

TEXAS DEPARTMENT OF  
TRANSPORTATION

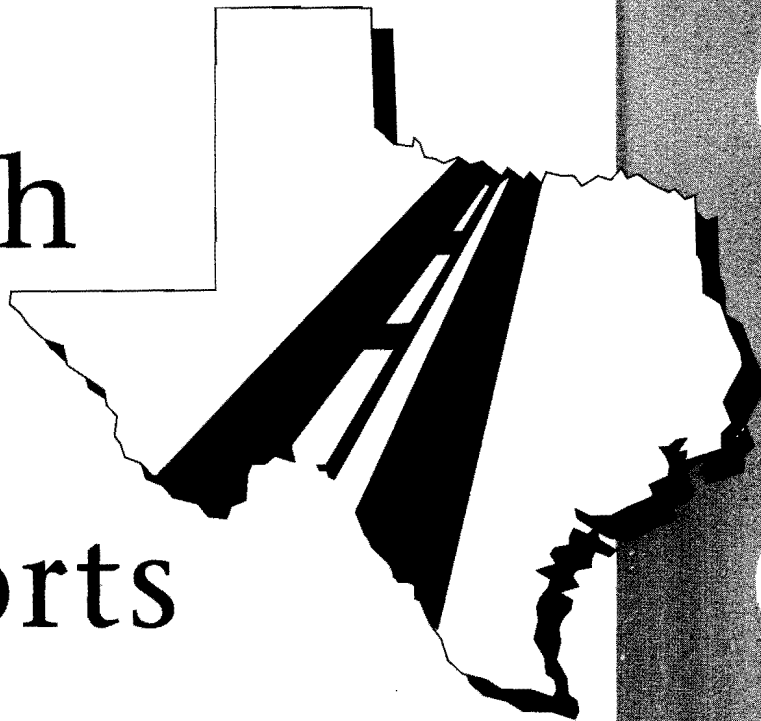
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# CATALOG

**REFERENCE ONLY**

**NOT TO LEAVE LIBRARY!**

Research  
Studies  
*and*  
Reports



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TEXAS COOPERATIVE HIGHWAY  
RESEARCH PROGRAM

Center For Transportation Research  
University of Texas at Austin  
3208 Red River, Suite 200  
Austin, Texas 78705

LISTING OF RESEARCH STUDIES AND REPORTS

TEXAS DEPARTMENT OF TRANSPORTATION  
(TxDOT)

PROPERTY OF  
CENTER FOR TRANSPORTATION RESEARCH  
REFERENCE ROOM

January, 1992

## TABLE OF CONTENTS

Introduction .....	ii
Part 1 - Research Studies and Reports .....	1
Part 2 - Miscellaneous Reports .....	277
* Reports Numbered by Year (NY) .....	277
* Old Research Project (RP) Reports .....	278
* Special Study (SS) Reports .....	283
* Experimental Project (EP) Reports .....	290
* Technology Transfer (T2) Documents .....	297
* In-House Departmental (DHT) Reports .....	299
Key Word Index .....	302
Index of Researchers and Authors .....	320

## INTRODUCTION

This volume lists research and planning projects undertaken by TxDOT under various federal and state programs. The catalog is divided into four sections, as follows:

### Part 1: Research Studies and Reports

Listed herein are the following:

- \* HPR (Highway Planning and Research) Planning Studies
- \* HPR (Highway Planning and Research) Research Studies
- \* State-funded studies
- \* Federally funded studies

Each research study number is composed of a single-digit prefix followed by a 1- to 4-digit definitive study number. The studies are listed in numerical order by prefix, and within each prefix, by study number.

The prefix denotes the type of study, as follows:

<u>Prefix</u>	<u>Type of Study</u>
0	HPR Research Study
1	HPR Planning Study
7	State-funded Study
8	SHRP (Strategic Highway Research Program) Study
9	Federally funded Study

For each study, there may be one or more reports. The reports are numbered with the definitive study number first, followed by the report number. If the report is the final report, the report number is followed by an "F".

### Part 2: Miscellaneous Reports

This section contains variously numbered miscellaneous reports from technology transfer activities and experimental projects and old research projects. The section is sub-divided into lists of various types of reports. Each type of report has a unique prefix:

- \* Reports numbered by year (NY)
- \* Old research project (RP) reports
- \* Special study (SS) reports
- \* Experimental project (EP) reports
- \* Technology transfer (T2) documents
- \* In-house departmental (DHT) reports



### Key Word Index

All of the studies and reports have been indexed by one or more key words or phrases. The index refers to studies (i.e. 9-571) and to miscellaneous reports (i.e. SS 13.01).

### Index of Researchers and Authors

All study researchers and authors of reports are indexed. The index is complete even though the study or reports record in Parts 1 and 2 of the catalog may not list all of the names, but may only list two or three followed by "et al".

If the person is a researcher, the name will be followed by a study number (i.e. 0-444). If the person is an author of a report, the name will be followed by a report number (i.e. 0-56-28 or EP604-01).

Copies of the reports are available free to governmental entities, and at a modest cost to private institutions, by calling or writing to the following address:

Texas Department of Transportation  
Transportation Planning Division (D-10)  
Research Section  
P.O. Box 5051  
Austin, TX 78763  
(512) 465-7403

PART I: RESEARCH STUDIES AND REPORTS

Study No. 0-1           Status: ACTIVE           Title: LIBRARY RESEARCH & TECHNOLOGY TRANSFER IN SUPPORT OF THE  
Start 09/01/53 End / /           COOPERATIVE RESEARCH PROGRAM  
Comment: LIBRARY SUPPORT.NO REPORTS PUBLISHED  
Researcher(s) S LANCASTER (TTI)

Study No. 0-2           Status: TERMINATED           Title: EQUIPMENT FOR THE MEASUREMENT OF PAVEMENT PERFORMANCE IN  
Start 09/01/73 End 08/31/77           TEXAS  
Comment:  
Researcher(s) KD HANKINS (D-10)

Report No. 2-1                           (PUBLISHED)           EQUIPMENT FOR COLLECTING PAVEMENT ROUGHNESS INFORMATION  
Date December, 1976 Pages: 82  
Note: REV. 11-82  
Author(s) CL GOSS; KD HANKINS et al

Report No. 2-2F                           (PUBLISHED)           EQUIPMENT AND METHODS FOR COLLECTING PAVEMENT PERFORMANCE  
Date October, 1977 Pages: 38           INFORMATION  
Note:  
Author(s) KD HANKINS

Study No. 0-3           Status: TERMINATED           Title: ROAD TEST ON HOT-MIX ASPHALT CONCRETE PAVEMENT  
Start 09/01/56 End 08/31/65  
Comment:  
Researcher(s) BM GALLAWAY (TTI)

Report No. 3-1                           (PUBLISHED)           A LABORATORY STUDY OF THE OPERATOR VARIABLE ON MOLDING  
Date January, 1965 Pages: 53           PROCEDURE AND MIX DESIGN VARIATIONS IN HOT-MIX ASPHALT  
Note:                                        CONCRETE  
Author(s) RA JIMENEZ; BM GALLAWAY

Report No. 3-2                           (PUBLISHED)           A LABORATORY STUDY OF THE EFFECTS OF OVEN CURING LOOSE  
Date January, 1965 Pages: 17           AND COMPACTED ASPHALT CONCRETE MIXTURES  
Note:  
Author(s) BM GALLAWAY; RA JIMENEZ

Report No. 3-3                           (PUBLISHED)           ROAD AND LABORATORY TESTS ON HOT-MIX ASPHALTIC CONCRETE  
Date January, 1965 Pages: 75  
Note:  
Author(s) RA JIMENEZ; BM GALLAWAY

Report No. 3-4F                           (PUBLISHED)           ABRIDGEMENTS OF REPORTS RESULTING FROM STUDIES OF PROJECT  
Date January, 1965 Pages: 64           ROAD TEST ON HOT-MIX ASPHALTIC CONCRETE  
Note:  
Author(s) RA JIMENEZ; BM GALLAWAY

Study No. 0-4           Status: TERMINATED           Title: ECONOMIC IMPACT OF THE INTERSTATE SYSTEM ON SELECT AREAS IN  
Start 10/29/57 End 08/31/66           TEXAS  
Comment:  
Researcher(s) JL BUFFINGTON (TTI)

Report No. 4-1                           (PUBLISHED)           CHANGES IN LAND VALUE, LAND USE, AND BUSINESS ACTIVITY  
Date January, 1957 Pages: 46           ALONG A SECTION OF THE INTERSTATE HIGHWAY SYSTEM IN AUSTIN,  
Note:                                        TEXAS  
Author(s) CV WOOTAN; CR HANING

Report No. 4-2	(PUBLISHED)	CHANGES IN LAND VALUE, LAND USE AND BUSINESS ACTIVITY ALONG A SECTION OF THE INTERSTATE HIGHWAY SYSTEM IN TEMPLE, TEXAS
Date September, 1960	Pages: 33	
Note:		
Author(s) CV WOOTAN; HG MEUTH		
Report No. 4-3	(PUBLISHED)	ECONOMIC IMPACT STUDY ALONG INTERSTATE HIGHWAY 30 IN ROCKWELL COUNTY, TEXAS
Date September, 1963	Pages: 67	
Note:		
Author(s) JL BUFFINGTON; CV WOOTAN		
Report No. 4-4	(PUBLISHED)	RESTDY OF CHANGES IN LAND VALUE, LAND USE, AND BUSINESS ACTIVITY ALONG A SECTION OF INTERSTATE HIGHWAY 35, AUSTIN, TEXAS
Date June, 1964	Pages: 72	
Note:		
Author(s) JL BUFFINGTON		
Report No. 4-5	(PUBLISHED)	RESTDY OF CHANGES IN LAND VALUE, LAND USE, AND BUSINESS ACTIVITY ALONG A SECTION OF INTERSTATE HIGHWAY 35, TEMPLE, TEXAS
Date December, 1964	Pages: 41	
Note:		
Author(s) JL BUFFINGTON; HG MEUTH		
Report No. 4-6	(PUBLISHED)	AN ECONOMIC IMPACT STUDY OF IH-35E ON WAXAHACHIE, TEXAS
Date March, 1966	Pages: 50	
Note:		
Author(s) JL BUFFINGTON		
Report No. 4-7	(PUBLISHED)	A STUDY OF THE ECONOMIC IMPACT OF IH-20 ON MERKEL, TEXAS
Date April, 1966	Pages: 37	
Note:		
Author(s) JL BUFFINGTON		
Report No. 4-8	(PUBLISHED)	THE ECONOMIC IMPACT OF IH-10 ON A RURAL AREA EAST OF HOUSTON, TEXAS
Date March, 1967	Pages: 28	NTIS PB175630
Note:		
Author(s) JL BUFFINGTON		
Report No. 4-9	(PUBLISHED)	A STUDY OF ECONOMIC IMPACT OF IH-45 ON HUNTSVILLE, TEXAS
Date August, 1967	Pages: 40	NTIS PB176390
Note:		
Author(s) JL BUFFINGTON		
Report No. 4-10	(PUBLISHED)	A STUDY OF THE ECONOMIC IMPACT OF IH-10 ON CHAMBERS COUNTY, TEXAS
Date March, 1967	Pages: 15	NTIS PB1947
Note:		
Author(s)		
Report No. 4-11	(PUBLISHED)	A STUDY OF THE ECONOMIC IMPACT OF IH45 ON CONROE, TEXAS
Date August, 1967	Pages: 34	NTIS PB177538
Note:		
Author(s)		
Report No. 4-11F	(PUBLISHED)	A STUDY OF THE ECONOMIC IMPACT OF IH45 ON CONROE, TEXAS
Date August, 1967	Pages: 34	NTIS PB177538
Note:		
Author(s) JL BUFFINGTON		

Study No. 0-5            Status: TERMINATED            Title: INTERSECTION ILLUMINATION  
 Start 11/01/57   End 08/31/65  
 Comment:  
 Researcher(s) DE CLEVELAND (TTI)

Report No. 5-2                            (PUBLISHED)            LIGHTING STUDIES AT TEXAS CITY WYE  
 Date October, 1963    Pages: 90  
 Note:  
 Author(s) DM FINCH

Report No. 5-4                            (PUBLISHED)            OVERHEAD SIGNING AND TRAFFIC OPERATIONS  
 Date April, 1964      Pages: 12  
 Note:  
 Author(s) SN VAN WINKLE; HH BARTEL

Report No. 5-5                            (PUBLISHED)            ROADSIDE SIGN STUDIES  
 Date January, 1964    Pages: 12  
 Note:  
 Author(s)

Report No. 5-6                            (PUBLISHED)            DRIVER TENSION RESPONSES AND INTERSECTION ILLUMINATION  
 Date April, 1964      Pages:  
 Note:  
 Author(s) WC FRANKLIN; DE CLEVELAND

Report No. 5-7                            (PUBLISHED)            TRAFFIC OPERATIONS - ILLUMINATION STUDIES  
 Date August, 1966     Pages: 17  
 Note:  
 Author(s) DE CLEVELAND

Report No. 5-8                            (PUBLISHED)            OVERHEAD SIGN - ILLUMINATION RELATIONSHIPS  
 Date April, 1966      Pages: 36  
 Note:  
 Author(s) DE CLEVELAND

Report No. 5-9F                           (PUBLISHED)            INTERSECTION AND SIGN ILLUMINATION FOR HIGHWAY SAFETY AND EFFICIENCY  
 Date August, 1966     Pages: 60  
 Note:  
 Author(s) CJ KEESE; DE CLEVELAND

Study No. 0-6            Status: TERMINATED            Title: RAMPS AND INTERCHANGES  
 Start 09/01/57   End 08/31/65  
 Comment:  
 Researcher(s) C PENNELL (TTI)

Report No. 6-1                            (PUBLISHED)            A COMPARATIVE STUDY OF THE CONVENTIONAL DIAMOND AND CLOVERLEAF INTERCHANGES WITH RESPECT TO RAMP CAPACITY AND VEHICULAR DELAY  
 Date November, 1963   Pages: 49  
 Note:  
 Author(s) JD BARNETT

Report No. 6-2                            (PUBLISHED)            AT-GUIDE INTERSECTION SPACING ON CONVENTIONAL TWO-LEVEL DIAMOND INTERCHANGE  
 Date November, 1963   Pages: 9  
 Note:  
 Author(s) JD BARNETT; C PINNELL

Report No. 6-FINAL (PUBLISHED) GUIDE TO THE SELECTION OF NONDIRECTIONAL INTERCHANGES  
Date November, 1963 Pages: 45  
Note:  
Author(s) C PINNELL; JD BARNETT et al

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Study No. 0-7 Status: TERMINATED Title: DESIGN PARAMETERS FOR COLUMNS IN BRIDGE BENTS  
Start 09/01/72 End 03/01/75  
Comment:  
Researcher(s) RW FURLONG (CTR)

Report No. 7-1 (PUBLISHED) STRENGTH AND STIFFNESS OF REINFORCED CONCRETE RECTANGULAR  
Date January, 1976 Pages: 67  
Note:  
Author(s) JA DESAI; RW FURLONG

Report No. 7-2F (PUBLISHED) STRENGTH AND STIFFNESS OF REINFORCED CONCRETE COLUMNS UNDER  
Date November, 1976 Pages: 219  
Note:  
Author(s) V MIVICHAK; RW FURLONG

---

Study No. 0-8 Status: TERMINATED Title: STUDY OF HIGHWAY MEDIANS IN CITIES  
Start 09/01/57 End 08/31/65  
Comment:  
Researcher(s) CV WOOTAN (TTI)

Report No. 8-1 (PUBLISHED) A MEDIAN STUDY IN BAYTOWN, TEXAS  
Date August, 1963 Pages: 15  
Note:  
Author(s) CV WOOTAN; HG MEUTH

Report No. 8-2 (PUBLISHED) A MEDIAN STUDY IN PLEASANTON, TEXAS  
Date August, 1964 Pages: 36  
Note:  
Author(s) CV WOOTAN; HG MEUTH et al

Report No. 8-3F (PUBLISHED) A MEDIAN STUDY IN SAN ANTONIO, TEXAS  
Date August, 1964 Pages: 42  
Note:  
Author(s) CV WOOTAN; HG MEUTH et al

Report No. 8-PROGRESS (PUBLISHED) A MEDIAN STUDY OF BAYTOWN, TEXAS  
Date August, 1963 Pages: 15  
Note:  
Author(s) CV WOOTAN; HG MEUTH

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Study No. 0-9 Status: TERMINATED Title: MODIFICATION OF PROPERTIES OF ASPHALT  
Start 02/01/59 End 08/31/69  
Comment:  
Researcher(s) RN TRAXLER (TTI)

Report No. 9-1 (PUBLISHED) HARDENING OF PAVING ASPHALT AND RELATION TO COMPOSITION  
Date February, 1961 Pages: 42  
Note:  
Author(s) RN TRAXLER

Report No. 9-2 Date September, 1962 Note: Author(s) RN TRAXLER	Pages: 31	(PUBLISHED)	TEMPERATURE-VISCOSITY DATA ON ASPHALT CEMENTS
Report No. 9-3 Date September, 1962 Note: Author(s) RN TRAXLER	Pages: 27	(PUBLISHED)	ANTIOXIDANTS FOR PAVING ASPHALTS
Report No. 9-4 Date October, 1962 Note: Author(s) RN TRAXLER	Pages: 55	(PUBLISHED)	SUSCEPTIBILITY OF PAVING ASPHALT TO HARDENING BY HEAT, OXYGEN, AND SUNLIGHT
Report No. 9-5 Date December, 1962 Note: Author(s) RN TRAXLER	Pages: 20	(PUBLISHED)	CORRELATION OF COMPOSITION WITH RHEOLOGY AND DURABILITY OF ASPHALTS
Report No. 9-6 Date July, 1968 Note: Author(s) RN TRAXLER	Pages: 22	(PUBLISHED)	VISCOSITY DATA FOR ASPHALTS USED BY THE TEXAS HIGHWAY DEPARTMENT
Report No. 9-7 Date August, 1963 Note: Author(s) RN TRAXLER	Pages: 20	(PUBLISHED)	OXIDATION (DURABILITY) TESTS ON ASPHALTS USED BY THE TEXAS HIGHWAY DEPARTMENT
Report No. 9-8 Date May, 1965 Note: Author(s) RN TRAXLER	Pages: 57	(PUBLISHED)	HARDENING OF 85-100 PENETRATION ASPHALT CEMENTS DURING SERVICE IN PAVEMENT
Report No. 9-9 Date August, 1966 Note: Author(s) RN TRAXLER	Pages: 19	(PUBLISHED)	ADDITIONAL RHEOLOGICAL PROPERTIES OF 85-100 PENETRATION ASPHALT CEMENT USED IN FIELD TESTS INITIATED DURING 1963-64
Report No. 9-10 Date March, 1967 Note: Author(s) RN TRAXLER; FL CARTER	Pages: 25	(PUBLISHED)	OXYGEN CONSUMPTION BY ASPHALT FILMS AND RESULTING VISCOSITY
Report No. 9-11 Date October, 1967 Note: Author(s) RN TRAXLER	Pages: 45	(PUBLISHED)	HARDENING OF ASPHALT CEMENTS DURING SERVICE IN PAVEMENTS 1963-66 PROGRAM
Report No. 9-12 Date August, 1967 Note: Author(s) RN TRAXLER; JG DARROCH	Pages: 164	(PUBLISHED)	A STATISTICAL STUDY ON VISCOSITIES OF ASPHALT CEMENTS USED BY THE TEXAS HIGHWAY DEPARTMENT

Report No. 9-13 Date July, 1968 Note: Author(s) RN TRAXLER	Pages: 20	(PUBLISHED)	BEST TEMPERATURES TO MEASURE VISCOSITY FOR EVALUATION OF ASPHALT DURABILITY IN SERVICE
Report No. 9-14 Date October, 1968 Note: Author(s) RN TRAXLER	Pages: 22	(PUBLISHED)	EFFECT OF STORAGE TIME ON SUSCEPTIBILITY OF ASPHALT CEMENTS TO HARDENING BY TIME, HEAT AND OXIDATION
Report No. 9-15 Date October, 1968 Note: Author(s) RN TRAXLER	Pages: 22	(PUBLISHED)	HARDENING OF ASPHALT CEMENTS BY EXPOSURE TO ULTRAVIOLET AND SHORT WAVE LENGTH VISIBLE LIGHT
Report No. 9-16F Date November, 1968 Note: Author(s) RN TRAXLER	Pages: 72	(PUBLISHED)	STIFFNESS OF ASPHALT CEMENTS EVALUATED BY COMPRESSION
Report No. 9-prog Date February, 1966 Note: Author(s) RN TRAXLER	Pages: 28	(PUBLISHED)	PROPOSED VISCOSITY SPECIFICATIONS FOR ASPHALT CEMENTS

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Study No. 0-10                      Status: TERMINATED                      Title: CORRELATION OF THE THD CONE PENETROMETER TEST N-VALUE WITH SHEAR STRENGTH OF THE SOIL TESTED  
Start 09/01/73 End 03/31/77  
Comment:  
Researcher(s) HM COYLE (TTI)

Report No. 10-1                      (PUBLISHED)                      CORRELATION OF THE TEXAS HIGHWAY DEPARTMENT CONE PENETROMETER TEST WITH UNCONSOLIDATED-UNDRAINED SHEAR STRENGTH OF COHESIVE SOILS  
Date August, 1974                      Pages: 135                      NTIS PB242731  
Note:  
Author(s) MM HAMOUDI; HM COYLE et al

Report No. 10-2                      (PUBLISHED)                      CORRELATION OF THE TEXAS HIGHWAY DEPARTMENT CONE PENETROMETER TEST WITH THE DRAINED SHEAR STRENGTH OF COHESION LESS SOILS  
Date August, 1975                      Pages: 85                      NTIS PB249687  
Note:  
Author(s) GD COZART; HM COYLE et al

Report No. 10-3F                      (PUBLISHED)                      CORRELATION OF THE TEXAS CONE PENETROMETER TEST N-VALUE WITH SOIL SHEAR STRENGTH  
Date August, 1977                      Pages: 123  
Note:  
Author(s) HM COYLE; RE BARTOSKEWITZ

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Study No. 0-11                      Status: TERMINATED                      Title: COST EFFECTIVENESS PRIORITY PROGRAM FOR ROADSIDE SAFETY IMPROVEMENTS ON TEXAS FREEWAYS  
Start 07/05/72 End 08/31/73  
Comment:  
Researcher(s) DL WOODS (TTI)

Report No. 11-1                      (PUBLISHED)                      PROCEDURES MANUAL FOR ROADSIDE HAZARD INVENTORY AND SAFETY IMPROVEMENT ALTERNATIVES  
Date January, 1974                      Pages: 116  
Note:  
Author(s) GD WEAVER; ER POST et al

Report No. 11-4 (PUBLISHED) COST-EFFECTIVENESS ANALYSIS: A PRIORITY SYSTEM FOR  
Date August, 1973 Pages: 34 ROADSIDE SAFETY IMPROVEMENTS  
Note:  
Author(s) DL WOODS

Report No. 11-F (PUBLISHED) NO TITLE, SEE 15-1, VOLUME II  
Date , Pages:  
Note:  
Author(s)

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Study No. 0-12 Status: TERMINATED Title: IMPROVED METHODS FOR CLEANING JOINTS IN CONCRETE BRIDGE  
Start 09/01/72 End 08/31/74 DECKS  
Comment:  
Researcher(s) WM MOORE (TTI)

Report No. 12-1 (PUBLISHED) A SURVEY OF DISTRESS AND DEBRIS IN THE JOINTS OF PAN-FORMED  
Date January, 1974 Pages: 22 CONCRETE BRIDGES  
Note:  
Author(s) WM MOORE; G SWIFT et al

Report No. 12-2F (PUBLISHED) DEBRIS REMOVAL FROM CONCRETE BRIDGE DECK JOINTS  
Date September, 1974 Pages: 55 NTIS PB240626  
Note:  
Author(s) WM MOORE

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Study No. 0-13 Status: TERMINATED Title: VEGETATION CONTROL ON TEXAS HIGHWAYS  
Start 09/01/59 End 08/31/65  
Comment:  
Researcher(s) WG MCCULLY (TTI)

Report No. 13-3F (PUBLISHED) CONTROLLING VEGETATION IN ASPHALT PAVEMENTS  
Date April, 1966 Pages: 16  
Note:  
Author(s) WJ BOWMER; WG MCCULLY

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Study No. 0-14 Status: TERMINATED Title: BITUMINOUS TREATED BASES--AN EXPLORATORY STUDY  
Start 09/01/72 End 08/31/73  
Comment:  
Researcher(s) BM GALLAWAY (TTI)

Report No. 14-1F (PUBLISHED) DESIGN AND ECONOMICS OF BITUMINOUS TREATED BASES IN TEXAS  
Date July, 1974 Pages: 91 NTIS PB2396  
Note:  
Author(s) JA EPPS; BM GALLAWAY

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Study No. 0-15 Status: TERMINATED Title: COST EFFECTIVENESS PRIORITY PROGRAM FOR ROADSIDE SAFETY  
Start 09/11/73 End 08/31/75 IMPROVEMENTS ON NON-CONTROLLED ACCESS ROADWAYS  
Comment:  
Researcher(s) GD WEAVER (TTI)

Report No. 15-1 Vol. 1 (PUBLISHED) COST-EFFECTIVENESS PROGRAM FOR ROADSIDE SAFETY IMPROVEMENTS  
Date August, 1974 Pages: 160 ON TEXAS HIGHWAYS - VOLUME 1: PROCEDURES MANUAL  
Note:  
Author(s) GD WEAVER; ER POST et al



Report No. 15-1	Vol. 2	(PUBLISHED)	COST-EFFECTIVE PROGRAM FOR ROADSIDE SAFETY IMPROVEMENTS ON TEXAS HIGHWAYS - VOLUME II: COMPUTER PROGRAM DOCUMENTATION MANUAL
Date August, 1974	Pages: 227		
Note:			
Author(s) GD WEAVER; ER POST et al			
Report No. 15-1	Vol. 3	(PUBLISHED)	COST-EFFECTIVENESS PROGRAM FOR ROADSIDE SAFETY IMPROVEMENTS ON TEXAS HIGHWAYS - VOLUME III: COST EFFECTIVE ANALYSIS MANUAL
Date February, 1975	Pages: 47		
Note:			
Author(s) DL WOODS; GD WEAVER			
Report No. 15-2F	Vol. 1	(PUBLISHED)	COST-EFFECTIVENESS EVALUATION OF ROADSIDE SAFETY IMPROVEMENTS ON TEXAS HIGHWAYS
Date August, 1974	Pages: 124		
Note:			
Author(s) GD WEAVER; DL WOODS			
Report No. 15-2F	Vol. 2	(PUBLISHED)	COST-EFFECTIVENESS EVALUATION OF ROADSIDE SAFETY IMPROVEMENTS ON TEXAS HIGHWAYS - APPENDIX, COST-EFFECTIVENESS ANALYSIS MANUAL
Date August, 1974	Pages: 133		
Note:			
Author(s) GD WEAVER; DL WOODS			

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Study No. 0-16	Status: TERMINATED	Title: DETERMINATION OF QUANTITIES OF CERTAIN FUELS, OILS AND TARS IN STORM RUNOFF WATERS FROM HIGHWAYS
Start 09/01/75	End 08/31/76	
Comment:		
Researcher(s) JF MALINA (CTR)		

Report No. 16-1F	(PUBLISHED)	OIL, GREASE, AND OTHER POLLUTANTS IN HIGHWAY RUNOFF
Date September, 1976	Pages: 76	
Note:		
Author(s) B WILAND; JF MALINA		

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Study No. 0-17	Status: TERMINATED	Title: URBAN TRANSPORTATION STUDY PROCEDURES
Start 09/01/73	End 08/31/75	
Comment:		
Researcher(s) VG STOVER (TTI)		

Report No. 17-1	(PUBLISHED)	A PROCEDURE FOR ESTIMATING TRIP LENGTH FREQUENCY DISTRIBUTIONS
Date April, 1974	Pages: 66	
Note:		
Author(s) DF PEARSON; VG STOVER et al		

Report No. 17-2	(PUBLISHED)	A SENSITIVITY EVALUATION OF TRAFFIC ASSIGNMENT
Date August, 1975	Pages: 82	
Note:		
Author(s) J BUECHLER; VG STOVER et al		

Report No. 17-3F	(PUBLISHED)	URBAN TRANSPORTATION STUDY PROCEDURES
Date August, 1975	Pages: 36	
Note:		
Author(s) JD BENSON; VG STOVER et al		

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Study No. 0-18	Status: TERMINATED	Title: ENVIRONMENTAL DETERIORATION OF PAVEMENT
Start 09/01/72	End 08/31/77	
Comment:		
Researcher(s) RL LYTTON (TTI)		

Report No. 18-1 (PUBLISHED) ENVIRONMENTAL FACTORS RELEVANT TO PAVEMENT CRACKING IN WEST TEXAS  
 Date January, 1974 Pages: 92 NTIS PB238040  
 Note:  
 Author(s) SH CARPENTER; RL LYTTON et al

Report No. 18-2 (PUBLISHED) THERMAL ACTIVITY OF BASE COURSE MATERIAL RELATED TO PAVEMENT CRACKING  
 Date December, 1975 Pages: 128 NTIS PB254754  
 Note:  
 Author(s) SH CARPENTER; RL LYTTON

Report No. 18-3 (PUBLISHED) PREDICTION OF THERMAL REFLECTION CRACKING IN WEST TEXAS  
 Date March, 1976 Pages: 102 NTIS PB252084  
 Note:  
 Author(s) H CHANG; RL LYTTON et al

Report No. 18-4F (PUBLISHED) THERMAL PAVEMENT CRACKING IN WEST TEXAS  
 Date October, 1977 Pages: 233 NTIS PB283168  
 Note:  
 Author(s) SH CARPENTER; RL LYTTON

---

Study No. 0-19 Status: TERMINATED Title: CHANNELIZATION  
 Start 09/01/59 End 08/31/64  
 Comment:  
 Researcher(s) NJ ROWAN (TTI)

Report No. 19-1 (PUBLISHED) APPROACH-END TREATMENT OF CHANNELIZATION - SIGNING AND DELINEATION  
 Date September, 1962 Pages: 55  
 Note:  
 Author(s) NJ ROWAN

Report No. 19-3 (PUBLISHED) A COMPUTER TECHNIQUE FOR PERSPECTIVE PLOTTING OF ROADWAYS  
 Date July, 1967 Pages: 33  
 Note:  
 Author(s) RA PARK; NJ ROWAN

Report No. 19-4F (PUBLISHED) CHANNELIZATION  
 Date March, 1966 Pages: 59  
 Note:  
 Author(s) NJ ROWAN; TG WILLIAMS

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Study No. 0-20 Status: TERMINATED Title: SPEED OF VEHICLES ON GRADES  
 Start 09/01/72 End 08/31/74  
 Comment:  
 Researcher(s) CE LEE (CTR)

Report No. 20-1F (PUBLISHED) SPEED OF VEHICLES ON GRADES  
 Date August, 1975 Pages: 166  
 Note:  
 Author(s) CM WALTON; CE LEE

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Study No. 0-21 Status: TERMINATED Title: PRAGMATIC APPLICATIONS OF RIGID PAVEMENT RESEARCH  
 Start 09/01/73 End 08/31/74  
 Comment:  
 Researcher(s) BF MCCULLOUGH (CTR)

Report No. 21-1F (PUBLISHED) A PERFORMANCE SURVEY OF CONTINUOUSLY REINFORCED CONCRETE  
Date November, 1974 Pages: 130 PAVEMENTS IN TEXAS  
Note:  
Author(s) BF MCCULLOUGH; PJ STRAUSS

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Study No. 0-22 Status: TERMINATED Title: AUTOMATED DESIGN OF PRESTRESSED CONCRETE BEAMS MADE  
Start 09/01/72 End 08/31/74 CONTINUOUS FOR LIVE LOAD  
Comment:  
Researcher(s) HL FURR (TTI)

Report No. 22-1F Vol. 1 (PUBLISHED) AUTOMATED DESIGN OF CONTINUOUS BRIDGES WITH PRECAST  
Date October, 1974 Pages: 68 PRESTRESSED CONCRETE BEAMS: VOLUME I, DESIGN  
Note: CONSIDERATIONS  
Author(s) HL JONES; LL INGRAM et al

Report No. 22-1F Vol. 2 (PUBLISHED) AUTOMATED DESIGN OF CONTINUOUS BRIDGES WITH PRECAST  
Date November, 1974 Pages: 182 PRESTRESSED CONCRETE BEAMS: VOLUME II, PROGRAM  
Note: DOCUMENTATION  
Author(s) HL JONES; LL INGRAM et al

Report No. 22-1F Vol. 3 (PUBLISHED) AUTOMATED DESIGN OF CONTINUOUS BRIDGES WITH PRECAST  
Date December, 1974 Pages: 57 PRESTRESSED CONCRETE BEAMS: VOLUME III, SHEAR AND MOMENT  
Note: ENVELOPE PROGRAM USER'S INSTRUCTIONS  
Author(s) HL JONES; DW HARRIS et al

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Study No. 0-23 Status: TERMINATED Title: TEMPERATURE INDUCED STRESSES IN HIGHWAY BRIDGES BY FINITE  
Start 09/01/73 End 08/31/76 ELEMENT ANALYSIS AND FIELD TESTS  
Comment:  
Researcher(s) CP JOHNSON (CTR)

Report No. 23-1 (PUBLISHED) PREDICTION OF TEMPERATURE AND STRESSES IN HIGHWAY BRIDGES  
Date February, 1977 Pages: 165 NTIS PB279394 BY A NUMERICAL PROCEDURE USING DAILY WEATHER REPORTS  
Note:  
Author(s) T THEPCHATRI; CP JOHNSON et al

Report No. 23-2 (PUBLISHED) ANALYTICAL & EXPERIMENTAL INVESTIGATION OF THE THERMAL  
Date February, 1977 Pages: 148 NTIS PB279396 RESPONSE OF HIGHWAY BRIDGES  
Note:  
Author(s) KM WILL; CP JOHNSON et al

Report No. 23-3F (PUBLISHED) TEMPERATURE INDUCED STRESSES IN HIGHWAY BRIDGES BY FINITE  
Date July, 1978 Pages: 181 ELEMENT ANALYSIS AND FIELD TESTS  
Note:  
Author(s) A YARGICOGLU; CP JOHNSON et al

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Study No. 0-24 Status: TERMINATED Title: FACTORS AFFECTING LEVEL OF SERVICE ON CONTROLLED ACCESS  
Start 09/01/61 End 08/31/69 FACILITIES  
Comment:  
Researcher(s) C PINNELL (TTI)

Report No. 24-1 (PUBLISHED) THEORETICAL APPROACHES TO THE STUDY AND CONTROL OF FREEWAY  
Date January, 1964 Pages: 27 CONGESTION  
Note:  
Author(s) DR DREW

Report No. 24-2 Date October, 1964 Note: Author(s) C PINNELL	Pages: 103	(PUBLISHED)	OPTIMUM DISTRIBUTION OF TRAFFIC OVER A CAPACITATED STREET
Report No. 24-3 Date January, 1965 Note: Author(s) OR DREW; CJ KEESE	Pages: 75	(PUBLISHED)	FREEWAY LEVEL OF SERVICE AS INFLUENCED BY VOLUME AND CAPACITY CHARACTERISTICS
Report No. 24-4 Date June, 1965 Note: Author(s) DR DREW	Pages: 76	(PUBLISHED)	DETERMINISTIC ASPECTS OF FREEWAY OPERATIONS AND CONTROL
Report No. 24-5 Date June, 1965 Note: Author(s) DR DREW	Pages: 54	(PUBLISHED)	STOCHASTIC CONSIDERATION IN FREEWAY OPERATIONS AND CONTROL
Report No. 24-6 Date April, 1965 Note: Author(s) JJ HAYNES	Pages: 61	(PUBLISHED)	SOME CONSIDERATIONS OF VEHICULAR DENSITY ON URBAN FREEWAYS
Report No. 24-7 Date October, 1964 Note: Author(s) WR MCCASLAND	Pages: 81	(PUBLISHED)	TRAFFIC CHARACTERISTICS OF THE FREEWAY INTERCHANGE TRAFFIC OF THE INBOUND GULF FREEWAY
Report No. 24-8 Date October, 1964 Note: Author(s) JA WATTLEWORTH	Pages: 81	(PUBLISHED) NTIS PB172930	SYSTEM DEMAND-CAPACITY ANALYSIS OF THE INBOUND GULF FREEWAY
Report No. 24-9 Date September, 1964 Note: Author(s) WR MCCASLAND	Pages: 42	(PUBLISHED)	CAPACITY-DEMAND ANALYSIS OF THE WAYSIDE INTERCHANGE ON THE GULF FREEWAY
Report No. 24-10 Date December, 1964 Note: Author(s) DR DREW; WR MCCASLAND	Pages: 59	(PUBLISHED)	INBOUND GULF FREEWAY RAMP CONTROL STUDY I
Report No. 24-11 Date June, 1965 Note: Author(s) DR DREW; CL DUDEK	Pages: 89	(PUBLISHED)	INVESTIGATION OF AN INTERNAL ENERGY MODEL FOR EVALUATING FREEWAY LEVEL OF SERVICE
Report No. 24-12 Date July, 1965 Note: Author(s) DR DREW	Pages: 47	(PUBLISHED)	GAP ACCEPTANCE CHARACTERISTICS FOR RAMP-FREEWAY SURVEILLANCE AND CONTROL

Report No. 24-13		(PUBLISHED)	INBOUND GULF FREEWAY RAMP CONTROL STUDY II
Date July, 1965	Pages: 78		
Note:			
Author(s) C PINNELL; DR DREW et al			
Report No. 24-15		(PUBLISHED)	PEAK-PERIOD ANALYSIS AND CONTROL OF A FREEWAY SYSTEM
Date October, 1965	Pages: 25		
Note:			
Author(s) JA WATTLEWORTH			
Report No. 24-16		(PUBLISHED)	AN INVESTIGATION OF THE FEASIBILITY OF IMPROVING FREEWAY OPERATIONS BY STAGGERING WORKING HOURS
Date January, 1960	Pages: 54	NTIS PB174478	
Note:			
Author(s) GL SANTERRE			
Report No. 24-17		(PUBLISHED)	FREWAY SURVEILLANCE AND CONTROL PROJECT GULF FREEWAY - HOUSTON, TEXAS
Date September, 1966	Pages: 10		
Note:			
Author(s) DR DREW			
Report No. 24-18		(PUBLISHED)	CONSIDERATIONS FOR THE INSTALLATION OF U-TURNS AT FREEWAY INTERCHANGES
Date October, 1966	Pages: 67		
Note:			
Author(s) SL WILSON; ML RADKE			
Report No. 24-19		(PUBLISHED)	THE DEVELOPMENT OF AN AUTOMATIC FREEWAY MERGING CONTROL SYSTEM
Date November, 1966	Pages: 58		
Note:			
Author(s) DR DREW; WR MCCASLAND et al			
Report No. 24-21		(PUBLISHED)	FREWAY RAMP CONTROL REDUCES FREQUENCY OF REAR END ACCIDENTS
Date November, 1966	Pages: 24		
Note:			
Author(s) ML RADKE			
Report No. 24-22		(PUBLISHED)	EVALUATION OF THE BENEFITS OF TRAFFIC SURVEILLANCE AND CONTROL OF THE GULF FREEWAY
Date January, 1969	Pages: 35		
Note:			
Author(s) WF MCFARLAND; WG ADKINS et al			
Report No. 24-23		(PUBLISHED)	EFFECT OF RAIN ON FREEWAY CAPACITY
Date August, 1969	Pages: 30		
Note:			
Author(s) ER JONES; ME GOOLSBY			
Report No. 24-24		(PUBLISHED)	COST-EFFECTIVENESS ANALYSIS OF FREEWAY RAMP CONTROL
Date August, 1969	Pages: 54		
Note:			
Author(s) CL DUDEK; WR MCCASLAND			
Report No. 24-25		(PUBLISHED)	FREWAY OPERATIONS ON THE GULF FREEWAY RAMP CONTROL SYSTEM
Date August, 1969	Pages: 27		
Note:			
Author(s) ME GOOLSBY; WR MCCASLAND			

Report No. 24-26F (PUBLISHED) FREEWAY RAMP CONTROL SYSTEM  
Date August, 1969 Pages: 66  
Note:  
Author(s) WR MCCASLAND

Report No. 24-PROG (PUBLISHED) COMPARISON OF THE TWO TECHNIQUES OF AERIAL PHOTOGRAPHY FOR  
Date March, 1964 Pages: 40 APPLICATION IN FREEWAY TRAFFIC OPERATIONS STUDIES  
Note:  
Author(s) WR MCCASLAND

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Study No. 0-25 Status: TERMINATED Title: EXPERIMENTAL USE OF HIGH STRENGTH REINFORCING STEEL  
Start 02/13/62 End 08/31/66  
Comment:  
Researcher(s) EL HARDEMAN (DS-9)

Report No. 25-1F (PUBLISHED) EXPERIMENTAL USE OF HIGH STRENGTH REINFORCING STEEL  
Date March, 1966 Pages: 64  
Note:  
Author(s) JG NEWTON; LG WALKER

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Study No. 0-26 Status: TERMINATED Title: DYNAMIC BRIDGE IMPACT TESTS  
Start 09/01/61 End 08/31/63  
Comment:  
Researcher(s) BC GERSCH (D-10)

Report No. 26-1 (PUBLISHED) DYNAMIC TEST OF P.&S.F. RAILROAD OVERPASS, EL PASO, TEXAS  
Date September, 1964 Pages: 24  
Note:  
Author(s) BC GERSCH

Report No. 26-2F (PUBLISHED) DYNAMIC TESTING PROGRAM OF THE T.&N.O. RAILROAD OVERPASS,  
Date September, 1964 Pages: 92 EL PASO, TEXAS  
Note:  
Author(s) BC GERSCH

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Study No. 0-27 Status: TERMINATED Title: DISTRIBUTION OF STRESS IN LAYERED SYSTEMS COMPOSED OF  
Start 09/01/61 End 08/31/65 GRANULAR MATERIALS  
Comment:  
Researcher(s) FH SCRIVNER (TTI)

Report No. 27-1 (PUBLISHED) A REPORT ON A MATHEMATICAL MODEL DESCRIBING THE DEFORMATION  
Date January, 1963 Pages: 44 CHARACTERISTICS OF GRANULAR MATERIALS  
Note:  
Author(s) WA DUNLAP

Report No. 27-2 (PUBLISHED) A REPORT ON AN EXTENSION OF ELASTICITY THEORY TO INCLUDE  
Date February, 1964 Pages: 13 GRANULAR MATERIALS  
Note:  
Author(s) FH SCRIVNER

Report No. 27-3 (PUBLISHED) A REPETITIVE TRIAXIAL LOADING APPARATUS FOR LARGE DIAMETER  
Date January, 1965 Pages: 15 SPECIMENS OF GRANULAR MATERIALS  
Note:  
Author(s) WA DUNLAP

Report No. 27-4F (PUBLISHED) DEFORMATION CHARACTERISTICS OF GRANULAR MATERIALS SUBJECTED  
Date November, 1967 Pages: 210 TO RAPID, REPETITIVE LOADING  
Note:  
Author(s) WA DUNLAP

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Study No. 0-28 Status: TERMINATED Title: DETERMINATION OF CAPABILITIES OF ELECTRONIC EQUIPMENT  
Start 05/15/62 End 08/31/66  
Comment:  
Researcher(s) HA HENRY (D-8)

Report No. 28-1F (PUBLISHED) DETERMINATION OF CAPABILITIES OF ELECTRONIC EQUIPMENT FOR  
Date September, 1966 Pages: 71 USE IN PHOTOGRAMMETRY  
Note:  
Author(s) SE MANGUM

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Study No. 0-29 Status: TERMINATED Title: STRENGTH AND BEHAVIOR OF ANCHOR BOLTS  
Start 09/01/73 End 08/31/76  
Comment:  
Researcher(s) JO JIRSA (CTR)

Report No. 29-1 (PUBLISHED) A GUIDE TO THE SELECTION OF HIGH-STRENGTH ANCHOR BOLT  
Date October, 1974 Pages: 47 NTIS PB247856 MATERIALS  
Note:  
Author(s) GB HASSELWANDER; JO JIRSA

Report No. 29-2F (PUBLISHED) STRENGTH & BEHAVIOR OF ANCHOR BOLTS EMBEDDED NEAR EDGES OF  
Date May, 1977 Pages: 122 CONCRETE PIERS  
Note:  
Author(s) GB HASSELWANDER; JO JIRSA et al

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Study No. 0-30 Status: TERMINATED Title: CORRIDOR ANALYSIS FOR LEVEL OF SERVICE DESIGN  
Start 09/01/72 End 08/31/74  
Comment:  
Researcher(s) NJ ROWAN (TTI)

Report No. 30-1 (PUBLISHED) CAPACITY AND QUALITY OF SERVICE OF ARTERIAL AND STREET  
Date August, 1974 Pages: 68 NTIS PB242991 INTERSECTIONS  
Note:  
Author(s) DJ BERRY

Report No. 30-2 (PUBLISHED) A SIMULATION STUDY OF MID-BLOCK ACCESS EFFECTS ON ARTERIAL  
Date August, 1974 Pages: 39 STREETS  
Note:  
Author(s) JO EXTER; VG STOVER et al

Report No. 30-3F (PUBLISHED) CORRIDOR ANALYSIS FOR LEVEL OF SERVICE DESIGN  
Date August, 1975 Pages: 56 NTIS PB266957  
Note:  
Author(s) NJ ROWAN; DA ANDERSON

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Study No. 0-31 Status: TERMINATED Title: DEVELOPMENT OF A TRANSDUCER FOR USE IN MEASURING PEAK  
Start 09/01/75 End 08/31/76 FORCES ON PILES DURING DRIVING  
Comment:  
Researcher(s)

Report No. 31-1F (PUBLISHED) TRANSDUCERS FOR MEASUREMENT OF PILE FORCES  
Date March, 1977 Pages: 68  
Note:  
Author(s) RE BARTOSKEWITZ; LJ MILBERGER et al

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Study No. 0-32 Status: TERMINATED Title: APPLICATION OF AASHO ROAD TEST RESULTS TO TEXAS CONDITIONS  
Start 07/16/62 End 08/31/69

Comment:  
Researcher(s) FH SCRIVNER (TTI)

Report No. 32-1 (PUBLISHED) A REPORT ON A MODIFICATION OF THE AASHO ROAD TEST  
Date May, 1963 Pages: 11 SERVICEABILITY INDEX FORMULA  
Note:  
Author(s) FH SCRIVNER

Report No. 32-2 (PUBLISHED) A STUDY OF THE TROXLER NUCLEAR SOIL DENSITY AND MOISTURE  
Date May, 1963 Pages: 75 GAUGES  
Note:  
Author(s) FH SCRIVNER

Report No. 32-3 (PUBLISHED) EVALUATION OF THE COHESIDMETER TEST FOR ASPHALTIC CONCRETE  
Date May, 1963 Pages: 38  
Note:  
Author(s) RA JIMENEZ

Report No. 32-4 (PUBLISHED) AN ELECTRO-MECHANICAL SYSTEM FOR MEASURING THE DYNAMIC  
Date December, 1964 Pages: 19 DEFLECTION OF A ROAD SURFACE CAUSED BY AN OSCILLATING LOAD  
Note:  
Author(s) FH SCRIVNER; WM MOORE

Report No. 32-5 (PUBLISHED) A REPORT ON - TRAILER FOR TRANSPORTING THE CHLOE  
Date November, 1964 Pages: 11 PROFILOMETER  
Note:  
Author(s) LE STARK

Report No. 32-6 (PUBLISHED) BENDING STRENGTH OF ASPHALTIC CONCRETE  
Date August, 1966 Pages: 50  
Note:  
Author(s) RA JIMENEZ

Report No. 32-7 (PUBLISHED) A TENTATIVE FLEXIBLE PAVEMENT DESIGN FORMULA AND ITS  
Date February, 1966 Pages: 96 RESEARCH BACKGROUND  
Note:  
Author(s) FH SCRIVNER; WM MOORE

Report No. 32-8 (PUBLISHED) EVALUATION OF THE STIFFNESS OF INDIVIDUAL LAYERS IN A  
Date June, 1966 Pages: 73 SPECIALLY DESIGNED PAVEMENT FACILITY FROM SURFACE  
Note: DEFLECTIONS  
Author(s) FH SCRIVNER; WM MOORE

Report No. 32-9 (PUBLISHED) SOME RECENT FINDINGS IN FLEXIBLE PAVEMENT RESEARCH  
Date July, 1967 Pages: 46  
Note:  
Author(s) FH SCRIVNER; WM MOORE



Report No. 32-10	(PUBLISHED)	A COMPARISON OF FOUR ROUGHNESS MEASURING SYSTEMS
Date August, 1968	Pages: 30	
Note:		
Author(s) MB PHILLIPS; G SWIFT		
Report No. 32-11	(PUBLISHED)	A SYSTEMS APPROACH TO THE FLEXIBLE PAVEMENT DESIGN PROBLEM
Date October, 1968	Pages: 99	NTIS PB183149
Note:		
Author(s) FH SCRIVNER; WM MOORE et al		
Report No. 32-12	(PUBLISHED)	AN EMPIRICAL EQUATION FOR PREDICTING PAVEMENT DEFLECTIONS
Date October, 1968	Pages: 42	
Note:		
Author(s) FH SCRIVNER; WM MOORE		
Report No. 32-13	(PUBLISHED)	FLEXIBLE PAVEMENT PERFORMANCE RELATED TO DEFLECTIONS, AXLE APPLICATIONS, TEMPERATURE AND FOUNDATION MOVEMENTS
Date January, 1969	Pages: 68	NTIS PB186036
Note:		
Author(s) FH SCRIVNER; CH MICHALAK		
Report No. 32-14	(PUBLISHED)	ANALYTICAL METHODS APPLIED TO THE MEASUREMENT OF DEFLECTIONS AND WAVE VELOCITIES ON HIGHWAY PAVEMENT: PART 1, MEASUREMENTS OF DEFLECTIONS
Date March, 1969	Pages: 69	
Note:		
Author(s) WH COGILL		
Report No. 32-15F	(PUBLISHED)	ANALYTICAL METHODS APPLIED TO THE MEASUREMENTS OF DEFLECTIONS AND WAVE VELOCITIES ON HIGHWAY PAVEMENTS: PART 2, MEASUREMENTS OF WAVE VELOCITIES
Date March, 1969	Pages: 82	
Note:		
Author(s) WH COGILL		

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Study No. 0-33	Status: TERMINATED	Title: A STUDY OF VARIABLES WHICH AFFECT THE BEHAVIOR OF CONCRETE PILES DURING DRIVING
Start 09/01/62	End 08/31/68	
Comment:		
Researcher(s)		

Report No. 33-1	(PUBLISHED)	A REPORT ON COMPUTER STUDY OF VARIABLES WHICH AFFECT THE BEHAVIOR OF CONCRETE PILES DURING DRIVING
Date August, 1963	Pages: 119	
Note:		
Author(s) TJ HIRSCH		
Report No. 33-2	(PUBLISHED)	A REPORT ON FIELD TESTS OF PRESTRESSED CONCRETE PILES DURING DRIVING
Date August, 1963	Pages: 44	
Note:		
Author(s) TJ HIRSCH		
Report No. 33-3	(PUBLISHED)	DRIVING PRACTICES FOR PRESTRESSED CONCRETE PILES
Date April, 1966	Pages: 7	
Note:		
Author(s) TJ HIRSCH		
Report No. 33-4	(PUBLISHED)	IMPACT LOAD-DEFORMATION PROPERTIES OF PILE CUSHIONING MATERIALS
Date May, 1966	Pages: 16	
Note:		
Author(s) TJ HIRSCH; TC EDWARDS		

Report No. 33-5	(PUBLISHED)	AN ANNOTATED BIBLIOGRAPHY: SOIL DYNAMICS AND SOIL RHEOLOGY
Date June, 1966	Pages: 23	
Note:		
Author(s) PC CHAN; TJ HIRSCH		
Report No. 33-6	(PUBLISHED)	PRELIMINARY INVESTIGATION OF HAULING STRESSES IN PRESTRESSE CONCRETE PILES
Date January, 1967	Pages: 19 NTIS PB174630	
Note:		
Author(s) TC EDWARDS; TJ HIRSCH		
Report No. 33-7	(PUBLISHED)	A LABORATORY STUDY OF DYNAMIC LOAD-DEFORMATION AND DAMPING PROPERTIES OF SAND CONCERNED WITH A PILE-SOIL SYSTEM
Date June, 1967	Pages: 41 NTIS PB176319	
Note:		
Author(s) PC CHAN; TJ HIRSCH et al		
Report No. 33-8	(PUBLISHED)	PILE-SOIL SYSTEM RESPONSE IN CLAY AS A FUNCTION OF EXCESS PORE WATER PRESSURE AND OTHER SOIL PROPERTIES
Date September, 1967	Pages: 37	
Note:		
Author(s) TP AIRHART; TJ HIRSCH et al		
Report No. 33-9	(PUBLISHED)	PILE DRIVING ANALYSIS--SIMULATION OF HAMMERS, CUSHIONS, PILES AND SOILS
Date August, 1967	Pages: 81 NTIS PB179271	
Note:		
Author(s) TJ HIRSCH; LL LOWERY et al		
Report No. 33-10	(PUBLISHED)	USE OF THE WAVE EQUATION TO PREDICT SOIL RESISTANCE ON A PILE DURING DRIVING
Date August, 1968	Pages: 32 NTIS PB182887	
Note:		
Author(s) LL LOWERY; TC EDWARDS et al		
Report No. 33-11	(PUBLISHED)	PILING ANALYSIS WAVE EQUATION COMPUTER PROGRAM UTILIZATION MANUAL
Date August, 1967	Pages: 40	
Note:		
Author(s) TC EDWARDS		
Report No. 33-12	(PUBLISHED)	A COMPARISON OF DYNAMIC PILE DRIVING FORMULAS WITH THE WAVE EQUATION
Date August, 1968	Pages: 16	
Note:		
Author(s) LL LOWERY; JR FINLEY et al		
Report No. 33-7A	(PUBLISHED)	INVESTIGATION OF SANDS SUBJECTED TO DYNAMIC LOADING
Date December, 1967	Pages: 9	
Note:		
Author(s) GN REEVES; HM COYLE et al		
Report No. 33-13F	(PUBLISHED)	PILE DRIVING ANALYSIS - STATE OF THE ART
Date January, 1969	Pages: 79 NTIS PB186029	
Note:		
Author(s) LL LOWERY; TJ HIRSCH et al		

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Study No. 0-34                      Status: TERMINATED                      Title: PROTECTIVE COATING FOR HARDENED CONCRETE  
Start 09/01/61   End 08/31/64  
Comment:  
Researcher(s) HL FURR (TTI)

Report No. 34-1F (PUBLISHED) MOISTURE PROTECTION FOR CONCRETE  
Date September, 1963 Pages: 54  
Note:  
Author(s) HL FURR

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Study No. 0-35 Status: TERMINATED Title: LIGHTWEIGHT CONCRETE  
Start 09/01/61 End 08/31/65  
Comment:  
Researcher(s)

Report No. 35-1 (PUBLISHED) A REPORT ON DURABILITY STUDIES OF STRUCTURAL LIGHTWEIGHT  
Date January, 1966 Pages: CONCRETE  
Note:  
Author(s)

Report No. 35-2F (PUBLISHED) SELECTED DURABILITY STUDIES OF STRUCTURAL LIGHTWEIGHT  
Date December, 1966 Pages: 40 CONCRETE  
Note:  
Author(s) WB LEDBETTER; TJ HIRSCH et al

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Study No. 0-36 Status: TERMINATED Title: PLANT MIX SEALS - MIX DESIGN AND PILOT TESTS  
Start 09/01/73 End 08/31/74  
Comment:  
Researcher(s) BM GALLAWAY (TTI)

Report No. 36-1F (PUBLISHED) MIXTURE DESIGN CONCEPTS, LABORATORY TESTS AND CONSTRUCTION  
Date October, 1974 Pages: 144 NTIS PB241077 GUIDES FOR OPEN GRADED BITUMINOUS OVERLAYS  
Note:  
Author(s) BM GALLAWAY; JA EPPS

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Study No. 0-37 Status: TERMINATED Title: DISTRICT EVALUATION OF NUCLEAR MOISTURE DENSITY INSTRUMENTS  
Start 09/01/61 End 08/31/66  
Comment:  
Researcher(s) JM BINGHAM (D-6)

Report No. 37-1 (PUBLISHED) AN EVALUATION OF THE MOISTURE AND DENSITY ROAD LOGGER UNIT  
Date October, 1965 Pages: 31  
Note:  
Author(s) JM BINGHAM; JR WHITE

Report No. 37-2F (PUBLISHED) DISTRICT EVALUATION OF NUCLEAR TYPE MOISTURE DENSITY  
Date February, 1966 Pages: 67 NTIS PB170873 INSTRUMENTS  
Note:  
Author(s) JM BINGHAM; JR WHITE

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Study No. 0-38 Status: TERMINATED Title: DETERMINATION OF ACCURACIES OF EARTHWORK QUANTITIES FROM  
Start 04/05/63 End 08/31/67 PHOTOGRAMMETRY MADE SURVEYS  
Comment:  
Researcher(s) RL MERRELL (D-8)

Report No. 38-1F (PUBLISHED) DETERMINATION OF ACCURACIES OF EARTHWORK QUANTITIES FROM  
Date May, 1968 Pages: 49 NTIS PB179585 PHOTO-GRAMMETRICALLY MADE SURVEYS  
Note:  
Author(s) RL MERRELL

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Study No. 0-39            Status: TERMINATED            Title: EVALUATION OF TERMINAL ANCHORAGE INSTALLATION OF RIGID  
 Start 04/05/63 End 08/31/66            PAVEMENTS  
 Comment:  
 Researcher(s) BF MCCULLOUGH (CTR)

Report No. 39-1                            (PUBLISHED)            A FIELD SURVEY AND EXPLORATORY EXCAVATION OF TERMINAL  
 Date March, 1965            Pages: 43            ANCHORAGE FAILURES ON JOINTED CONCRETE PAVEMENT  
 Note:  
 Author(s) BF MCCULLOUGH

Report No. 39-2                            (PUBLISHED)            PARAMETERS INFLUENCING TERMINAL MOVEMENT ON CONTINUOUSLY  
 Date August, 1964            Pages: 32            REINFORCED CONCRETE PAVEMENT  
 Note:  
 Author(s) BF MCCULLOUGH; TF SEWELL

Report No. 39-3                            (PUBLISHED)            A REPORT ON CONTINUITY BETWEEN A REINFORCED CONCRETE  
 Date August, 1966            Pages: 23            NTIS PB174972            PAVEMENT AND A CONTINUOUS SLAB BRIDGE  
 Note:  
 Author(s) BF MCCULLOUGH; FC HERBER

Report No. 39-4F                            (PUBLISHED)            AN EVALUATION OF TERMINAL ANCHORAGE INSTALLATIONS ON RIGID  
 Date September, 1966            Pages: 34            PAVEMENTS  
 Note:  
 Author(s) MD SHELBY; RL LEWIS et al

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Study No. 0-40            Status: TERMINATED            Title: IMPLEMENTATION OF AUTOMATED MAPPING SYSTEM  
 Start 09/01/72 End 08/31/73  
 Comment:  
 Researcher(s) TF HOWELL (D-19)

Report No. 40-1F                            (PUBLISHED)            IMPLEMENTATION OF AN AUTOMATED MAPPING SYSTEM  
 Date December, 1973            Pages: 39  
 Note:  
 Author(s) TF HOWELL

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Study No. 0-41            Status: TERMINATED            Title: BITUMINOUS TREATED BASES  
 Start 09/01/73 End 08/31/76  
 Comment:  
 Researcher(s) JA EPPS (TTI)

Report No. 41-1                            (PUBLISHED)            MIXTURE DESIGN METHODS FOR EMULSION-TREATED BASES AND  
 Date August, 1977            Pages: 73            NTIS PB279533            SURFACES  
 Note:  
 Author(s) DN LITTLE; JA EPPS et al

Report No. 41-2F                            (PUBLISHED)            ECONOMIC BITUMINOUS-TREATED BASES  
 Date September, 1977            Pages: 222            NTIS PB279488  
 Note:  
 Author(s) WA SCHOEN; JA EPPS et al

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Study No. 0-42            Status: TERMINATED            Title: COMPUTER PROGRAM DEVELOPMENT  
 Start 09/01/62 End 08/31/65  
 Comment:  
 Researcher(s) JF MANNIX (DS-21)

Report No. 42-1F (PUBLISHED) COMPUTER PROGRAM DEVELOPMENT  
Date December, 1965 Pages: 16 NTIS PB173661  
Note:  
Author(s) JF MANNIX

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Study No. 0-43 Status: TERMINATED Title: STATISTICAL STUDIES OF UNIT PRICES AND SPECIFICATION  
Start 09/01/62 End 08/31/65 DEVELOPMENT  
Comment:  
Researcher(s) WC TEINERT (D-8)

Report No. 43-1F (PUBLISHED) A HIGHWAY CONSTRUCTION BID PRICE INDEX  
Date March, 1965 Pages: 66  
Note:  
Author(s) WC TEINERT; EG LONG

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Study No. 0-44 Status: TERMINATED Title: STUDIES OF RIGHT-OF-WAY REMAINDERS  
Start 05/01/63 End 08/31/70  
Comment:  
Researcher(s) JD JORDAN (D-15)

Report No. 44-1 (PUBLISHED) EVALUATION REPORT OF THREE HUNDRED STUDIES OF RIGHT-OF-WAY  
Date May, 1967 Pages: 13 REMAINDERS  
Note:  
Author(s) BW MAULDIN

Report No. 44-2F (PUBLISHED) FINAL REPORT ON STUDIES OF RIGHT-OF-WAY REMAINDERS  
Date April, 1970 Pages: 13  
Note:  
Author(s) JD JORDAN

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Study No. 0-45 Status: TERMINATED Title: DETERMINING AND EVALUATING THE SKID CHARACTERISTICS OF  
Start 04/05/63 End 08/31/67 TEXAS HIGHWAYS  
Comment:  
Researcher(s) BF MCCULLOUGH (CTR)

Report No. 45-1 (PUBLISHED) DEVELOPMENT OF A SKID TEST TRAILER  
Date April, 1965 Pages: 34  
Note:  
Author(s) BF MCCULLOUGH; KD HANKINS

Report No. 45-2 (PUBLISHED) SKID RESISTANCE GUIDELINES FOR SURFACE IMPROVEMENTS ON  
Date January, 1965 Pages: 34 NTIS P8173166 TEXAS HIGHWAYS  
Note:  
Author(s) BF MCCULLOUGH; KD HANKINS

Report No. 45-3 (PUBLISHED) A STUDY OF FACTORS AFFECTING THE OPERATION OF A LOCKED  
Date August, 1966 Pages: 22 WHEEL SKID TRAILER  
Note:  
Author(s) BF MCCULLOUGH; KD HANKINS

Report No. 45-4 (PUBLISHED) PAVEMENT SURFACE TEXTURE AS RELATED TO SKID RESISTANCE  
Date August, 1967 Pages: 90  
Note:  
Author(s) KD HANKINS

Report No. 45-5F (PUBLISHED) PAVEMENT MATERIAL PROPERTIES AS RELATED TO SKID RESISTANCE  
Date August, 1969 Pages: 97 NTIS PB199354  
Note:  
Author(s) KD HANKINS

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Study No. 0-46 Status: TERMINATED Title: PERFORMANCE STUDY OF CONTINUOUSLY REINFORCED CONCRETE  
Start 04/05/63 End 08/31/68 PAVEMENT  
Comment:  
Researcher(s) BF MCCULLOUGH (CTR)

Report No. 46-1 (PUBLISHED) DEVELOPMENT OF EQUIPMENT AND TECHNIQUES FOR A STATEWIDE  
Date January, 1965 Pages: 64 NTIS PB169819 RIGID PAVEMENT DEFLECTION STUDY  
Note:  
Author(s) BF MCCULLOUGH

Report No. 46-2 (PUBLISHED) ANALYSIS OF STEEL STRESS AND CONCRETE MOVEMENT ON AN  
Date May, 1968 Pages: 120 EXPERIMENTAL CRCP  
Note:  
Author(s) BF MCCULLOUGH; HJ TREYBIG

Report No. 46-3 (PUBLISHED) EVALUATION OF SINGLE AXLE LOAD RESPONSE ON AN EXPERIMENTAL  
Date April, 1965 Pages: 32 NTIS PB169817 CONTINUOUSLY REINFORCED CONCRETE PAVEMENT  
Note:  
Author(s) BF MCCULLOUGH

Report No. 46-4 (PUBLISHED) DETERMINING THE RELATIONSHIP OF VARIABLES IN DEFLECTION OF  
Date August, 1965 Pages: 57 CONTINUOUSLY REINFORCED CONCRETE PAVEMENT  
Note:  
Author(s) BF MCCULLOUGH; HJ TREYBIG

Report No. 46-5 (PUBLISHED) A STATEWIDE DEFLECTION STUDY OF CONTINUOUSLY REINFORCED  
Date August, 1966 Pages: 87 NTIS PB174235 CONCRETE PAVEMENT IN TEXAS  
Note:  
Author(s) BF MCCULLOUGH; HJ TREYBIG

Report No. 46-6 (PUBLISHED) A LABORATORY STUDY OF VARIABLES THAT AFFECT PAVEMENT  
Date August, 1966 Pages: 37 NTIS PB174236 DEFLECTION  
Note:  
Author(s) BF MCCULLOUGH; IK MAYS

Report No. 46-7 (PUBLISHED) OBSERVATION AND ANALYSIS OF CONTINUOUSLY REINFORCED  
Date July, 1968 Pages: 43 NTIS PB179644 CONCRETE PAVEMENT  
Note:  
Author(s) HJ TREYBIG

Report No. 46-8F (PUBLISHED) PERFORMANCE OF CRCP IN TEXAS  
Date August, 1968 Pages: 33 NTIS PB185464  
Note:  
Author(s) HJ TREYBIG

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Study No. 0-47 Status: TERMINATED Title: T. V. SURVEILLANCE SYSTEM FOR BAYTOWN-LAPORTE TUNNEL  
Start 09/01/62 End 08/31/65  
Comment:  
Researcher(s) WR MCCASLAND (TTI)

Report No. 47-1F (PUBLISHED) EVALUATION OF THE TELEVISION SURVEILLANCE SYSTEM FOR THE  
Date February, 1966 Pages: 55 BAYTOWN-LAPORTE TUNNEL  
Note:  
Author(s) ML RADKE; WR MCCASLAND et al

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Study No. 0-48 Status: TERMINATED Title: COMPARISON OF AASHO AND TEXAS TEST METHODS AND  
Start 05/20/63 End 08/31/66 SPECIFICATIONS FOR FLEXIBLE BASE  
Comment:  
Researcher(s) C MCDOWELL (D-9)

Report No. 48-1F (PUBLISHED) COMPARISON OF ASSHO AND TEXAS TEST METHODS AND  
Date May, 1966 Pages: 68 SPECIFICATIONS FOR FLEXIBLE BASE MATERIALS  
Note:  
Author(s) C MCDOWELL

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Study No. 0-49 Status: TERMINATED Title: DEVELOPMENT OF A CONSTRUCTION CONTROL PROFILOGRAPH  
Start 05/21/63 End 08/31/67  
Comment:  
Researcher(s) KD HANKINS (D-8)

Report No. 49-1 (PUBLISHED) CONSTRUCTION CONTROL PROFILOGRAPH PRINCIPLES  
Date June, 1967 Pages: 36 NTIS P8177470  
Note:  
Author(s) KD HANKINS

Report No. 49-2 (PUBLISHED) A STUDY OF CONSTRUCTION EQUIPMENT AND INITIAL PAVEMENT  
Date August, 1968 Pages: 41 ROUGHNESS AS MEASURED WITH A PROFILOGRAPH  
Note:  
Author(s) KD HANKINS

Report No. 49-3F (PUBLISHED) DEVELOPMENT OF A CONSTRUCTION CONTROL PROFILOGRAPH  
Date August, 1968 Pages: 93 NTIS P8183921  
Note:  
Author(s) KD HANKINS; H ORELLANA

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Study No. 0-50 Status: ACTIVE Title: RESEARCH MANAGEMENT AND ADMINISTRATION  
Start 05/20/63 End / /  
Comment:  
Researcher(s) JP UNDERWOOD (D-10)

Report No. 50-1 (PUBLISHED) MANUAL OF PROCEDURES FOR RESEARCH STUDIES  
Date January, 1985 Pages: 61  
Note:  
Author(s)

Report No. 50-2 (PUBLISHED) CATALOG OF RESEARCH STUDIES AND REPORTS  
Date January, 1989 Pages: 243  
Note:  
Author(s)

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Study No. 0-51 Status: TERMINATED Title: USE OF LIGHTWEIGHT AGGREGATES IN SEAL COAT AND SURFACE  
Start 05/15/63 End 08/31/63 TREATMENT  
Comment:  
Researcher(s) BM GALLAWAY (TTI)

Report No. 51-1	(PUBLISHED)	INTERIM REPORT ON THE USE OF EXPANDED SHALE AND PRECOATED LIMESTONE AS COVERSTONE FOR SEAL COATS AND SURFACE TREATMENTS
Date August, 1964	Pages: 119	
Note:		
Author(s) BM GALLAWAY		
Report No. 51-2	(PUBLISHED)	A LABORATORY AND FIELD EVALUATION OF LIGHTWEIGHT AGGREGATES AS COVERSTONE FOR SEAL COATS AND SURFACE TREATMENTS
Date April, 1966	Pages: 119	
Note:		
Author(s) BM GALLAWAY; WJ HARPER		
Report No. 51-3	(PUBLISHED)	INTERIM REPORT ON THE LABORATORY CONSIDERATIONS FOR THE USE OF SYNTHETIC AGGREGATES FOR HOT-MIX ASPHALT PAVEMENTS
Date February, 1967	Pages: 44	NTIS PB174955
Note:		
Author(s) BM GALLAWAY; WJ HARPER		
Report No. 51-4F	(PUBLISHED)	FINAL REPORT ON THE USE OF LIGHTWEIGHT AGGREGATE IN FLEXIBLE PAVEMENTS
Date August, 1967	Pages: 34	NTIS PB178120
Note:		
Author(s) BM GALLAWAY; WJ HARPER		
Report No. 51-INT.	(PUBLISHED)	A RECOMMENDED SYNTHETIC COARSE AGGREGATE CLASSIFICATION SYSTEM
Date October, 1966	Pages: 21	
Note:		
Author(s) WB LEDBETTER; BM GALLAWAY et al		

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Study No. 0-52                      Status: TERMINATED                      Title: DESIGN CRITERIA FOR CANTILEVER ENDS OF BENT CAPS  
Start 09/01/62   End 10/31/64  
Comment:  
Researcher(s) PM FERGUSON (CTR)

Report No. 52-1F	(PUBLISHED)	DESIGN CRITERIA FOR OVERHANGING ENDS OF BENT CAPS - BOND AND SHEAR
Date August, 1964	Pages: 41	
Note:		
Author(s) PM FERGUSON		

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Study No. 0-53                      Status: TERMINATED                      Title: DEVELOPMENT LENGTH FOR ANCHOR BOLTS  
Start 06/01/63   End 08/31/65  
Comment:  
Researcher(s) JE BREEN (CTR)

Report No. 53-1F	(PUBLISHED)	DEVELOPMENT LENGTH FOR ANCHOR BOLTS
Date April, 1964	Pages: 67	
Note:		
Author(s) JE BREEN		

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Study No. 0-54                      Status: TERMINATED                      Title: PORTABLE SCALE FOR WEIGHING VEHICLES IN MOTION  
Start 06/01/63   End 08/31/67  
Comment:  
Researcher(s) CE LEE (CTR)

Report No. 54-1F	(PUBLISHED)	A PORTABLE ELECTRONIC SCALE FOR WEIGHING VEHICLES IN MOTION
Date August, 1968	Pages: 123	
Note:		
Author(s) CE LEE; NI AL-RASHID		

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Study No. 0-55	Status: TERMINATED	Title: CRITICAL MECHANICAL PROPERTIES OF STRUCTURAL LIGHTWEIGHT CONCRETE
Start 09/01/62	End 08/31/65	
Comment:		
Researcher(s) JN THOMPSON (CTR)		
Report No. 55-1	(PUBLISHED)	RELATIONSHIP BETWEEN CRITICAL MECHANICAL PROPERTIES AND AGE FOR STRUCTURAL LIGHTWEIGHT CONCRETE
Date February, 1964	Pages: 124	
Note:		
Author(s) WB LEDBETTER; JN THOMPSON		
Report No. 55-2	(PUBLISHED)	VOLUME CHANGES IN UNRESTRAINED STRUCTURAL LIGHTWEIGHT CONCRETE
Date August, 1964	Pages: 55	
Note:		
Author(s) JT HOUSTON; JN THOMPSON		
Report No. 55-3F	(PUBLISHED)	CRITICAL MECHANICAL PROPERTIES OF STRUCTURAL LIGHTWEIGHT CONCRETE AND THE EFFECTS OF THESE PROPERTIES ON THE DESIGN OF THE PAVEMENT STRUCTURE
Date January, 1965	Pages: 82	
Note:		
Author(s) WB LEDBETTER; ES PERRY et al		

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Study No. 0-56	Status: TERMINATED	Title: COMPUTER SIMULATION OF BEAM COLUMNS AND GRID-BEAM SLAB SYSTEMS
Start 06/01/62	End 08/31/72	
Comment:		
Researcher(s) H MATLOCK (CTR)		
Report No. 56-1	(PUBLISHED)	A FINITE-ELEMENT METHOD OF SOLUTION FOR LINEARLY ELASTIC BEAM-COLUMNS
Date September, 1966	Pages: 198	
Note:		
Author(s) H MATLOCK; TA HALIBURTON		
Report No. 56-2	(PUBLISHED)	A COMPUTER PROGRAM TO ANALYZE BENDING OF BENT CAPS
Date October, 1966	Pages: 149	
Note:		
Author(s) H MATLOCK; WB INGRAM		
Report No. 56-3	(PUBLISHED)	A FINITE-ELEMENT METHOD OF SOLUTION FOR STRUCTURAL FRAMES
Date May, 1967	Pages: 112	
Note:		
Author(s) H MATLOCK; BR GRUBBS		
Report No. 56-4	(PUBLISHED)	A COMPUTER PROGRAM TO ANALYZE BEAM-COLUMNS UNDER MOVEABLE LOADS
Date June, 1968	Pages: 198	
Note:		
Author(s) H MATLOCK; TP TAYLOR		
Report No. 56-5	(PUBLISHED)	A FINITE-ELEMENT METHOD FOR BENDING ANALYSIS OF LAYERED STRUCTURAL SYSTEMS
Date June, 1967	Pages: 263	
Note:		
Author(s) WB INGRAM; H MATLOCK		
Report No. 56-6	(PUBLISHED)	DISCONTINUOUS ORTHOTROPIC PLATES AND PAVEMENT SLABS
Date May, 1966	Pages: 235	
Note:		
Author(s) WR HUDSON; H MATLOCK		

Report No. 56-7 Date July, 1967 Note: Author(s) TA HALIBURTON; H MATLOCK	Pages: 158	(PUBLISHED)	A FINITE-ELEMENT ANALYSIS OF STRUCTURAL FRAMES
Report No. 56-8 Date June, 1967 Note: Author(s) H SALANI; H MATLOCK	Pages: 125	(PUBLISHED)	A FINITE-ELEMENT METHOD FOR TRANSVERSE VIBRATION OF BEAMS AND PLATES
Report No. 56-9 Date October, 1967 Note: Author(s) CF STELZER; WR HUDSON	Pages: 139	(PUBLISHED)	A DIRECT COMPUTER SOLUTION FOR PLATES AND PAVEMENT SLABS
Report No. 56-10 Date January, 1968 Note: Author(s) TP TAYLOR; H MATLOCK	Pages: 161	(PUBLISHED)	A FINITE-ELEMENT METHOD OF ANALYSIS FOR COMPOSITE BEAMS
Report No. 56-11 Date April, 1969 Note: Author(s) CM PEARRE; WR HUDSON	Pages: 227	(PUBLISHED)	A DISCRETE-ELEMENT SOLUTION OF PLATES AND PAVEMENT SLABS USING A VARIABLE-INCREMENT LENGTH MODEL
Report No. 56-12 Date December, 1969 Note: Author(s) DF TANKERSLEY; WP DAWKINS	Pages: 227	(PUBLISHED)	A DISCRETE-ELEMENT METHOD OF ANALYSIS FOR COMBINED BENDING AND SHEAR DEFORMATIONS OF A BEAM
Report No. 56-13 Date August, 1968 Note: Author(s) JJ PANAK; H MATLOCK	Pages: 195	(PUBLISHED)	A DISCRETE-ELEMENT OF MULTIPLE-LOADING ANALYSIS FOR TWO-WAY BRIDGE FLOOR SLABS
Report No. 56-14 Date May, 1969 Note: Author(s) WP DAWKINS; JR RUSER	Pages: 240	(PUBLISHED)	A DIRECT COMPUTER SOLUTION FOR PLANE FRAMES
Report No. 56-15 Date April, 1970 Note: Author(s) SL AGARWAL; WR HUDSON	Pages: 255	(PUBLISHED)	EXPERIMENTAL VERIFICATION OF DISCRETE-ELEMENT SOLUTIONS FOR PLATES AND PAVEMENT SLABS
Report No. 56-16 Date January, 1970 Note: Author(s) QS SIDDIQI; WR HUDSON	Pages: 109	(PUBLISHED)	EXPERIMENTAL EVALUATION OF SUBGRADE MODULUS AND ITS APPLICATION IN MODEL SLAB STUDIES
Report No. 56-17 Date July, 1970 Note: Author(s) AE KELLEY; H MATLOCK	Pages: 289	(PUBLISHED)	DYNAMIC ANALYSIS OF DISCRETE-ELEMENT PLATES ON NONLINEAR FOUNDATIONS

Report No. 56-18	(PUBLISHED)	A DISCRETE-ELEMENT ANALYSIS FOR ANISOTROPIC SKEW PLATES AND GRIDS
Date August, 1970	Pages: 203	
Note:		
Author(s) MR VORA; H MATLOCK		
Report No. 56-19	(PUBLISHED)	AN ALGEBRAIC EQUATION SOLUTION PROCESS FORMULATED IN ANTICIPATION OF BANDED LINEAR EQUATIONS
Date January, 1971	Pages: 103	
Note:		
Author(s) FL ENDRES; H MATLOCK		
Report No. 56-20	(PUBLISHED)	FINITE-ELEMENT METHOD OF ANALYSIS FOR PLANE CURVED GIRDERS
Date June, 1971	Pages: 105	
Note:		
Author(s) WP DAWKINS		
Report No. 56-21	(PUBLISHED)	LINEARLY ELASTIC ANALYSIS OF PLANE FRAMES SUBJECTED TO COMPLEX LOADING CONDITIONS
Date June, 1971	Pages: 233	
Note:		
Author(s) CO HAYS; H MATLOCK		
Report No. 56-22	(PUBLISHED)	ANALYSIS OF BENDING STIFFNESS VARIATION AT CRACKS IN CONTINUOUS PAVEMENTS
Date April, 1972	Pages: 125	
Note:		
Author(s) A ABOU-AYYASH; WR HUDSON		
Report No. 56-23	(PUBLISHED)	A NONLINEAR ANALYSIS OF STATICALLY LOADED PLANE FRAMES USING A DISCRETE ELEMENT MODEL
Date May, 1972	Pages: 331	
Note:		
Author(s) CO HAYS; H MATLOCK		
Report No. 56-24	(PUBLISHED)	A DISCRETE-ELEMENT METHOD FOR TRANSVERSE VIBRATIONS OF BEAM-COLUMNS RESTING ON LINEARLY ELASTIC OR INELASTIC SUPPORTS
Date June, 1972	Pages: 229	
Note:		
Author(s) CJ HSAIO-CHIEH; H MATLOCK		
Report No. 56-25	(PUBLISHED)	A DISCRETE-ELEMENT METHOD OF ANALYSIS FOR ORTHOGONAL SLAB AND GRID BRIDGE FLOOR SYSTEMS
Date May, 1972	Pages: 135	
Note:		
Author(s) JJ PANAK; H MATLOCK		
Report No. 56-26	(PUBLISHED)	APPLICATION OF SLAB ANALYSIS METHODS TO RIGID PAVEMENT PROBLEMS
Date May, 1972	Pages: 69	NTIS PB219023
Note:		
Author(s) HJ TREYBIG; WR HUDSON et al		
Report No. 56-27	(PUBLISHED)	A SUMMARY OF DISCRETE-ELEMENT METHODS OF ANALYSIS FOR PAVEMENT SLABS
Date November, 1972	Pages: 50	
Note:		
Author(s) WR HUDSON; HJ TREYBIG et al		
Report No. 56-28	(PUBLISHED)	FINITE-ELEMENT ANALYSIS OF BRIDGE DECKS
Date August, 1972	Pages: 129	
Note:		
Author(s) MR ABDELRAOUF; H MATLOCK		

Report No. 56-29F (PUBLISHED) COMPUTER SIMULATION OF BEAM COLUMNS AND GRID BEAM AND SLAB  
Date August, 1973 Pages: 70 NTIS PB242363 SYSTEMS - FINAL REPORT  
Note:  
Author(s) JJ PANAK

Report No. 56-INT. (PUBLISHED) FIELD INVESTIGATION OF A SKEWED, POST-STRESSED CONTINUOUS  
Date May, 1970 Pages: 37 SLAB STRUCTURE  
Note:  
Author(s) H MATLOCK; JJ PANAK et al

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Study No. 0-57 Status: TERMINATED Title: DEVELOPMENT OF IMPROVED METHOD FOR PAVEMENT REHABILITATION  
Start 09/01/73 End 08/31/74 FORECASTING  
Comment:  
Researcher(s) WM MOORE (TTI)

Report No. 57-1F (PUBLISHED) FORECASTING SERVICEABILITY LOSS OF FLEXIBLE PAVEMENTS  
Date November, 1974 Pages: 79 NTIS PB244603  
Note:  
Author(s) DY LU; RL LYTTON et al

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Study No. 0-58 Status: TERMINATED Title: EFFECT OF RIGHT-OF-WAY ACQUISITION ON RURAL FARMS AND  
Start 05/08/63 End 08/31/70 RANCHES  
Comment:  
Researcher(s) HG MEUTH (TTI)

Report No. 58-1 (PUBLISHED) INTERIM REPORT OF THE RIGHT-OF-WAY ACQUISITION EFFECTS ON  
Date January, 1965 Pages: 36 THE REMAINING RURAL FARMS AND RANCHES IN MADISON COUNTRY  
Note:  
Author(s) HG MEUTH

Report No. 58-2 (PUBLISHED) DATA PROGRESS REPORT OF THE RIGHT-OF-WAY ACQUISITION  
Date January, 1967 Pages: 48 EFFECTS ON THE REMAINING RURAL FARMS AND RANCHES ALONG  
Note: IH-35E IN ELLIS COUNTY  
Author(s) HG MEUTH

Report No. 58-3 (PUBLISHED) DATA PROGRESS REPORT ON THE RIGHT-OF-WAY ACQUISITION  
Date October, 1967 Pages: 54 EFFECTS ON THE REMAINING RURAL FARMS AND RANCHES ALONG  
Note: IH-10 THROUGH COLORADO AND FAYETTE COUNTIES  
Author(s) HG MEUTH

Report No. 58-4 (PUBLISHED) RIGHT-OF-WAY EFFECTS OF CONTROLLED ACCESS TYPE HIGHWAY ON  
Date December, 1968 Pages: 139 NTIS PB105435 A RANCHING AREA IN MADISON COUNTY, TEXAS  
Note:  
Author(s) HG MEUTH

Report No. 58-5 (PUBLISHED) RIGHT-OF-WAY EFFECTS OF CONTROLLED ACCESS TYPE HIGHWAY ON  
Date July, 1969 Pages: 133 A FARMING AREA IN ELLIS COUNTY, TEXAS  
Note:  
Author(s) HG MEUTH; JL BUFFINGTON

Report No. 58-6 (PUBLISHED) RIGHT-OF-WAY EFFECTS OF CONTROLLED ACCESS TYPE HIGHWAY ON A  
Date November, 1970 Pages: 107 FARMING AREA IN COLDRAOD AND FAYETTE COUNTIES, TEXAS  
Note:  
Author(s) HG MEUTH

Report No. 58-7F (PUBLISHED) THE EFFECT OF RIGHT-OF-WAY ACQUISITION OF FARM AND RANCH  
Date June, 1971 Pages: 37 OPERATING UNITS  
Note:  
Author(s) HG MEUTH

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Study No. 0-59 Status: TERMINATED Title: EFFECTS OF OFF-RAMPS ON FREEWAY OPERATIONS  
Start 09/01/62 End 08/31/65  
Comment:  
Researcher(s) WR MCCASLAND (TTI)

Report No. 59-1 (PUBLISHED) THE EFFECTS OF OFF-RAMPS ON FREEWAY OPERATION AS RELATED  
Date October, 1965 Pages: 41 TO DECELERATION DISTANCE AND OFF-RAMP CAPACITY  
Note: COMBINED IN 4F  
Author(s)

Report No. 59-2 (PUBLISHED) THE EFFECTS OF OFF-RAMPS ON FREEWAY OPERATION AS RELATED  
Date October, 1965 Pages: 41 TO SHORT TRIP GENERATION, WEAVING MANUEVERS, AND ACCESS  
Note: COMBINED IN 4F CONTROL  
Author(s)

Report No. 59-3 (PUBLISHED) THE EFFECTS OF OFF-RAMPS ON FREEWAY OPERATION AS RELATED  
Date October, 1965 Pages: 41 TO ACCESS PROVISIONS  
Note: COMBINED IN 4F  
Author(s)

Report No. 59-4F (PUBLISHED) EFFECTS OF OFF-RAMPS ON FREEWAY OPERATIONS  
Date October, 1965 Pages: 41  
Note:  
Author(s) WE TIPTON; JD CARVELL et al

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Study No. 0-60 Status: TERMINATED Title: TRAFFIC ASSIGNMENT  
Start 06/20/63 End 08/31/67  
Comment:  
Researcher(s) DE CLEVELAND (TTI)

Report No. 60-1 (PUBLISHED) TEXAS A&M TRAFFIC ASSIGNMENT LINK DATA EDITOR FOR IBM 1401  
Date November, 1963 Pages: 12 DATA PROCESSING SYSTEM  
Note:  
Author(s) GN WILLIAMS

Report No. 60-2 (PUBLISHED) TEXAS A&M TRAFFIC ASSIGNMENT EDIT PRINT TRIP VOLUMES FOR  
Date November, 1963 Pages: 2 IBM 1401 DATA PROCESSING SYSTEM  
Note:  
Author(s) WF PRY

Report No. 60-3 (PUBLISHED) TRAFFIC ASSIGNMENT PLOT SYSTEMS FOR IBM 1401 AND IBM  
Date September, 1964 Pages: 34 709-90-94 DATA PROCESSING SYSTEMS  
Note:  
Author(s) WF PRY

Report No. 60-4 (PUBLISHED) UTILIZATION OF COMPUTER PLOTTING IN TRAFFIC ASSIGNMENT  
Date November, 1964 Pages: 20 ANALYSIS  
Note:  
Author(s) WF PRY; C PINNELL

Report No. 60-5	(PUBLISHED)	OPERATING SYSTEM MANUAL FOR REVISED TEXAS TRAFFIC ASSIGNMENT SYSTEM
Date March, 1965	Pages: 53	
Note:		
Author(s) CW BLUMENTRITT		
Report No. 60-6	(PUBLISHED)	USER'S MANUAL FOR THE TEXAS LARGE SYSTEMS TRAFFIC ASSIGNMENT PROGRAMS
Date November, 1966	Pages: 165	
Note:		
Author(s) VG STOVER; CW BLUMENTRITT		
Report No. 60-7	(PUBLISHED)	AVAILABILITY OF SECONDARY DATA FOR DETERMINING EMPLOYMENT AND SALES BY TRAFFIC ZONES
Date July, 1967	Pages: 32	
Note:		
Author(s) WF MCFARLAND; VG STOVER		
Report No. 60-8	(PUBLISHED)	THE EFFECT OF ZONE SIZE ON TRAFFIC
Date August, 1967	Pages: 29	
Note:		
Author(s) DL WOODS; VG STOVER		
Report No. 60-9	(PUBLISHED)	TEXAS TRAFFIC ASSIGNMENT PRACTICE
Date October, 1967	Pages: 72	
Note:		
Author(s) VG STOVER; JT BRUDESETH		
Report No. 60-10	(PUBLISHED)	THE EFFECT OF TURN PENALTIES ON MINIMUM PATHS IN CODED STREET NETWORKS
Date April, 1968	Pages: 24	
Note:		
Author(s) JT BRUDESETH; DL WOODS		
Report No. 60-11	(PUBLISHED)	THE EFFECT OF NETWORK DETAIL ON TRAFFIC ASSIGNMENT RESULTS
Date August, 1967	Pages: 60	
Note:		
Author(s) GD LONG; VG STOVER		
Report No. 60-12	(PUBLISHED)	A PARTIAL ANALYSIS OF TRIP GENERATION
Date August, 1968	Pages: 73	
Note:		
Author(s) JC GOODKNIGHT		
Report No. 60-13	(PUBLISHED)	AN EVALUATION OF THE GRAVITY MODEL TRIP DISTRIBUTION
Date August, 1968	Pages: 96	
Note:		
Author(s) GD LONG		
Report No. 60-14F	(PUBLISHED)	FINAL SUMMARY REPORT ON THE TRAFFIC ASSIGNMENT STUDY
Date October, 1969	Pages: 20	
Note:		
Author(s) VG STOVER		

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Study No. 0-61	Status: TERMINATED	Title: DEVELOPMENT OF INSTRUMENT FOR NON-DESTRUCTIVE MEASUREMENT OF CONCRETE PAVEMENT THICKNESS
Start 06/25/63	End 08/31/66	
Comment:		
Researcher(s) W MOORE (D-9)		

Report No. 61-1F (PUBLISHED) DEVELOPMENT OF INSTRUMENT FOR NON-DESTRUCTIVE MEASUREMENT  
Date June, 1967 Pages: 35 NTIS PB175948 OF CONCRETE PAVEMENT THICKNESS  
Note:  
Author(s) JR CANFIELD; WM MOORE

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Study No. 0-62 Status: TERMINATED Title: INSULATION OF BRIDGE DECKS FOR ICE PREVENTION AND REDUCTION  
Start 07/02/63 End 08/31/66 OF FREEZE-THAW CYCLES  
Comment:  
Researcher(s) LG WALKER (D-5)

Report No. 62-1F (PUBLISHED) INSULATION OF BRIDGE DECKS FOR ICE PREVENTION AND REDUCTION  
Date February, 1966 Pages: 69 NTIS PB176076 OF FREEZE-THAW CYCLES  
Note:  
Author(s) HD BUTLER

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Study No. 0-63 Status: TERMINATED Title: PREPARATION OF GEOLOGIC INFORMATION FOR USE IN TEXAS  
Start 07/02/63 End 08/31/66 HIGHWAY DEPARTMENT  
Comment:  
Researcher(s) JL BROWN (D-8)

Report No. 63-1 (PUBLISHED) GEOLOGY OF TEXAS HIGHWAY DEPARTMENT - DISTRICT 9  
Date August, 1966 Pages: 85  
Note:  
Author(s)

Report No. 63-2 (PUBLISHED) THE SURFACE GEOLOGY AND RELATED SOILS OF DISTRICT 2 AND  
Date September, 1966 Pages: 42 ASSOCIATED MAPS  
Note:  
Author(s) JT GORDON

Report No. 63-3 (PUBLISHED) GEOLOGY OF TEXAS HIGHWAY DEPARTMENT - DISTRICT 11  
Date November, 1966 Pages: 61  
Note:  
Author(s) HB DAVIS

Report No. 63-4F (PUBLISHED) GEOLOGY OF TEXAS HIGHWAY DEPARTMENT - DISTRICT 19  
Date January, 1968 Pages: 31  
Note:  
Author(s) JL BROWN; JE BETTS

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Study No. 0-64 Status: TERMINATED Title: AN ANALYSIS OF THE AVAILABILITY OF ECONOMIC BASE INFORMATION  
Start 09/01/62 End 08/31/64 IN 19 URBAN AREAS IN TEXAS  
Comment:  
Researcher(s) CV WOOTAN (TTI)

Report No. 64-1F (PUBLISHED) AN ANALYSIS OF THE AVAILABILITY OF ECONOMIC BASE  
Date December, 1963 Pages: 212 INFORMATION IN NINETEEN URBAN AREAS IN TEXAS  
Note:  
Author(s) CV WOOTAN

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Study No. 0-65 Status: TERMINATED Title: ANALYSIS OF ACCESS VIOLATIONS ON CONTROLLED ACCESS  
Start 09/01/62 End 10/31/65 FACILITIES  
Comment:  
Researcher(s) C PINNELL (TTI)

Report No. 65-1F (PUBLISHED) ANALYSIS OF ACCESS VIOLATIONS ON CONTROLLED ACCESS  
Date August, 1965 Pages: 48 FACILITIES  
Note:  
Author(s) WE TIPTON

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Study No. 0-66 Status: TERMINATED Title: FRONTAGE ROADS AND ECONOMIC DEVELOPMENT  
Start 09/01/63 End 08/31/66  
Comment:  
Researcher(s) R HOY (TTI)

Report No. 66-1 (PUBLISHED) FRONTAGE ROADS AND ECONOMIC DEVELOPMENT  
Date November, 1965 Pages: 44  
Note:  
Author(s) HA RICHARDS; WH ALLIO

Report No. 66-2F (PUBLISHED) A STUDY OF INTERSTATE HIGHWAYS, FRONTAGE ROADS AND PLANT  
Date October, 1968 Pages: 158 NTIS PB180351 LOCATION  
Note:  
Author(s) HA RICHARDS; JP MILLER et al

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Study No. 0-67 Status: TERMINATED Title: ESTABLISHMENT AND MAINTENANCE OF VEGETATION ON HIGHWAY  
Start 09/01/63 End 08/31/69 RIGHT-OF-WAY  
Comment:  
Researcher(s) WG MCCULLY (TTI)

Report No. 67-1 (NOT PUBLISHED) CONTROL OF GRASSES AND WEEDS GROWING IN ASPHALT PAVEMENTS  
Date January, 1967 Pages: 10  
Note: UNPUBLISHED  
Author(s) WG MCCULLY; WJ BOWMER et al

Report No. 67-2 (PUBLISHED) CONTROLLING BROADLEAF WEEDS IN ASPHALT PAVEMENTS  
Date January, 1967 Pages: 2  
Note:  
Author(s) WJ BOWMER; WG MCCULLY et al

Report No. 67-3 (PUBLISHED) PRE-EMERGENCE HERBICIDES AID IN GRASS ESTABLISHMENT  
Date January, 1967 Pages: 3  
Note:  
Author(s) WJ BOWMER

Report No. 67-6 (PUBLISHED) PROMOTING ESTABLISHMENT OF VEGETATION FOR EROSION CONTROL  
Date July, 1967 Pages: 19  
Note:  
Author(s) WG MCCULLY; WJ BOWMER

Report No. 67-7 (PUBLISHED) ESTABLISHMENT OF BERMUDAGRASS SEEDED WITH ANNUAL RYEGRASS  
Date June, 1968 Pages: 18  
Note:  
Author(s) WJ BOWMER; WG MCCULLY

Report No. 67-8F (PUBLISHED) EROSION CONTROL ON ROADSIDES IN TEXAS  
Date July, 1969 Pages: 33  
Note:  
Author(s) WG MCCULLY; WJ BOWMER

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Study No. 0-68                    Status: TERMINATED                    Title: SIGN SUPPORT STRUCTURES  
Start 09/01/63 End 08/31/66  
Comment:  
Researcher(s) NJ ROWAN (TTI)

Report No. 68-1                    (PUBLISHED)                    IMPACT BEHAVIOR OF SIGN SUPPORTS  
Date March, 1965                    Pages: 46  
Note:  
Author(s) CH SAMSON; NJ ROWAN et al

Report No. 68-2                    (PUBLISHED)                    IMPACT BEHAVIOR OF SIGN SUPPORTS - II  
Date September, 1965                    Pages: 115  
Note:  
Author(s) NJ ROWAN; RM OLSON et al

Report No. 68-3                    (PUBLISHED)                    INSTRUMENTATION AND PHOTOGRAPHIC TECHNIQUES FOR DETERMINING  
DISPLACEMENT, VELOCITY CHANGE, AND DECELERATION OF VEHICLES  
Date September, 1966                    Pages: 119  
Note:  
Author(s) RM OLSON; NJ ROWAN

Report No. 68-4F                    (PUBLISHED)                    DEVELOPMENT OF BREAK-AWAY SIGN SUPPORTS AND SLOTTED STEEL  
DATE MECHANICAL FUSES  
Date October, 1968                    Pages: 12                    NTIS PB185070  
Note:  
Author(s) NJ ROWAN; RM OLSON et al

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Study No. 0-69                    Status: TERMINATED                    Title: CREEP IN PRESTRESSED LIGHTWEIGHT CONCRETE  
Start 09/01/62 End 08/31/69  
Comment:  
Researcher(s) HL FURR (TTI)

Report No. 69-1                    (PUBLISHED)                    CREEP IN LIGHTWEIGHT AGGREGATE PRESTRESSED CONCRETE  
Date November, 1964                    Pages: 30  
Note:  
Author(s) HL FURR

Report No. 69-2                    (PUBLISHED)                    CREEP IN PRESTRESSED LIGHTWEIGHT CONCRETE  
Date October, 1967                    Pages: 153  
Note:  
Author(s) HL FURR; R SINNO

Report No. 69-3F                    (PUBLISHED)                    PRESTRESS LOSS AND CREEP CAMBER IN A HIGHWAY BRIDGE WITH  
REINFORCED CONCRETE SLAB ON PRETENSIONED PRESTRESSED  
Date October, 1968                    Pages: 144                    NTIS PB184894  
Note:  
Author(s) HL FURR; R SINNO et al

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Study No. 0-70                    Status: TERMINATED                    Title: CHEMICAL ADMIXES FOR CONCRETE  
Start 09/01/62 End 08/31/66  
Comment:  
Researcher(s) TR JONES (TTI)

Report No. 70-1                    (PUBLISHED)                    THE EFFECT OF CHEMICAL ADMIXTURES ON THE DRYING SHRINKAGE  
OF CONCRETE AND THE CONTROL OF CHEMICAL UNIFORMITY OF  
Date August, 1964                    Pages: 34  
Note:  
Author(s) PH TORRANS; DL IVEY et al

Report No. 70-2 (NOT PUBLISHED) EFFECTS OF CONCRETE ADMIXES IN CONCRETE AND MORTAR  
Date August, 1965 Pages: 49  
Note:  
Author(s) DL IVEY; TJ HIRSCH

Report No. 70-3F (PUBLISHED) EFFECTS OF CHEMICAL ADMIXTURES IN CONCRETE AND MORTAR  
Date August, 1964 Pages: 21  
Note:  
Author(s) DL IVEY; TJ HIRSCH

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Study No. 0-71 Status: TERMINATED Title: DELETERIOUS MATERIALS IN CONCRETE  
Start 09/01/62 End 08/31/66  
Comment:  
Researcher(s) TR JONES (TTI)

Report No. 71-1 (PUBLISHED) CORRELATION OF CONCRETE PROPERTIES WITH TESTS FOR CLAY  
Date August, 1964 Pages: 21 CONTENT OF AGGREGATE  
Note:  
Author(s) CE BUTH; DL IVEY et al

Report No. 71-2 (NOT PUBLISHED) INFLUENCE OF CLAY ON CONCRETE PROPERTIES  
Date August, 1965 Pages: 24  
Note:  
Author(s) CE BUTH; DL IVEY et al

Report No. 71-3F (PUBLISHED) CLAY, AGGREGATE AND CONCRETE  
Date March, 1967 Pages: 34  
Note:  
Author(s) CE BUTH; DL IVEY et al

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Study No. 0-72 Status: TERMINATED Title: STUDY OF ELECTRICALLY HEATED BRIDGE DECKS FOR ICE  
Start 12/31/63 End 08/31/66 PREVENTION  
Comment:  
Researcher(s) LG WALKER (D-5)

Report No. 72-1F (PUBLISHED) STUDY OF ELECTRICALLY HEATED DECKS FOR ICE PREVENTION  
Date March, 1968 Pages: 69  
Note:  
Author(s) HD BUTLER

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Study No. 0-73 Status: TERMINATED Title: FEASIBILITY STUDY FOR HIGH-SPEED ROAD PROFILEMETER  
Start 09/01/62 End 08/31/70 EQUIPMENT  
Comment:  
Researcher(s) WR HUDSON (CTR)

Report No. 73-1 (PUBLISHED) HIGH-SPEED ROAD PROFILE EQUIPMENT EVALUATION  
Date January, 1966 Pages: 36  
Note:  
Author(s) WR HUDSON

Report No. 73-2 (PUBLISHED) A PROFILE MEASURING, RECORDING, AND PROCESSING SYSTEM  
Date May, 1969 Pages: 81  
Note:  
Author(s) RS WALKER; FL ROBERTS et al

Report No. 73-3	(PUBLISHED)	PAVEMENT SERVICEABILITY EQUATIONS USING THE SURFACE DYNAMICS PROFILOMETER
Date April, 1970	Pages: 189	
Note:		
Author(s) FL ROBERTS; WR HUDSON		
Report No. 73-4	(PUBLISHED)	ANALOG-TO-DIGITAL SYSTEM
Date April, 1970	Pages: 103	
Note:		
Author(s) RS WALKER; WR HUDSON		
Report No. 73-5F	(PUBLISHED)	DEVELOPMENT OF A SYSTEM FOR HIGH SPEED MEASUREMENT OF PAVEMENT ROUGHNESS - FINAL REPORT
Date May, 1971	Pages: 68	NTIS PB204270
Note:		
Author(s) RS WALKER; WR HUDSON et al		

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Study No. 0-74	Status: TERMINATED	Title: A STUDY OF THE APPLICATION OF PROPOSED NEW TEST METHODS AND SPECIFICATIONS TO ASPHALT CEMENTS
Start 04/14/64	End 03/06/67	
Comment:		
Researcher(s) CW CHAFFIN (D-9)		

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Study No. 0-75	Status: TERMINATED	Title: SUPPLEMENTARY STUDIES IN HIGHWAY ILLUMINATION
Start 05/22/64	End 08/31/69	
Comment:		
Researcher(s) NJ ROWAN (TTI)		

Report No. 75-1	(PUBLISHED)	AN INTERIM REPORT ON A STUDY OF ROADWAY LIGHTING SYSTEMS
Date August, 1966	Pages: 92	NTIS PB180192
Note:		
Author(s) NJ BROWN; PT MCCOY		

Report No. 75-2	(PUBLISHED)	IMPACT BEHAVIOR OF LIGHTING STANDARDS
Date September, 1966	Pages: 9	
Note:		
Author(s) NJ ROWAN		

Report No. 75-3	(PUBLISHED)	AN INTERIM REPORT ON ROADSIDE SIGN VISIBILITY
Date June, 1967	Pages: 38	NTIS PB176103
Note:		
Author(s) NE WALTON; NJ ROWAN		

Report No. 75-4	(PUBLISHED)	PHOTOMETRIC STUDIES OF THE AUSTIN 'MOONLIGHT' TOWER LIGHTING SYSTEMS
Date October, 1966	Pages: 15	
Note:		
Author(s) NJ ROWAN; NE WALTON		

Report No. 75-5	(PUBLISHED)	AN INTERIM REPORT ON A STUDY OF VISIBILITY VEILING BRIGHTNESS
Date June, 1967	Pages: 43	NTIS PB171770
Note:		
Author(s) NJ ROWAN; HC JENSEN et al		

Report No. 75-6	(PUBLISHED)	PHOTOMETRIC STUDIES OF CUT-OFF LUMINAIRE DESIGNS
Date October, 1967	Pages: 70	
Note:		
Author(s) NE WALTON; NJ ROWAN		

Report No. 75-7 (PUBLISHED) INTERIM PROGRESS REPORT ON SUPPLEMENTARY STUDIES IN  
 Date October, 1967 Pages: 46 NTIS PB179273 HIGHWAY ILLUMINATION  
 Note:  
 Author(s) NE WALTON; NJ ROWAN

Report No. 75-8 (PUBLISHED) IMPACT BEHAVIOR OF LUMINAIRE SUPPORTS  
 Date October, 1967 Pages: 38  
 Note:  
 Author(s) NJ ROWAN; EW KANAKI

Report No. 75-9 (PUBLISHED) AN ANALYTICAL SOLUTION OF THE IMPACT BEHAVIOR OF LUMINAIRE  
 Date August, 1967 Pages: 166 SUPPORT ASSEMBLIES  
 Note:  
 Author(s) JE MARTINEZ

Report No. 75-10 (PUBLISHED) MULTI-DIRECTIONAL SLIP BASE FOR BREAK-AWAY LUMINAIRE  
 Date August, 1967 Pages: 29 SUPPORTS  
 Note:  
 Author(s) TC EDWARDS

Report No. 75-11 (PUBLISHED) FATIGUE ANALYSIS OF THE CAST ALUMINUM BASE  
 Date August, 1968 Pages: 27  
 Note:  
 Author(s) HE ROSS; TC EDWARDS et al

Report No. 75-12 (PUBLISHED) HIGH MAST LIGHTING  
 Date February, 1969 Pages: 61  
 Note:  
 Author(s) NE WALTON; NJ ROWAN

Report No. 75-13F (PUBLISHED) FINAL REPORT - SUPPLEMENTARY STUDIES IN HIGHWAY  
 Date August, 1969 Pages: 78 ILLUMINATION  
 Note:  
 Author(s) NE WALTON; NJ ROWAN

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Study No. 0-76 Status: TERMINATED Title: FATIGUE STRENGTH STUDY OF SHEAR CONNECTORS IN LIGHTWEIGHT  
 Start 04/24/64 End 08/31/66 CONCRETE  
 Comment:  
 Researcher(s) TT TOPRAC (CTR)

Report No. 76-1F (PUBLISHED) FATIGUE STRENGTH OF 3/4 INCH STUDS IN LIGHTWEIGHT CONCRETE  
 Date May, 1965 Pages: 31 (PUSH OUT TESTS)  
 Note:  
 Author(s) HG LEHMAN; HS LEW et al

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Study No. 0-77 Status: TERMINATED Title: FATIGUE STRENGTH OF PLATE GIRDER WEBS UNDER CONSTANT  
 Start 04/19/64 End 08/31/66 MOMENT  
 Comment:  
 Researcher(s) TT TOPRAC (CTR)

Report No. 77-1 (PUBLISHED) FATIGUE TESTING OF RIBBED ORTHOTROPIC PLATE BRIDGE ELEMENTS  
 Date May, 1965 Pages: 73  
 Note:  
 Author(s) HL DAVIS; AA TOPRAC

Report No. 77-2F (PUBLISHED) FATIGUE TESTS OF WELDED HYBRID GIRDERS UNDER CONSTANT  
Date June, 1966 Pages: 65 MOMENT  
Note:  
Author(s) AA TOPRAC; HS LEW

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Study No. 0-78 Status: TERMINATED Title: EVALUATION OF TRAFFIC CONTROL AT HIGHWAY INTERSECTIONS  
Start 04/13/64 End 08/31/68  
Comment:  
Researcher(s) CE LEE (CTR)

Report No. 78-1F (PUBLISHED) EVALUATION OF TRAFFIC CONTROL AT HIGHWAY INTERSECTIONS  
Date March, 1970 Pages: 291  
Note:  
Author(s) CE LEE; WC VODRAZKA

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Study No. 0-79 Status: TERMINATED Title: NUMERICAL METHODS FOR RADIAL TRIANGULATION FROM AERIAL  
Start 06/02/64 End 08/31/65 PHOTOGRAPHY  
Comment:  
Researcher(s) RD TURPIN (CTR)

Report No. 79-1F (PUBLISHED) NUMERICAL METHODS FOR RADIAL TRIANGULATION  
Date May, 1966 Pages: 62  
Note:  
Author(s) RD TURPIN

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Study No. 0-80 Status: TERMINATED Title: STRENGTH EFFECT OF CUTTING OFF TENSION BARS IN CONCRETE  
Start 07/16/64 End 08/31/66  
Comment:  
Researcher(s) PM FERGUSON (CTR)

Report No. 80-1F (PUBLISHED) STRENGTH EFFECT OF CUTTING OFF TENSION BARS IN CONCRETE  
Date June, 1967 Pages: 37 NTIS PB177700 BEAMS  
Note:  
Author(s) PM FERGUSON; SI HUSAIN

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Study No. 0-81 Status: TERMINATED Title: SYNTHETIC AGGREGATE RESEARCH (BURNED SHALES, CLAYS AND  
Start 09/01/64 End 08/31/71 SLATES)  
Comment:  
Researcher(s) WB LEDBETTER (TTI)

Report No. 81-1 (PUBLISHED) CORRELATION STUDIES OF FUNDAMENTAL AGGREGATE PROPERTIES  
Date August, 1965 Pages: 14 WITH FREEZE-THAW DURABILITY OF STRUCTURAL LIGHTWEIGHT  
Note: CONCRETE  
Author(s) WB LEDBETTER

Report No. 81-2 (PUBLISHED) EFFECT OF DEGREE OF SYNTHETIC LIGHTWEIGHT AGGREGATE  
Date December, 1966 Pages: 20 NTIS PB174404 PRE-WETTING ON THE FREEZE-THAW DURABILITY OF LIGHTWEIGHT  
Note: CONCRETE  
Author(s) CN KANABAR; WB LEDBETTER

Report No. 81-3 (PUBLISHED) AGGREGATE ABSORPTION FACTOR AS AN INDICATOR OF THE  
Date February, 1967 Pages: 15 NTIS PB174958 FREEZE-THAW DURABILITY OF STRUCTURAL LIGHTWEIGHT CONCRETE  
Note:  
Author(s) WB LEDBETTER; CE BUTH

Report No. 81-4 Date July, 1967 Note: Author(s) WB LEDBETTER	(PUBLISHED) Pages: 23	FLEXURAL FATIGUE DURABILITY OF SELECTED UNREINFORCED STRUCTURAL LIGHTWEIGHT CONCRETE
Report No. 81-5 Date February, 1968 Note: Author(s) WM MOORE; RS VAN PELT et al	(PUBLISHED) Pages: 21 NTIS PB178357	SUITABILITY OF SYNTHETIC AGGREGATES MADE FROM CLAY-TYPE SOILS FOR USE IN FLEXIBLE BASE
Report No. 81-6 Date September, 1968 Note: Author(s) CE BUTH; HR BLANK et al	(PUBLISHED) Pages: 27 NTIS PB184971	PERFORMANCE STUDIES OF SYNTHETIC AGGREGATE CONCRETE
Report No. 81-7 Date October, 1969 Note: Author(s) WB LEDBETTER; CE SANDSTEDT et al	(PUBLISHED) Pages: 9	FUNDAMENTAL FACTORS INVOLVED IN THE USE OF SYNTHETIC AGGREGATE PORTLAND CEMENT CONCRETE
Report No. 81-8 Date October, 1969 Note: Author(s) JT HUSTON; WB LEDBETTER	(PUBLISHED) Pages: 10	A SANDBLAST ABRASION TEST FOR SYNTHETIC AGGREGATE EVALUATION
Report No. 81-9 Date November, 1969 Note: Author(s) JT HOUSTON; HR BLANK et al	(PUBLISHED) Pages: 20	STUDIES OF THE THERMAL TRANSFORMATION OF SYNTHETIC AGGREGATES PRODUCED IN A ROTARY KILN
Report No. 81-10 Date October, 1969 Note: Author(s) JT HOUSTON; WB LEDBETTER	(PUBLISHED) Pages: 19	EFFECT OF SYNTHETIC AGGREGATE THERMAL TRANSFORMATION ON PERFORMANCE OF CONCRETE
Report No. 81-11 Date October, 1969 Note: Author(s) RG MCKEEN; WB LEDBETTER	(PUBLISHED) Pages: 20	EVALUATION OF SHRINKAGE-CRACKING CHARACTERISTICS OF STRUCTURAL LIGHTWEIGHT CONCRETE
Report No. 81-12 Date November, 1969 Note: Author(s) WM MOORE	(PUBLISHED) Pages: 9	FIRE-CLAY AGGREGATE FOR USE IN FLEXIBLE BASES
Report No. 81-13 Date August, 1970 Note: Author(s) WB LEDBETTER; G NICHOLS	(PUBLISHED) Pages: 10	FINAL REPORT ON SHRINKAGE-CRACKING CHARACTERISTICS OF STRUCTURAL LIGHTWEIGHT CONCRETE
Report No. 81-14 Date October, 1970 Note: Author(s) JR MARTIN; A AHMAD et al	(PUBLISHED) Pages: 22 NTIS PB199212	NONBLOATED SYNTHETIC AGGREGATE CONCRETE

Report No. 81-15F (PUBLISHED) A SYNTHETIC COARSE AGGREGATE CLASSIFICATION SYSTEM  
 Date May, 1971 Pages: 6  
 Note:  
 Author(s) WB LEDBETTER; WM MOORE et al

Report No. 81-SPEC.1 (PUBLISHED) PROGRESS REPORT ON THE RELATIONSHIP BETWEEN LABORATORY  
 AND FIELD PERFORMANCE OF LIGHTWEIGHT AGGREGATE CONCRETE  
 Date November, 1966 Pages: 4  
 Note:  
 Author(s) CE BUTH; WB LEDBETTER

Report No. 81-SPEC.2 (PUBLISHED) A RECOMMENDED SYNTHETIC COARSE AGGREGATE CLASSIFICATION  
 SYSTEM  
 Date August, 1969 Pages: 7  
 Note:  
 Author(s) WB LEDBETTER; BM GALLAWAY et al

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Study No. 0-82 Status: TERMINATED Title: THE EFFECT OF ACCESS ON THE COST OF RIGHT-OF-WAY FOR THE  
 INTERSTATE SYSTEM  
 Start 09/01/64 End 08/31/67  
 Comment:  
 Researcher(s) WD FRANKLIN (TTI)

Report No. 82-1F (PUBLISHED) THE EFFECT OF ACCESS ON HIGHWAY RIGHT-OF-WAY COSTS AND THE  
 DETERMINATION OF SPECIAL BENEFITS  
 Date October, 1967 Pages: 50 NTIS PB182886  
 Note:  
 Author(s) WD FRANKLIN; LA EVANS

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Study No. 0-83 Status: TERMINATED Title: SYNTHETIC AGGREGATES FOR SEAL COATS - AN EXPLORATORY STUOY  
 Start 04/06/71 End 08/31/72  
 Comment:  
 Researcher(s) JA EPPS (TTI)

Report No. 83-1 (PUBLISHED) SYNTHETIC AGGREGATE SEAL COATS-CURRENT TEXAS HIGHWAY  
 DEPARTMENT PRACTICES  
 Date May, 1972 Pages: 68 NTIS PB218550  
 Note:  
 Author(s) JA EPPS; BM GALLAWAY et al

Report No. 83-2F (PUBLISHED) SYNTHETIC AGGREGATE SEAL COATS  
 Date May, 1974 Pages: 122 NTIS PB239077  
 Note:  
 Author(s) JA EPPS; BM GALLAWAY et al

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Study No. 0-84 Status: ACTIVE Title: REPRODUCTION OF TECHNICAL AND RESEARCH REPORTS AND  
 ACCOMPANYING DELIVERABLES  
 Start 09/01/64 End / /  
 Comment:  
 Researcher(s) S LANCASTER (TTI)

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Study No. 0-85 Status: TERMINATED Title: PROGRAM FOR HYDROLOGIC INVESTIGATION OF SMALL DRAINAGE AREAS  
 IN TEXAS  
 Start 09/01/64 End 08/31/76  
 Comment:  
 Researcher(s) EE SCHROEDER (USGS)

Report No. 85-8 (PUBLISHED) ESTIMATING THE MAGNITUDE OF PEAK DISCHARGES FOR SELECTED  
 FLOOD FREQUENCIES ON SMALL STREAMS IN EAST TEXAS  
 Date February, 1974 Pages: 16  
 Note:  
 Author(s) EE SCHROEDER

Report No. 85-9 (PUBLISHED) FLOOD STAGES AND DISCHARGES FOR SMALL STREAMS IN TEXAS  
Date January, 1974 Pages: 284  
Note:  
Author(s) EE SCHROEDER

Report No. 85-10F Vol. 1 (PUBLISHED) TECHNIQUE FOR ESTIMATING THE MAGNITUDE AND FREQUENCY OF  
Date January, 1977 Pages: 25 NTIS PB284423 FLOODS IN TEXAS  
Note:  
Author(s) BC MASSEY; EE SCHROEDER

Report No. 85-10F Vol. 2 (PUBLISHED) APPLICATION OF A RAINFALL-RUNOFF MODEL IN ESTIMATING FLOOD  
Date January, 1977 Pages: 23 PEAKS FOR SELECTED SMALL NATURAL DRAINAGE BASINS IN TEXAS  
Note:  
Author(s) BC MASSEY; EE SCHROEDER

Report No. 85-10F Vol. 3 (PUBLISHED) APPLICATION OF THE U.S. GEOLOGICAL SURVEY RAINFALL -  
Date December, 1977 Pages: 25 NTIS PB284468 RUNOFF MODEL IN ESTIMATING FLOOD PEAKS FOR SELECTED SMALL  
Note: DRAINAGE BASINS IN TEXAS  
Author(s) BC MASSEY; EE SCHROEDER

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Study No. 0-86 Status: TERMINATED Title: HIGHWAY SIGNING RESEARCH  
Start 11/13/64 End 08/31/66  
Comment:  
Researcher(s) RD WYLIE (SWRI)

Report No. 86-1 (PUBLISHED) A SURVEY OF MATERIALS AND RESEARCH NEEDS RELATING TO THEIR  
Date January, 1966 Pages: 108 USE  
Note: PHASE I  
Author(s)

Report No. 86-2F (PUBLISHED) CHARACTERIZATION OF SIGN-FACING MATERIALS  
Date August, 1966 Pages: 107 NTIS PB173552  
Note: PHASE II  
Author(s) JE FUNNELL; DK CURTICE

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Study No. 0-87 Status: TERMINATED Title: FINANCIAL MANAGEMENT STUDY  
Start 04/13/65 End 08/31/66  
Comment:  
Researcher(s) ERNST AND ERNST (E&E)

Report No. 87-1F Vol. 1 (PUBLISHED) FINANCIAL MANAGMENT STUDY-VOL. I  
Date January, 1966 Pages: 224  
Note:  
Author(s)

Report No. 87-1F Vol. 2 (PUBLISHED) FINANCIAL MANAGEMENT STUDY-VOL.II  
Date January, 1968 Pages: 182  
Note:  
Author(s)

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Study No. 0-88 Status: TERMINATED Title: ANCHOR BOLT DEVELOPMENT  
Start 09/01/64 End 08/31/76  
Comment:  
Researcher(s) EE SCHROEDER (USGS)



Report No. 88-1F (PUBLISHED)  
Date August, 1966 Pages: 63 NTIS PB174721  
Note:  
Author(s) DW LEE; JE BREEN

FACTORS AFFECTING ANCHOR BOLT DEVELOPMENT

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Study No. 0-89 Status: TERMINATED Title: SOIL PROPERTIES AS RELATED TO LOAD TRANSFER CHARACTERISTICS  
Start 05/14/65 End 08/31/71 OF DRILLED SHAFTS  
Comment:  
Researcher(s) LC REESE (CTR)

Report No. 89-1 (PUBLISHED)  
Date April, 1968 Pages: 51  
Note:  
Author(s) LC REESE; WR HUDSON

FIELD TESTING OF DRILLED SHAFTS TO DEVELOP DESIGN METHODS

Report No. 89-2 (PUBLISHED)  
Date September, 1968 Pages: 125  
Note:  
Author(s) LC REESE; JC BROWN et al

INSTRUMENTATION FOR MEASUREMENTS OF LATERAL EARTH PRESSURE  
IN DRILLED SHAFTS

Report No. 89-3 (PUBLISHED)  
Date May, 1969 Pages: 74  
Note:  
Author(s) CW CHUANG; LC REESE

STUDIES OF SHEARING RESISTANCE BETWEEN CEMENT MORTAR AND  
SOIL

Report No. 89-4 (PUBLISHED)  
Date October, 1968 Pages: 67 NTIS PB194749  
Note:  
Author(s) CJ EHLERS; LC REESE et al

THE NUCLEAR METHOD OF SOIL-MOISTURE DETERMINATION AT  
DEPTH

Report No. 89-5 (PUBLISHED)  
Date March, 1969 Pages: 193  
Note:  
Author(s) VN VIJAYVERGIYA; WR HUDSON et al

LOAD DISTRIBUTION FOR A DRILLED SHAFT IN CLAY SHALE

Report No. 89-6 (PUBLISHED)  
Date November, 1969 Pages: 104  
Note:  
Author(s) WR BARKER; LC REESE

INSTRUMENTATION FOR MEASUREMENT OF AXIAL LOAD IN DRILLED  
SHAFTS

Report No. 89-7 (PUBLISHED)  
Date November, 1969 Pages: 61  
Note:  
Author(s) DB CAMPBELL; WR HUDSON

THE DETERMINATION OF SOIL PROPERTIES IN-SITU

Report No. 89-8 (PUBLISHED)  
Date December, 1970 Pages:  
Note:  
Author(s) MW O'NEILL; LC REESE

BEHAVIOR OF AXIALLY LOADED DRILLED SHAFTS IN BEAUMONT CLAY

Report No. 89-9 (PUBLISHED)  
Date August, 1970 Pages: 339  
Note:  
Author(s) WR BARKER; LC REESE

LOAD-CARRYING CHARACTERISTICS OF DRILLED SHAFTS CONDUCTED  
WITH THE AID OF DRILLING FLUIDS

Report No. 89-10 (PUBLISHED) LATERAL LOAD BEHAVIOR OF DRILLED SHAFTS  
Date May, 1972 Pages: 215  
Note:  
Author(s) RC WELCH; LC REESE

Report No. 89-11F (PUBLISHED) CRITERIA FOR THE DESIGN OF AXIALLY LOADED DRILLED SHAFTS  
Date August, 1971 Pages: 61  
Note:  
Author(s) LC REESE; MW O'NEILL

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Study No. 0-90 Status: TERMINATED Title: INFLUENCE OF DESIGN, CONSTRUCTION AND TRAFFIC ON COMPACTION  
Start 06/09/65 End 08/31/69 OF ASPHALT CONCRETE PAVEMENTS  
Comment:  
Researcher(s) BM GALLAWAY (TTI)

Report No. 90-1 (PUBLISHED) INTERIM REPORT ON THE INFLUENCE OF DESIGN, CONSTRUCTION AND  
Date July, 1967 Pages: 40 TRAFFIC ON COMPACTION OF HOT-MIX ASPHALTIC CONCRETE  
Note:  
Author(s) WJ HARPER; BM GALLAWAY

Report No. 90-2F (PUBLISHED) COMPACTION ON ASPHALT CONCRETE PAVEMENT  
Date July, 1969 Pages: 152  
Note:  
Author(s) JA EPPS; BM GALLAWAY et al

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Study No. 0-91 Status: TERMINATED Title: SHEAR STRENGTH OF BENT CAPS BETWEEN COLUMNS  
Start 09/01/65 End 08/31/66  
Comment:  
Researcher(s) PM FERGUSON (CTR)

Report No. 91-1F (PUBLISHED) SHEAR STRENGTH OF BENT CAPS BETWEEN COLUMNS  
Date September, 1966 Pages: 20  
Note:  
Author(s) PM FERGUSON; HM LIAO

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Study No. 0-92 Status: TERMINATED Title: PERFORMANCE OF CIRCULAR CULVERTS ON STEEP GRADES  
Start 09/01/65 End 08/31/70  
Comment:  
Researcher(s) FD MASCH (CTR)

Report No. 92-1 (PUBLISHED) RADIAL FLOW ENERGY DISSIPATOR FOR CULVERT OUTLETS  
Date November, 1967 Pages: 107  
Note:  
Author(s) R AGUIRRE; WL MOORE

Report No. 92-2 (PUBLISHED) FEASIBILITY STUDY OF A RADIAL-FLOW ENERGY DISSIPATOR FOR  
Date July, 1967 Pages: 11 CULVERT OUTLETS  
Note:  
Author(s) WL MOORE

Report No. 92-3 (PUBLISHED) CULVERT OUTLET ENERGY DISSIPATOR INCORPORATING RADIAL FLOW  
Date January, 1968 Pages: 87 AND A TRANSVERSE STILL  
Note:  
Author(s) RR WEAR; WL MOORE

Report No. 92-4 (PUBLISHED) END SILLS AND THE FORCED HYDRAULIC JUMP IN CIRCULAR  
Date June, 1969 Pages: 90 CULVERTS OPERATING AT LOW DISCHARGE FACTORS  
Note:  
Author(s) RJ BRANDES; RAO et al

Report No. 92-5F (PUBLISHED) PERFORMANCE OF SINGLE AND DOUBLE SILLS FOR STEEP CIRCULAR  
Date January, 1971 Pages: 111 CULVERTS  
Note:  
Author(s) RAO; RJ BRANDES et al

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Study No. 0-93 Status: TERMINATED Title: EVALUATION OF CONTROL EXTENSION  
Start 09/01/65 End 08/31/66  
Comment:  
Researcher(s) RD TURPIN (CTR)

Report No. 93-1F (PUBLISHED) EVALUATION OF CONTROL EXTENSION  
Date September, 1966 Pages: 64  
Note:  
Author(s) RD TURPIN; DR KNOWLES et al

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Study No. 0-94 Status: TERMINATED Title: STRUCTURAL MODEL STUDY OF CONCRETE SLAB AND GIRDER SPANS  
Start 09/01/65 End 08/31/68  
Comment:  
Researcher(s) JE BREEN (CTR)

Report No. 94-1 (PUBLISHED) STRUCTURAL MODELING TECHNIQUES FOR CONCRETE SLAB AND GIRDER  
Date August, 1968 Pages: 84 BRIDGES  
Note:  
Author(s) EV LEYENDECKER; JE BREEN

Report No. 94-2 (PUBLISHED) FIELD TESTING OF A CONCRETE SLAB AND GIRDER BRIDGE  
Date July, 1969 Pages: 71 NTIS PB199468  
Note:  
Author(s) EV LEYENDECKER; JE BREEN

Report No. 94-3F (PUBLISHED) BEHAVIOR OF CONCRETE SLAB AND GIRDER BRIDGES  
Date May, 1969 Pages: 214  
Note:  
Author(s) EV LEYENDECKER; JE BREEN

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Study No. 0-95 Status: TERMINATED Title: STATISTICAL ESTIMATING AND FORECASTING FOR VEHICLE  
Start 09/01/65 End 08/31/66 CLASSIFICATION AND WEIGHT DATA  
Comment:  
Researcher(s) P ODELL (CTR)

Report No. 95-1F (PUBLISHED) COMMENTS ON STATISTICAL TECHNIQUES FOR ESTIMATING TRAFFIC  
Date July, 1967 Pages: 67 FLOW  
Note:  
Author(s) RJ SMITH III; PL ODELL

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Study No. 0-96 Status: TERMINATED Title: FATIGUE STRENGTH OF HYBRID GIRDERS UNDER SHEAR  
Start 09/01/65 End 08/31/69  
Comment:  
Researcher(s) AA TOPRAC (CTR)

Report No. 96-1	(PUBLISHED)	ADDITIONAL FATIGUE TESTS OF HYBRID PLATE GIRDERS UNDER PURE BENDING MOMENT
Date May, 1967	Pages: 33	NTIS PB178396
Note:		
Author(s) Y KUROBANE; DJ FIELDING et al		
Report No. 96-2	(PUBLISHED)	FATIGUE TESTS OF HYBRID PLATE GIRDERS UNDER CONSTANT MOMENT
Date July, 1967	Pages: 49	NTIS PB179288
Note:		
Author(s) DJ FIELDING; AA TOPRAC		
Report No. 96-3	(PUBLISHED)	STUDY OF FATIGUE OF HYBRID PLATE GIRDERS UNDER CONSTANT MOMENT
Date January, 1969	Pages: 61	
Note:		
Author(s) J YINH; AA TOPRAC		
Report No. 96-4	(PUBLISHED)	FATIGUE TESTS OF HYBRID PLATE GIRDERS UNDER COMBINED MOMENT AND SHEAR
Date May, 1969	Pages: 25	
Note:		
Author(s) AA TOPRAC; M NATARAJAN		
Report No. 96-5F	(PUBLISHED)	FATIGUE TESTS OF HYBRID PLATE GIRDERS
Date September, 1970	Pages: 56	
Note:		
Author(s) AA TOPRAC; M NATARAJAN		

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Study No. 0-97                      Status: TERMINATED                      Title: HYBRID GIRDERS SUBJECTED TO BENDING AND SHEAR  
Start 09/01/65   End 08/31/67  
Comment:  
Researcher(s) AA TOPRAC (CTR)

Report No. 97-1F	(PUBLISHED)	STATIC TESTS ON HYBRID PLATE GIRDERS
Date July, 1967	Pages: 69	NTIS PB180683
Note:		
Author(s) HS LEW; AA TOPRAC		

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Study No. 0-98                      Status: TERMINATED                      Title: EVALUATION OF TENSILE PROPERTIES OF SUBBASE FOR USE IN RIGID PAVEMENT DESIGN  
Start 09/01/65   End 08/31/72  
Comment:  
Researcher(s) WR HUDSON (CTR)

Report No. 98-1	(PUBLISHED)	AN INDIRECT TENSILE TEST FOR STABILIZED MATERIALS
Date January, 1968	Pages: 88	
Note:		
Author(s) WR HUDSON; TW KENNEDY		

Report No. 98-2	(PUBLISHED)	AN EVALUATION OF THE FACTORS AFFECTING THE TENSILE PROPERTIES OF ASPHALT-TREATED MATERIALS
Date March, 1969	Pages: 113	
Note:		
Author(s) WD HADLEY; WR HUDSON et al		

Report No. 98-3	(PUBLISHED)	EVALUATION OF FACTORS AFFECTING THE TENSILE PROPERTIES OF CEMENT-TREATED MATERIALS
Date January, 1969	Pages: 93	
Note:		
Author(s) HJ PENDOLA; TW KENNEDY et al		

Report No. 98-4	(PUBLISHED)	EVALUATION OF FACTORS AFFECTING THE TENSILE PROPERTIES OF LIME-TREATED MATERIALS
Date March, 1970	Pages: 115	
Note:		
Author(s) SP MILLER; TW KENNEDY et al		
Report No. 98-5	(PUBLISHED)	EVALUATION AND PREDICTION OF THE TENSILE PROPERTIES OF LIME-TREATED MATERIALS
Date June, 1970	Pages: 127	
Note:		
Author(s) WS TULLOCH; WR HUDSON et al		
Report No. 98-6	(PUBLISHED)	CORRELATION OF TENSILE PROPERTIES WITH STABILITY AND COHESION VALUES FOR ASPHALT-TREATED MATERIALS
Date June, 1970	Pages: 40	
Note:		
Author(s) WO HADLEY; WR HUDSON et al		
Report No. 98-7	(PUBLISHED)	A METHOD OF ESTIMATING TENSILE PROPERTIES OF MATERIALS TESTED IN INDIRECT TENSION
Date July, 1970	Pages: 43	
Note:		
Author(s) WO HADLEY; WR HUDSON et al		
Report No. 98-8	(PUBLISHED)	EVALUATION AND PREDICTION OF TENSILE PROPERTIES OF CEMENT-TREATED MATERIALS
Date October, 1970	Pages: 104	
Note:		
Author(s) JN ANAGNOS; TW KENNEDY et al		
Report No. 98-9	(PUBLISHED)	EVALUATION AND PREDICTION OF THE TENSILE PROPERTIES OF ASPHALT-TREATED MATERIALS
Date May, 1971	Pages: 98	
Note:		
Author(s) WO HADLEY; WR HUDSON et al		
Report No. 98-10	(PUBLISHED)	A PRACTICAL METHOD OF CONDUCTING THE INDIRECT TENSILE TEST
Date August, 1972	Pages: 55	
Note:		
Author(s) JN ANAGNOS; TW KENNEDY		
Report No. 98-11	(PUBLISHED)	IMPROVED TENSILE STRENGTH FOR CEMENT-TREATED BASES AND SUBBASES
Date December, 1972	Pages: 50	
Note:		
Author(s) RF CAULEY; TW KENNEDY		
Report No. 98-12	(PUBLISHED)	TENSILE BEHAVIOR OF SUBBASE MATERIALS UNDER REPETITIVE LOADING
Date October, 1971	Pages: 73	
Note:		
Author(s) RK MOORE; TW KENNEDY		
Report No. 98-13	(PUBLISHED)	A COMPREHENSIVE STRUCTURAL DESIGN FOR STABILIZED PAVEMENT LAYERS
Date August, 1972	Pages: 203	
Note:		
Author(s) WO HADLEY; WR HUDSON et al		
Report No. 98-14F	(PUBLISHED)	TENSILE PROPERTIES OF SUBBASES FOR USE IN RIGID PAVEMENT DESIGN
Date February, 1973	Pages: 70	
Note:		
Author(s) TW KENNEDY; WR HUDSON		

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Study No. 0-99                    Status: TERMINATED                    Title: STRESS DISTRIBUTION IN GRANULAR MASSES  
Start 09/01/65 End 08/31/69  
Comment:  
Researcher(s) WM MOORE (TTI)

Report No. 99-1                    (PUBLISHED)                    THE USE OF PARTICULATE MECHANICS IN THE SIMULATION OF  
Date August, 1966                Pages: 106                    NTIS PB 174966                    STRESS-STRAIN CHARACTERISTICS OF GRANULAR MATERIALS  
Note:  
Author(s) TI ARMSTRONG; WA DUNLAP

Report No. 99-2                    (PUBLISHED)                    A GYRATORY COMPACTOR FOR MOLDING LARGE DIAMETER TRIAXIAL  
Date October, 1966                Pages: 29                    SPECIMENS OF GRANULAR MATERIAL  
Note:  
Author(s) LJ MILBERGER; WA DUNLAP

Report No. 99-3                    (PUBLISHED)                    EVALUATION OF THE TTI GYRATORY COMPACTOR  
Date February, 1968                Pages: 94                    NTIS PB182659  
Note:  
Author(s) WM MOORE; LJ MILBERGER

Report No. 99-4                    (PUBLISHED)                    DEFORMATION MEASURING SYSTEM FOR REPETITIVELY LOADED  
Date August, 1967                Pages: 30                    LARGE DIAMETER SPECIMENS OF GRANULAR MATERIAL  
Note:  
Author(s) WM MOORE; G SWIFT et al

Report No. 99-5F                    (PUBLISHED)                    A LABORATORY STUDY OF THE RELATION OF STRESS TO STRAIN FOR  
Date September, 1970                Pages: 66                    NTIS PB199470                    A CRUSHED LIMESTONE BASE MATERIAL  
Note:  
Author(s) WE MOORE; SC BRITTON et al

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Study No. 0-100                    Status: TERMINATED                    Title: AN ANALYSIS OF RIGHT-OF-WAY APPRAISAL PROBLEMS  
Start 12/17/65 End 08/31/67  
Comment:  
Researcher(s) WG ADKINS (TTI)

Report No. 100-1F                    (PUBLISHED)                    AN ANALYSIS OF RIGHT-OF-WAY APPRAISAL PROBLEMS  
Date October, 1967                Pages: 39  
Note:  
Author(s) WG ADKINS; JL BUFFINGTON

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Study No. 0-101                    Status: TERMINATED                    Title: UTILIZING DEFLECTION MEASUREMENTS TO UPGRADE PAVEMENT  
Start 06/16/66 End 08/31/70                    STRUCTURES  
Comment:  
Researcher(s) JL BROWN (D-8)

Report No. 101-1F                    (PUBLISHED)                    AN ASPHALTIC CONCRETE OVERLAY DESIGN SUBSYSTEM  
Date December, 1970                Pages: 109  
Note:  
Author(s) JL BROWN; HE ORELLANA

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Study No. 0-102                    Status: TERMINATED                    Title: CRACK WIDTH STUDY  
Start 05/18/66 End 08/31/67  
Comment:  
Researcher(s) PM FERGUSON (CTR)

Report No. 102-1F (PUBLISHED) FLEXURAL CRACK WIDTH AT THE BARS IN REINFORCED CONCRETE  
Date June, 1968 Pages: 35 BEAMS  
Note:  
Author(s) SI HAUSAIN; PM FERGUSON

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Study No. 0-103 Status: TERMINATED Title: AIR ENTRAINMENT IN CONCRETE  
Start 06/08/66 End 08/31/69  
Comment:  
Researcher(s) DL IVEY (TTI)

Report No. 103-1 (PUBLISHED) REVIEW OF LITERATURE ON AIR ENTRAINED CONCRETE  
Date February, 1968 Pages: 13  
Note:  
Author(s) PH TORRANS; DL IVEY

Report No. 103-2 (PUBLISHED) INFLUENCE OF CHEMICAL ADMIXTURES AND MIXING METHODS ON THE  
Date February, 1968 Pages: 18 AIR VOID SYSTEMS IN PORTLAND CEMENT MORTARS  
Note:  
Author(s) PH TORRANS; DL IVEY

Report No. 103-3 (PUBLISHED) THE VOID SPACING INDICATOR  
Date June, 1969 Pages: 10  
Note:  
Author(s) PH TORRANS; DL IVEY

Report No. 103-4F (PUBLISHED) AIR VOID SYSTEMS IN READY MIXED CONCRETE  
Date June, 1969 Pages: 50  
Note:  
Author(s) DL IVEY; PH TORRANS

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Study No. 0-104 Status: TERMINATED Title: REPRODUCTION OF RESEARCH REPORTS  
Start 09/01/63 End 08/31/76  
Comment:  
Researcher(s) IK MAYS (D-10)

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Study No. 0-105 Status: TERMINATED Title: DESIGN OF FOOTINGS FOR MINOR SERVICE STRUCTURES  
Start 09/01/66 End 03/31/70  
Comment:  
Researcher(s) DL IVEY (TTI)

Report No. 105-1 (PUBLISHED) THEORY, RESISTANCE OF A DRILLED SHAFT FOOTING TO  
Date February, 1968 Pages: 14 OVERTURNING LOADS  
Note:  
Author(s) DL IVEY

Report No. 105-2 (PUBLISHED) RESISTANCE OF A DRILLED SHAFT FOOTING TO OVERTURNING LOADS  
Date July, 1968 Pages: 20 - MODEL TESTS AND CORRELATION WITH THEORY  
Note:  
Author(s) DL IVEY; KJ KOCH et al

Report No. 105-3 (PUBLISHED) DESIGN PROCEDURE COMPARED TO FULL SCALE TESTS OF DRILLED  
Date February, 1970 Pages: 162 SHAFT FOOTINGS  
Note:  
Author(s) DL IVEY; WA DUNLAP

Report No. 105-4 (PUBLISHED) DYNAMIC OVERTURNING LOADS ON DRILLED SHAFT FOOTINGS USED FOR MINOR SERVICE STRUCTURES  
Date January, 1970 Pages: 46  
Note:  
Author(s) HL SMITH; WA DUNLAP et al

Report No. 105-5F (PUBLISHED) LONG TERM OVERTURNING LOADS ON DRILLED SHAFT FOOTINGS  
Date September, 1970 Pages: 50  
Note:  
Author(s) WA DUNLAP; DL IVEY et al

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Study No. 0-106 Status: TERMINATED Title: STATISTICAL EVALUATION OF BRIDGE DECK SURVEY DATA  
Start 12/22/66 End 08/31/69  
Comment:  
Researcher(s) JG DARROCH (TTI)

Report No. 106-1F (PUBLISHED) BRIDGE DECK CONDITION SURVEY - PART I: OUTLINE OF THE PROJECT AND FINDINGS FROM THE SURVEY  
Date May, 1970 Pages: 43 NTIS PB199469  
Note:  
Author(s) JG DARROCH; HL FURR

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Study No. 0-107 Status: TERMINATED Title: DEVELOPMENT OF AUTOMATION FOR ENGINEERING PRODUCTIVITY  
Start 04/26/67 End 08/31/71  
Comment:  
Researcher(s) LG WALKER (D-19)

Report No. 107-1F Vol. 1 (PUBLISHED) ROADWAY DESIGN SYSTEM - INTRODUCING THE ROADWAY DESIGN SYSTEM  
Date May, 1972 Pages: 27  
Note:  
Author(s)

Report No. 107-1F Vol. 2 (PUBLISHED) ROADWAY DESIGN SYSTEM - TIES ROADWAY DESIGN SYSTEM USER MANUAL  
Date May, 1972 Pages: 377  
Note:  
Author(s)

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Study No. 0-108 Status: TERMINATED Title: DYNAMICS OF HIGHWAY LOADING  
Start 09/01/66 End 08/31/70  
Comment:  
Researcher(s) CE LEE (CTR)

Report No. 108-1F (PUBLISHED) A THEORETICAL AND EXPERIMENTAL STUDY OF DYNAMIC HIGHWAY LOADING  
Date May, 1972 Pages: 287  
Note:  
Author(s) CE LEE; WP DAWKINS

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Study No. 0-109 Status: ACTIVE Title: RESEARCH ADMINISTRATION, FINAL REPORT PUBLICATION, EQUIPMENT MANAGEMENT AND MAINTENANCE  
Start 09/01/66 End / /  
Comment:  
Researcher(s) BF MCCULLOUGH (CTR)

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Study No. 0-110 Status: TERMINATED Title: SYNTHETIC AGGREGATES FOR ASPHALTIC CONCRETE MIXTURES  
Start 05/01/67 End 08/31/69  
Comment:  
Researcher(s) BM GALLAWAY (TTI)



Report No. 110-1F (PUBLISHED) SYNTHETIC AGGREGATES FOR ASPHALT CONCRETE MIXES  
Date October, 1969 Pages: 27  
Note:  
Author(s) ER HARGETT; BM GALLAWAY et al

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Study No. 0-111 Status: TERMINATED Title: RAILWAY-HIGHWAY GRADE CROSSING SAFETY EVALUATION  
Start 10/14/66 End 08/31/70  
Comment:  
Researcher(s) HA RICHARDS (TTI)

Report No. 111-1 (PUBLISHED) AN INTERIM REPORT - RAIL-HIGHWAY GRADE CROSSING SAFETY  
Date September, 1967 Pages: 66 EVALUATION  
Note:  
Author(s) HA RICHARDS; GS BRIDGES et al

Report No. 111-2 (PUBLISHED) STATISTICAL AND ECONOMIC ASPECTS OF RAIL HIGHWAY GRADE  
Date November, 1970 Pages: 233 CROSSING SAFETY IMPROVEMENT PROGRAMS IN TEXAS  
Note:  
Author(s) HA RICHARDS; JT LAMKIN

Report No. 111-3F (PUBLISHED) ENGINEERING ASPECTS OF RAIL-HIGHWAY GRADE CROSSING SAFETY  
Date August, 1970 Pages: 72 EVALUATION  
Note:  
Author(s) NJ ROWAN; NE WALTON

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Study No. 0-112 Status: TERMINATED Title: CRACK WIDTH - CORROSION STUDY  
Start 09/01/67 End 08/31/71  
Comment:  
Researcher(s) PM FERGUSON (CTR)

Report No. 112-1F (PUBLISHED) CORROSION OF REINFORCING STEEL EMBEDDED IN STRUCTURAL  
Date March, 1972 Pages: 131 CONCRETE  
Note:  
Author(s) JT HOUSTON; E ATIMTAY et al

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Study No. 0-113 Status: TERMINATED Title: SPLICES AND ANCHORAGE OF REINFORCING BARS  
Start 09/01/67 End 08/31/70  
Comment:  
Researcher(s) PM FERGUSON (CTR)

Report No. 113-1 (PUBLISHED) TEST OF UPPER ANCHORAGE OF NO. 14S COLUMN BARS IN PYLON  
Date August, 1968 Pages: 23 DESIGN  
Note:  
Author(s) KS RAJAGOPALAN; PM FERGUSON

Report No. 113-2 (PUBLISHED) LAPPED TENSILE SPLICES PART I: RETAINING WALL TYPE,  
Date July, 1969 Pages: 31 VARYING MOMENT ZONE  
Note:  
Author(s) PM FERGUSON; EA BRICENO

Report No. 113-3 (PUBLISHED) TENSILE LAP SPLICES PART II: RETAINING WALL TYPE, VARYING  
Date April, 1971 Pages: 60 MOMENT ZONE  
Note:  
Author(s) PM FERGUSON; CM KRISHNASWAMY

Report No. 113-4 (PUBLISHED) SHEAR AND ANCHORAGE STUDY OF REINFORCEMENT IN INVERTED  
Date July, 1971 Pages: 73 T-BEAM BENT CAP GIRDERS  
Note:  
Author(s) RW FURLONG; PM FERGUSON et al

Report No. 113-5F (PUBLISHED) AN INVESTIGATION OF CREEP DUE TO BOND BETWEEN DEFORMED BARS  
Date August, 1971 Pages: 50 AND CONCRETE  
Note:  
Author(s) RW FURLONG; WC WONG et al

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Study No. 0-114 Status: TERMINATED Title: POLYMER CONCRETE - HIGHWAY APPLICATION  
Start 09/01/70 End 08/31/78  
Comment:  
Researcher(s) DW FOWLER (CTR)

Report No. 114-1 (PUBLISHED) POLYMER-IMPREGNATED CONCRETE FOR HIGHWAY APPLICATIONS  
Date February, 1973 Pages: 159  
Note:  
Author(s) DW FOWLER; JT HOUSTON et al

Report No. 114-2 (PUBLISHED) CORROSION PROTECTION OF REINFORCING STEEL PROVIDED BY  
Date July, 1969 Pages: 31 POLYMER-IMPREGNATED CONCRETE  
Note:  
Author(s) DW FOWLER; DR PAUL et al

Report No. 114-3 (PUBLISHED) REPAIR OF CONCRETE WITH POLYMERS  
Date February, 1975 Pages: 82 NTIS PB 252490  
Note:  
Author(s) MM JABER; DW FOWLER et al

Report No. 114-4 (PUBLISHED) DURABILITY, STRENGTH, AND METHOD OF APPLICATION OF  
Date January, 1976 Pages: 207 NTIS PB 274963 POLYMER-IMPREGNATED CONCRETE FOR SLAB  
Note:  
Author(s) P YIMPRASERT; DW FOWLER et al

Report No. 114-5 (PUBLISHED) PARTIAL POLYMER IMPREGNATION OF CENTER POINT ROAD BRIDGE  
Date January, 1976 Pages: 70  
Note:  
Author(s) R WEBSTER; DW FOWLER et al

Report No. 114-6 (PUBLISHED) BEHAVIOR OF POST-TENSIONED POLYMER-IMPREGNATED CONCRETE  
Date June, 1978 Pages: 314 NTIS PB80-154214 BEAMS  
Note:  
Author(s) E LIMSUNAN; DW FOWLER et al

Report No. 114-7 (PUBLISHED) AN INVESTIGATION OF THE USE OF POLYMER-CONCRETE OVERLAYS  
Date March, 1979 Pages: 131 NTIS PB81-110819 FOR BRIDGE DECKS  
Note:  
Author(s) H HSU; DW FOWLER et al

Report No. 114-8 (PUBLISHED) POLYMER-CONCRETE REPAIR OF BRIDGE DECKS  
Date March, 1979 Pages: 45 NTIS PB80-222649  
Note:  
Author(s) DW FOWLER; DR PAUL

Report No. 114-9F (PUBLISHED) CONCRETE-POLYMER MATERIALS FOR HIGHWAY APPLICATIONS  
Date March, 1979 Pages: 32 NTIS PB80-212012  
Note:  
Author(s) DW FOWLER; DR PAUL

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Study No. 0-115 Status: TERMINATED Title: EXPERIMENTAL VERIFICATION OF COMPUTER SIMULATION METHODS FOR  
Start 09/01/67 End 08/31/70 SLAB AND GIRDER BRIDGE SYSTEMS  
Comment:  
Researcher(s) JE BREEN (CTR)

Report No. 115-1F (PUBLISHED) VERIFICATION OF COMPUTER SIMULATION METHODS FOR SLAB AND  
Date August, 1971 Pages: 175 GIROER BRIDGE SYSTEMS  
Note:  
Author(s) AF ALANI; JE BREEN

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Study No. 0-116 Status: TERMINATED Title: DEVELOPMENT OF RADIAL FLOW ENERGY DISSIPATOR FOR CULVERT  
Start 09/01/68 End 08/31/70 OUTLETS  
Comment:  
Researcher(s) W MOORE (CTR)

Report No. 116-1 (PUBLISHED) ADAPTATION OF RADIAL FLOW ENERGY DISSIPATOR FOR USE WITH  
Date July, 1970 Pages: 88 CIRCULAR OR BOX CULVERTS  
Note:  
Author(s) WL MOORE; K MESHGIN

Report No. 116-2F (PUBLISHED) DESIGN ASPECTS AND PERFORMANCE CHARACTERISTICS OF RADIAL  
Date August, 1970 Pages: 142 FLOW ENERGY DISSIPATORS  
Note:  
Author(s) K MESHGIN; WL MOORE

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Study No. 0-117 Status: TERMINATED Title: DEVELOPMENT OF METHODS OF ANALYSIS OF DEEP FOUNDATIONS  
Start 09/01/67 End 08/31/71 CONSIDERING NONLINEAR SOIL BEHAVIOR  
Comment:  
Researcher(s) WR COX (CTR)

Report No. 117-1 (PUBLISHED) A METHOD FOR THE ANALYSIS OF PILE SUPPORTED FOUNDATIONS  
Date June, 1969 Pages: 184 CONSIDERING NONLINEAR SOIL BEHAVIOR  
Note:  
Author(s) F PARKER; WR COX

Report No. 117-2 (PUBLISHED) EXPERIMENTAL AND ANALYTICAL STUDIES OF BEHAVIOR OF SINGLE  
Date June, 1969 Pages: 184 PILES IN SAND UNDER LATERAL AND AXIAL LOADING  
Note:  
Author(s) F PARKER; LC REESE

Report No. 117-3F (PUBLISHED) ANALYSIS OF FOUNDATION WITH WIDELY SPACED BATTER PILES  
Date February, 1971 Pages: 321 NTIS PB215617  
Note:  
Author(s) K AWOSHIKA; LC REESE

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Study No. 0-118 Status: TERMINATED Title: STUDY OF EXPANSIVE CLAYS IN ROADWAY STRUCTURAL SYSTEMS  
Start 09/01/67 End 08/31/76  
Comment:  
Researcher(s) H MATLOCK (CTR)

Report No. 118-1	(PUBLISHED)	THEORY OF MOISTURE MOVEMENTS IN EXPANSIVE CLAY
Date September, 1969	Pages: 161	
Note:		
Author(s) RL LYTTON		
Report No. 118-2	(PUBLISHED)	CONTINUUM THEORY OF MOISTURE MOVEMENT AND SWELL IN EXPANSIVE CLAYS
Date September, 1969	Pages: 35	
Note:		
Author(s) RN NACHLINGER; RL LYTTON		
Report No. 118-3	(PUBLISHED)	PREDICTION OF MOISTURE MOVEMENT IN EXPANSIVE CLAYS
Date May, 1970	Pages: 289	
Note:		
Author(s) RL LYTTON; RR KHER		
Report No. 118-4	(PUBLISHED)	PREDICTION OF SWELLING IN EXPANSIVE CLAYS
Date September, 1970	Pages: 217	NTIS PB201154
Note:		
Author(s) RL LYTTON; WG WATT		
Report No. 118-5	(PUBLISHED)	AN EXAMINATION OF EXPANSIVE CLAY PROBLEMS IN TEXAS
Date July, 1971	Pages: 29	
Note:		
Author(s) WR HUDSON; JR WISE		
Report No. 118-6	(PUBLISHED)	MEASUREMENTS OF A SWELLING CLAY IN A PONDED CUT
Date June, 1972	Pages: 60	
Note:		
Author(s) WG WATT; ML STEINBERG		
Report No. 118-7	(PUBLISHED)	THE WACO PONDING PROJECT
Date January, 1974	Pages: 79	
Note:		
Author(s) RL MCKINNEY JR; JE KELLEY et al		
Report No. 118-8	(PUBLISHED)	CONTINUING MEASUREMENTS OF A SWELLING CLAY IN A PONDED CUT
Date December, 1974	Pages: 35	NTIS PB242546
Note:		
Author(s) ML STEINBERG		
Report No. 118-9F	(PUBLISHED)	OBSERVATION OF AN EXPANSIVE CLAY UNDER CONTROLLED CONDITIONS
Date November, 1976	Pages: 66	NTIS PB80-113335
Note:		
Author(s) JB STEVENS; PM BROTCKE et al		
Report No. 118-INT.	(NOT PUBLISHED)	METHODS FOR OBSERVATION OF AN EXPANSIVE CLAY
Date August, 1974	Pages: 79	
Note:		
Author(s) PM BROTCKE		

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Study No. 0-119	Status: TERMINATED	Title: DEVELOPMENT AND EVALUATION OF TRAFFIC PROJECTION AND ASSIGNMENT TECHNIQUES
Start 09/01/67	End 08/31/70	
Comment:		
Researcher(s) VG STOVER (TT1)		

Report No. 119-1 (PUBLISHED) OPERATING MANUAL FOR THE TEXAS SMALL NETWORK PACKAGE  
 Date October, 1969 Pages: 34  
 Note:  
 Author(s) GD LONG; CE BELL et al

Report No. 119-2 (PUBLISHED) OPERATING MANUAL FOR THE TEXAS LARGE NETWORK PACKAGE  
 Date October, 1969 Pages: 34  
 Note:  
 Author(s) CE BELL

Report No. 119-3F (PUBLISHED) TRAFFIC PROJECTION AND ASSIGNMENT  
 Date September, 1971 Pages: 72  
 Note:  
 Author(s) VG STOVER; JD BENSON

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Study No. 0-120 Status: TERMINATED Title: NUMERICAL GROUND IMAGE  
 Start 09/01/67 End 08/31/68  
 Comment:  
 Researcher(s) RD TURPIN (TTI)

Report No. 120-1F (PUBLISHED) NUMERIC GROUND IMAGE SYSTEMS DESIGN  
 Date August, 1968 Pages: 30  
 Note:  
 Author(s) DA MAXWELL; RD TURPIN

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Study No. 0-121 Status: TERMINATED Title: DESIGN PROCEDURES FOR LONG-SPAN PRESTRESSED CONCRETE BRIDGES  
 Start 09/01/68 End 08/31/74 OF SEGMENTAL CONSTRUCTION  
 Comment:  
 Researcher(s) JE BREEN (CTR)

Report No. 121-1 (PUBLISHED) LONG-SPAN PRESTRESSED CONCRETE BRIDGES OF SEGMENTAL  
 Date May, 1969 Pages: 45 CONSTRUCTION STATE-OF-THE-ART  
 Note:  
 Author(s) GC LACEY; JE BREEN

Report No. 121-2 (PUBLISHED) EPOXY RESINS FOR JOINTING SEGMENTALLY CONSTRUCTED  
 Date August, 1974 Pages: 74 NTIS PB247774 PRESTRESSED BOX GIRDER BRIDGES  
 Note:  
 Author(s) S KASHIMA; JE BREEN

Report No. 121-3 (PUBLISHED) THE DESIGN AND OPTIMIZATION OF SEGMENTALLY PRECAST  
 Date August, 1975 Pages: 232 NTIS PB259769 PRESTRESSED BOX GIRDER BRIDGES  
 Note:  
 Author(s) GC LACEY; JE BREEN

Report No. 121-4 (PUBLISHED) COMPUTER ANALYSIS OF SEGMENTALLY ERECTED PRECAST  
 Date November, 1974 Pages: 226 NTIS PB248035 PRESTRESSED BOX GIRDER BRIDGES  
 Note:  
 Author(s) JC BROWN; NH BURNS et al

Report No. 121-5 (PUBLISHED) CONSTRUCTION AND LOAD TESTS OF A SEGMENTAL PRECAST BOX  
 Date February, 1975 Pages: 261 NTIS PB259771 GIRDER BRIDGE MODEL  
 Note:  
 Author(s) S KASHIMA; JE BREEN

Report No. 121-6F (PUBLISHED) MINIMIZING CONSTRUCTION PROBLEMS IN SEGMENTALLY PRECAST  
Date August, 1975 Pages: 296 NTIS PB259770 BOX GIRDER BRIDGES  
Note:  
Author(s) JE BREEN; RL COOPER et al

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Study No. 0-122 Status: TERMINATED Title: APPLICATION OF STATISTICAL QUALITY CONTROL PRINCIPLES TO  
Start 09/01/67 End 08/31/68 HIGHWAY CONSTRUCTION IN TEXAS  
Comment:  
Researcher(s) FH SCRIVNER (TTI)

Report No. 122-1F (PUBLISHED) STATISTICAL QUALITY CONTROL STUDIES AND FINDINGS RELATIVE  
Date November, 1968 Pages: 190 NTIS PB182624 TO HIGHWAY CONSTRUCTION  
Note:  
Author(s) JG DARROCH

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Study No. 0-123 Status: TERMINATED Title: A SYSTEM ANALYSIS OF PAVEMENT DESIGN AND RESEARCH  
Start 11/22/68 End 08/31/75 IMPLEMENTATION  
Comment:  
Researcher(s) JL BROWN (D-8)

Report No. 123-1 (PUBLISHED) A SYSTEMS APPROACH APPLIED TO PAVEMENT DESIGN AND RESEARCH  
Date March, 1970 Pages: 133  
Note:  
Author(s) WR HUDSON; BF MCCULLOUGH et al

Report No. 123-2 (PUBLISHED) A RECOMMENDED TEXAS HIGHWAY DEPARTMENT PAVEMENT DESIGN  
Date March, 1970 Pages: 106 SYSTEM USERS MANUAL  
Note:  
Author(s) JL BROWN; LJ BUTTLER et al

Report No. 123-3 (PUBLISHED) CHARACTERIZATION OF THE SWELLING CLAY PARAMETER USED IN THE  
Date August, 1970 Pages: 90 PAVEMENT DESIGN SYSTEM  
Note:  
Author(s) AW WITT; BF MCCULLOUGH

Report No. 123-4 (PUBLISHED) DEVELOPING A PAVEMENT FEEDBACK DATA SYSTEM  
Date February, 1971 Pages: 139  
Note:  
Author(s) RC HAAS

Report No. 123-5 (PUBLISHED) A SYSTEMS ANALYSIS OF RIGID PAVEMENT DESIGN  
Date January, 1971 Pages: 102  
Note:  
Author(s) RK KHER; WR HUDSON et al

Report No. 123-6 (PUBLISHED) CALCULATION OF THE ELASTIC MODULI OF A TWO LAYER PAVEMENT  
Date March, 1971 Pages: 12 SYSTEM FROM MEASURED SURFACE DEFLECTIONS  
Note:  
Author(s) FH SCRIVNER; CH MICHALAK et al

Report No. 123-7 (PUBLISHED) ANNUAL REPORT TO AREA III RESEARCH ADVISORY COMMITTEE ON  
Date April, 1971 Pages: 12 IMPORTANT PAVEMENT RESEARCH NEEDS 1970-71  
Note:  
Author(s) BF MCCULLOUGH; JL BROWN et al

Report No. 123-8	(PUBLISHED)	A SENSITIVITY ANALYSIS OF FLEXIBLE PAVEMENT SYSTEM FPS2
Date August, 1971	Pages: 76	
Note:		
Author(s) RK KHER; BF MCCULLOUGH et al		
Report No. 123-9	(PUBLISHED)	SKID RESISTANCE CONSIDERATIONS IN THE FLEXIBLE PAVEMENT DESIGN SYSTEM
Date April, 1972	Pages: 32	
Note:		
Author(s) DC STEITL; BF MCCULLOUGH		
Report No. 123-10	(PUBLISHED)	FLEXIBLE PAVEMENT - SECOND GENERATION INCORPORATING FATIGUE AND STOCHASTIC CONCEPTS
Date December, 1971	Pages: 343	
Note:		
Author(s) SP JAIN; BF MCCULLOUGH et al		
Report No. 123-11	(PUBLISHED)	FLEXIBLE PAVEMENT SYSTEM COMPUTER PROGRAM DOCUMENTATION
Date April, 1972	Pages: 186	NTIS PB221969
Note:		
Author(s) DL SCHAFER		
Report No. 123-12	(PUBLISHED)	A PAVEMENT FEEDBACK DATA SYSTEM
Date May, 1972	Pages: 143	NTIS PB221969
Note:		
Author(s) OG STROM; WR HUDSON et al		
Report No. 123-13	(PUBLISHED)	BENEFIT ANALYSIS FOR PAVEMENT DESIGN SYSTEMS
Date April, 1972	Pages: 88	
Note:		
Author(s) WF MCFARLAND		
Report No. 123-14	(PUBLISHED)	PREDICTION OF LOW TEMPERATURE AND THERMAL-FATIGUE CRACKING IN FLEXIBLE PAVEMENTS
Date August, 1972	Pages: 225	
Note:		
Author(s) MY SHAHIN; BF MCCULLOUGH		
Report No. 123-15	(PUBLISHED)	FPS-11 FLEXIBLE PAVEMENT SYSTEM COMPUTER PROGRAM DOCUMENTATION
Date October, 1972	Pages: 77	NTIS PB220826
Note:		
Author(s) HE ORELLANA		
Report No. 123-16	(PUBLISHED)	FATIGUE AND STRESS ANALYSIS CONCEPTS FOR MODIFYING THE RIGID PAVEMENT DESIGN SYSTEM
Date January, 1973	Pages: 133	
Note:		
Author(s) P YIMPRASERT; BF MCCULLOUGH		
Report No. 123-17	(PUBLISHED)	THE OPTIMIZATION OF A FLEXIBLE PAVEMENT SYSTEM USING LINEAR ELASTICITY
Date March, 1973	Pages: 85	
Note:		
Author(s) DY LU; CS SHIH et al		
Report No. 123-18	(PUBLISHED)	PROBABILISTIC DESIGN CONCEPTS APPLIED TO FLEXIBLE PAVEMENT SYSTEM DESIGN
Date May, 1973	Pages: 223	
Note:		
Author(s) MI DARTER; WR HUDSON		

Report No. 123-19	(PUBLISHED)	USE OF CONDITION SURVEYS, PROFILE STUDIES, AND MAINTENANCE
Date May, 1974	Pages: 119	STUDIES IN RELATING PAVEMENT DISTRESS TO PAVEMENT
Note:		PERFORMANCE
Author(s) RP SMITH; BF MCCULLOUGH		
Report No. 123-20	(PUBLISHED)	IMPLEMENTATION OF A COMPLEX DESIGN SYSTEM
Date June, 1973	Pages: 14	NTIS PB226594
Note:		
Author(s) LJ BUTTLER; HE ORELLANA		
Report No. 123-21	(PUBLISHED)	RIGID PAVEMENT DESIGN SYSTEM INPUT GUIDE FOR COMPUTER
Date May, 1974	Pages: 87	PROGRAM RPP2
Note:		
Author(s) RF CARMICHAEL; BF MCCULLOUGH		
Report No. 123-22	(PUBLISHED)	AN INTEGRATED PAVEMENT DESIGN PROCESSOR
Date May, 1974	Pages: 156	NTIS PB241794
Note:		
Author(s) DY LU; CS SHIH et al		
Report No. 123-23	(PUBLISHED)	STOCHASTIC STUDY OF DESIGN PARAMETERS AND LACK-OF-FIT OF
Date April, 1974	Pages: 58	PERFORMANCE MODEL IN THE TEXAS FLEXIBLE PAVEMENT DESIGN
Note:		SYSTEM
Author(s) M HOLSEN; WR HUDSON		
Report No. 123-24	(PUBLISHED)	THE EFFECT OF VARYING THE MODULUS AND THICKNESS OF
Date April, 1974	Pages: 41	ASPHALTIC CONCRETE SURFACING MATERIALS
Note:		
Author(s) M HOLSEN; WR HUDSON		
Report No. 123-25	(PUBLISHED)	LINEAR ELASTIC LAYER THEORY AS A MODEL OF DISPLACEMENTS
Date August, 1974	Pages: 123	MEASURED WITHIN AND BENEATH FLEXIBLE PAVEMENT STRUCTURES
Note:		LOADED BY THE DYNAFLECT
Author(s) FH SCRIVNER; CH MICHALAK		
Report No. 123-26	(PUBLISHED)	MODIFICATION AND IMPLEMENTATION OF THE RIGID PAVEMENT
Date January, 1975	Pages: 225	DESIGN SYSTEM
Note:		
Author(s) RF CARMICHAEL; BF MCCULLOUGH		
Report No. 123-27	(PUBLISHED)	INFLUENCE OF COGNITIVE STYLE IN A METHODOLOGY FOR DATA
Date February, 1975	Pages: 250	BASE DESIGN
Note:		
Author(s) RR BUSH		
Report No. 123-28	(PUBLISHED)	OPTIMAL FLEXIBLE PAVEMENT CROSS-SECTION DESIGN USING
Date June, 1975	Pages: 148	QUANTITY-DISCOUNT COST MODEL
Note:		
Author(s) DY LU; RL LYTTON et al		
Report No. 123-29	(PUBLISHED)	DECISION ANALYSIS MODEL FOR FLEXIBLE PAVEMENT SYSTEM DESIGN
Date January, 1976	Pages:	AND MANAGEMENT
Note: UNPUBLISHED		
Author(s)		



Report No. 123-6A (PUBLISHED) CALCULATION OF THE ELASTIC MODULI OF A TWO LAYER PAVEMENT  
 Date December, 1971 Pages: 94 SYSTEM FROM MEASURED SURFACE DEFLECTIONS - PART II  
 Note:  
 Author(s) FH SCRIVNER; CH MICHALAK et al

Report No. 123-30F (PUBLISHED) OVERVIEW OF PAVEMENT MANAGEMENT SYSTEMS: DEVELOPMENTS IN  
 Date January, 1976 Pages: 43 THE STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION  
 Note:  
 Author(s) WR HUDSON; BF MCCULLOUGH et al

Report No. 123-PROG. (PUBLISHED) A SENSITIVITY ANALYSIS OF FLEXIBLE PAVEMENT SYSTEM FPS-11  
 Date January, 1973 Pages: 119  
 Note:  
 Author(s) TC SUTARIA; WR HUDSON

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Study No. 0-124 Status: TERMINATED Title: FUNCTIONAL CLASSIFICATION HIGHWAY SYSTEMS  
 Start 11/01/68 End 08/31/70  
 Comment:  
 Researcher(s) DC GREER (CTR)

Report No. 124-1F (PUBLISHED) FUNCTIONAL CLASSIFICATION OF HIGHWAY SYSTEMS  
 Date June, 1972 Pages: 68  
 Note:  
 Author(s) WC VODRAZAK; JL STAHA

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Study No. 0-125 Status: TERMINATED Title: BEARING CAPACITY OF AXIALLY LOADED PILES  
 Start 09/01/67 End 08/31/70  
 Comment:  
 Researcher(s) HM COYLE (TTI)

Report No. 125-1 (PUBLISHED) SOIL DAMPING CONSTANTS RELATED TO COMMON SOIL PROPERTIES IN  
 Date September, 1968 Pages: 28 NTIS PB183255 SANDS AND CLAYS  
 Note:  
 Author(s) GC GIBSON; HM COYLE

Report No. 125-2 (PUBLISHED) DYNAMIC AND STATIC FIELD TESTS ON A SMALL INSTRUMENTED PILE  
 Date February, 1969 Pages: 24  
 Note:  
 Author(s) KW KORB; HM COYLE

Report No. 125-3 (PUBLISHED) PRELIMINARY STUDY OF IN-SITU MEASUREMENTS OF FRICTION AND  
 Date September, 1969 Pages: 32 BEARING IN CLAY  
 Note:  
 Author(s) JD REHMET; HM COYLE

Report No. 125-4 (PUBLISHED) IN-SITU MEASUREMENTS OF FRICTION AND BEARING CORRELATED  
 Date June, 1970 Pages: 75 WITH INSTRUMENTED PILE TESTS  
 Note:  
 Author(s) GW PERDUE; HM COYLE

Report No. 125-5 (PUBLISHED) WAVE EQUATION PREDICTION OF PILE BEARING CAPACITY COMPARED  
 Date December, 1970 Pages: 54 WITH FIELD TEST RESULTS  
 Note:  
 Author(s) RE BARTOSKEWITZ; HM COYLE

Report No. 125-6 (PUBLISHED) INVESTIGATION OF SOIL DAMPING ON FULL-SCALE TEST PILES  
 Date August, 1971 Pages: 44  
 Note:  
 Author(s) DA VAN REENAN; HM COYLE et al

Report No. 125-7 (PUBLISHED) WAVE EQUATION ANALYSIS OF FULL SCALE TEST PILES USING  
 Date August, 1972 Pages: 248 NTIS PB220290 MEASURED FIELD DATA  
 Note:  
 Author(s) R FOYE JR; TJ HIRSCH et al

Report No. 125-8F (PUBLISHED) BEARING CAPACITY PREDICTION BY WAVE EQUATION ANALYSIS -  
 Date August, 1973 Pages: 118 STATE OF THE ART  
 Note:  
 Author(s) HM COYLE; RE BARTOSKEWITZ et al

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Study No. 0-126 Status: TERMINATED Title: A LABORATORY AND FIELD EVALUATION OF THE POLISHING  
 Start 09/01/67 End 08/31/74 CHARACTERISTICS OF THE TEXAS AGGREGATES  
 Comment:  
 Researcher(s) KD HANKINS (D-8)

Report No. 126-1 (PUBLISHED) FIELD FRICTION PERFORMANCE OF SEVERAL EXPERIMENTAL TEST  
 Date March, 1971 Pages: 34 NTIS PB207277 SECTIONS  
 Note:  
 Author(s) JP UNDERWOOD

Report No. 126-2 (PUBLISHED) AGGREGATE POLISHING CHARACTERISTICS: THE BRITISH WHEEL TEST  
 Date January, 1971 Pages: 99 AND THE INSOLUBLE RESIDUE TEST  
 Note:  
 Author(s) JP UNDERWOOD; KD HANKINS et al

Report No. 126-3F (PUBLISHED) PAVEMENT SURFACE POLISHING CHARACTERISTICS: A CIRCULAR  
 Date June, 1974 Pages: 118 NTIS PB243107 TRACK TEST  
 Note:  
 Author(s) JP UNDERWOOD; O DARNABY et al

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Study No. 0-127 Status: TERMINATED Title: BINDER REQUIREMENT FOR LONG-LIFE FLEXIBLE PAVEMENT SURFACE  
 Start 09/15/68 End 08/31/71 COURSES  
 Comment:  
 Researcher(s) RN TRAXLER (TT1)

Report No. 127-1 (PUBLISHED) PERFORMANCE REQUIREMENTS OF HIGH-QUALITY FLEXIBLE PAVEMENTS  
 Date August, 1969 Pages: 81  
 Note:  
 Author(s) D BYNUM JR; RN TRAXLER

Report No. 127-2 (PUBLISHED) A THERMOVISCOELASTIC CHARACTERIZATION OF AN ASPHALTIC  
 Date August, 1970 Pages: 47 CONCRETE  
 Note:  
 Author(s) O BYNUM JR

Report No. 127-3 (PUBLISHED) LOSS OF DURABILITY IN BITUMINOUS PAVEMENT SURFACES -  
 Date November, 1971 Pages: 62 IMPORTANCE OF CHEMICALLY ACTIVE SOLAR RADIATION  
 Note:  
 Author(s) RN TRAXLER; FH SCRIVNER et al

Report No. 127-4F (PUBLISHED) EVALUATION OF ASPHALT STRUCTURAL PERFORMANCE  
Date May, 1971 Pages: 241  
Note:  
Author(s) SC BRITTON; D BYNUM JR et al

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Study No. 0-128 Status: TERMINATED Title: EXAMINATION OF CURRENT STATE-OF-THE-ART IN VIBRATING  
Start 01/07/69 End 08/31/69 CONCRETE PAVEMENT IN TEXAS HIGHWAY DEPARTMENT CONSTRUCTION  
Comment:  
Researcher(s) WB LEDBETTER (TTI)

Report No. 128-1F (PUBLISHED) CONSOLIDATION PRACTICES IN CONCRETE PAVEMENT CONSTRUCTION  
Date August, 1969 Pages: 18  
Note:  
Author(s) WB LEDBETTER; HJ TREYBIG

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Study No. 0-129 Status: TERMINATED Title: WINTER MAINTENANCE FOR BITUMINOUS PAVEMENTS - MATERIALS,  
Start 09/01/67 End 08/31/69 EQUIPMENT AND PROCEDURES  
Comment:  
Researcher(s) ER HARGETT (TTI)

Report No. 129-1 (PUBLISHED) A STUDY OF BITUMINOUS SURFACE MAINTENANCE IN TEXAS  
Date August, 1968 Pages: 15 NTIS PB180363  
Note:  
Author(s) ER HARGETT

Report No. 129-2F (PUBLISHED) A STUDY OF WINTER MAINTENANCE OF BITUMINOUS PAVEMENTS IN  
Date April, 1970 Pages: 26 TEXAS  
Note:  
Author(s) ER HARGETT

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Study No. 0-130 Status: TERMINATED Title: A STUDY OF REINFORCED CONCRETE BRIDGE DECK DETERIORATION:  
Start 09/01/67 End 08/31/72 DIAGNOSIS, TREATMENT AND REPAIR  
Comment:  
Researcher(s) FH SCRIVNER (TTI)

Report No. 130-1 (PUBLISHED) A STUDY OF REINFORCED CONCRETE BRIDGE DECK DETERIORATION:  
Date March, 1969 Pages: 16 PART I: REPAIR  
Note:  
Author(s) R SINNO; HL FURR

Report No. 130-2 (PUBLISHED) REINFORCED CONCRETE BRIDGE DECK DETERIORATION: DIAGNOSIS,  
Date September, 1968 Pages: 20 NTIS PB185043 TREATMENT AND REPAIR PART II: TREATMENT  
Note:  
Author(s) AH MEYER; HL FURR

Report No. 130-3 (PUBLISHED) FREEZE-THAW AND SKID RESISTANCE PERFORMANCE OF SURFACE  
Date October, 1969 Pages: 64 COATINGS ON CONCRETE  
Note:  
Author(s) HL FURR; LL INGRAM et al

Report No. 130-4 (PUBLISHED) AN INSTRUMENT FOR DETECTING DELAMINATION IN CONCRETE BRIDGE  
Date August, 1970 Pages: 29 NTIS PB196001 DECKS  
Note:  
Author(s) WM MOORE; G SWIFT et al

Report No. 130-5	(PUBLISHED)	BOND AND DURABILITY OF CONCRETE OVERLAYS
Date April, 1971	Pages: 40	
Note:		
Author(s) HL FURR; LL INGRAM		
Report No. 130-6	(PUBLISHED)	THE EFFECT OF SURFACE COATINGS AND BONDED OVERLAYS ON MOISTURE MIGRATION
Date June, 1971	Pages: 32	
Note:		
Author(s) LL INGRAM; HL FURR		
Report No. 130-7	(PUBLISHED)	AN INVESTIGATION OF THE APPLICABILITY OF ACOUSTIC PULSE VELOCITY MEASUREMENTS TO THE EVALUATION OF THE QUALITY OF CONCRETE IN BRIDGE DECKS
Date August, 1971	Pages: 38	
Note:		
Author(s) G SWIFT; WM MOORE		
Report No. 130-8	(PUBLISHED)	CONCRETE RESURFACING OVERLAYS FOR TWO BRIDGE DECKS
Date August, 1972	Pages: 75	
Note:		
Author(s) HL FURR; LL INGRAM		
Report No. 130-9	(PUBLISHED)	DETECTION OF BRIDGE DECK DETERIORATION
Date August, 1972	Pages: 32	
Note:		
Author(s) WM MOORE		
Report No. 130-10	(PUBLISHED)	AN INVESTIGATION OF CONCRETE QUALITY EVALUATION METHODS
Date November, 1972	Pages: 34	
Note:		
Author(s) R POEHL; G SWIFT et al		
Report No. 130-11F	(PUBLISHED)	BRIDGE DECK DETERIORATION: A SUMMARY OF REPORTS
Date December, 1972	Pages: 90	
Note:		
Author(s) HL FURR; LL INGRAM et al		
Report No. 130-SPEC.	(PUBLISHED)	DELAMINATION DETECTOR CONSTRUCTION
Date August, 1972	Pages: 166	
Note:		
Author(s)		

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Study No. 0-131      Status: TERMINATED      Title: STUDIES OF TRUCK CHARACTERISTICS RELATING TO HIGHWAY USE AND TAXATION IN TEXAS  
Start 09/01/67    End 08/31/70  
Comment:  
Researcher(s) WG ADKINS (TTI)

Report No. 131-1	(PUBLISHED)	FUEL TAX DIFFERENTIALS OF TEXAS CARGO VEHICLES
Date May, 1968	Pages: 102	NTIS PB182084
Note:		
Author(s) JL BUFFINGTON; WG ADKINS et al		

Report No. 131-2F	(PUBLISHED)	PROCEDURES FOR ESTIMATING THE TOTAL LOAD EXPERIENCE OF A HIGHWAY AS CONTRIBUTED BY CARGO VEHICLES
Date September, 1970	Pages: 143	
Note:		
Author(s) JL BUFFINGTON; DL SCHAFFER et al		

Report No. 131-INT. (PUBLISHED) PROCEDURES FOR ESTIMATING CARGO VEHICLE 18-KIP AXLE  
Date August, 1969 Pages: 122 EQUIVALENTS AND DETERMINING THE ADEQUACY OF LOADMETER  
Note: AND COUNT STATION SAMPLES  
Author(s) JL BUFFINGTON; DL SCHAFFER et al

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Study No. 0-132 Status: TERMINATED Title: EMERGENCY CALL BOX SYSTEM RESEARCH  
Start 05/09/68 End 08/31/69  
Comment:  
Researcher(s) WR MCCASLAND (TTI)

Report No. 132-1F (PUBLISHED) EVALUATION OF AN EMERGENCY CALL BOX SYSTEM  
Date December, 1969 Pages: 57  
Note:  
Author(s) ME GOOLSBY; WR MCCASLAND

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Study No. 0-133 Status: TERMINATED Title: A PILOT STUDY TO DETERMINE THE DEGREE OF INFLUENCE OF  
Start 05/27/69 End 08/31/70 VARIOUS FACTORS PERTAINING TO THE VEHICLE AND THE PAVEMENT  
Comment: TO TRAFFIC ACCIDENTS UNDER WET CONDITIONS  
Researcher(s) PR TUTT (D-8)

Report No. 133-1 (PUBLISHED) RELATIONSHIP OF THE TIRE-PAVEMENT INTERFACE TO TRAFFIC  
Date June, 1969 Pages: 127 ACCIDENTS OCCURRING UNDER WET CONDITIONS  
Note:  
Author(s) EH DEAN

Report No. 133-2 (PUBLISHED) DEVELOPMENT OF A TEXTURE PROFILE RECORDER  
Date July, 1970 Pages: 22  
Note:  
Author(s) BH ASHKAR

Report No. 133-3F (PUBLISHED) THE DEGREE OF INFLUENCE OF CERTAIN FACTORS PERTAINING TO  
Date September, 1970 Pages: 49 NTIS PB201151 THE VEHICLE AND THE PAVEMENT ON TRAFFIC ACCIDENTS UNDER  
Note: WET CONDITIONS  
Author(s) RR MORGAN; BH ASHKAR et al

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Study No. 0-134 Status: TERMINATED Title: RE-EVALUATION OF BASIC CRITERIA FOR GEOMETRIC DESIGN  
Start 11/25/68 End 08/31/71 STANDARDS IN TEXAS  
Comment:  
Researcher(s) JC GLENNON (TTI)

Report No. 134-1 (PUBLISHED) THE PASSING MANEUVER AS IT RELATES TO PASSING SITE DISTANCE  
Date August, 1969 Pages: 70 STANDARDS  
Note:  
Author(s) GD WEAVER; JC GLENNON

Report No. 134-2 (PUBLISHED) RE-EVALUATION OF TRUCK CLIMBING CHARACTERISTICS FOR USE IN  
Date August, 1969 Pages: 58 GEOMETRIC DESIGN  
Note:  
Author(s) JC GLENNON; CA JOYNER

Report No. 134-3 (PUBLISHED) EVALUATION OF STOPPING SIGHT DISTANCE DESIGN CRITERIA  
Date August, 1969 Pages: 71  
Note:  
Author(s) JC GLENNON

Report No. 134-4	(PUBLISHED)	STATE OF THE ART RELATED TO SAFETY CRITERIA FOR HIGHWAY CURVE DESIGN
Date November, 1969	Pages: 84	
Note:		
Author(s) JC GLENNON		
Report No. 134-5	(PUBLISHED)	THE RELATIONSHIP OF VEHICLE PATHS TO HIGHWAY CURVE DESIGN
Date May, 1971	Pages: 69	
Note:		
Author(s) JC GLENNON; GD WEAVER		
Report No. 134-6	(PUBLISHED)	PASSING PERFORMANCE MEASUREMENTS RELATED TO SIGHT DISTANCE DESIGN
Date June, 1971	Pages: 75	
Note:		
Author(s) GD WEAVER; JC GLENNON		
Report No. 134-7	(PUBLISHED)	FRictional REQUIREMENTS FOR HIGH-SPEED PASSING MANEUVERS
Date July, 1971	Pages: 62	
Note:		
Author(s) JC GLENNON		
Report No. 134-8F	(PUBLISHED)	A DETERMINATION FRAMEWORK FOR WET WEATHER SPEED LIMITS
Date August, 1971	Pages: 41	
Note:		
Author(s) JC GLENNON		

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Study No. 0-135      Status: TERMINATED      Title: DEFINITION OF RELATIVE IMPORTANCE OF FACTORS AFFECTING VEHICLE SKIDS  
Start 09/01/69    End 08/31/75  
Comment:  
Researcher(s) KD HANKINS (D-10)

Report No. 135-1	(PUBLISHED)	SKIDDING ACCIDENT SYSTEMS MODEL
Date March, 1971	Pages: 20	
Note:		
Author(s) KD HANKINS; RT GREGORY et al		
Report No. 135-2	(PUBLISHED)	FACTORS AFFECTING VEHICLE SKIDS: A BASIS FOR WET WEATHER SPEED ZONING
Date February, 1973	Pages: 60	
Note:		
Author(s) GD WEAVER; KD HANKINS et al		
Report No. 135-3	(PUBLISHED)	RAINFALL AND VISIBILITY - THE VIEW FROM BEHIND THE WHEEL
Date February, 1975	Pages: 51	
Note:		
Author(s) DL IVEY; EK LEHTIPUU et al		
Report No. 135-4	(PUBLISHED)	THE USE OF RAINFALL CHARACTERISTICS IN DEVELOPING METHODS FOR REDUCING WET WEATHER ACCIDENTS IN TEXAS
Date July, 1975	Pages: 41	
Note:		
Author(s) KD HANKINS		
Report No. 135-5	(PUBLISHED)	MANUAL-GUIDELINES FOR SKIDDING ACCIDENT REDUCTION
Date January, 1975	Pages: 42	
Note:		
Author(s) KD HANKINS		

Report No. 135-6	(PUBLISHED)	WET-WEATHER ACCIDENT REDUCTION - A BENEFIT/COST APPROACH
Date April, 1976	Pages: 68	
Note:		
Author(s) MM DAVIS; WF MCFARLAND		
Report No. 135-7F	(PUBLISHED)	TWO AIDS FOR FIELD PERSONNEL IN REDUCING SKIDDING ACCIDENTS
Date August, 1975	Pages: 103	
Note:		
Author(s) KD HANKINS; JP UNDERWOOD		
Report No. 135-INT.	(PUBLISHED)	ESTABLISHMENT OF WET WEATHER SPEED ZONING
Date January, 1972	Pages:	
Note:		
Author(s) GD WEAVER; KD HANKINS et al		

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Study No. 0-136      Status: TERMINATED      Title: DESIGN AND EVALUATION OF FLEXIBLE PAVEMENTS  
Start 09/01/68   End 08/31/73  
Comment:  
Researcher(s) WM MOORE (TTI)

Report No. 136-1	(PUBLISHED)	SEASONAL VARIATIONS OF PAVEMENT DEFLECTIONS IN TEXAS
Date January, 1971	Pages: 88	
Note:		
Author(s) R POEHL; FH SCRIVNER		
Report No. 136-2	(PUBLISHED)	TECHNIQUE FOR MEASURING THE DISPLACEMENT VECTOR THROUGHOUT THE BODY OF A PAVEMENT STRUCTURE SUBJECTED TO CYCLIC LOADING
Date August, 1971	Pages: 50	
Note:		
Author(s) WW MOORE; G SWIFT		
Report No. 136-3	(PUBLISHED)	A GRAPHICAL TECHNIQUE FOR DETERMINING THE ELASTIC MODULI OF A TWO-LAYERED STRUCTURE FROM MEASURED SURFACE DEFLECTIONS
Date November, 1972	Pages: 25	
Note:		
Author(s) G SWIFT		
Report No. 136-4	(PUBLISHED)	AN EMPIRICAL EQUATION FOR CALCULATING DEFLECTIONS ON THE SURFACE OF A TWO-LAYER ELASTIC SYSTEM
Date November, 1972	Pages: 8	NTIS PB219202
Note:		
Author(s) G SWIFT		
Report No. 136-5	(PUBLISHED)	ELASTIC MODULI DETERMINATION FOR SIMPLE TWO LAYER PAVEMENT STRUCTURES BASED ON SURFACE DEFLECTIONS
Date August, 1973	Pages: 66	
Note:		
Author(s) WM MOORE		
Report No. 136-6F	(PUBLISHED)	AN ANALYSIS OF DYNAMIC DISPLACEMENT MEASURED WITHIN PAVEMENT STRUCTURES
Date August, 1973	Pages: 41	
Note:		
Author(s) FH SCRIVNER; WM MOORE et al		
Report No. 136-6F Vol. 2	(PUBLISHED)	AN ANALYSIS OF DYNAMIC DISPLACEMENTS MEASURED WITHIN PAVEMENT STRUCTURES - APPENDIX B - BASIC DATA
Date August, 1973	Pages: 241	
Note:		
Author(s)		

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Study No. 0-137          Status: TERMINATED          Title: ROADWAY ILLUMINATION SYSTEMS  
Start 10/24/68 End 08/31/71  
Comment:  
Researcher(s) NE WALTON (TTI) NJ ROWAN (TTI)

Report No. 137-1          (PUBLISHED)          COST-EFFECTIVENESS ANALYSIS OF ROADWAY LIGHTING SYSTEMS  
Date June, 1969          Pages: 50  
Note:  
Author(s) WF MCFARLAND; NE WALTON

Report No. 137-2F          (PUBLISHED)          ROADWAY ILLUMINATION SYSTEMS-FINAL REPORT  
Date May, 1972          Pages: 192  
Note:  
Author(s) NJ ROWAN; NE WALTON

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Study No. 0-138          Status: TERMINATED          Title: VEHICLE - PAVEMENT INTERACTION STUDY  
Start 09/27/68 End 08/31/72  
Comment:  
Researcher(s) BM GALLAWAY (TTI)

Report No. 138-1          (PUBLISHED)          MICRO-TEXTURE MEASUREMENTS OF PAVEMENT SURFACES  
Date February, 1970      Pages: 20  
Note:  
Author(s) BM GALLAWAY; H TOMITA

Report No. 138-2          (PUBLISHED)          MACRO-TEXTURE, FRICTION CROSS SLOPE AND WHEEL TRACK  
Date June, 1970          Pages: 58          DEPRESSION MEASUREMENTS ON 41 TYPICAL TEXAS HIGHWAY  
Note:          PAVEMENTS  
Author(s) BM GALLAWAY; JG ROSE

Report No. 138-3          (PUBLISHED)          HIGHWAY FRICTION MEASUREMENTS WITH MU-METER AND  
Date June, 1970          Pages: 58          LOCKED-WHEEL TRAILER  
Note:  
Author(s) BM GALLAWAY; JG ROSE

Report No. 138-4          (PUBLISHED)          EFFECTS OF PAVEMENT SURFACE CHARACTERISTICS AND TEXTURES ON  
Date March, 1971          Pages: 36          SKID RESISTANCE  
Note:  
Author(s) BM GALLAWAY; JA EPPS et al

Report No. 138-5          (PUBLISHED)          THE EFFECTS OF RAINFALL INTENSITY, PAVEMENT CROSS SLOPE,  
Date May, 1971          Pages: 69          SURFACE TEXTURE, AND DRAINAGE LENGTH ON PAVEMENT WATER  
Note:          DEPTHS  
Author(s) BM GALLAWAY; RE SCHILLER et al

Report No. 138-6          (PUBLISHED)          INFLUENCE OF WATER DEPTHS ON FRICTION PROPERTIES OF VARIOUS  
Date August, 1974          Pages: 124      NTIS PB240262      PAVEMENT TYPES  
Note:  
Author(s) BM GALLAWAY; JG ROSE et al

Report No. 138-7F          (PUBLISHED)          VEHICLE-PAVEMENT INTERACTION STUDY  
Date October, 1974      Pages: 65      NTIS PB242169  
Note:  
Author(s) RM DLSDN; JH JOHNSON et al

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Study No. 0-139          Status: TERMINATED  
Start 09/01/68 End 08/31/71  
Comment:  
Researcher(s) WR MCCASLAND (TTI)

Title: FREEWAY CONTROL AND INFORMATION SYSTEMS

Report No. 139-1	(PUBLISHED)	ACCIDENT REPORTING AND CLEARANCE PROCEDURES ON THE GULF FREEWAY
Date September, 1969	Pages: 14	
Note:		
Author(s) ME GOOLSBY		
Report No. 139-2	(PUBLISHED)	STATE OF THE ART RELATED TO REAL-TIME TRAFFIC INFORMATION FOR URBAN FREEWAYS
Date July, 1970	Pages: 55	
Note:		
Author(s) CL DUDEK		
Report No. 139-3	(PUBLISHED)	APPLICATION OF COMMERCIAL RADIO TO FREEWAY COMMUNICATION - A STUDY OF DRIVER ATTITUDES
Date July, 1970	Pages: 48	
Note:		
Author(s) CL DUDEK; D CUMMINGS		
Report No. 139-4	(PUBLISHED)	REAL-TIME INFORMATION NEEDS FOR URBAN FREEWAY DRIVERS
Date August, 1970	Pages: 124	
Note:		
Author(s) CL DUDEK; HB JONES		
Report No. 139-5	(PUBLISHED)	A SYSTEMS ANALYSIS FOR A REAL-TIME FREEWAY TRAFFIC INFORMATION SYSTEM FOR THE INBOUND GULF FREEWAY CORRIDOR
Date April, 1971	Pages: 88	
Note:		
Author(s) CJ MESSER; CL DUDEK et al		
Report No. 139-6	(PUBLISHED)	A QUALITATIVE ANALYSIS OF WRONG-WAY DRIVING IN TEXAS
Date May, 1971	Pages: 16	
Note:		
Author(s) CJ MESSER; JD FRIEBELE et al		
Report No. 139-7	(PUBLISHED)	STATE-OF-THE-ART OF WRONG-WAY DRIVING ON FREEWAYS AND EXPRESSWAYS
Date June, 1971	Pages: 34	
Note:		
Author(s) JD FRIEBELE; CJ MESSER et al		
Report No. 139-8	(PUBLISHED)	A STUDY OF FREEWAY TRAFFIC INFORMATION REPORTED VIA COMMERCIAL RADIO
Date June, 1971	Pages: 13	
Note:		
Author(s) CL DUDEK; JD FRIEBELE et al		
Report No. 139-9	(PUBLISHED)	THE EFFECTS OF ENTRANCE RAMP CLOSURE ON FREEWAY OPERATION DURING MORNING PEAK PERIODS
Date August, 1971	Pages: 25	
Note:		
Author(s) RC LOUTZENHEISER		
Report No. 139-10	(PUBLISHED)	EVALUATION OF ON-FREEWAY TRAFFIC CONTROL AT AN INTERCHANGE
Date August, 1971	Pages: 43	
Note:		
Author(s) RC LOUTZENHEISER; DM HENDERSON		

Report No. 139-11 (PUBLISHED) APPLICATION OF CLOSED CIRCUIT TELEVISION FOR TRAFFIC  
Date August, 1971 Pages: 56 NTIS PB308396 SURVEILLANCE IN TEXAS  
Note:  
Author(s) WR MCCASLAND; RG BIGGS

Report No. 139-12 (PUBLISHED) DIGITAL COMPUTER PROGRAMS FOR THE RAMP METERING SYSTEM ON  
Date August, 1971 Pages: 65 THE GULF FREEWAY  
Note:  
Author(s) GP RITCH

Report No. 139-13F (PUBLISHED) FREEWAY CONTROL AND INFORMATION SYSTEM  
Date January, 1972 Pages: 54  
Note:  
Author(s) WR MCCASLAND

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Study No. 0-140 Status: TERMINATED Title: EVALUATION OF THE ROADWAY ENVIRONMENT BY DYNAMIC ANALYSIS OF  
Start 09/01/68 End 08/31/74 THE INTERACTION BETWEEN THE VEHICLE, PASSENGER, AND ROADWAY  
Comment:  
Researcher(s) HE ROSS (TT1)

Report No. 140-1 (PUBLISHED) DOCUMENTATION OF INPUT FOR SINGLE VEHICLE ACCIDENT  
Date July, 1969 Pages: 110 COMPUTER PROGRAM  
Note:  
Author(s) RD YOUNG; TC EDWARDS et al

Report No. 140-2 (PUBLISHED) A THREE-DIMENSIONAL MATHEMATICAL MODEL OF AN AUTOMOBILE  
Date August, 1970 Pages: 203 NTIS PB197159 PASSENGER  
Note:  
Author(s) RD YOUNG

Report No. 140-3 (PUBLISHED) CRITERIA FOR THE DESIGN OF SAFE SLOPING CULVERT GRATES -  
Date August, 1971 Pages: 25 VOLUME I: DEVELOPMENT OF CRITERIA  
Note:  
Author(s) HE ROSS; ER POST

Report No. 140-4 Vol. 1 (PUBLISHED) CRITERIA FOR GUARDRAIL NEED AND LOCATION ON EMBANKMENTS -  
Date April, 1972 Pages: 75 VOLUME I: DEVELOPMENT OF CRITERIA  
Note:  
Author(s) HE ROSS; ER POST

Report No. 140-4 Vol. 2 (PUBLISHED) CRITERIA FOR GUARDRAIL NEED AND LOCATION ON EMBANKMENTS -  
Date July, 1972 Pages: 34 VOLUME II: DEVELOPMENT OF CRITERIA  
Note:  
Author(s) HE ROSS; ER POST

Report No. 140-5 (PUBLISHED) SIMULATION OF VEHICLE IMPACT WITH THE TEXAS CONCRETE  
Date June, 1972 Pages: 72 NTIS PB220459 MEDIAN BARRIER - VOL. I - TEST COMPARISONS AND PARAMETER  
Note: STUDY  
Author(s) RD YOUNG; HE ROSS et al

Report No. 140-6 (PUBLISHED) DYNAMIC BEHAVIOR OF AN AUTOMOBILE TRAVERSING SELECTED CURBS  
Date January, 1975 Pages: 69 AND MEDIANS  
Note:  
Author(s) HE ROSS; ER POST

Report No. 140-7	(PUBLISHED)	COMPARISONS OF FULL-SCALE EMBANKMENT TESTS WITH COMPUTER SIMULATIONS - VOLUME I: TEST RESULTS AND COMPARISONS
Date December, 1972	Pages: 106	
Note:		
Author(s) HE ROSS; ER POST		
Report No. 140-B	(PUBLISHED)	IMPACT PERFORMANCE AND A SELECTION CRITERION FOR TEXAS MEDIAN BARRIERS
Date April, 1974	Pages: 115	
Note:		
Author(s) HE ROSS		
Report No. 140-9	(PUBLISHED)	HVOSM USER'S MANUAL
Date August, 1974	Pages: 152	NTIS PB241421
Note:		
Author(s) ME JAMES; HE ROSS		
Report No. 140-10F	(PUBLISHED)	EVALUATION OF ROADWAY SAFETY FEATURES BY COMPUTER SIMULATION - A FINAL REPORT
Date February, 1975	Pages: 33	NTIS PB443008
Note:		
Author(s) HE ROSS		

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Study No. 0-141                      Status: TERMINATED                      Title: QUALITY OF PORTLAND CEMENT CONCRETE PAVEMENT AS RELATED TO ENVIRONMENTAL FACTORS AND HANDLING PRACTICES  
Start 09/01/69   End 08/31/74  
Comment:  
Researcher(s) WB LEDBETTER (TTI)

Report No. 141-1	(PUBLISHED)	LABORATORY STUDY OF EFFECTS OF ENVIRONMENT AND CONSTRUCTION PROCEDURES ON CONCRETE PAVEMENT SURFACES
Date November, 1972	Pages: 24	
Note:		
Author(s) RO WRBAS; WB LEDBETTER et al		

Report No. 141-2	(PUBLISHED)	FIRST PROGRESS REPORT ON CONCRETE EXPERIMENTAL TEST SECTIONS ON THE STATE HIGHWAY 6 THROUGH ROUTE IN BRAZOS COUNTY, TEXAS
Date August, 1973	Pages: 63	
Note:		
Author(s) JL DAVIS; WB LEDBETTER et al		

Report No. 141-3	(PUBLISHED)	EFFECTS OF TEMPERATURE, WIND AND HUMIDITY ON SELECTED CURING MEDIA
Date August, 1974	Pages: 54	NTIS PB242566
Note:		
Author(s) LD GROTH; AH MEYER et al		

Report No. 141-4F	(PUBLISHED)	EVALUATION OF FULL SCALE EXPERIMENTAL CONCRETE HIGHWAY FINISHES
Date September, 1974	Pages: 81	NTIS PB242288
Note:		
Author(s) WB LEDBETTER; AH MEYER et al		

Report No. 141-PROG.1	(PUBLISHED)	WEARABILITY OF PORTLAND CEMENT CONCRETE PAVEMENT FINISHES
Date August, 1971	Pages: 104	
Note:		
Author(s) WR MCKEEN; AH MEYER et al		

Report No. 141-PROG.2	(PUBLISHED)	A FIELD INVESTIGATION OF THE EFFECTS OF PAVING SPEED, VIBRATION FREQUENCY AND VIBRATION SPACING ON CONCRETE PAVEMENT QUALITY
Date July, 1971	Pages: 40	
Note:		
Author(s) JE WILEY; WB LEDBETTER et al		

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Study No. 0-142      Status: TERMINATED      Title: ESTABLISHMENT AND MANAGEMENT OF ROADSIDE VEGETATION  
 Start 11/08/68 End 08/31/73  
 Comment:  
 Researcher(s) WG MCCULLY (TTI)

Report No. 142-1      (PUBLISHED)      PROBLEMS IN ESTABLISHING OR MAINTAINING VEGETATION ON  
 Date December, 1970      Pages: 18      ROADSIDES  
 Note:  
 Author(s) WG MCCULLY; WJ BOWMER et al

Report No. 142-2      (PUBLISHED)      EVALUATION OF SOIL STERILANT HERBICIDES FOR ROADSIDES  
 Date July, 1971      Pages: 25  
 Note:  
 Author(s) WG MCCULLY; WJ BOWMER

Report No. 142-3      (PUBLISHED)      ESTABLISHMENT AND MANAGEMENT OF ROADSIDE VEGETATION - 1971  
 Date May, 1972      Pages: 12  
 Note:  
 Author(s) WG MCCULLY; JL STUBBENDIECK

Report No. 142-4F      (PUBLISHED)      ROADSIDE VEGETATION STUDIES, 1969-1973  
 Date August, 1974      Pages: 20      NTIS PB243042  
 Note:  
 Author(s) WG MCCULLY; JL STUBBENDIECK et al

Report No. 142-PROG.      (PUBLISHED)      USING HERBICIDES IN GRASS ESTABLISHMENT  
 Date January, 1970      Pages: 12  
 Note:  
 Author(s) WJ BOWMER; WG MCCULLY

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Study No. 0-143      Status: TERMINATED      Title: MASS TRANSPORTATION SYSTEMS EVALUATION  
 Start 09/01/71 End 08/31/73  
 Comment:  
 Researcher(s) RW HOLDER (TTI)

Report No. 143-1      (PUBLISHED)      TRANSIT IN THE U.S. AND TEXAS: PAST, PRESENT AND FUTURE  
 Date March, 1973      Pages: 56  
 Note:  
 Author(s) RW HOLDER

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Study No. 0-144      Status: TERMINATED      Title: HIGHWAY ACCIDENT RATES AND COSTS IN TEXAS  
 Start 10/23/68 End 08/31/70  
 Comment:  
 Researcher(s) WG ADKINS (TTI)

Report No. 144-1F      (PUBLISHED)      HIGHWAY ACCIDENT RATES AND COSTS IN TEXAS  
 Date December, 1970      Pages: 107      NTIS PB199358  
 Note:  
 Author(s) D BURKE

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Study No. 0-145      Status: TERMINATED      Title: A STUDY OF PRESTRESSED PANELS AND COMPOSITE ACTION IN  
 Start 12/02/69 End 08/31/72      CONCRETE BRIDGES MADE OF PRESTRESSED BEAMS, PRESTRESSED  
 Comment:      SUB-DECK PANELS, AND CAST-IN-PLACE DECKS  
 Researcher(s) HL FURR (TTI)

Report No. 145-1	(PUBLISHED)	STUDY OF IN-SERVICE BRIDGES CONSTRUCTED WITH PRESTRESSED PANEL SUB-DECKS
Date July, 1970	Pages: 57	
Note:		
Author(s) HL JONES; HL FURR		
Report No. 145-2	(PUBLISHED)	DEVELOPMENT LENGTH OF STRANDS IN PRESTRESSED PANELS SUB-DECKS
Date December, 1970	Pages: 43	
Note:		
Author(s) HL JONES; HL FURR		
Report No. 145-3	(PUBLISHED)	EVALUATION OF A PRESTRESSED PANEL, CAST-IN-PLACE CONCRETE BRIDGE
Date September, 1972	Pages: 140	
Note:		
Author(s) CE BUTH; HL FURR et al		
Report No. 145-4F	(PUBLISHED)	CYCLIC LOAD TESTS OF COMPOSITE PRESTRESSED REINFORCED CONCRETE PANELS
Date December, 1972	Pages: 15	NTIS PB237971
Note:		
Author(s) HL FURR; LL INGRAM		
Report No. 145-PROG.	(PUBLISHED)	INTERIM REPORT OF RESEARCH ON FULL-SCALE PRESTRESSED PANEL TYPE BRIDGE
Date September, 1971	Pages: 56	
Note:		
Author(s) CE BUTH; HL FURR et al		

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Study No. 0-146	Status: TERMINATED	Title: STUDIES OF TEXAS CRASH CUSHIONS AND FIELD ADAPTATION OF OTHER IMPACT ATTENUATION SYSTEMS
Start 07/15/68	End 08/31/74	
Comment:		
Researcher(s) TJ HIRSCH (TTI)		

Report No. 146-1	(PUBLISHED)	VEHICLE IMPACT ATTENUATION BY MODULAR CRASH CUSHION
Date June, 1969	Pages: 31	
Note:		
Author(s) TJ HIRSCH; DL IVEY		
Report No. 146-2	(PUBLISHED)	IN-SERVICE EXPERIENCE ON INSTALLATIONS OF TEXAS MODULAR CRASH CUSHIONS
Date December, 1969	Pages: 18	
Note:		
Author(s) MC WHITE; DL IVEY et al		
Report No. 146-3	(PUBLISHED)	FLEXBEAM REDIRECTIONAL SYSTEM FOR THE MODULAR CRASH CUSHION
Date October, 1970	Pages: 38	
Note:		
Author(s) GG HAYES; DL IVEY et al		
Report No. 146-4	(PUBLISHED)	VEHICLE CRASH TEST AND EVALUATION OF MEDIAN BARRIERS FOR TEXAS HIGHWAYS
Date September, 1972	Pages: 109	
Note:		
Author(s) TJ HIRSCH; ER POST et al		
Report No. 146-5	(PUBLISHED)	EVALUATION OF BREAKAWAY LIGHT POLES FOR USE IN HIGHWAY MEDIANS
Date May, 1972	Pages: 52	
Note:		
Author(s) NE WALTON; TJ HIRSCH et al		

Report No. 146-6	(PUBLISHED)	TEXAS CRASH CUSHION TRAILER TO PROTECT HIGHWAY MAINTENANCE VEHICLES
Date August, 1972	Pages: 36	
Note:		
Author(s) EL MARQUIS; TJ HIRSCH		
Report No. 146-7	(PUBLISHED)	TRUCK TESTS ON TEXAS CONCRETE MEDIAN BARRIER
Date August, 1972	Pages: 34	NTIS PB220853
Note:		
Author(s) TJ HIRSCH; ER POST		
Report No. 146-8	(PUBLISHED)	CRASH TEST OF MILE POST MARKER
Date January, 1972	Pages: 10	
Note:		
Author(s) TJ HIRSCH; CE BUTH		
Report No. 146-9	(PUBLISHED)	PENDULUM TESTS ON TRANSFORMER BASES FOR LUMINAIRE SUPPORTS
Date April, 1973	Pages: 53	
Note:		
Author(s) CE BUTH; TJ HIRSCH et al		
Report No. 146-10	(PUBLISHED)	CHAIN-LINK FENCE VEHICLE ARRESTING SYSTEM
Date July, 1973	Pages: 59	
Note:		
Author(s) EL MARQUIS; TJ HIRSCH et al		
Report No. 146-11	(PUBLISHED)	CRASH TESTS AND EVALUATION OF SINGLE POST HIGHWAY SIGNS
Date August, 1973	Pages: 85	
Note:		
Author(s) TJ HIRSCH; JW BUTTON et al		
Report No. 146-12	(PUBLISHED)	FULL SCALE CRASH TESTS OF A TIRE-SAND INERTIA BARRIER
Date March, 1975	Pages: 90	
Note:		
Author(s) EL MARQUIS; TJ HIRSCH		
Report No. 146-13F	(PUBLISHED)	CRASH TEST AND EVALUATION OF A STIFFENED METAL BEAM GUARD FENCE MEDIAN BARRIER FOR USE AROUND LUMINAIRE SUPPORTS
Date November, 1975	Pages: 21	
Note:		
Author(s) EL MARQUIS; TJ HIRSCH		

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Study No. 0-147      Status: TERMINATED      Title: VARIABLES ASSOCIATED WITH HYDROPLANING  
Start 09/01/69    End 08/31/74  
Comment:  
Researcher(s) RT GREGORY (TTI)

Report No. 147-1	(PUBLISHED)	A STUDY OF VARIABLES ASSOCIATED WITH WHEEL SPIN-DOWN AND HYDROPLANING
Date March, 1972	Pages: 52	
Note:		
Author(s) JE MARTINEZ; JM LEWIS et al		

Report No. 147-2	(PUBLISHED)	VARIABLES ASSOCIATED WITH AUTOMOBILE TIRE HYDROPLANING
Date September, 1972	Pages: 75	
Note:		
Author(s) AJ STOCKER; JM LEWIS		

Report No. 147-3F (PUBLISHED)  
Date August, 1974 Pages: 101 NTIS PB239782  
Note:  
Author(s) AJ STOCKER; JT DOTSON et al

AUTOMOBILE TIRE HYDROPLANING - A STUDY OF WHEEL SPIN-DOWN  
AND OTHER VARIABLES

Report No. 147-PROG. (PUBLISHED)  
Date March, 1971 Pages: 19  
Note:  
Author(s) AJ STOCKER; RT GREGORY

CONSTRUCTION OF A FACILITY TO STUDY VARIABLES ASSOCIATED  
WITH HYDROPLANING

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Study No. 0-148 Status: TERMINATED  
Start 09/01/70 End 08/31/74  
Comment:  
Researcher(s) WG ADKINS (TTI)

Title: SOCIAL, ECONOMIC AND ENVIRONMENTAL FACTORS IN HIGHWAY  
DECISION MAKING

Report No. 148-1 (PUBLISHED)  
Date June, 1971 Pages: 113  
Note:  
Author(s) JL BUFFINGTON; D BURKE et al

EXPERIENCES AND OPINIONS OF RESIDENTS ALONG ELEVATED,  
DEPRESSED, AND ON-GRADE FREEWAY SECTIONS IN HOUSTON, TEXAS

Report No. 148-2 (PUBLISHED)  
Date June, 1972 Pages: 64  
Note:  
Author(s) D BURKE; JL BUFFINGTON et al

ATTITUDES, OPINIONS, AND EXPECTATIONS OF BUSINESSMEN IN A  
PLANNED FREEWAY CORRIDOR

Report No. 148-3 (PUBLISHED)  
Date February, 1973 Pages: 150  
Note:  
Author(s) JL BUFFINGTON

CONSEQUENCES OF FREEWAY, DISPLACEMENT TO URBAN RESIDENTS  
IN LOW VALUED HOUSING

Report No. 148-4 (PUBLISHED)  
Date November, 1974 Pages: 29  
Note:  
Author(s) WG ADKINS; D BURKE

SOCIAL, ECONOMIC AND ENVIRONMENTAL FACTORS IN HIGHWAY  
DECISION MAKING

Report No. 148-5 (PUBLISHED)  
Date August, 1974 Pages: 200  
Note:  
Author(s) ME WEISS

A STUDY OF PUBLIC TRANSPORTATION IN HIGHWAY DECISION MAKING

Report No. 148-6 (PUBLISHED)  
Date November, 1974 Pages: 73  
Note:  
Author(s) D BURKE; PK GUSEMAN et al

EVALUATION OF RESIDENTS' ATTITUDES AND EXPECTATIONS OF A  
PLANNED FREEWAY

Report No. 148-7F (PUBLISHED)  
Date January, 1975 Pages: 99 NTIS PB264077  
Note:  
Author(s) TK FULLER; D BURKE et al

FREEWAY DESIGN AND LOCATION: A CASE STUDY OF URBAN  
RESIDENTS' ATTITUDES

Report No. 148-PROG. (PUBLISHED)  
Date October, 1971 Pages: 87  
Note:  
Author(s) WG ADKINS; D BURKE

INTERIM REPORT - SOCIAL, ECONOMIC AND ENVIRONMENTAL FACTORS  
IN HIGHWAY DECISION MAKING

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Study No. 0-149 Status: TERMINATED Title: PRESTRESSED CONCRETE BRIDGE GIRDER DESIGN PROGRAM  
Start 07/01/69 End 08/31/70  
Comment:  
Researcher(s) LL INGRAM (TTI)

Report No. 149-1F (PUBLISHED) PRESTRESSED CONCRETE BRIDGE GIRDER DESIGN PROGRAM  
Date November, 1970 Pages: 113  
Note:  
Author(s) LL INGRAM; HD BUTLER

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Study No. 0-150 Status: TERMINATED Title: TORSIONAL STRENGTH OF PRESTRESSED CONCRETE BRIDGE GIRDERS  
Start 11/05/69 End 08/31/70  
Comment:  
Researcher(s) CE BUTH (TTI)

Report No. 150-1F (PUBLISHED) TORSIONAL STRENGTH OF PRESTRESSED CONCRETE BRIDGE GIRDERS  
Date August, 1971 Pages: 68  
Note:  
Author(s) CE BUTH; HL FURR

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Study No. 0-151 Status: TERMINATED Title: MAINTENANCE QUALITY, METHODS AND RATINGS  
Start 09/09/70 End 08/31/74  
Comment:  
Researcher(s) JA EPPS (TTI)

Report No. 151-1 (PUBLISHED) DEVELOPMENT OF MAINTENANCE METHODS AND COST CODES  
Date July, 1974 Pages: 42 NTIS PB239534  
Note:  
Author(s) IE LARRIMORE; RM OLSON et al

Report No. 151-2 (PUBLISHED) ROADWAY MAINTENANCE EVALUATION USER'S MANUAL  
Date September, 1974 Pages: 94 NTIS PB243010  
Note:  
Author(s) JA EPPS; AH MEYER et al

Report No. 151-3 (PUBLISHED) OPERATIONAL CHARACTERISTICS OF MAYS RIDE METER  
Date September, 1976 Pages: 112  
Note:  
Author(s) JA EPPS; CW SHAW et al

Report No. 151-4F (PUBLISHED) THE DEVELOPMENT OF MAINTENANCE MANAGEMENT TOOLS FOR USE BY  
Date September, 1976 Pages: 414 NTIS PB265903 THE TEXAS STATE DEPARTMENT OF HIGHWAYS AND PUBLIC  
Note: TRANSPORTATION  
Author(s) JA EPPS; IE LARRIMORE et al

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Study No. 0-152 Status: TERMINATED Title: MAINTENANCE AND REFINEMENT OF THE ROADWAY DESIGN SYSTEM  
Start 03/02/73 End 08/31/74  
Comment:  
Researcher(s)

Report No. 152-1F (PUBLISHED) MAINTENANCE AND REFINEMENT OF THE ROADWAY DESIGN SYSTEM  
Date April, 1974 Pages: 49  
Note:  
Author(s) WL CRAWFORD; FC HERBER et al

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Study No. 0-153          Status: TERMINATED          Title: TORSION DESIGN FOR CONCRETE BRIDGE STRUCTURES  
Start 01/27/71   End 08/31/73  
Comment:  
Researcher(s) RW FURLONG (CTR)

Report No. 153-1F                                  (PUBLISHED)          STRENGTH AND SERVICEABILITY OF INVERTED T-BEAM BENT CAPS  
Date August, 1974      Pages: 70          SUBJECT TO COMBINED FLEXURE, SHEAR AND TORSION  
Note:  
Author(s) RW FURLONG; SA MIRZA

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Study No. 0-154          Status: TERMINATED          Title: FACTORS AFFECTING SPLICE DEVELOPMENT LENGTH  
Start 10/01/71   End 08/31/74  
Comment:  
Researcher(s) JE BREEN (CTR)

Report No. 154-1                                  (PUBLISHED)          THE BEHAVIOR OF MULTIPLE LAP SPLICES IN WIDE SECTIONS  
Date January, 1975      Pages: 75      NTIS PB248299  
Note:  
Author(s) MA THOMPSON; JO JIRSA et al

Report No. 154-2                                  (PUBLISHED)          THE PERFORMANCE OF LAPPED SPLICES UNDER RAPID LOADING  
Date January, 1975      Pages: 104      NTIS PB251973  
Note:  
Author(s) T REZANSOFF; MP BUFKIN et al

Report No. 154-3F                                  (PUBLISHED)          THE STRENGTH OF ANCHORED BARS: A REEVALUATION OF TEST DATA  
Date January, 1975      Pages: 78      NTIS PB481941          ON DEVELOPMENT LENGTH AND SPLICES  
Note:  
Author(s) CO ORANGUN; JO JIRSA et al

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Study No. 0-155          Status: TERMINATED          Title: STRESSES AND DEFLECTIONS IN HIGHWAY STRUCTURES  
Start 08/12/71   End 08/31/73  
Comment:  
Researcher(s) CP JOHNSON (CTR)

Report No. 155-1F                                  (PUBLISHED)          STATIC AND BUCKLING ANALYSIS OF HIGHWAY BRIDGES BY  
Date August, 1973      Pages: 156      NTIS PB248036          FINITE-ELEMENT PROCEDURES  
Note:  
Author(s) CP JOHNSON; T THEPCHATRI et al

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Study No. 0-156          Status: TERMINATED          Title: SURFACE DYNAMICS ROAD PROFILOMETER APPLICATION  
Start 09/14/70   End 08/31/75  
Comment:  
Researcher(s) WR HUDSON (CTR)

Report No. 156-1                                  (PUBLISHED)          A CORRELATION STUDY OF THE MAYS ROAD METER WITH THE SURFACE  
Date February, 1973      Pages: 58          DYNAMICS PROFILOMETER  
Note:  
Author(s) RS WALKER; WR HUDSON

Report No. 156-2                                  (PUBLISHED)          THE USE OF SPECTRAL ESTIMATES FOR PAVEMENT CHARACTERIZATION  
Date August, 1973      Pages: 64  
Note:  
Author(s) RS WALKER; WR HUDSON

Report No. 156-3	(PUBLISHED)	ANALYSIS OF CHARACTERISTIC ROUGHNESS PATTERNS IN PAVEMENTS AND THE RELATIONSHIP BETWEEN ROUGHNESS AND PAVEMENT DISTRESS
Date February, 1974	Pages: 83	NTIS PB247779
Note:		
Author(s) HJ WILLIAMSON; WR HUDSON		
Report No. 156-4	(PUBLISHED)	THE CHARACTERIZATION OF ROAD ROUGHNESS ON BRIDGE DECKS AND THE ADJOINING PAVEMENT
Date April, 1975	Pages: 151	NTIS PB248059
Note:		
Author(s) DB LAW; HJ WILLIAMSON et al		
Report No. 156-5F	(PUBLISHED)	A STUDY OF THE RELATIONSHIPS BETWEEN VARIOUS CLASSES OF ROAD-SURFACE ROUGHNESS AND HUMAN RATINGS OF RIDING QUALITY
Date August, 1975	Pages: 199	NTIS PB253592
Note:		
Author(s) HJ WILLIAMSON; WR HUDSON et al		
Report No. 156-INTR1	(PUBLISHED)	DYNAMIC VEHICULAR LOADING OF THE NORTH FLOODWAY BRIDGES, 1975
Date September, 1975	Pages: 48	
Note:		
Author(s) CE LEE		
Report No. 156-INTR2	(PUBLISHED)	DYNAMIC VEHICULAR LOADING OF THE HUBBARD CREEK RESERVOIR BRIDGE, 1975
Date April, 1975	Pages: 25	
Note:		
Author(s) CE LEE; RB MACHEMEHL		
Report No. 156-INTR3	(PUBLISHED)	SPEED-ZONING TO REDUCE DYNAMIC LOADS ON THE PORT ISABEL CAUSEWAY
Date March, 1974	Pages: 15	
Note:		
Author(s) CE LEE; RB MACHEMEHL		

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Study No. 0-157	Status: TERMINATED	Title: STATIC, FATIGUE, AND IMPACT STRENGTH OF ELECTRO-SLAG WELDMENTS
Start 09/01/70	End 08/31/71	
Comment:		
Researcher(s) AA TOPRAC (CTR)		

Report No. 157-1F	(PUBLISHED)	STATIC, FATIGUE AND IMPACT STRENGTH OF ELECTRO-SLAG WELDMENTS
Date December, 1972	Pages: 82	
Note:		
Author(s) JS NOEL; AA TOPRAC		

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Study No. 0-158	Status: TERMINATED	Title: DIAPHRAGM REQUIREMENTS FOR PRESTRESSED CONCRETE BRIDGES
Start 09/01/70	End 08/31/73	
Comment:		
Researcher(s) JE BREEN (CTR)		

Report No. 158-1F	(PUBLISHED)	THE EFFECT OF DIAPHRAGMS IN PRESTRESSED GIRDER AND SLAB BRIDGES
Date October, 1973	Pages: 232	
Note:		
Author(s) S SENGUPTA; JE BREEN		

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Study No. 0-159	Status: TERMINATED	Title: AN ANALYSIS OF ATTITUDES OF RELOCATEES UNDER THE 1970 RELOCATION ASSISTANCE PROGRAM
Start 11/07/72	End 08/31/75	
Comment:		
Researcher(s) JL BUFFINGTON (TTI)		

Report No. 159-1 (PUBLISHED) ATTITUDES, OPINIONS AND EXPERIENCES OF RESIDENTS DISPLACED  
 Date June, 1974 Pages: 82 BY HIGHWAYS UNDER THE 1970 RELOCATION ASSISTANCE PROGRAM  
 Note:  
 Author(s) JL BUFFINGTON; HG MEUTH et al

Report No. 159-2 (PUBLISHED) ATTITUDES, OPINIONS AND EXPERIENCES OF BUSINESS AND  
 Date November, 1974 Pages: 65 INSTITUTIONAL RELOCATEES DISPLACED BY HIGHWAYS UNDER THE  
 Note: 1970 RELOCATION ASSISTANCE PROGRAM  
 Author(s) JL BUFFINGTON; DL SCHAFER et al

Report No. 159-3F (PUBLISHED) COMPARATIVE ANALYSIS OF ATTITUDES, OPINIONS, EXPERIENCES  
 Date May, 1975 Pages: 44 AND CHARACTERISTICS OF HIGHWAY RELOCATES  
 Note:  
 Author(s) JL BUFFINGTON; DL SCHAFER

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Study No. 0-160 Status: TERMINATED Title: DYNAMIC TRAFFIC LOADING OF PAVEMENTS  
 Start 09/01/70 End 08/31/73  
 Comment:  
 Researcher(s) CE LEE (CTR)

Report No. 160-1F (PUBLISHED) DYNAMIC TRAFFIC LOADING OF PAVEMENTS  
 Date December, 1974 Pages: 70 NTIS PB244581  
 Note:  
 Author(s) RB MACHEMEHL; CE LEE

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Study No. 0-161 Status: TERMINATED Title: STABILITY OF EARTH SLOPES  
 Start 09/01/70 End 08/31/73  
 Comment:  
 Researcher(s) SG WRIGHT (CTR)

Report No. 161-1 (PUBLISHED) A SURVEY OF EARTH SLOPE FAILURES AND REMEDIAL MEASURES IN  
 Date December, 1972 Pages: 97 TEXAS  
 Note:  
 Author(s) TG ABRAMS; SG WRIGHT

Report No. 161-2F (PUBLISHED) A SURVEY AND EVALUATION OF REMEDIAL MEASURES FOR EARTH  
 Date August, 1974 Pages: 123 NTIS PB244626 SLOPE STABILIZATION  
 Note:  
 Author(s) RJ SCHWEIZER; SG WRIGHT

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Study No. 0-162 Status: TERMINATED Title: DEVELOPMENT OF INSTRUMENT SYSTEM FOR MEASURING PAVEMENT  
 Start 09/01/71 End 08/31/72 RESPONSE TO MOVING TRAFFIC LOADS  
 Comment:  
 Researcher(s) G SWIFT (TTI)

Report No. 162-1F (PUBLISHED) AN INSTRUMENT SYSTEM FOR MEASURING PAVEMENT DEFLECTIONS  
 Date August, 1972 Pages: 41 PRODUCED BY MOVING TRAFFIC LOADS  
 Note:  
 Author(s) G SWIFT

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Study No. 0-163 Status: TERMINATED Title: TIRE PAVEMENT FRICTION AS A FUNCTION OF VEHICLE MANEUVERS  
 Start 02/16/72 End 08/31/74  
 Comment:  
 Researcher(s) G HAYS (TTI)

Report No. 163-1 (PUBLISHED) TIRE PAVEMENT FRICTION AS A FUNCTION OF VEHICLE MANEUVERS  
Date September, 1972 Pages: 70  
Note:  
Author(s) GG HAYES

Report No. 163-2F (PUBLISHED) TIRE PAVEMENT FRICTION AS A FUNCTION OF VEHICLE MANEUVERS  
Date October, 1974 Pages: 86 NTIS PB240269  
Note:  
Author(s) GG HAYES

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Study No. 0-164 Status: TERMINATED Title: STRUCTURAL AND GEOMETRIC DESIGN OF HIGHWAY - RAILROAD GRADE CROSSINGS  
Start 09/01/73 End 08/31/76  
Comment:  
Researcher(s) RM OLSON (TTI)

Report No. 164-1 (PUBLISHED) STRUCTURAL AND GEOMETRIC CHARACTERISTICS OF HIGHWAY-RAILROAD GRADE CROSSINGS  
Date August, 1975 Pages: 100  
Note:  
Author(s) TM NEWTON; RL LYTTON et al

Report No. 164-2 (PUBLISHED) COMPUTATION OF DYNAMIC LOADS AT GRADE CROSSINGS: A USER'S MANUAL OF THE COMPUTER PROGRAM  
Date January, 1976 Pages: 65 NTIS PB259673  
Note:  
Author(s) A AHMAD; RL LYTTON

Report No. 164-3 (PUBLISHED) DYNAMIC PROPERTIES OF SUBGRADE SOILS, INCLUDING ENVIRONMENTAL EFFECTS  
Date May, 1976 Pages: 157  
Note:  
Author(s) EV EDRIS; RL LYTTON

Report No. 164-4F (PUBLISHED) AN ANALYSIS AND DESIGN PROCEDURE FOR HIGHWAY RAILROAD GRADE CROSSING FOUNDATIONS  
Date November, 1976 Pages: 104 NTIS PB277479  
Note:  
Author(s) A AHMAD; RL LYTTON et al

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Study No. 0-165 Status: TERMINATED Title: DEVELOPMENT OF URBAN TRAFFIC MANAGEMENT AND CONTROL SYSTEMS  
Start 09/01/71 End 08/31/74  
Comment:  
Researcher(s) WR MCCASLAND (TTI)

Report No. 165-1 (PUBLISHED) A STUDY OF ACCIDENT INVESTIGATION SITES ON THE GULF FREEWAY  
Date August, 1972 Pages: 64  
Note:  
Author(s) MA PITTMAN; RC LOUITZENHEISER

Report No. 165-2 (PUBLISHED) EVALUATION OF THE DATAMATE MODEL D-16 AS A TRAFFIC CONTROLLER  
Date August, 1972 Pages: 43  
Note:  
Author(s) GP RITCH

Report No. 165-3 (PUBLISHED) COMPUTER CONTROL OF THE WAYSIDE - TELEPHONE ARTERIAL STREET NETWORK  
Date April, 1973 Pages: 38  
Note:  
Author(s) CJ MESSER; JL GIBBS

Report No. 165-4	(PUBLISHED)	DESIGN OF A SAFETY WARNING SYSTEM PROTOTYPE FOR THE GULF FREEWAY
Date May, 1972	Pages: 28	NTIS PB218808
Note:		
Author(s) CL DUDEK; RG BIGGS		
Report No. 165-5	(PUBLISHED)	DEVELOPMENT OF A TECHNIQUE FOR DIGITAL COMPUTER CONTROL OF A SAFETY WARNING SYSTEM FOR URBAN FREEWAYS
Date May, 1972	Pages: 89	NTIS PB218809
Note:		
Author(s) CL DUDEK		
Report No. 165-6	(PUBLISHED)	INVESTIGATION OF LANE OCCUPANCY AS A CONTROL VARIABLE FOR A SAFETY WARNING SYSTEM FOR URBAN FREEWAYS
Date March, 1973	Pages: 44	
Note:		
Author(s) CL DUDEK; CJ MESSER et al		
Report No. 165-7	(PUBLISHED)	A STUDY OF DETECTOR RELIABILITY FOR A SAFETY WARNING SYSTEM ON THE GULF FREEWAY
Date November, 1974	Pages: 36	NTIS PB243040
Note:		
Author(s) CL DUDEK; A DUTT et al		
Report No. 165-8	(PUBLISHED)	DEVELOPMENT OF A MODEL FOR PREDICTING TRAVEL TIME ON AN URBAN FREEWAY
Date January, 1974	Pages: 33	
Note:		
Author(s) CJ MESSER; CL DUDEK		
Report No. 165-9	(PUBLISHED)	A STUDY OF MICROWAVE TELEVISION FOR TRAFFIC SURVEILLANCE IN TEXAS
Date August, 1975	Pages: 39	NTIS PB251006
Note:		
Author(s) WR MCCASLAND; RG BIGGS		
Report No. 165-10	(PUBLISHED)	INVESTIGATION OF COMPUTER OPERATING SYSTEM FOR USE IN URBAN TRAFFIC CONTROL SYSTEMS
Date August, 1972	Pages: 21	
Note:		
Author(s) JL GIBBS		
Report No. 165-11	(PUBLISHED)	STUDY OF TRAFFIC RESPONSIVE RAMP CLOSURE CONTROL
Date August, 1972	Pages: 24	
Note:		
Author(s) WR MCCASLAND; JH IBANEZ		
Report No. 165-12	(PUBLISHED)	AUTOMATIC DETECTION OF URBAN FREEWAY INCIDENTS
Date May, 1973	Pages: 74	NTIS PB236438
Note:		
Author(s) NB NUCKLES; CL DUDEK et al		
Report No. 165-13	(PUBLISHED)	EVALUATION OF A PROTOTYPE SAFETY WARNING SYSTEM ON THE GULF FREEWAY
Date July, 1974	Pages: 41	
Note:		
Author(s) CL DUDEK; RD HUCHINGSON et al		
Report No. 165-14	(PUBLISHED)	A REPORT ON THE USER'S MANUAL FOR PROGRESSION ANALYSIS AND SIGNAL SYSTEM EVALUATION ROUTINE--PASSER II
Date August, 1974	Pages: 26	NTIS PB241582
Note:		
Author(s) CJ MESSER; HE HAENEL et al		

Report No. 165-15	(PUBLISHED)	STUDY OF LOCAL RAMP CONTROL AT CULEBRA ENTRANCE RAMP ON
Date May, 1974	Pages: 29	NTIS PB241578
Note:		THE SOUTHBOUND IH-10
Author(s) WR MCCASLAND		
Report No. 165-16	(PUBLISHED)	COST-EFFECTIVENESS EVALUATION OF FREEWAY COURTESY PATROLS
Date October, 1974	Pages: 46	NTIS PB242276
Note:		IN HOUSTON
Author(s) DB FAMBRO		
Report No. 165-17	(PUBLISHED)	STATE-OF-THE-ART OF MOTORIST AID SYSTEMS
Date June, 1975	Pages: 47	
Note:		
Author(s) GP RITCH		
Report No. 165-18F	(PUBLISHED)	DEVELOPMENT OF URBAN TRAFFIC MANAGEMENT AND CONTROL SYSTEMS
Date October, 1974	Pages: 56	NTIS PB244952
Note:		
Author(s) WR MCCASLAND		

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Study No. 0-166      Status: TERMINATED      Title: URBAN HIGHWAY TRAFFIC NOISE REDUCTION  
Start 09/18/70   End 08/31/71  
Comment:  
Researcher(s) DL WOODS (TTI)

Report No. 166-1	(PUBLISHED)	THRESHOLD NOISE LEVELS
Date December, 1970	Pages: 26	NTIS PB200417
Note:		
Author(s) MF YOUNG; DL WOODS		
Report No. 166-2	(PUBLISHED)	HIGHWAY NOISE MEASUREMENTS FOR ENGINEERING DECISIONS
Date June, 1971	Pages: 65	
Note:		
Author(s) DL WOODS; MF YOUNG		
Report No. 166-3	(PUBLISHED)	HIGHWAY NOISE REDUCTION BY BARRIER WALLS
Date July, 1971	Pages: 96	NTIS PB208398
Note:		
Author(s) MF YOUNG; DL WOODS		
Report No. 166-4F	(PUBLISHED)	URBAN TRAFFIC NOISE REDUCTION - FINAL REPORT
Date August, 1971	Pages: 56	
Note:		
Author(s) DL WOODS; MF YOUNG		

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Study No. 0-167      Status: TERMINATED      Title: URBAN TRAVEL FORECASTING  
Start 09/01/70   End 08/31/73  
Comment:  
Researcher(s) VG STOVER (TTI)

Report No. 167-1	(PUBLISHED)	OPERATING MANUAL FOR THE TEXAS TRIP DISTRIBUTION PACKAGE
Date September, 1972	Pages: 146	
Note:		
Author(s) JD BENSON; CE BELL et al		

Report No. 167-2	(PUBLISHED)	PROGRAM DOCUMENTATION MANUAL FOR THE TEXAS TRIP DISTRIBUTION PACKAGE
Date March, 1974	Pages: 289	
Note:		
Author(s) JD BENSON; CE BELL et al		
Report No. 167-3	(PUBLISHED)	PROGRAM DOCUMENTATION MANUAL FOR THE TEXAS SMALL NETWORK PACKAGE
Date April, 1972	Pages: 284	
Note:		
Author(s) JD BENSON; CE BELL et al		
Report No. 167-4	(PUBLISHED)	PROGRAM DOCUMENTATION MANUAL FOR THE TEXAS LARGE NETWORK PACKAGE
Date April, 1972	Pages: 273	
Note:		
Author(s) JD BENSON; CE BELL et al		
Report No. 167-5	(PUBLISHED)	AN EVALUATION OF INDUCED TRAFFIC ON NEW HIGHWAY FACILITIES
Date March, 1972	Pages: 33	
Note:		
Author(s) RW HOLDER; VG STOVER		
Report No. 167-6	(PUBLISHED)	A PRELIMINARY EVALUATION OF THE TEMPORAL STABILITY OF TRIP GENERATION RATES
Date April, 1973	Pages: 54	
Note:		
Author(s) DL CHRISTIANSEN; VG STOVER		
Report No. 167-7	(PUBLISHED)	ACCURACY OF TRIP END ESTIMATES FROM THE HOME INTERVIEW SURVEY
Date August, 1973	Pages: 94	
Note:		
Author(s) VG STOVER; JD BENSON et al		
Report No. 167-8	(PUBLISHED)	ACCURACY OF TRAVEL PATTERN ESTIMATES FROM THE HOME INTERVIEW SURVEY
Date April, 1974	Pages: 73	
Note:		
Author(s) JD BENSON; DF PEARSON et al		
Report No. 167-9F	(PUBLISHED)	URBAN TRAVEL FORECASTING
Date August, 1974	Pages: 36	
Note:		
Author(s) JD BENSON; VG STOVER		

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Study No. 0-168	Status: TERMINATED	Title: COMBINED TORSION AND FLEXURE IN PRESTRESSED CONCRETE BRIDGE BEAMS
Start 09/01/71	End 08/31/72	
Comment:		
Researcher(s) CE BUTH (TTI)		

Report No. 168-1F	(PUBLISHED)	TORSIONAL STRESSES IN PRESTRESSED CONCRETE BRIDGE BEAMS
Date April, 1973	Pages: 36	
Note:		
Author(s) CE BUTH		

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Study No. 0-169	Status: TERMINATED	Title: DETERMINATION OF LATERAL EARTH PRESSURE FOR USE IN RETAINING WALL DESIGN
Start 11/01/70	End 08/31/75	
Comment:		
Researcher(s) HM COYLE (TTI)		

Report No. 169-1 (PUBLISHED) EVALUATION OF PRESSURE CELLS USED FOR FIELD MEASUREMENTS OF LATERAL EARTH PRESSURES ON RETAINING WALLS  
 Date September, 1971 Pages: 50  
 Note:  
 Author(s) DA CORBETT; HM COYLE et al

Report No. 169-2 (PUBLISHED) FIELD MEASUREMENTS OF LATERAL EARTH PRESSURES ON A CANTILEVER RETAINING WALL  
 Date September, 1972 Pages: 58  
 Note:  
 Author(s) HM COYLE; RE BARTOSKEWITZ et al

Report No. 169-3 (PUBLISHED) FIELD MEASUREMENTS OF LATERAL EARTH PRESSURES ON A PRE-CAST PANEL RETAINING WALL  
 Date September, 1973 Pages: 57  
 Note:  
 Author(s) DM PRESCOTT; HM COYLE et al

Report No. 169-4F (PUBLISHED) NEW RETAINING WALL DESIGN CRITERIA BASED ON LATERAL EARTH PRESSURE MEASUREMENTS  
 Date August, 1975 Pages: 102 NTIS PB251994  
 Note:  
 Author(s) WV WRIGHT; HM COYLE et al

Study No. 0-170 Status: TERMINATED Title: CREEP AND SHRINKAGE OF CONCRETE BASED ON MAJOR VARIABLES ENCOUNTERED IN THE STATE OF TEXAS  
 Start 09/01/70 End 08/31/73  
 Comment:  
 Researcher(s) LL INGRAM (TTI)

Report No. 170-1F (PUBLISHED) CREEP AND SHRINKAGE OF CONCRETE BASED ON MAJOR VARIABLES ENCOUNTERED IN THE STATE OF TEXAS  
 Date August, 1973 Pages: 42  
 Note:  
 Author(s) LL INGRAM; HL FURR

Study No. 0-171 Status: TERMINATED Title: EXTENSION OF TIES ROAD DESIGN SYSTEM  
 Start 09/01/70 End 08/31/72  
 Comment:  
 Researcher(s) LG WALKER (D-5)

Report No. 171-1 (PUBLISHED) EXTENSIONS OF THE ROADWAY DESIGN SYSTEM - BRIDGE DESIGN  
 Date May, 1973 Pages: 93  
 Note:  
 Author(s) LG WALKER; FC HERBER

Report No. 171-2 (PUBLISHED) EXTENSIONS OF THE ROADWAY DESIGN SYSTEM - PRELIMINARY LOCATION AND DESIGN STUDIES  
 Date May, 1973 Pages: 27  
 Note:  
 Author(s) LG WALKER; CJ POWERS

Report No. 171-3F (PUBLISHED) EXTENSIONS OF THE TIES ROADWAY DESIGN SYSTEM - FINAL REPORT  
 Date May, 1973 Pages: 39  
 Note:  
 Author(s) LG WALKER; SE MANGUM

Study No. 0-172 Status: TERMINATED Title: MECHANICAL AND FATIGUE BEHAVIOR OF HIGH STRENGTH ANCHOR BOLTS  
 Start 09/01/74 End 08/31/77  
 Comment:  
 Researcher(s) KH FRANK (CTR)



Report No. 172-1 (PUBLISHED) AXIAL TENSION FATIGUE STRENGTH OF ANCHOR BOLTS  
Date March, 1977 Pages: 105 NTIS PB285064  
Note:  
Author(s) FL FISCHER; KH FRANK

Report No. 172-2F (PUBLISHED) FATIGUE OF ANCHOR BOLTS  
Date July, 1978 Pages: 36 NTIS PB80-141732  
Note:  
Author(s) KH FRANK

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Study No. 0-173 Status: TERMINATED Title: DEVELOPMENT AND EVALUATION OF DN-FREEWAY TRAFFIC CONTROL SYSTEMS AND SURVEILLANCE TECHNIQUES  
Start 09/01/75 End 08/31/76  
Comment:  
Researcher(s) WR MCCASLAND (TTI)

Report No. 173-1 (PUBLISHED) ALTERNATIVE DESIGNS FOR CCTV TRAFFIC SURVEILLANCE SYSTEMS  
Date August, 1976 Pages: 33 NTIS PB263920  
Note:  
Author(s) DA ANDERSON; WR MCCASLAND

Report No. 173-2 (PUBLISHED) A STUDY OF DN FREEWAY LANE CLOSURE IN THE MERGE AREA OF TWO FREEWAYS  
Date March, 1976 Pages: 34 NTIS PB263971  
Note:  
Author(s) RV FULLERTON; WR MCCASLAND

Report No. 173-3F (PUBLISHED) DESIGN AND EVALUATION OF DN-FREEWAY TRAFFIC CONTROL SYSTEMS AND SURVEILLANCE TECHNIQUES  
Date October, 1976 Pages: 53 NTIS PB273276  
Note:  
Author(s) WR MCCASLAND; GP RITCH

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Study No. 0-174 Status: TERMINATED Title: DEVELOPMENT OF DYNAMIC PEAK FORCE READ-OUT APPARATUS FOR USE IN ANALYSIS OF PILING BEHAVIOR  
Start 09/01/72 End 08/31/74  
Comment:  
Researcher(s) HM COYLE (TTI)

Report No. 174-1F (PUBLISHED) OPERATING INSTRUCTIONS FOR DYNAMIC PILE FORCE READ-OUT MODEL 2174 (AN INSTRUMENT FOR MEASURING PEAK FORCES ON PILES DURING DRIVING)  
Date August, 1974 Pages: 77  
Note:  
Author(s) LJ MILBERGER; RA ZIMMER

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Study No. 0-175 Status: TERMINATED Title: HARDENING OF ASPHALT  
Start 09/01/71 End 08/31/76  
Comment:  
Researcher(s) JA EPPS (TTI)

Report No. 175-1 (PUBLISHED) USE OF ADDITIVES TO RETARD HARDENING OF ASPHALTS BY ACTINIC SOLAR RADIATION  
Date March, 1972 Pages: 28  
Note:  
Author(s) RN TRAXLER

Report No. 175-2F (PUBLISHED) LOW TEMPERATURE TRANSVERSE CRACKING OF ASPHALT CONCRETE PAVEMENTS IN CENTRAL AND WEST TEXAS  
Date September, 1976 Pages: 62  
Note:  
Author(s) PE BENSON

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Study No. 0-176	Status: TERMINATED	Title: THE BEHAVIOR OF DRILLED SHAFTS
Start 09/01/71	End 08/31/77	
Comment:		
Researcher(s) LC REESE (CTR)		
Report No. 176-1	(PUBLISHED)	THE BEHAVIOR OF AXIALLY LOADED DRILLED SHAFTS IN SAND
Date May, 1974	Pages: 259	NTIS PB240328
Note:		
Author(s) JA WOODLEY; LC REESE		
Report No. 176-2	(PUBLISHED)	BEHAVIOR OF AN AXIALLY LOADED DRILLED SHAFT UNDER SUSTAINED LOADING
Date May, 1974	Pages: 145	NTIS PB240328
Note:		
Author(s) JA WOODLEY; LC REESE		
Report No. 176-3	(PUBLISHED)	BEHAVIOR OF THREE INSTRUMENTED DRILLED SHAFTS UNDER SHORT TERM AXIAL LOADING
Date May, 1974	Pages: 117	NTIS PB241915
Note:		
Author(s) DE ENGELING; LC REESE		
Report No. 176-4	(PUBLISHED)	BEHAVIOR OF AXIALLY LOADED DRILLED SHAFTS IN CLAY-SHALES
Date March, 1976	Pages: 171	
Note:		
Author(s) RP AURORA; LC REESE		
Report No. 176-5F	(PUBLISHED)	DESIGN PROCEDURES FOR AXIALLY LOADED DRILLED SHAFTS
Date December, 1977	Pages: 156	NTIS PB290884
Note:		
Author(s) GW QUIROS; LC REESE		
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Study No. 0-177	Status: TERMINATED	Title: DEVELOPMENT AND IMPLEMENTATION OF DESIGN, CONSTRUCTION AND REHABILITATION OF RIGID PAVEMENTS
Start 09/01/74	End 08/31/80	
Comment:		
Researcher(s) BF MCCULLOUGH (CTR)		
Report No. 177-1	(PUBLISHED)	DRYING SHRINKAGE AND TEMPERATIVE DROP STRESSES IN JOINTED REINFORCED CONCRETE PAVEMENT
Date May, 1976	Pages: 165	
Note:		
Author(s) F RIVRO-VALLEJO; BF MCCULLOUGH		
Report No. 177-2	(PUBLISHED)	A SENSITIVITY ANALYSIS OF CONTINUOUSLY REINFORCED CONCRETE PAVEMENT MODEL CRCP-1 FOR HIGHWAYS
Date August, 1975	Pages: 106	
Note:		
Author(s) BF MCCULLOUGH; WR HUDSON		
Report No. 177-3	(PUBLISHED)	A STUDY OF THE PERFORMANCE OF THE MAYS RIDE METER
Date January, 1977	Pages: 81	NTIS PB 265753
Note:		
Author(s) YC HU; HJ WILLIAMSON et al		
Report No. 177-4	(PUBLISHED)	LABORATORY STUDY OF THE EFFECT OF NONUNIFORM FOUNDATION SUPPORT ON CONTINUOUSLY REINFORCED CONCRETE PAVEMENTS
Date August, 1977	Pages: 94	NTIS PB292000
Note:		
Author(s) E JIMENEZ; BF MCCULLOUGH et al		

Report No. 177-5	(PUBLISHED)	A COMPARISON OF TWO INERTIAL REFERENCE PROFILOMETER USED TO EVALUATE AIRFIELD AND HIGHWAY PAVEMENTS
Date March, 1976	Pages: 159	
Note: UNPUBLISHED		
Author(s) CE DOEPKE; BF MCCULLOUGH et al		
Report No. 177-6	(PUBLISHED)	SIXTEENTH YEAR PROGRESS REPORT ON EXPERIMENTAL CONTINUOUSLY REINFORCED CONCRETE PAVEMENT IN WALKER COUNTY
Date April, 1976	Pages: 50	
Note:		
Author(s) BF MCCULLOUGH; TP CHESNEY		
Report No. 177-7	(PUBLISHED)	CONTINUOUSLY REINFORCED CONCRETE PAVEMENT: STRUCTURAL PERFORMANCE AND DESIGN/CONSTRUCTION VARIABLES
Date May, 1977	Pages: 170	NTIS PB 274279
Note:		
Author(s) PJ STRAUSS; BF MCCULLOUGH et al		
Report No. 177-8	(NOT PUBLISHED)	CONTINUOUSLY REINFORCED CONCRETE PAVEMENT: PREDICTION OF DISTRESS QUANTITIES
Date March, 1977	Pages: 138	
Note:		
Author(s) JP MACHADO; BF MCCULLOUGH et al		
Report No. 177-9	(PUBLISHED)	CRCP-2, AN IMPROVED COMPUTER PROGRAM FOR THE ANALYSIS OF CONTINUOUSLY REINFORCED CONCRETE PAVEMENTS
Date August, 1977	Pages: 153	NTIS PB282648
Note:		
Author(s) JS MA; BF MCCULLOUGH		
Report No. 177-10	(PUBLISHED)	DEVELOPMENT OF PHOTOGRAPHIC TECHNIQUES FOR PERFORMING CONDITION SURVEYS
Date May, 1977	Pages: 29	
Note:		
Author(s) PJ STRAUSS; L LONG et al		
Report No. 177-11	(PUBLISHED)	A SENSITIVITY ANALYSIS OF RIGID PAVEMENT OVERLAY DESIGN PROCEDURE
Date June, 1977	Pages: 152	NTIS PB 283385
Note:		
Author(s) BC NAYAKK; WR HUDSON et al		
Report No. 177-12	(PUBLISHED)	A STUDY OF CRCP PERFORMANCE: NEW CONSTRUCTION VERSUS OVERLAY
Date April, 1978	Pages: 100	NTIS PB296358
Note:		
Author(s) JI DANIEL; WR HUDSON et al		
Report No. 177-13	(PUBLISHED)	A RIGID PAVEMENT OVERLAY DESIGN PROCEDURE FOR TEXAS SDHPT
Date May, 1978	Pages: 414	NTIS PB295792
Note:		
Author(s) D SCHNITTER; WR HUDSON et al		
Report No. 177-14	(PUBLISHED)	A METHODOLOGY TO DETERMINE AN OPTIMUM TIME TO OVERLAY
Date August, 1979	Pages: 141	
Note:		
Author(s) JI DANIEL; BF MCCULLOUGH et al		
Report No. 177-15	(PUBLISHED)	PRECAST REPAIR OF CONTINUOUSLY REINFORCED CONCRETE PAVEMENT
Date May, 1979	Pages: 308	NTIS PB81-123705
Note:		
Author(s) GE ELDINS; BF MCCULLOUGH et al		

Report No. 177-16 (PUBLISHED) NOMOGRAPHS FOR THE DESIGN OF CRCP STEEL REINFORCEMENT  
Date August, 1979 Pages: 121 NTIS PB80-220882  
Note:  
Author(s) CS NOBLE; BF MCCULLOUGH et al

Report No. 177-17 (PUBLISHED) LIMITING CRITERIA FOR THE DESIGN OF CRCP  
Date August, 1979 Pages: 66 NTIS PB80-211824  
Note:  
Author(s) M MA; BF MCCULLOUGH et al

Report No. 177-18 (PUBLISHED) DETECTION OF VOIDS UNDERNEATH CONTINUOUSLY REINFORCED  
Date August, 1979 Pages: 41 CONCRETE PAVEMENTS  
Note:  
Author(s) JW BIRKHOFF; BF MCCULLOUGH

Report No. 177-19 (PUBLISHED) MANUAL FOR CONDITION SURVEY OF CONTINUOUSLY REINFORCED  
Date February, 1981 Pages: 53 NTIS PB81-182545 CONCRETE PAVEMENTS  
Note:  
Author(s) A TAUTE; BF MCCULLOUGH

Report No. 177-20 (PUBLISHED) SUMMARY REPORT FOR 1978 CRCP CONDITION SURVEY IN TEXAS  
Date January, 1981 Pages: 144 NTIS PB81-181950  
Note:  
Author(s) O GUTIERREZ DE VELASCO; BF MCCULLOUGH

Report No. 177-21 (PUBLISHED) DISTRESS PREDICTION MODELS FOR CRCP  
Date March, 1981 Pages: 203  
Note:  
Author(s) CS NOBLE; BF MCCULLOUGH

Report No. 177-22F (PUBLISHED) SUMMARY AND RECOMMENDATIONS FOR THE IMPLEMENTATION OF  
Date March, 1981 Pages: 166 NTIS PB81-200578 RIGID PAVEMENT DESIGN, CONSTRUCTION AND REHABILITATION  
Note: TECHNIQUES  
Author(s) CS NOBLE; BF MCCULLOUGH et al

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Study No. 0-178 Status: TERMINATED Title: DEVELOPMENT OF A FRONTAGE ROAD LEVEL OF SERVICE EVALUATION  
Start 09/01/75 End 08/31/76 PROGRAM - PASSER III  
Comment:  
Researcher(s) CJ MESSER (TTI)

Report No. 178-1 (PUBLISHED) A REPORT ON THE USER'S MANUAL FOR DIAMOND INTERCHANGE  
Date August, 1977 Pages: 66 NTIS PB275061 SIGNALIZATION - PASSER III  
Note:  
Author(s) DB FAMBRO; DL PUTMAN et al

Report No. 178-2F (PUBLISHED) ANALYSIS OF DIAMOND INTERCHANGE OPERATION AND DEVELOPMENT  
Date August, 1976 Pages: 118 NTIS PB264634 OF A FRONTAGE ROAD LEVEL OF SERVICE EVALUATION PROGRAM -  
Note: PASSER III  
Author(s) CJ MESSER; DB FAMBRO et al

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Study No. 0-179 Status: TERMINATED Title: AUTOMATION OF CONSTRUCTION MATERIAL AND HAUL QUANTITY  
Start 09/01/73 End 08/31/74 DOCUMENTATION  
Comment:  
Researcher(s) RL MERRELL (D-19)

Report No. 179-1F (PUBLISHED) A PORTABLE AUTOMATED DATA ACQUISITION SYSTEM FOR MANUAL  
Date February, 1975 Pages: 60 NTIS PB241743 HAUL DOCUMENTATION  
Note:  
Author(s) RL MERRELL

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Study No. 0-180 Status: TERMINATED Title: EVALUATION OF THE USE OF CERTAIN ELASTOMERS IN ASPHALT  
Start 09/01/73 End 08/31/76  
Comment:  
Researcher(s) CW CHAFFIN (D-9)

Report No. 180-1F (PUBLISHED) EVALUATION OF THE USE OF CERTAIN ELASTOMERS IN ASPHALT  
Date July, 1978 Pages: 83  
Note:  
Author(s) CW CHAFFIN; DL O'CONNOR et al

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Study No. 0-181 Status: TERMINATED Title: APPLICATION OF IN-MOTION WEIGHING IN PLANNING AND DESIGN  
Start 09/01/73 End 08/31/75  
Comment:  
Researcher(s) CM WALTON (CTR)

Report No. 181-1F (PUBLISHED) TRUCK WEIGHT SURVEY BY IN-MOTION WEIGHING  
Date September, 1975 Pages: 126  
Note:  
Author(s) RB MACHEMEHL; CE LEE et al

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Study No. 0-182 Status: TERMINATED Title: ESTABLISHMENT AND MANAGEMENT OF VEGETATION IN HIGHWAY  
Start 09/01/73 End 08/31/76 ENVIRONMENTS  
Comment:  
Researcher(s) W MCCULLEY (TTI)

Report No. 182-1 (PUBLISHED) PRELIMINARY CONTROL OF AFRICAN RUE (PEGANUM NARMALA L.)  
Date October, 1975 Pages: 11 WITH VARIOUS HERBICIDES  
Note:  
Author(s) TJ ALLEN; WG MCCULLY et al

Report No. 182-2F (PUBLISHED) ESTABLISHMENT AND MANAGEMENT OF ROADSIDE VEGETATION  
Date December, 1976 Pages: 137  
Note:  
Author(s) TJ ALLEN; WG MCCULLY

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Study No. 0-183 Status: TERMINATED Title: TENSILE CHARACTERIZATION OF HIGHWAY PAVEMENT MATERIALS  
Start 09/01/71 End 08/31/80  
Comment:  
Researcher(s) TW KENNEDY (CTR)

Report No. 183-1 (PUBLISHED) TENSILE AND ELASTIC CHARACTERISTICS OF PAVEMENT MATERIALS  
Date January, 1974 Pages: 65  
Note:  
Author(s) BP MARSHALL; TW KENNEDY

Report No. 183-2 (PUBLISHED) FATIGUE AND REPEATED-LOAD ELASTIC CHARACTERISTICS OF  
Date January, 1975 Pages: 82 NTIS PB248037 IN-SERVICE ASPHALT-TREATED MATERIALS  
Note:  
Author(s) D NAVARRO; TW KENNEDY

Report No. 183-3	(PUBLISHED)	CUMULATIVE DAMAGE OF ASPHALT MATERIALS UNDER REPEATED LOAD INDIRECT TENSION
Date January, 1975	Pages: 228	NTIS PB 249358
Note:		
Author(s) CE COWHER; TW KENNEDY		
Report No. 183-4	(PUBLISHED)	COMPARISON OF FATIGUE TEST METHODS FOR ASPHALT MATERIALS
Date April, 1975	Pages: 122	
Note:		
Author(s) BW POTTER; TW KENNEDY		
Report No. 183-5	(PUBLISHED)	FATIGUE AND RESILIENT CHARACTERISTICS OF ASPHALT MIXTURES BY REPEATED LOAD INDIRECT TENSILE TEST
Date August, 1975	Pages: 250	NTIS PB262283
Note:		
Author(s) AS ADEDIMILA; TW KENNEDY		
Report No. 183-6	(PUBLISHED)	EVALUATION OF THE RESILIENT ELASTIC CHARACTERISTICS OF ASPHALT MIXTURES USING THE INDIRECT TENSILE TEST
Date November, 1975	Pages: 71	NTIS PB 272248
Note:		
Author(s) G GONZALEZ; TW KENNEDY et al		
Report No. 183-7	(PUBLISHED)	PERMANENT DEFORMATION CHARACTERISTICS OF ASPHALT MIXTURES BY REPEATED LOAD INDIRECT TENSILE TEST
Date June, 1976	Pages: 84	NTIS PB269356
Note:		
Author(s) J VALLEJO; TW KENNEDY et al		
Report No. 183-8	(PUBLISHED)	THE RESILIENT AND FATIGUE CHARACTERISTICS OF ASPHALT MIXTURES PROCESSED BY THE DRYER-DRUM MIXER
Date December, 1976	Pages: 59	
Note:		
Author(s) M RODRIQUEZ; TW KENNEDY		
Report No. 183-9	(PUBLISHED)	FATIGUE AND REPEATED LOAD ELASTIC CHARACTERISTICS OF INSERVICE PORTLAND CEMENT CONCRETE
Date June, 1977	Pages: 52	NTIS PB280124
Note:		
Author(s) JA CRUMLEY; TW KENNEDY		
Report No. 183-10	(PUBLISHED)	DEVELOPMENT OF A MIXTURE DESIGN PROCEDURE FOR RECYCLED ASPHALT MIXTURES
Date November, 1978	Pages: 70	
Note:		
Author(s) I PEREZ; TW KENNEDY et al		
Report No. 183-11	(PUBLISHED)	AN EVALUATION OF THE TEXAS BLACKBASE MIX DESIGN PROCEDURE USING THE INDIRECT TENSILE TEST
Date March, 1979	Pages: 119	NTIS PB80-152036
Note:		
Author(s) DB PETERS; TW KENNEDY		
Report No. 183-12	(PUBLISHED)	THE EFFECTS OF SOIL BINDER AND MOISTURE ON BLACKBASE MIXTURES
Date May, 1979	Pages: 117	NTIS P881-123986
Note:		
Author(s) WV PING; TW KENNEDY		
Report No. 183-13	(PUBLISHED)	EVALUATION OF THE EFFECTS OF MOISTURE CONTENT ON BLACKBASE MIXTURES
Date March, 1982	Pages: 42	
Note:		
Author(s) JN ANAGNOS; FL ROBERTS et al		

Report No. 183-14 (PUBLISHED) PROCEDURES FOR THE STATIC AND REPEATED-LOAD INDIRECT  
Date August, 1983 Pages: 44 TENSILE TEST  
Note:  
Author(s) TW KENNEDY; JN ANAGNOS

Report No. 183-15F (PUBLISHED) TENSILE CHARACTERIZATION OF HIGHWAY PAVEMENT MATERIALS  
Date July, 1983 Pages: 114  
Note:  
Author(s) TW KENNEDY

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Study No. 0-184 Status: TERMINATED Title: SIMULATION OF TRAFFIC BY A STEP-THROUGH TECHNIQUE  
Start 05/01/72 End 08/31/77  
Comment:  
Researcher(s) CE LEE (CTR)

Report No. 184-1 (PUBLISHED) THE TEXAS MODEL FOR INTERSECTION TRAFFIC: DEVELOPMENT  
Date December, 1977 Pages: 383  
Note:  
Author(s) CE LEE; TW RIOUX et al

Report No. 184-2 (PUBLISHED) THE TEXAS MODEL FOR INTERSECTION TRAFFIC: PROGRAMMER'S  
Date December, 1977 Pages: 326 GUIDE  
Note:  
Author(s) CE LEE; TW RIOUX et al

Report No. 184-3 (PUBLISHED) THE TEXAS MODEL FOR INTERSECTION TRAFFIC: USER'S GUIDE  
Date July, 1977 Pages: 82  
Note:  
Author(s) CE LEE; GE GRAYSON et al

Report No. 184-4F (PUBLISHED) APPLICATION OF THE TEXAS MODEL FOR ANALYSIS OF INTERSECTION  
Date July, 1978 Pages: 90 CAPACITY AND EVALUATION OF TRAFFIC CONTROL WARRANTS  
Note:  
Author(s) CE LEE; VS SAVUR et al

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Study No. 0-185 Status: TERMINATED Title: INCREASING THE EFFECTIVENESS OF PUBLIC HEARINGS  
Start 09/01/73 End 03/31/74  
Comment:  
Researcher(s) DL WOODS (TFI)

Report No. 185-1F (PUBLISHED) INCREASING THE EFFECTIVENESS OF PUBLIC HEARINGS  
Date March, 1976 Pages: 82  
Note:  
Author(s) DL WOODS; D BURKE et al

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Study No. 0-186 Status: TERMINATED Title: IMPLEMENTATION OF NUMERICAL GROUND IMAGE SYSTEM  
Start 09/01/70 End 08/31/73  
Comment:  
Researcher(s) G MANGUM (D-19)

Report No. 186-1 (PUBLISHED) IMPLEMENTATION OF NUMERICAL GROUND IMAGE SYSTEM  
Date May, 1973 Pages: 27  
Note:  
Author(s) LG WALKER

Report No. 186-2F (PUBLISHED) NUMERICAL GROUND IMAGE SYSTEM  
Date October, 1974 Pages: 131 NTIS PB249512  
Note:  
Author(s) WL CRAWFORD; RR GUESS

Report No. 186-2F MANUAL (PUBLISHED) NUMERICAL GROUND IMAGE SYSTEM USER MANUAL  
Date October, 1974 Pages: 50  
Note:  
Author(s) RR GUESS; WL CRAWFORD

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Study No. 0-187 Status: TERMINATED Title: LONG-TERM MONITORING OF PROJECTS  
Start 09/01/76 End 08/31/90  
Comment:  
Researcher(s) DV MORRIS (TTI)

Study No. 0-187-01 Status: ACTIVE Title: MONITORING OF MOISTURE BARRIERS IN EXPANSIVE CLAYS  
Start 09/01/84 End 08/31/92  
Comment:  
Researcher(s) RL LYTTON (TTI)

Study No. 0-187-02 Status: ACTIVE Title: MONITORING OF MOISTURE BARRIERS IN EXPANSIVE CLAYS  
Start 09/01/84 End / /  
Comment:  
Researcher(s) RL LYTTON (TTI)

Study No. 0-187-03 Status: TERMINATED Title: EVALUATION OF FABRIC TEST PAVEMENTS  
Start / / End 08/31/89  
Comment:  
Researcher(s) JW BUTTON (TTI)

Study No. 0-187-04 Status: ACTIVE Title: MONITORING ASPHALT-RUBBER TEST ROAD PERFORMANCE  
Start 09/01/86 End / / (MONITORING OF STUDY 449)  
Comment:  
Researcher(s) CK ESTAKHRI (TTI)

Study No. 0-187-05 Status: ACTIVE Title: ASPHALT ADDITIVES FOR INCREASED PAVEMENT FLEXIBILITY  
Start 09/01/86 End / /  
Comment:  
Researcher(s) JW BUTTON (TTI)

Study No. 0-187-06 Status: ACTIVE Title: TEXAS FLEXIBLE PAVEMENT DATA BASE  
Start 09/01/88 End 08/31/92  
Comment:  
Researcher(s) T SCULLION (TTI)

Study No. 0-187-07 Status: ACTIVE Title: UPDATING AND MAINTAINING THE RIGID PAVEMENT CONDITION  
Start 09/01/89 End 08/31/95 SURVEY DATA BASE  
Comment:  
Researcher(s) BF MCCULLOUGH (CTR)

Study No. 0-187-08 Status: ACTIVE Title: MONITORING OF CEMENT STABILIZED SOIL RETAINING WALLS  
Start 09/01/91 End / /  
Comment: MONITORING OF 1178  
Researcher(s) DV MORRIS (TTI)



Study No. 0-187-09	Status: ACTIVE	Title: CONTINUED MONITORING OF PAVEMENT TEST SECTIONS
Start 09/01/91	End 08/31/95	
Comment: MONITORING OF 1222		
Researcher(s) AH MEYER (CTR)		
Study No. 0-187-10	Status: ACTIVE	Title: CONTINUED MONITORING OF SEAL COAT TEST SECTIONS
Start 09/01/91	End 08/31/95	
Comment: MONITORING OF 490		
Researcher(s) AH MEYER (CTR)		
Study No. 0-187-11	Status: ACTIVE	Title: EVALUATION OF SAS PAVEMENT ON U.S. 77, KENEDY COUNTY, TEXAS
Start 08/05/91	End 03/01/92	
Comment:		
Researcher(s) D RAND (D-9)		
Report No. 187-1	(PUBLISHED)	FIELD TESTS AND DEMONSTRATION OF RESEARCH
Date January, 1977	Pages: 67	
Note:		
Author(s)		
Report No. 187-2	(PUBLISHED)	FOLLOW-UP REPORT ON EVALUATION OF FULL SCALE EXPERIMENTAL HIGHWAY FINISHES
Date August, 1977	Pages: 53	
Note:		
Author(s) KD HANKINS		
Report No. 187-3	(PUBLISHED)	ENERGY SAVINGS THROUGH ASPHALT TANK INSULATION
Date February, 1979	Pages: 77	
Note:		
Author(s) KD HANKINS		
Report No. 187-4	(PUBLISHED)	DAMAGE CAUSED BY OVERHEIGHT LOADS IN THE HOUSTON AREA
Date July, 1978	Pages: 16	
Note:		
Author(s)		
Report No. 187-5	(PUBLISHED)	PAVEMENT DAMAGE DUE TO HEAVY LOADS IN TEXAS: AN AREA STUDY
Date July, 1978	Pages: 31	
Note: REV. APRIL, 79		
Author(s)		
Report No. 187-6	(PUBLISHED)	A CORRELATION AND CALIBRATION OF FOUR DYNAFLECTS
Date December, 1980	Pages: 92	
Note:		
Author(s) KD HANKINS		
Report No. 187-7	(PUBLISHED)	FOLLOW-UP REPORT ON DEMONSTRATION PROJECT 1-10-76-526 EVALUATION OF OVERFLEX PAVEMENT TEST SECTIONS
Date June, 1981	Pages: 11	
Note:		
Author(s) KD HANKINS		
Report No. 187-8	(PUBLISHED)	FOLLOW-UP REPORT ON SAND-ASPHALT-SULFER (SAS) PAVEMENT IN KENEDY COUNTY - FOURTH-YEAR OBSERVATION
Date June, 1981	Pages: 31	
Note:		
Author(s) KD HANKINS		

Report No. 187-9	(PUBLISHED)	HORIZONTAL PLACEMENT OF A GEOTEXTILE ON A SUBGRADE TO CONTROL A SWELLING SOIL
Date February, 1983	Pages: 25	
Note:		
Author(s) ML STEINBERG		
Report No. 187-10	(PUBLISHED)	A REVIEW OF TINES TEXTURING OF PORTLAND CEMENT CONCRETE PAVING
Date June, 1984	Pages: 34	NTIS P886188992/AS
Note:		
Author(s) KD HANKINS		
Report No. 187-11	(PUBLISHED)	THE SIOMETER
Date January, 1985	Pages: 11	
Note:		
Author(s) KO HANKINS		
Report No. 187-12	(PUBLISHED)	MONITORING THE USE OF IMPERVIOUS FABRICS, GEOMEMBRANES, IN THE CONTROL OF EXPANSIVE SOILS
Date August, 1985	Pages: 30	
Note:		
Author(s) ML STEINBERG		
Report No. 187-13	(PUBLISHED)	DETECTION AND SIZING OF SURFACE CRACKS IN EXPANSIVE SOIL DEPOSITS
Date April, 1987	Pages: 153	NTIS P888-156658AS
Note:		
Author(s) RL LYTTON; M PICORNELL et al		
Report No. 187-14	(PUBLISHED)	ASPHALT ADDITIVES IN HIGHWAY CONSTRUCTION
Date September, 1987	Pages: 99	
Note:		
Author(s) JW BUTTON		
Report No. 187-15	(PUBLISHED)	ASPHALT-RUBBER INTERLAYER FIELD PERFORMANCE
Date November, 1987	Pages: 65	
Note:		
Author(s) CK ESTAKHRI		
Report No. 187-16	(PUBLISHED)	MONITORING BARRIER EFFECTS ON PAVEMENT ROUGHNESS
Date July, 1988	Pages: 20	
Note:		
Author(s) DA GAY; RL LYTTON		
Report No. 187-17	(PUBLISHED)	ENGINEERING FABRICS AND ASPHALT OVERLAY PERFORMANCE
Date November, 1989	Pages: 43	NTIS PB91 197954
Note:		
Author(s) JW BUTTON		
Report No. 187-18	(PUBLISHED)	ASPHALT ADDITIVES IN THICK HOT-MIXED ASPHALT CONCRETE PAVEMENTS
Date January, 1991	Pages: 84	
Note:		
Author(s) JW BUTTON; S PRAPNACHARI		

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Study No. 0-188	Status: TERMINATED	Title: FAILURE CRITERIA FOR PRECAST ELEMENTS OF COMPOSITE INVERTED T-BEAMS
Start 09/01/74	End 08/31/76	
Comment:		
Researcher(s) RW FURLONG (CTR)		

Report No. 188-1 (PUBLISHED) BEHAVIOR OF STAGE-CAST INVERTED T-BEAMS WITH THE PRECAST  
Date August, 1976 Pages: 91 FLANGE IN TENSION  
Note:  
Author(s) SA WAHIDI; RW FURLONG

Report No. 188-2F (PUBLISHED) STRENGTH AND BEHAVIOR OF STAGE-CAST INVERTED T-BEAMS  
Date August, 1978 Pages: 93 NTIS PB80-199201  
Note:  
Author(s) RW FURLONG

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Study No. 0-189 Status: TERMINATED Title: DEVELOPMENT OF EFFECTIVE HIGHWAY SAFETY APPURTENANCES  
Start 09/01/74 End 08/31/76  
Comment:  
Researcher(s) TJ HIRSCH (TTI)

Report No. 189-1F (PUBLISHED) IMPROVED END TREATMENT FOR METAL BEAM GUARDRAIL  
Date May, 1977 Pages: 94 NTIS PB292075  
Note:  
Author(s) CE BUTH; TJ HIRSCH

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Study No. 0-190 Status: TERMINATED Title: TRANSPORTATION, PEOPLE AND PLANNING: AN INTERDISCIPLINARY  
Start 09/01/74 End 08/31/76 STUDY  
Comment:  
Researcher(s) D BURKE (TTI)

Report No. 190-1 (PUBLISHED) SOCIAL IMPACTS: EVALUATION OF HIGHWAY PROJECT DEVELOPMENT  
Date April, 1976 Pages: 264 NTIS PB255684 IN URBAN RESIDENTIAL AREAS  
Note:  
Author(s) PK GUSEMAN; JM HALL et al

Report No. 190-2 (PUBLISHED) IDENTIFICATION OF MINORITY COMMUNITY LEADERSHIP FOR  
Date January, 1977 Pages: 144 INVOLVEMENT IN TRANSPORTATION PROJECT PLANNING  
Note:  
Author(s) PK GUSEMAN; JM HALL

Report No. 190-3F (PUBLISHED) A METHODOLOGY FOR EVALUATING THE PUBLIC INVOLVEMENT PROCESS  
Date November, 1976 Pages: 186 USED IN PROJECT PLANNING  
Note:  
Author(s) ME WEISS; TK FULLER

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Study No. 0-191 Status: TERMINATED Title: ALTERNATIVE HIGHWAY EXPENDITURE STRATEGIES UNDER CHANGING  
Start 09/01/74 End 08/31/76 REVENUE CONDITIONS  
Comment:  
Researcher(s) WF MCFARLAND (TTI)

Report No. 191-1 (PUBLISHED) ANALYSIS OF THE NATIONAL ENERGY PLAN: THE EFFECTS ON  
Date May, 1977 Pages: 42 TRANSPORTATION  
Note:  
Author(s) D BURKE; WF MCFARLAND

Report No. 191-2F (PUBLISHED) STATE REVENUE SCENARIOS FOR DIFFERENT ECONOMIC CONDITIONS  
Date October, 1975 Pages: 71 AND TAXATION POLICIES  
Note:  
Author(s) WF MCFARLAND; EK SMITH et al

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Study No. 0-192            Status: ACTIVE            Title: IMPLEMENTATION OF RESEARCH PROGRAM - REGION 3  
Start 09/01/76 End / /  
Comment: CONTINUING PROJECT  
Researcher(s) K ALKIER (D-10)

Report No. 192-1                            (PUBLISHED)            TECHNOLOGY TRANSFER AND IMPLEMENTATION  
Date August, 1977    Pages: 19  
Note:  
Author(s) TR KENNEDY

Report No. 192-3                            (PUBLISHED)            AN ANALYSIS OF VARIOUS WORK-TIME SCHEDULING METHODS  
Date September, 1977    Pages: 42  
Note:  
Author(s) RL TYLER

Report No. 192-4                            (PUBLISHED)            AN ANALYSIS OF SAFETY BENEFITS EXPECTED THROUGH DRAINAGE  
Date August, 1979    Pages: 32            STRUCTURE DESIGN MODIFICATION  
Note:  
Author(s) JF NIXON; D HUSTACE

Report No. 192-5                            (PUBLISHED)            YELLOW THIN-WALL TUBING SIGN SUPPORT - FIELD PERFORMANCE  
Date September, 1980    Pages: 13            AND RECOMMENDATIONS  
Note:  
Author(s) D HUSTACE; JF NIXON

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Study No. 0-193            Status: TERMINATED            Title: CAMBER IN PRESTRESSED CONCRETE BEAMS  
Start 09/01/74 End 08/31/76  
Comment:  
Researcher(s) HL FURR (TTI)

Report No. 193-1F                            (PUBLISHED)            DIFFERENTIAL CAMBER IN PRESTRESSED CONCRETE BEAMS  
Date September, 1977    Pages: 227    NTIS P8294213  
Note:  
Author(s) HL JONES; HL FURR

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Study No. 0-194            Status: TERMINATED            Title: AUTOMATED DESIGN OF MULTI-BEAM PRESTRESSED CONCRETE BOX  
Start 09/01/74 End 08/31/75            GIRDER BRIDGES  
Comment:  
Researcher(s) HL JONES (TTI)

Report No. 194-1F                            (PUBLISHED)            AUTOMATED DESIGN OF PRESTRESSED CONCRETE BOX GIRDERS  
Date September, 1975    Pages: 380  
Note:  
Author(s) HL JONES

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Study No. 0-195            Status: TERMINATED            Title: FIELD EVALUATION OF A DYNAMIC PEAK-FORCE READ-OUT APPARATUS  
Start 09/01/74 End 08/31/75            FOR USE IN ANALYSIS OF PILING BEHAVIOR  
Comment:  
Researcher(s) HM COYLE (TTI)

Report No. 195-1F                            (PUBLISHED)            THE MEASUREMENT OF PILE DRIVING FORCES AND ITS APPLICATION  
Date September, 1975    Pages: 135            TO WAVE EQUATION ANALYSIS OF PILES  
Note:  
Author(s) FX KAISER JR; HM COYLE et al

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Study No. 0-196          Status: TERMINATED          Title: OPTIMUM REINFORCEMENT FOR NOTCHED ENDS OF PRESTRESSED  
Start 09/01/75   End 08/31/76          CONCRETE GIRDERS  
Comment:  
Researcher(s) RW FURLONG (CTR)

Report No. 196-1F          (PUBLISHED)          DESIGN OF REINFORCEMENT FOR NOTCHED ENDS OF PRESTRESSED  
Date August, 1977          Pages: 136          NTIS PB83204610          CONCRETE GIRDERS  
Note:  
Author(s) G MENON; RW FURLONG

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Study No. 0-197          Status: TERMINATED          Title: COMPOSITION OF SMALL MAMMAL POPULATIONS ON HIGHWAY  
Start 09/01/75   End 08/31/77          RIGHTS-OF-WAYS  
Comment:  
Researcher(s) D SCHMIDLY (TTI)

Report No. 197-1F          (PUBLISHED)          COMPOSITION OF SMALL MAMMAL POPULATIONS ON RIGHTS-OF-WAY  
Date May, 1977          Pages: 108          IN EAST TEXAS  
Note:  
Author(s) DJ SCHMIDLY; KT WILKINS

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Study No. 0-198          Status: TERMINATED          Title: CRACK CONTROL ON THE SIDE FACES OF DEEP CONCRETE BEAMS  
Start 09/01/75   End 08/31/78  
Comment:  
Researcher(s) JO JIRSA (CTR)

Report No. 198-1F          (PUBLISHED)          CONTROL OF CRACKING ON THE SIDE FACES OF LARGE REINFORCED  
Date September, 1978          Pages: 242          NTIS PB80-101389          CONCRETE BEAMS  
Note:  
Author(s) GC FRANZ; JE BREEN

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Study No. 0-199          Status: TERMINATED          Title: MAINTENANCE RATING TECHNIQUES  
Start 09/01/74   End 08/31/75  
Comment:  
Researcher(s) HL JONES (TTI)

Report No. 199-1F          (PUBLISHED)          IMPLEMENTING MAINTENANCE RATING TECHNIQUES  
Date September, 1976          Pages: 50  
Note:  
Author(s) JA EPPS; IE LARRIMORE et al

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Study No. 0-200          Status: TERMINATED          Title: VEHICULAR INCIDENT DETECTION AND MOTORIST INFORMATION  
Start 09/01/74   End 08/31/75          SYSTEMS  
Comment:  
Researcher(s) CJ MESSER (TTI)

Report No. 200-1F          (PUBLISHED)          EVALUATION OF A CHANGEABLE MESSAGE SIGN SYSTEM ON THE  
Date August, 1975          Pages: 100          NTIS PB84154228          INBOUND GULF FREEWAY  
Note:  
Author(s) WR STOCKTON; CL DUDEK et al

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Study No. 0-201          Status: TERMINATED          Title: STRUCTURAL EVALUATION OF EXISTING BRIDGES FOR LOAD RATING  
Start 09/01/76   End 08/31/79          AND CARRYING CAPACITY  
Comment:  
Researcher(s) CP JOHNSON (CTR)

Report No. 201-1F (PUBLISHED) STRUCTURAL EVALUATION OF BRIDGES FOR OVERLOAD CONDITIONS  
Date August, 1983 Pages: 290 NTIS PB84-154228  
Note:  
Author(s) RE CORNWELL; RW STOLLEIS et al

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Study No. 0-202 Status: TERMINATED Title: DESIGN AND EVALUATION OF FREEWAY SURVEILLANCE AND TRAFFIC CONTROL SYSTEMS  
Start 09/01/74 End 08/31/75  
Comment:  
Researcher(s) WR MCCASLAND (TTI)

Report No. 202-1 (PUBLISHED) EVALUATION OF THE HIGH LOAD DETECTION AND WARNING SYSTEM ON IH-45 IN HOUSTON  
Date March, 1976 Pages: 56 NTIS PB254755  
Note:  
Author(s) GP RITCH

Report No. 202-2 (PUBLISHED) BENEFIT-COST ANALYSIS: UPDATED UNIT COSTS AND PROCEDURES  
Date May, 1976 Pages: 73 NTIS PB255743  
Note:  
Author(s) JL BUFFINGTON; WF MCFARLAND

Report No. 202-3F (PUBLISHED) DESIGN AND EVALUATION OF FREEWAY SURVEILLANCE AND TRAFFIC CONTROL SYSTEMS  
Date May, 1976 Pages: 62  
Note:  
Author(s) WR MCCASLAND

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Study No. 0-203 Status: TERMINATED Title: EFFECTS OF DESIGN ON OPERATIONAL PERFORMANCE OF SIGNAL SYSTEMS  
Start 09/01/74 End 08/31/75  
Comment:  
Researcher(s) CJ MESSER (TTI)

Report No. 203-1 (PUBLISHED) A GUIDE FOR DESIGNING AND OPERATING SIGNALIZED INTERSECTIONS IN TEXAS  
Date August, 1975 Pages: 53  
Note:  
Author(s) CJ MESSER; DB FAMBRO

Report No. 203-2F (PUBLISHED) A STUDY OF THE EFFECTS OF DESIGN AND OPERATIONAL PERFORMANCE OF SIGNAL SYSTEMS  
Date August, 1975 Pages: 102  
Note:  
Author(s) CJ MESSER; DB FAMBRO et al

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Study No. 0-204 Status: TERMINATED Title: ENERGY SAVING METHODS OF RESTORING PAVEMENT SURFACE CHARACTERISTICS  
Start 09/01/74 End 08/31/76  
Comment:  
Researcher(s) JP UNDERWOOD (D-10)

Report No. 204-1F (PUBLISHED) ENERGY SAVING METHODS OF RESTORING PAVEMENT SURFACE CHARACTERISTICS  
Date June, 1977 Pages: 35 NTIS PB281901  
Note:  
Author(s) JP UNDERWOOD

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Study No. 0-205 Status: TERMINATED Title: PRIORITY USE OF FREEWAY FACILITIES  
Start 05/20/74 End 08/31/83  
Comment:  
Researcher(s) DL CHRISTIANSEN (TTI)

Report No. 205-1	(PUBLISHED)	EVALUATION OF ALTERNATIVE CONCEPTS FOR PRIORITY USE OF URBAN FREEWAYS IN TEXAS
Date March, 1977	Pages: 47	
Note:		
Author(s) T URBANIK; RW HOLDER		
Report No. 205-2	(PUBLISHED)	PARK & RIDE FACILITIES: PRELIMINARY PLANNING GUIDELINES
Date August, 1975	Pages: 56	
Note:		
Author(s) DL CHRISTIANSEN; DS GRADY et al		
Report No. 205-3	(PUBLISHED)	DESIGN GUIDELINES FOR PARK-AND-RIDE FACILITIES
Date September, 1978	Pages: 40	NTIS PB294783
Note:		
Author(s) DL CHRISTIANSEN; D RATHBONE		
Report No. 205-4	(PUBLISHED)	OPERATIONAL EXPERIENCE WITH CONCURRENT FLOW RESERVED LANES
Date July, 1977	Pages: 69	
Note:		
Author(s) CA FUHS; AV FITZGERALD et al		
Report No. 205-5	(PUBLISHED)	EVALUATION OF PRIORITY TECHNIQUES FOR HIGH OCCUPANCY VEHICLES ON ARTERIAL STREETS
Date July, 1977	Pages: 38	
Note:		
Author(s) T URBANIK; RW HOLDER et al		
Report No. 205-6	(PUBLISHED)	TRUCK UTILIZATION OF THE I-45N CONTRAFLOW LANE IN HOUSTON, TEXAS
Date May, 1979	Pages: 95	NTIS PB80-205271
Note:		
Author(s) RW HOLDER; CA FUHS et al		
Report No. 205-7	(PUBLISHED)	DEVELOPMENT OF PRELIMINARY CONGESTION INDICES FOR URBAN FREEWAYS IN TEXAS
Date June, 1979	Pages: 36	NTIS PB80-203748
Note:		
Author(s) RW HOLDER; CA FUHS et al		
Report No. 205-8	(PUBLISHED)	PRELIMINARY EVALUATION OF APPLICABLE PRIORITY TREATMENT TECHNIQUES ON EXISTING URBAN FREEWAYS IN TEXAS
Date June, 1979	Pages: 121	NTIS PB80-220452
Note:		
Author(s) RW HOLDER; CA FUHS et al		
Report No. 205-9	(PUBLISHED)	EVALUATION OF THE FIRST YEAR OF OPERATION, I-45 CONTRAFLOW LANE, HOUSTON
Date January, 1981	Pages: 107	NTIS PB81-185878
Note:		
Author(s) WR MCCASLAND		
Report No. 205-10	(PUBLISHED)	PRIORITY TREATMENT FOR HIGH-OCCUPANCY VEHICLES ON THE KATY FREEWAY, HOUSTON - A FEASIBILITY STUDY
Date January, 1980	Pages: 83	NTIS PB80-224371
Note:		
Author(s) DL CHRISTIANSEN; TJ LOMAX		
Report No. 205-11	(PUBLISHED)	FACTORS INFLUENCING THE UTILIZATION OF PARK-AND-RIDE - DALLAS/GARLAND SURVEY RESULTS
Date July, 1980	Pages: 62	NTIS PB81-206245
Note:		
Author(s) DL CHRISTIANSEN; DL BULLARD et al		

Report No. 205-12	(PUBLISHED)	PRIORITY TREATMENT FOR HIGH-OCCUPANCY VEHICLES ON THE NORTH PANAM FREEWAY, SAN ANTONIO
Date July, 1980	Pages: 88 NTIS P881-185928	
Note:		
Author(s) DL CHRISTIANSEN; TJ LOMAX		
Report No. 205-13	(PUBLISHED)	PARK-AND-POOL FACILITIES: SURVEY RESULTS AND PLANNING DATA
Date February, 1981	Pages: 54 NTIS P881-231383	
Note:		
Author(s) DL BULLARD; DL CHRISTIANSEN		
Report No. 205-14	(PUBLISHED)	PRIORITY TREATMENT FOR HIGH-OCCUPANCY VEHICLES ON INTERSTATE 10, EL PASO
Date April, 1982	Pages: 96	
Note:		
Author(s) WR STOCKTON; TJ LOMAX		
Report No. 205-15	(PUBLISHED)	HOUSTON PARK-AND-RIDE FACILITIES - AN ANALYSIS OF SURVEY DATA
Date October, 1981	Pages: 74	
Note:		
Author(s) DL CHRISTIANSEN; DL BULLARD et al		
Report No. 205-16	(PUBLISHED)	THE I-45N CONTRAFLOW LANE - HOUSTON, TEXAS - AN ASSESSMENT OF THE OPERATIONAL LIFE
Date January, 1982	Pages: 95	
Note:		
Author(s) DL CHRISTIANSEN; RW STOKES et al		
Report No. 205-17	(PUBLISHED)	TECHNIQUES FOR ESTIMATING VANPOOLING DEMAND
Date August, 1982	Pages: 31	
Note:		
Author(s) DL CHRISTIANSEN; DA MAXWELL		
Report No. 205-18	(PUBLISHED)	PARK-AND-POOL LOTS - DALLAS/FT.WORTH AREA - AN ANALYSIS OF SURVEY DATA
Date May, 1982	Pages: 176	
Note:		
Author(s) RL PETERSON		
Report No. 205-19	(PUBLISHED)	FORT WORTH PARK-AND-GO FACILITIES - AN EVALUATION OF SURVEY DATA
Date August, 1982	Pages: 74	
Note:		
Author(s) CJ PORTERFIELD; DL CHRISTIANSEN et al		
Report No. 205-20	(PUBLISHED)	EFFECTIVENESS OF PRIORITY ENTRY RAMPS IN TEXAS
Date June, 1983	Pages: 41 NTIS P885174621AS	
Note:		
Author(s) JM MOUNCE		
Report No. 205-21	(PUBLISHED)	PARK-AND-POOL LOTS IN THE FORT WORTH AREA - AN ANALYSIS OF SURVEY DATA
Date August, 1983	Pages: 139 NTIS P885175081/AS	
Note:		
Author(s) RL PETERSON; CJ PORTERFIELD et al		
Report No. 205-22F	(PUBLISHED)	GUIDELINES FOR PLANNING, DESIGNING AND OPERATING PARK-AND-RIDE LOTS IN TEXAS
Date October, 1983	Pages: 182 NTIS P885174324AS	
Note:		
Author(s) DL BULLARD; DL CHRISTIANSEN		



Study No. 0-206            Status: TERMINATED            Title: WHEEL LOAD DISTRIBUTION FOR PRECAST MULTIBEAM BOX GIRDERS  
Start 09/01/75 End 08/31/77  
Comment:  
Researcher(s) JJ PANAK (D-5)

Report No. 206-1F                            (PUBLISHED)            SKEWED MULTI-BEAM BRIDGES WITH PRECAST BOX GIRDERS  
Date September, 1977 Pages: 96    NTIS PB294290  
Note:  
Author(s) JJ PANAK

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Study No. 0-207            Status: TERMINATED            Title: FLEXIBLE PAVEMENT EVALUATION AND REHABILITATION  
Start 09/01/74 End 08/31/79  
Comment:  
Researcher(s) RL LYTTON (TTI)

Report No. 207-1                            (PUBLISHED)            DETERMINING STIFFNESS COEFFICIENTS & ELASTIC MODULI OF  
Date November, 1976 Pages: 111            PAVEMENT MATERIALS FROM DYNAMIC DEFLECTIONS  
Note:  
Author(s) CH MICHALAK; DY LU et al

Report No. 207-2                            (PUBLISHED)            MEASUREMENTS OF PAVEMENT PERFORMANCE USING STATISTICAL  
Date March, 1978 Pages: 233    NTIS PB291397            SAMPLING TECHNIQUES  
Note:  
Author(s) JP MAHONEY; RL LYTTON

Report No. 207-3                            (PUBLISHED)            THE TEXAS REHABILITATION AND MAINTENANCE DISTRICT,  
Date November, 1978 Pages: 214    NTIS PB297544            OPTIMIZATION SYSTEM  
Note:  
Author(s) NV AHMED; DY LU et al

Report No. 207-4                            (PUBLISHED)            PROPERTIES OF FROZEN BASE COURSES IN WEST TEXAS  
Date March, 1979 Pages: 84    NTIS PB300983  
Note:  
Author(s) WR CAMPBELL; RL LYTTON

Report No. 207-5                            (PUBLISHED)            METHODOLOGY FOR PREDICTING THE REFLECTION CRACKING LIFE OF  
Date March, 1979 Pages: 137    NTIS PB-101710            ASPHALT CONCRETE OVERLAYS  
Note:  
Author(s) FP GERMANN; RL LYTTON

Report No. 207-6                            (PUBLISHED)            RESIDUAL STRESSES DUE TO TRAVELING LOADS AND REFLECTION  
Date June, 1979 Pages: 88    NTIS PB80-159395            CRACKING  
Note:  
Author(s) WO YANDELL; RL LYTTON

Report No. 207-7F                            (PUBLISHED)            FLEXIBLE PAVEMENT DEFLECTION EQUATION USING ELASTIC MODULI  
Date August, 1979 Pages: 54    NTIS PB80-159247            AND FIELD MEASUREMENTS  
Note:  
Author(s) RL LYTTON; CH MICHALAK

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Study No. 0-208            Status: TERMINATED            Title: DESIGN CRITERIA FOR POST-TENSIONED ANCHORAGE ZONE BURSTING  
Start 09/01/76 End 08/31/80            STRESSES  
Comment:  
Researcher(s) JE BREEN (CTR)

Report No. 208-1 (PUBLISHED) ANALYSIS OF POST-TENSIONED GIRDER ANCHORAGE ZONES  
Date June, 1981 Pages: 176 NTIS PB82-1222268  
Note:  
Author(s) WC STONE; JE BREEN

Report No. 208-2 (PUBLISHED) BEHAVIOR OF POST-TENSIONED GIRDER ANCHORAGE ZONES  
Date April, 1981 Pages: 276 NTIS PB82-124371  
Note:  
Author(s) WC STONE; W PAES-FILHO et al

Report No. 208-3F (PUBLISHED) DESIGN OF POST-TENSIONED GIRDER ANCHORAGE ZONES  
Date June, 1981 Pages: 158 NTIS PB82-123589  
Note:  
Author(s) WC STONE; JE BREEN

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Study No. 0-209 Status: TERMINATED Title: FATIGUE LOADING IN SIGN STRUCTURES  
Start 09/01/76 End 08/31/78  
Comment:  
Researcher(s) KH FRANK (CTR)

Report No. 209-1F (PUBLISHED) FATIGUE LOADING OF CANTILEVER SIGN STRUCTURES FROM TRUCK  
Date April, 1979 Pages: 104 NTIS PB80-220916 WIND GUSTS  
Note:  
Author(s) BH CREAMER; KH FRANK et al

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Study No. 0-210 Status: TERMINATED Title: EVALUATION OF URBAN FREEWAY MODIFICATIONS  
Start 09/01/76 End 09/01/83  
Comment:  
Researcher(s) WR MCCASLAND (TTI)

Report No. 210-1 (PUBLISHED) AUTOMATIC DETECTION OF FREEWAY INCIDENTS DURING LOW-VOLUME  
Date September, 1979 Pages: 71 NTIS PB81-180408 CONDITIONS  
Note:  
Author(s) DB FAMBRU; GP RITCH

Report No. 210-2 (PUBLISHED) THE USE OF FREEWAY SHOULDERS TO INCREASE CAPACITY  
Date September, 1978 Pages: 51 NTIS PB300952  
Note:  
Author(s) WR MCCASLAND

Report No. 210-3 (PUBLISHED) ANALYZING THE FREQ3CP FREEWAY OPERATIONS SIMULATION MODEL  
Date October, 1978 Pages: 106 NTIS PB301117  
Note:  
Author(s) GP RITCH; JL BUFFINGTON

Report No. 210-4 (PUBLISHED) I-45 NORTH FREEWAY CONTRAFLOW LANE EVALUATION  
Date January, 1980 Pages:  
Note: IN 205-9;205-16  
Author(s)

Report No. 210-5 (PUBLISHED) AN ECONOMIC AND ENVIRONMENTAL ANALYSIS PROGRAM USING THE  
Date September, 1981 Pages: 151 RESULTS FOR THE FREQ3CP MODEL  
Note:  
Author(s) JL BUFFINGTON; GP RITCH

Report No. 210-6	(PUBLISHED)	LVID - SOFTWARE DOCUMENTATION
Date March, 1980	Pages: 152	
Note:		
Author(s) GP RITCH		
Report No. 210-7	(NOT PUBLISHED)	FEASIBILITY STUDY FOR THE TOTAL DEMAND MANAGEMENT OF THE INBOUND SOUTHWEST FREEWAY
Date May, 1980	Pages: 80	
Note:		
Author(s) WR MCCASLAND		
Report No. 210-8	(NOT PUBLISHED)	A COMPARISON OF FREFLO AND FREQ3CP OPTIMIZATION MODELS
Date February, 1984	Pages: 70	
Note:		
Author(s) CW BLUMENTRITT; GP RITCH		
Report No. 210-9	(PUBLISHED)	AN APPLICATION OF RF DATA TRANSMISSION IN FREEWAY RAMP METERING
Date September, 1981	Pages: 82	
Note:		
Author(s) GP RITCH		
Report No. 210-10	(PUBLISHED)	THE USE OF FREEWAY SHOULDERS TO INCREASE CAPACITY-A REVIEW
Date January, 1984	Pages: 38	NTIS PB85175099/AS
Note:		
Author(s) WR MCCASLAND		
Report No. 210-11	(PUBLISHED)	EVALUATION OF MINOR FREEWAY MODIFICATIONS
Date August, 1983	Pages: 70	
Note:		
Author(s) JA NORDSTROM; WR STOCKTON		
Report No. 210-12F	(PUBLISHED)	AN ANALYSIS OF URBAN FREEWAY OPERATIONS AND MODIFICATIONS
Date December, 1983	Pages: 74	NTIS PB85184067/AS
Note:		
Author(s) DW BORCHARDT; AJ BALLARD et al		

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Study No. 0-211      Status: TERMINATED      Title: DESIGN OF DRILLED SHAFTS TO SUPPORT PRECAST PANEL RETAINING WALLS  
Start 09/01/76    End 08/31/80  
Comment:  
Researcher(s) HM COYLE (TTI)

Report No. 211-1	(PUBLISHED)	LATERAL LOAD TEST OF A DRILLED SHAFT IN CLAY
Date November, 1977	Pages: 97	NTIS PB284906
Note:		
Author(s) RR KASCH; HM COYLE et al		
Report No. 211-2	(PUBLISHED)	FIELD TEST AND PRELIMINARY DESIGN FOR LATERALLY LOADED DRILLED SHAFTS IN CLAY
Date September, 1978	Pages: 97	NTIS PB292868
Note:		
Author(s)		
Report No. 211-3F	(PUBLISHED)	FIELD TESTS AND NEW DESIGN PROCEDURE FOR LATERALLY LOADED DRILLED SHAFTS IN CLAY
Date January, 1981	Pages: 129	NTIS PB81-213704
Note:		
Author(s) MW BIRSCHWALE; HM COYLE		

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Study No. 0-212            Status: TERMINATED            Title: DESIGN CRITERIA FOR MEDIAN TURN LANES  
Start 09/01/75 End 08/31/77  
Comment:  
Researcher(s) CM WALTON (CTR)

Report No. 212-1F                            (PUBLISHED)            DESIGN CRITERIA FOR MEDIAN TURN LANES  
Date March, 1978            Pages: 218  
Note:  
Author(s) CM WALTON; TW HORNE et al

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Study No. 0-213            Status: TERMINATED            Title: ROUGHNESS AT THE PAVEMENT-BRIDGE INTERFACE  
Start 09/01/75 End 08/31/78  
Comment:  
Researcher(s) CE LEE (CTR)

Report No. 213-1F                            (PUBLISHED)            ROUGHNESS AT THE PAVEMENT-BRIDGE INTERFACE  
Date August, 1979            Pages: 157  
Note:  
Author(s) J HU; TL WU et al

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Study No. 0-214            Status: TERMINATED            Title: ENGINEERING - ECONOMY AND ENERGY CONSIDERATIONS IN DESIGN  
Start 05/20/74 End 08/31/80            CONSTRUCTION AND MATERIALS  
Comment:  
Researcher(s) JA EPPS (TTI)

Report No. 214-1                            (PUBLISHED)            ECONOMIC CONDITIONS AFFECTING INFLATION, SHORTAGES OF  
Date November, 1974            Pages: 62            MATERIALS, AND HIGHWAY CONSTRUCTION COSTS  
Note:  
Author(s) CW PAUL; WF MCFARLAND

Report No. 214-2                            (PUBLISHED)            COST SAVING SUGGESTIONS  
Date December, 1974            Pages: 20  
Note:  
Author(s) LG WALKER

Report No. 214-4                            (PUBLISHED)            SPRINKLE TREATMENT - HOW, WHY AND WHERE  
Date December, 1975            Pages: 33  
Note:  
Author(s) CH HUGHES; JA EPPS

Report No. 214-5                            (PUBLISHED)            INCIDENTAL COSTS DURING CONSTRUCTION  
Date December, 1975            Pages: 15  
Note:  
Author(s) JT LAMKIN; WF MCFARLAND

Report No. 214-6                            (PUBLISHED)            STABILIZATION GUIDELINES  
Date December, 1975            Pages: 38  
Note:  
Author(s) AW SMITH; JA EPPS

Report No. 214-7                            (PUBLISHED)            SKID RESISTANT SURFACES  
Date December, 1975            Pages: 23  
Note:  
Author(s) MM DAVIS; JA EPPS

Report No. 214-8 Date December, 1975 Note: Author(s) WB LEDBETTER; WF MCFARLAND	(PUBLISHED)	HELPFUL HINTS IN HIGHWAY COST ESTIMATING
Report No. 214-9 Date December, 1975 Note: Author(s) JL BROWN	(PUBLISHED)	ALTERNATIVE BIDDING FOR PAVEMENT STRUCTURES AND PAVEMENT COMPONENTS
Report No. 214-10 Date December, 1975 Note: Author(s) WR STOCKTON	(PUBLISHED)	SEAL COAT ECONOMICS AND DESIGN
Report No. 214-11 Date December, 1975 Note: Author(s) RA SMITH; JA EPPS	(PUBLISHED)	ENVIRONMENTAL CONDITIONS FOR PLACING ASPHALTIC CONCRETE PAVEMENTS
Report No. 214-12 Date December, 1975 Note: Author(s) JA EPPS; RJ O'NEAL	(PUBLISHED)	RECYCLING PAVEMENT MATERIALS
Report No. 214-13 Date December, 1976 Note: Author(s) NE WALTON	(PUBLISHED)	WARRANTS AND PRIORITIES IN ROADWAY LIGHTING
Report No. 214-14 Date November, 1979 Note: Author(s) JA EPPS; JP MAHONEY et al	(PUBLISHED)	PERFORMANCE OF SURFACE COURSES CONSTRUCTED WITH LIMESTONE ROCK ASPHALT MATERIALS
Report No. 214-15 Date May, 1980 Note: Author(s) JA EPPS; CW SMOOT	(PUBLISHED)	ASPHALT CONCRETE PRICE ESCALATION
Report No. 214-16 Date July, 1980 Note: Author(s) FN FINN; JA EPPS	(PUBLISHED)	GUIDELINES FOR FLEXIBLE PAVEMENT FAILURE INVESTIGATIONS
Report No. 214-17 Date August, 1980 Note: Author(s) FN FINN; JA EPPS	(PUBLISHED)	PAVEMENT FAILURE ANALYSIS WITH GUIDELINES FOR REHABILITATION OF FLEXIBLE PAVEMENTS
Report No. 214-18 Date August, 1980 Note: Author(s) JA EPPS; FN FINN	(PUBLISHED)	COSTS ASSOCIATED WITH PAVEMENT CONSTRUCTION, REHABILITATION AND MAINTENANCE

Report No. 214-19 Date August, 1980 Note: Author(s) JA EPPS; FN FINN	(PUBLISHED) Pages: 32	ENERGY REQUIREMENTS ASSOCIATED WITH PAVEMENT CONSTRUCTION, REHABILITATION AND MAINTENANCE
Report No. 214-20 Date July, 1980 Note: Author(s) JA EPPS; FN FINN	(PUBLISHED) Pages: 57	PAVEMENT FAILURE ANALYSIS EXAMPLE PROBLEMS
Report No. 214-21 Date August, 1980 Note: Author(s) FN FINN; JA EPPS	(PUBLISHED) Pages: 51	COMPACTION OF HOT MIX ASPHALT CONCRETE
Report No. 214-22 Date August, 1980 Note: Author(s) JA EPPS; RJ HOLMGREEN	(PUBLISHED) Pages: 21	DESIGN OF RECYCLED ASPHALT CONCRETE MIXTURES
Report No. 214-23 Date August, 1980 Note: Author(s) JA EPPS; CW CHAFFIN et al	(PUBLISHED) Pages: 35	FIELD EVALUATION OF A SEAL COAT DESIGN METHOD
Report No. 214-24 Date July, 1981 Note: Author(s) TC FERRARA; JP MAHONEY et al	(PUBLISHED) Pages: 64	SKID RESISTANCE OF DIFFERENT GRAVEL SURFACES IN DISTRICT 25
Report No. 214-25 Date July, 1981 Note: Author(s) JA EPPS; BM GALLAWAY et al	(PUBLISHED) Pages: 84	FIELD MANUAL ON DESIGN AND CONSTRUCTION OF SEAL COATS
Report No. 214-26 Date June, 1981 Note: Author(s) BM GALLAWAY; JA EPPS	(PUBLISHED) Pages: 71	DESIGN AND CONSTRUCTION OF LIGHTWEIGHT ASPHALT CONCRETE
Report No. 214-27 Date June, 1981 Note: Author(s) FN FINN; JA EPPS	(PUBLISHED) Pages: 72	SELECTION OF ASPHALT GRADE TO OPTIMIZE PERFORMANCE OF ASPHALT SURFACED PAVEMENTS
Report No. 214-28 Date June, 1981 Note: Author(s) FN FINN; JA EPPS	(PUBLISHED) Pages: 26	CORRECTION OF BLEEDING (FLUSHING) SURFACES
Report No. 214-29 Date July, 1981 Note: Author(s) RM OLSDN; JA EPPS	(PUBLISHED) Pages: 26	CONSTRUCTION COST TRENDS

Report No. 214-30 (PUBLISHED) SUBSTITUTION OF EMULSIONS FOR CUTBACKS  
 Date August, 1974 Pages: 13  
 Note: FORMERLY TECH NOTE 1  
 Author(s) CW CHAFFIN

Report No. 214-31 (PUBLISHED) ANALYSIS OF COST ESTIMATING ACCURACY  
 Date January, 1974 Pages: 166  
 Note: FORMERLY TECH NOTE 2  
 Author(s)

Report No. 214-32 (PUBLISHED) SUGGESTED GUIDES FOR USE OF LIGHTWEIGHT AGGREGATES IN  
 Date May, 1980 Pages: 77 PLANT MIXED ASPHALT PAVING MATERIALS  
 Note:  
 Author(s) BM GALLAWAY

Report No. 214-TN 1 (PUBLISHED) SUBSTITUTION OF EMULSIONS FOR CUTBACKS  
 Date August, 1974 Pages: 13  
 Note:  
 Author(s) CW CHAFFIN

Report No. 214-TN 2 (PUBLISHED) ANALYSIS OF COST ESTIMATING ACCURACY  
 Date January, 1974 Pages: 166  
 Note:  
 Author(s) WB LEOBETTER

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Study No. 0-215 Status: TERMINATED Title: SYSTEMS PLANNING IN TEXAS TRANSPORTATION  
 Start 09/01/74 End 08/31/75  
 Comment:  
 Researcher(s) D BURKE (TTI)

Report No. 215-1F (PUBLISHED) A STUDY OF ALTERNATIVE ORGANIZATIONAL PLANNING STRUCTURES  
 Date August, 1976 Pages: 137 FOR THE SYSTEM PLANNING PROCESS  
 Note:  
 Author(s) ME WEISS; S RICHARDSON

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Study No. 0-216 Status: TERMINATED Title: COMPARISON OF LABORATORY AND FIELD POLISH RATES FOR  
 Start 09/01/74 End 08/31/76 COARSE AGGREGATE  
 Comment:  
 Researcher(s) WE ELMORE (D-9)

Report No. 216-1F (PUBLISHED) COMPARING LABORATORY AND FIELD POLISH RATES OF COARSE  
 Date July, 1977 Pages: 34 NTIS PB281902 AGGREGATES FOR SKID RESISTANCE PURPOSES  
 Note:  
 Author(s) WE ELMORE; KD HANKINS

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Study No. 0-217 Status: TERMINATED Title: SOCIAL, ENVIRONMENTAL AND ATTITUDINAL FACTORS ASSOCIATED  
 Start 09/01/74 End 08/31/75 WITH HIGHWAY PLANNING, RELOCATION ASSISTANCE AND PUBLIC  
 Comment: INVOLVEMENT  
 Researcher(s) NW LEDE (TSU)

Report No. 217-1F Vol. 1 (PUBLISHED) SOCIAL, ENVIRONMENTAL AND ATTITUDINAL FACTORS ASSOCIATED  
 Date August, 1975 Pages: 151 WITH HIGHWAY PLANNING, RELOCATION ASSISTANCE, AND PUBLIC  
 Note: INVOLVEMENT  
 Author(s) NW LEDE

Report No. 217-1F Vol. 2 (PUBLISHED) PUBLIC INVOLVEMENT: A GUIDE TO ACTION  
Date August, 1975 Pages: 45  
Note:  
Author(s) NW LEDE

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Study No. 0-218 Status: TERMINATED Title: ANALYTICAL AND EXPERIMENTAL ASSESSMENT OF HIGHWAY IMPACT ON  
Start 09/01/74 End 08/31/79 AIR QUALITY  
Comment:  
Researcher(s) JA BULLIN (TTI)

Report No. 218-1 (PUBLISHED) ANALYTICAL AND EXPERIMENTAL ASSESSMENT OF HIGHWAY IMPACT  
Date August, 1976 Pages: 108 NTIS PB264590 ON AIR QUALITY  
Note:  
Author(s) JA BULLIN; JC POLASEK

Report No. 218-2 (PUBLISHED) TRAPS II USER'S GUIDE - ANALYTICAL AN EXPERIMENTAL  
Date March, 1978 Pages: 32 NTIS PB288886 ASSESSMENT OF HIGHWAY IMPACT ON AIR QUALITY  
Note:  
Author(s) JA BULLIN; JC POLASEK

Report No. 218-3 (PUBLISHED) TRAPS S2 USER'S GUIDE - ANALYTICAL AND EXPERIMENTAL  
Date March, 1978 Pages: 23 ASSESSMENT OF HIGHWAY IMPACT ON AIR QUALITY  
Note:  
Author(s) JA BULLIN; JC POLASEK

Report No. 218-4 (PUBLISHED) ANALYTICAL AND EXPERIMENTAL ASSESSMENT OF HIGHWAY IMPACT ON  
Date October, 1978 Pages: 184 AIR QUALITY  
Note:  
Author(s) JA BULLIN; JC POLASEK et al

Report No. 218-5F (PUBLISHED) ANALYTICAL AND EXPERIMENTAL ASSESSMENT OF HIGHWAY IMPACT ON  
Date January, 1980 Pages: 194 NTIS PB81-114738 AIR QUALITY DATA ANALYSIS AND MODEL EVALUATION  
Note:  
Author(s) JA BULLIN; JC POLASEK et al

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Study No. 0-219 Status: TERMINATED Title: EVALUATION OF BRIDGE SLAB STRENGTHENING SYSTEM  
Start 09/01/74 End 08/31/76  
Comment:  
Researcher(s) HD BUTLER (D-5)

Report No. 219-1F (PUBLISHED) EVALUATION OF BRIDGE SLAB STRENGTHENING SYSTEM  
Date August, 1976 Pages: 73 NTIS PB259945  
Note:  
Author(s) HD BUTLER; HL FURR et al

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Study No. 0-220 Status: TERMINATED Title: EVALUATING URBAN FREEWAY GUIDE SIGNING  
Start 09/01/76 End 09/01/81  
Comment:  
Researcher(s) CJ MESSER (TTI)

Report No. 220-1 (PUBLISHED) OBJECTIVES AND STATE-OF-THE-ART OF URBAN FREEWAY GUIDE  
Date April, 1979 Pages: 60 SIGNING SYSTEMS  
Note:  
Author(s) RW MCNEES; CJ MESSER



Report No. 220-2 (PUBLISHED) OPERATIONAL STUDIES OF URBAN FREEWAY GUIDE SIGNING SYSTEMS  
 Date April, 1980 Pages: 60  
 Note:  
 Author(s) CJ MESSER; RW MCNEES

Report No. 220-3 (PUBLISHED) EVALUATING URBAN FREEWAY GUIDE SIGNING--LABORATORY STUDIES  
 Date February, 1981 Pages: 158  
 Note:  
 Author(s) RW MCNEES; CJ MESSER

Report No. 220-4F (PUBLISHED) EVALUATING URBAN FREEWAY GUIDE SIGNING--EXECUTIVE SUMMARY  
 Date September, 1981 Pages: 71  
 Note:  
 Author(s) CJ MESSER; RW MCNEES

Study No. 0-221 Status: TERMINATED Title: THE WET WEATHER SAFETY INDEX  
 Start 09/01/76 End 08/31/77  
 Comment:  
 Researcher(s) DL IVEY (TTI)

Report No. 221-1F (PUBLISHED) DEVELOPMENT OF A WET WEATHER SAFETY INDEX  
 Date November, 1977 Pages: 129 NTIS PB295713  
 Note:  
 Author(s) DL IVEY; LI GRIFFIN et al

Study No. 0-222 Status: TERMINATED Title: EVALUATION OF OVERHEAD SIGN BACKGROUND MATERIAL AND MERCURY  
 Start 02/12/75 End 08/31/83  
 Comment:  
 Researcher(s) HD JONES (DS-12)

Report No. 222-1 (PUBLISHED) EVALUATION OF OVERHEAD SIGN BACKGROUND MATERIALS AND  
 Date February, 1979 Pages: 55  
 Note:  
 Author(s) HD JONES; JG RASKA

Report No. 222-2F (PUBLISHED) EVALUATION OF OVERHEAD SIGN BACKGROUND MATERIALS AND  
 Date August, 1983 Pages: 145  
 Note:  
 Author(s) HD JONES; JG RASKA et al

Study No. 0-223 Status: TERMINATED Title: CRASH TEST AND EVALUATION OF PRECAST CONCRETE BARRIER AND  
 Start 09/01/74 End 08/31/75  
 Comment:  
 Researcher(s) TJ HIRSCH (TTI)

Report No. 223-1 (PUBLISHED) CRASH TEST AND EVALUATION OF A PRECAST CONCRETE MEDIAN  
 Date October, 1975 Pages: 40 NTIS PB241204  
 Note:  
 Author(s) TJ HIRSCH; EL MARQUIS

Report No. 223-2F (PUBLISHED) SUMMARY OF CRASH CUSHION EXPERIENCE IN TEXAS--FOUR HUNDRED  
 Date November, 1975 Pages: 50  
 Note:  
 Author(s) TJ HIRSCH; JF NIXON et al

Study No. 0-224            Status: TERMINATED            Title: DETRIMENTAL VOLUME CHANGES OF EXPANSIVE CLAYS IN HIGHWAY  
Start 09/01/75 End 08/31/77            SUBGRADES  
Comment:  
Researcher(s) ML STEINBERG (DS-15)

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Study No. 0-225            Status: TERMINATED            Title: ECONOMICS OF HIGHWAY DESIGN ALTERNATIVES  
Start 09/01/76 End 09/01/83  
Comment:  
Researcher(s) JL BUFFINGTON (TTI)

Report No. 225-1                            (PUBLISHED)            SAFETY TREATMENT OF ROADSIDE CULVERTS ON LOW VOLUME ROADS  
Date March, 1978            Pages: 111    NTIS PB284379  
Note:  
Author(s) TL KOHUTEK; HE ROSS

Report No. 225-2                            (PUBLISHED)            NON-USER IMPACTS OF DIFFERENT HIGHWAY DESIGN AS MEASURED  
Date March, 1978            Pages: 155    NTIS PB288875            BY LAND USE AND LAND VALUE CHANGES  
Note:  
Author(s) JL BUFFINGTON; CW HERNDON et al

Report No. 225-3                            (PUBLISHED)            LAND USE IMPACT OF WIDENING STATE HIGHWAY IN AN UNDEVELOPED  
Date March, 1978            Pages: 43            AREA IN COLLEGE STATION, TEXAS  
Note:  
Author(s) PJ COSBY; JL BUFFINGTON

Report No. 225-4                            (PUBLISHED)            LAND USE IMPACT OF WIDENING TEXAS AVENUE SOUTH IN A  
Date July, 1978            Pages: 41            DEVELOPING AREA IN COLLEGE STATION, TEXAS  
Note:  
Author(s) PJ COSBY; JL BUFFINGTON

Report No. 225-5                            (PUBLISHED)            LAND USE IMPACT OF WIDENING EAST 29TH STREET IN A DEVELOPED  
Date October, 1978            Pages: 44            RESIDENTIAL AREA IN BRYAN, TEXAS  
Note:  
Author(s) PJ COSBY; JL BUFFINGTON

Report No. 225-6                            (PUBLISHED)            LAND USE IMPACT OF WIDENING NORTH TEXAS AVENUE IN A  
Date November, 1978            Pages: 42            DEVELOPING AREA OF BRYAN, TEXAS  
Note:  
Author(s) PJ COSBY; KN WOMACK et al

Report No. 225-7                            (PUBLISHED)            LAND USE IMPACT OF WIDENING WEST 43RD AVENUE IN A DEVELOPED  
Date February, 1979            Pages: 42            RESIDENTIAL AREA IN HOUSTON, TEXAS  
Note:  
Author(s) CW HERNDON; JL BUFFINGTON

Report No. 225-8                            (PUBLISHED)            TEXAS HIGHWAY ECONOMIC EVALUATION MODEL: A CRITICAL REVIEW  
Date January, 1979            Pages: 71            OF ASSUMPTIONS AND UNIT COSTS AND RECOMMENDED UPDATING  
Note:    PROCEDURES  
Author(s) JL BUFFINGTON; WF MCFARLAND et al

Report No. 225-9                            (PUBLISHED)            LAND USE IMPACT OF IMPROVING GESSNER IN A DEVELOPING AREA  
Date March, 1979            Pages: 41            IN HOUSTON, TEXAS  
Note:  
Author(s) PJ COSBY; CW HERNDON et al

Report No. 225-10	(PUBLISHED)	LAND USE IMPACT OF IMPROVING ANTOINE DRIVE IN A DEVELOPED RESIDENTIAL AREA IN HOUSTON, TEXAS
Date March, 1979	Pages: 61	
Note:		
Author(s) CW HERNDON; JL BUFFINGTON		
Report No. 225-11	(PUBLISHED)	LAND USE IMPACT OF IMPROVING SECTION ONE OF FARM-TO-MARKET ROAD 157 IN AN UNDEVELOPED AREA IN ARLINGTON, TEXAS
Date July, 1979	Pages: 41	NTIS PB80-194285
Note:		
Author(s) PJ COSBY; JL BUFFINGTON		
Report No. 225-12	(PUBLISHED)	LAND USE IMPACT OF IMPROVING SECTION ONE OF WESTHEIMER ROAD IN A DEVELOPING AREA IN HOUSTON, TEXAS
Date June, 1979	Pages: 67	
Note:		
Author(s) CW HERNDON; JL BUFFINGTON		
Report No. 225-13	(PUBLISHED)	LAND USE IMPACT OF IMPROVING COLLINS STREET IN A DEVELOPED AREA OF ARLINGTON, TEXAS
Date September, 1979	Pages: 37	
Note:		
Author(s) PJ COSBY; JL BUFFINGTON		
Report No. 225-14	(PUBLISHED)	LAND USE IMPACT OF IMPROVING SECTION TWO OF WESTHEIMER ROAD IN A DEVELOPING AREA IN HOUSTON, TEXAS
Date July, 1979	Pages: 52	
Note:		
Author(s) CW HERNDON; JL BUFFINGTON		
Report No. 225-15	(PUBLISHED)	LAND USE IMPACT OF IMPROVING SECTION TWO OF FARM-TO-MARKET ROAD 157 IN A DEVELOPING AREA IN ARLINGTON, TEXAS
Date October, 1979	Pages: 48	
Note:		
Author(s) PJ COSBY; JL BUFFINGTON		
Report No. 225-16	(PUBLISHED)	LAND USE IMPACT OF IMPROVING SECTION THREE OF WESTHEIMER ROAD IN A DEVELOPING AREA IN HOUSTON, TEXAS
Date January, 1981	Pages: 48	
Note:		
Author(s) JL BUFFINGTON; CW HERNDON		
Report No. 225-17	(PUBLISHED)	LAND USE IMPACT OF IMPROVING STATE HIGHWAY 352 IN A DEVELOPING AREA OF DALLAS, TEXAS
Date April, 1980	Pages: 48	
Note:		
Author(s) PJ COSBY; JL BUFFINGTON		
Report No. 225-18	(PUBLISHED)	LAND USE IMPACT OF IMPROVING STATE HIGHWAY 356 IN A DEVELOPING AREA OF DALLAS, TEXAS
Date May, 1980	Pages: 34	
Note:		
Author(s) PJ COSBY; JL BUFFINGTON		
Report No. 225-19	(PUBLISHED)	LAND USE IMPACT OF IMPROVING WEST BERRY STREET IN A DEVELOPED AREA OF FORT WORTH, TEXAS
Date July, 1980	Pages: 34	
Note:		
Author(s) PJ COSBY; JL BUFFINGTON		
Report No. 225-20	(PUBLISHED)	LAND USE IMPACT OF IMPROVING WEST VICKERY BOULEVARD IN A DEVELOPING AREA OF FORT WORTH, TEXAS
Date August, 1980	Pages: 35	
Note:		
Author(s) PJ COSBY; JL BUFFINGTON		

Report No. 225-21	(PUBLISHED)	LAND USE IMPACT OF IMPROVING PIPELINE ROAD IN A DEVELOPING AREA OF HURST, TEXAS
Date January, 1981	Pages: 46	
Note:		
Author(s) PJ COSBY; JL BUFFINGTON		
Report No. 225-22	(PUBLISHED)	EFFECTS OF ROADWAY IMPROVEMENTS ON ADJACENT LAND USE: AN AGGREGATIVE ANALYSIS AND THE FEASIBILITY OF USING URBAN DEVELOPMENT MODELS
Date May, 1981	Pages: 139	
Note:		
Author(s) JB ROLLINS; JL MEMMOTT et al		
Report No. 225-23	(PUBLISHED)	PREDICTING TRAFFIC VOLUME GROWTH RATES RESULTING FROM CHANGES IN HIGHWAY CAPACITY AND LAND DEVELOPMENT
Date January, 1981	Pages: 115	
Note:		
Author(s) JL MEMMOTT		
Report No. 225-24	(PUBLISHED)	THE EVALUATION OF HIGH OCCUPANCY VEHICLE PROJECTS IN THE HEEM
Date January, 1982	Pages: 95	
Note:		
Author(s) JL MEMMOTT; JL BUFFINGTON		
Report No. 225-25	(PUBLISHED)	ESTIMATING DEMAND FOR LAND USES & TRANSPORTATION FACILITIES WITH POPULATION PYRAMIDS
Date May, 1982	Pages: 49	
Note:		
Author(s) MK CHUI; JL BUFFINGTON		
Report No. 225-26	(PUBLISHED)	ECONOMIC EFFECTS OF STAGE CONSTRUCTION OF THE NORTHWEST AND SOUTHWEST FREEWAYS IN HOUSTON, TEXAS
Date August, 1982	Pages: 59	
Note:		
Author(s) MK CHUI; JL MEMMOTT et al		
Report No. 225-27	(PUBLISHED)	PREDICTING THE EFFECTS OF ROADWAY IMPROVEMENTS ON LAND USE AND TRAFFIC VOLUMES
Date July, 1983	Pages: 84	
Note:		
Author(s) JL BUFFINGTON; JL MEMMOTT et al		
Report No. 225-28F	(PUBLISHED)	REVISED HIGHWAY ECONOMIC EVALUATION MODEL (HEEM-11)
Date November, 1983	Pages: 311	
Note:		
Author(s) JL MEMMOTT; JL BUFFINGTON		

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Study No. 0-226      Status: TERMINATED      Title: DEVELOPMENT OF ECONOMICAL PRECAST CONCRETE BRIDGES  
Start 09/01/77   End 08/31/80  
Comment:  
Researcher(s) JJ PANAK (D-5)

Report No. 226-1F      (PUBLISHED)      ECONOMICAL PRECAST CONCRETE BRIDGES  
Date March, 1982      Pages: 34  
Note:  
Author(s) JJ PANAK

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Study No. 0-227      Status: TERMINATED      Title: TRANSPORTATION, POPULATION AND ECONOMIC GROWTH  
Start 01/27/77   End 08/31/77  
Comment:  
Researcher(s) WF MCFARLAND (TTI)

Report No. 227-1 (PUBLISHED) ECONOMIC SIGNIFICANCE OF TRANSPORTATION  
Date September, 1977 Pages: 106  
Note:  
Author(s) SR HOLMES; WF MCFARLAND

Report No. 227-2F (PUBLISHED) TEXAS POPULATION TRENDS AND IMPLICATIONS FOR TRANSPORTATION  
Date October, 1977 Pages: 128  
Note:  
Author(s) PK GUSEMAN; TK FULLER et al

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Study No. 0-228 Status: TERMINATED Title: TRAFFIC MANAGEMENT DURING URBAN FREEWAY MAINTENANCE  
Start 09/01/77 End 09/01/81 OPERATIONS  
Comment:  
Researcher(s) CL DUDEK (TTI)

Report No. 228-1 (PUBLISHED) MAINTENANCE AND CONSTRUCTION ZONE: ANNOTATED BIBLIOGRAPHY  
Date March, 1980 Pages: 48 NTIS PB81-185886  
Note: 263-1  
Author(s) SH RICHARDS; CL DUDEK et al

Report No. 228-2 (PUBLISHED) TRAFFIC MANAGEMENT FOR MIDDLE LANE MAINTENANCE ON URBAN  
Date March, 1980 Pages: 8 NTIS PB81-180416 FREEWAYS  
Note:  
Author(s) CL DUDEK; SH RICHARDS

Report No. 228-3 (PUBLISHED) DRIVER UNDERSTANDING OF WORK ZONE FLAGGER SIGNALS AND  
Date January, 1981 Pages: 37 SIGNALING DEVICES  
Note:  
Author(s) ND HUDDLESTON; SH RICHARDS et al

Report No. 228-4 (PUBLISHED) MOVING MAINTENANCE OPERATIONS ON TEXAS URBAN FREEWAYS: A  
Date January, 1981 Pages: 33 NTIS PB82-193301 LIMITED OVERVIEW OF CURRENT PRACTICES AND PROBLEMS  
Note: IDENTIFICATION  
Author(s) M FAULKNER; CL DUDEK

Report No. 228-5 (PUBLISHED) FIELD EVALUATION OF FLASHING ARROWBOARDS AT FREEWAY WORK  
Date April, 1981 Pages: 30 NTIS PB82-202821 ZONES  
Note:  
Author(s) M FAULKNER; CL DUDEK

Report No. 228-6 (PUBLISHED) TRAFFIC CAPACITY THROUGH WORK ZONES ON URBAN FREEWAYS  
Date April, 1981 Pages: 28  
Note:  
Author(s) CL DUDEK; SH RICHARDS

Report No. 228-7 (PUBLISHED) SIGHT DISTANCE REQUIREMENTS AT LANE CLOSURE WORK ZONES ON  
Date April, 1981 Pages: 29 NTIS PB82-142290 URBAN FREEWAYS  
Note:  
Author(s) SH RICHARDS; CL DUDEK

Report No. 228-8 (PUBLISHED) SPECIAL TRAFFIC MANAGEMENT REQUIREMENTS FOR MAINTENANCE  
Date January, 1982 Pages: 43 NTIS PB82-196510 WORK ZONES ON URBAN FREEWAYS  
Note:  
Author(s) SH RICHARDS; CL DUDEK

Report No. 228-9 (PUBLISHED) FEASIBILITY OF CHANGEABLE MESSAGE SIGNS AND HIGHWAY  
Date July, 1981 Pages: 31 NTIS PB82-172966 ADVISORY RADIO FOR FREEWAY MAINTENANCE  
Note: 263-2  
Author(s) CL DUDEK; SH RICHARDS et al

Report No. 228-10F (PUBLISHED) TRAFFIC MANAGEMENT DURING URBAN FREEWAY MAINTENANCE  
Date January, 1982 Pages: 47 NTIS PB82-199605 OPERATIONS  
Note:  
Author(s) CL DUDEK; SH RICHARDS et al

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Study No. 0-229 Status: TERMINATED Title: ASPHALT TANK WITH SOLAR HEATING  
Start 05/16/78 End 08/31/81  
Comment:  
Researcher(s) KD HANKINS (D-10)

Report No. 229-1 (PUBLISHED) SOLAR HEATING AN ASPHALT STORAGE TANK  
Date June, 1978 Pages: 112  
Note:  
Author(s) KD HANKINS

Report No. 229-2F (PUBLISHED) USING SOLAR HEATING WITH ASPHALT STORAGE--LUBBOCK, TEXAS  
Date October, 1981 Pages: 31 NTIS PB83175786  
Note:  
Author(s) KD HANKINS

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Study No. 0-230 Status: TERMINATED Title: BRIDGE RAIL TO CONTAIN HEAVY TRUCKS AND BUSES  
Start 09/01/77 End 09/01/81  
Comment:  
Researcher(s) TJ HIRSCH (TTI)

Report No. 230-1 (PUBLISHED) TUBULAR W-BEAM BRIDGE RAIL  
Date October, 1978 Pages: 49 NTIS PB295667  
Note:  
Author(s) TJ HIRSCH; JJ PANAK et al

Report No. 230-2 (PUBLISHED) ANALYTICAL EVALUATION OF TEXAS BRIDGE RAILS TO CONTAIN  
Date August, 1978 Pages: 92 NTIS PB299141 BUSES AND TRUCKS  
Note:  
Author(s) TJ HIRSCH

Report No. 230-3 (PUBLISHED) BRIDGE RAIL TO RESTRAIN AND REDIRECT BUSES  
Date February, 1981 Pages: 71 NTIS PB81-202582  
Note:  
Author(s) TJ HIRSCH

Report No. 230-4F (PUBLISHED) BRIDGE RAIL TO RESTRAIN AND REDIRECT 80,000-POUND TRUCKS  
Date November, 1981 Pages: 37 NTIS PB83-168112  
Note:  
Author(s) TJ HIRSCH; A ARNOLD

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Study No. 0-231 Status: TERMINATED Title: ECONOMIC ANALYSIS OF EFFECTS OF TRUCKS ON TEXAS HIGHWAYS  
Start 06/02/77 End 09/01/82  
Comment:  
Researcher(s) D BURKE (TTI)

Report No. 231-1 (PUBLISHED) EFFECTS OF HEAVY TRUCKS ON TEXAS HIGHWAYS  
Date September, 1978 Pages: 63  
Note: PROJECT RELATED TO 0-241  
Author(s)

Report No. 231-2F (PUBLISHED) CAR/TRUCK ACCIDENTS IN TEXAS - 1976-1979  
Date November, 1982 Pages: 64  
Note:  
Author(s) J SAUNDERS; D BURKE

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Study No. 0-232 Status: TERMINATED Title: PUBLIC UNDERSTANDING OF TRAFFIC CONTROL DEVICES  
Start 09/01/77 End 08/31/78  
Comment:  
Researcher(s) RJ KOPPA (TTI)

Report No. 232-1F (PUBLISHED) PUBLIC UNDERSTANDING OF TRAFFIC CONTROL DEVICES IN TEXAS  
Date November, 1978 Pages: 130  
Note:  
Author(s) RJ KOPPA; PK GUSEMAN

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Study No. 0-233 Status: TERMINATED Title: PRIORITY TREATMENT OF NARROW BRIDGES  
Start 09/01/77 End 08/31/83  
Comment:  
Researcher(s) TM NEWTON (TTI)

Report No. 233-1 (PUBLISHED) A METHOD OF FIELD EVALUATION OF NARROW BRIDGES FOR PRIORITY INDEXING  
Date July, 1979 Pages: 26  
Note:  
Author(s) TM NEWTON

Report No. 233-2F (PUBLISHED) AN IMPROVED BRIDGE SAFETY INDEX FOR NARROW BRIDGES  
Date August, 1983 Pages: 146  
Note:  
Author(s) RL LYTTON; RB GANDHI

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Study No. 0-234 Status: TERMINATED Title: PERFORMANCE OF OPEN-GRADED FRICTION COURSES  
Start 09/01/77 End 08/31/79  
Comment:  
Researcher(s) SC BRITTON (TTI)

Report No. 234-1F (PUBLISHED) PERFORMANCE OF OPEN-GRADED FRICTION COURSES  
Date June, 1979 Pages: 239 NTIS P880-162985  
Note:  
Author(s) BM GALLAWAY; RL TOMASINI

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Study No. 0-235 Status: TERMINATED Title: ECONOMIC ASPHALT TREATED BASES  
Start 09/01/77 End 08/31/81  
Comment:  
Researcher(s) JW BUTTON (TTI)

Report No. 235-1 (PUBLISHED) STABILIZATION OF MARGINAL AGGREGATES WITH FOAMED ASPHALT  
Date August, 1982 Pages: 102  
Note:  
Author(s) DN LITTLE; JW BUTTON

Report No. 235-2F (PUBLISHED) EVALUATION OF BITUMINOUS STABILIZED BLOW SANDS AND RIVER  
Date January, 1983 Pages: 103 NTIS PB86184918/AS SANDS IN TEXAS  
Note:  
Author(s) DN LITTLE; JW BUTTON

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Study No. 0-236 Status: TERMINATED Title: DETERMINATION OF EARTH PRESSURES FOR USE IN CANTILEVER  
Start 09/01/77 End 08/31/82 RETAINING WALL DESIGN  
Comment:  
Researcher(s) HM COYLE (TTI)

Report No. 236-1 (PUBLISHED) FIELD MEASUREMENTS OF EARTH PRESSURE ON A CANTILEVER  
Date September, 1980 Pages: 94 NTIS PB81-200586 RETAINING WALL  
Note:  
Author(s) LW SCHULZE; HM COYLE et al

Report No. 236-2F (PUBLISHED) CANTILEVER RETAINING WALL DESIGN  
Date May, 1983 Pages: 179 NTIS PB84-177633  
Note:  
Author(s) RF BRUNER; HM COYLE et al

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Study No. 0-237 Status: TERMINATED Title: EFFECT OF A MILLED PAVEMENT SURFACE ON MOTORCYCLE  
Start 09/01/77 End 08/31/79 RIDEABILITY  
Comment:  
Researcher(s) SE MARTINEZ (TTI)

Report No. 237-1F (NOT PUBLISHED) EFFECT OF MILLED PAVEMENT ON MOTORCYCLE RIDEABILITY  
Date December, 1979 Pages: 60  
Note:  
Author(s) JE MARTINEZ; LL LOWERY

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Study No. 0-238 Status: TERMINATED Title: THE USE AND ANALYSIS OF RECORDED TRAFFIC ACCIDENT DATA  
Start 03/31/78 End 08/31/78  
Comment:  
Researcher(s) A HUBER (TTI)

Report No. 238-1F (PUBLISHED) THE USE AND ANALYSIS OF RECORDED TRAFFIC ACCIDENT DATA  
Date August, 1978 Pages: 67  
Note:  
Author(s) A HUBER; GD WEAVER et al

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Study No. 0-239 Status: TERMINATED Title: PAVEMENT MAINTENANCE FUND ALLOCATION  
Start 09/01/78 End 08/31/84  
Comment:  
Researcher(s) RL LYTTON (TTI)

Report No. 239-1 (PUBLISHED) REHABILITATION AND MAINTENANCE SYSTEM: THE OPTIMIZATION  
Date September, 1980 Pages: 52 MODELS  
Note:  
Author(s) DT PHILLIPS; RL LYTTON et al

Report No. 239-2 (PUBLISHED) REHABILITATION AND MAINTENANCE SYSTEM - STATE OPTIMAL FUND  
Date January, 1981 Pages: 141 ALLOCATION PROGRAM II (RAMS-SOFA-2)  
Note:  
Author(s) DT PHILLIPS; CV SHANMUGHAM et al



Report No. 239-3	(PUBLISHED)	REHABILITATION AND MAINTENANCE SYSTEM - DISTRICT TIME OPTIMIZATION (RAMS-DTO-1)
Date January, 1981	Pages: 111	
Note:		
Author(s) DT PHILLIPS; CV SHANMUGHAM et al		
Report No. 239-4	(PUBLISHED)	REHABILITATION AND MAINTENANCE SYSTEM - STATE OPTIMAL FUND ALLOCATION - PROGRAM I (RAMS - SOFA-1)
Date February, 1981	Pages: 35	
Note:		
Author(s) DT PHILLIPS; F GHASEMI-TARI		
Report No. 239-5	(PUBLISHED)	ESTIMATING PAVEMENT CONDITION AND REHABILITATION COSTS USING STATISTICAL SAMPLING TECHNIQUES
Date June, 1984	Pages: 245	
Note:		
Author(s) CJ TEMPLETON; RL LYTTON		
Report No. 239-6F	(PUBLISHED)	THE DEVELOPMENT OF THE RAMS- STATE COST ESTIMATING PROGRAM
Date November, 1984	Pages: 65	
Note:		
Author(s) T SCULLION; RL LYTTON		

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Study No. 0-240            Status: TERMINATED            Title: FLY ASH EXPERIMENTAL PROJECTS  
Start 09/01/78   End 08/31/84  
Comment:  
Researcher(s) WB LEDBETTER (TTI)

Report No. 240-1	(PUBLISHED)	ANALYSIS OF FLY ASHES PRODUCED IN TEXAS
Date January, 1981	Pages: 97	
Note:		
Author(s) WC MCKERALL; WB LEDBETTER et al		
Report No. 240-2	(PUBLISHED)	CONSTRUCTION OF FLY ASH TEST SITES AND GUIDELINES FOR CONSTRUCTION
Date October, 1981	Pages: 111    NTIS PB82-196536	
Note:		
Author(s) WB LEDBETTER; DJ TEAGUE et al		
Report No. 240-3	(NOT PUBLISHED)	EVALUATION OF FLY ASH TEST SITES USING STATIC AND DYNAMIC DEFLECTION SYSTEMS
Date April, 1983	Pages: 222	
Note:		
Author(s) GW RABA; DN LITTLE et al		
Report No. 240-4F	(PUBLISHED)	EVALUATION OF FLY ASH TEST SITES USING SIMPLIFIED ELASTIC THEORY MODEL AND FIELD MEASUREMENTS
Date March, 1984	Pages: 194	
Note:		
Author(s) SM ALAM; DN LITTLE et al		

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Study No. 0-241            Status: TERMINATED            Title: TRUCK USE OF HIGHWAYS IN TEXAS  
Start 09/01/77   End 08/31/81  
Comment:  
Researcher(s) CM WALTON (CTR)

Report No. 241-1	(PUBLISHED)	PUBLISHED BY DHT AS "EFFECTS OF HEAVY TRUCKS ON TEXAS HIGHWAYS" WHICH WAS PREPARED AND SUBMITTED IN RESPONSE TO SENATE RESOLUTION 589, THE 65TH LEGISLATURE.
Date January, 1978	Pages:	
Note: PROJECT RELATED TO 0-231		
Author(s)		

Report No. 241-2 (PUBLISHED) AN ASSESSMENT OF CHANGES IN TRUCK DIMENSIONS ON HIGHWAY  
 Date June, 1981 Pages: 168 GEOMETRIC DESIGN PRINCIPLES AND PRACTICES  
 Note:  
 Author(s) CM WALTON; O GERICKE

Report No. 241-4 (PUBLISHED) AN ASSESSMENT OF RECENT STATE TRUCK SIZE AND WEIGHT  
 Date February, 1982 Pages: 145 STUDIES  
 Note:  
 Author(s) CM WALTON; C YU et al

Report No. 241-5 (PUBLISHED) TRUCK WEIGHT SHIFTING METHODOLOGY FOR PREDICTING HIGHWAY  
 Date September, 1982 Pages: 184 LOADS  
 Note:  
 Author(s) CM WALTON; C YU et al

Report No. 241-6F (PUBLISHED) AN ASSESSMENT OF THE ENFORCEMENT OF TRUCK SIZE AND WEIGHT  
 Date August, 1982 Pages: 118 LIMITATIONS IN TEXAS  
 Note:  
 Author(s) CM WALTON; C YU

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Study No. 0-242 Status: TERMINATED Title: INFLUENCE OF CASTING POSITION AND OF SHEAR ON THE STRENGTH  
 Start 09/01/77 End 08/31/80 OF LAPPED SPLICES  
 Comment:  
 Researcher(s) JE BREEN (CTR)

Report No. 242-1 (PUBLISHED) THE INFLUENCE OF CASTING POSITION ON DEVELOPMENT AND SPLICE  
 Date June, 1981 Pages: 174 NTIS PB83-229682 LENGTH OF REINFORCING BARS  
 Note:  
 Author(s) JJ LUKE; BS HAMAD et al

Report No. 242-2 (PUBLISHED) THE INFLUENCE OF SHEAR ON LAPPED SPLICES IN REINFORCED  
 Date July, 1981 Pages: 100 NTIS PB83-206920 CONCRETE  
 Note:  
 Author(s) AJ ZEKANY; S NEWMANN et al

Report No. 242-3F (PUBLISHED) INFLUENCE OF CASTING POSITION AND SHEAR ON DEVELOPMENT AND  
 Date April, 1981 Pages: 45 SPLICE LENGTH - DESIGN RECOMMENDATIONS  
 Note:  
 Author(s) JO JIRSA; JE BREEN

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Study No. 0-243 Status: TERMINATED Title: COORDINATION OF ACTUATED TRAFFIC SIGNALS  
 Start 09/01/77 End 08/31/79  
 Comment:  
 Researcher(s) CE LEE (CTR)

Report No. 243-1F (PUBLISHED) EVALUATION OF THE DYNAMIC ARTERIAL-RESPONSIVE TRAFFIC  
 Date March, 1982 Pages: 60 SYSTEM (DARTS)  
 Note:  
 Author(s) CE LEE

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Study No. 0-244 Status: TERMINATED Title: DEVELOPMENT OF PROCEDURES FOR THE DESIGN OF DRILLED SHAFT  
 Start 09/01/77 End 08/31/79 FOUNDATIONS FOR SUPPORT OF OVERHEAD SIGNS  
 Comment:  
 Researcher(s) LC REESE (CTR)

Report No. 244-1 (PUBLISHED) ANALYSIS OF SINGLE PILES UNDER LATERAL LOADING  
Date December, 1979 Pages: 145 NTIS PB81-110272  
Note:  
Author(s) BJ MEYER; LC REESE

Report No. 244-2F (PUBLISHED) ANALYSIS OF DRILLED-SHAFT FOUNDATIONS FOR OVERHEAD-SIGN  
Date December, 1980 Pages: 151 NTIS PB82-257643 STRUCTURES  
Note:  
Author(s) G LOWE; LC REESE

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Study No. 0-245 Status: TERMINATED Title: TRAFFIC SURVEY PROGRAM IMPROVEMENT  
Start 02/02/78 End 08/31/80  
Comment:  
Researcher(s) CE LEE (CTR)

Report No. 245-1F (PUBLISHED) TEXAS TRAFFIC DATA ACQUISITION PROGRAM  
Date February, 1980 Pages: 89  
Note:  
Author(s) HJ LIN; CE LEE et al

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Study No. 0-246 Status: TERMINATED Title: POLYMER-CONCRETE FOR CONCRETE PAVEMENT REHABILITATION  
Start 09/01/78 End 08/31/82  
Comment:  
Researcher(s) DR PAUL (CTR)

Report No. 246-1 (PUBLISHED) POLYMER CONCRETE FOR PRECAST REPAIR OF CONTINUOUSLY  
Date August, 1981 Pages: 45 NTIS PB82-197229 REINFORCED CONCRETE PAVEMENT ON IH-30 NEAR MT. PLEASANT  
Note:  
Author(s) AH MEYER; BF MCCULLOUGH et al

Report No. 246-2 (PUBLISHED) DETECTION OF VOIDS UNDERNEATH CONCRETE PAVEMENTS USING  
Date June, 1983 Pages: 94 NTIS PB85175008/AS INFRARED THERMOGRAPHY  
Note:  
Author(s) ME BUKOWSKI; RL TUCKER et al

Report No. 246-3 (PUBLISHED) POLYMER CONCRETE FOR PAVEMENT REPAIR AND REHABILITATION  
Date May, 1983 Pages: 103 NTIS PB85174977/AS  
Note:  
Author(s) DW FOWLER; AH MEYER et al

Report No. 246-4F (PUBLISHED) IMPLEMENTATION MANUAL FOR POLYMER CONCRETE REPAIR  
Date December, 1983 Pages: 84  
Note:  
Author(s) DW FOWLER; AH MEYER et al

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Study No. 0-247 Status: TERMINATED Title: EVALUATION OF THE FATIGUE LIFE OF STRUCTURAL STEEL BRIDGE  
Start 09/01/78 End 08/31/81 DETAILS  
Comment:  
Researcher(s)

Report No. 247-1 (PUBLISHED) ANALYTICAL STUDY OF THE FATIGUE BEHAVIOR OF A LONGITUDINAL  
Date August, 1981 Pages: 244 NTIS PB82-141383 TRANSVERSE STIFFENER INTERSECTION  
Note:  
Author(s) DA PLATTEN; KH FRANK et al

Report No. 247-2 (PUBLISHED) FIELD TESTS OF A CONTINUOUS TWIN GIRDER STEEL BRIDGE  
 Date November, 1981 Pages: 126 NTIS PB-82185901  
 Note:  
 Author(s) JA YURA; KH FRANK et al

Report No. 247-3 (PUBLISHED) EVALUATION OF THE FATIGUE PERFORMANCE OF BUTT-WELDED  
 Date August, 1982 Pages: 203 NTIS PB83-204172 SPLICES  
 Note:  
 Author(s) AJ LEITE; KH FRANK et al

Report No. 247-4 (PUBLISHED) ESTIMATION OF THE FATIGUE LIFE OF A TEST BRIDGE FROM  
 Date May, 1983 Pages: 122 NTIS PB84-215680 TRAFFIC DATA  
 Note:  
 Author(s) PN HOADLEY; KH FRANK et al

Report No. 247-5F (PUBLISHED) FATIGUE BEHAVIOR OF LONGITUDINAL TRANSVERSE STIFFENER  
 Date May, 1983 Pages: 85 NTIS PB84-202092 INTERSECTION  
 Note:  
 Author(s) JD PASS; KH FRANK et al

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Study No. 0-248 Status: TERMINATED Title: RE-EVALUATION OF AASHTO SHEAR AND TORSION PROVISIONS FOR  
 Start 09/01/79 End 08/31/82 REINFORCED AND PRESTRESSED CONCRETE  
 Comment:  
 Researcher(s) JE BREEN (CTR)

Report No. 248-1 (PUBLISHED) EXPLORATORY STUDY OF SHEAR STRENGTH OF JOINTS FOR PRECAST  
 Date September, 1983 Pages: 94 SEGMENTAL BRIDGES  
 Note:  
 Author(s) K KOSEKI; JE BREEN

Report No. 248-2 (PUBLISHED) REVIEW OF DESIGN PROCEDURES FOR SHEAR AND TORSION IN  
 Date November, 1983 Pages: 192 NTIS PB85139260 REINFORCED AND PRESTRESSED CONCRETE  
 Note:  
 Author(s) JA RAMIREZ; JE BREEN

Report No. 248-3 (PUBLISHED) EXPERIMENTAL VERIFICATION OF DESIGN PROCEDURES FOR SHEAR  
 Date November, 1983 Pages: 312 AND TORSION IN REINFORCED AND PRESTRESSED CONCRETE  
 Note:  
 Author(s) JA RAMIREZ; JE BREEN

Report No. 248-4F (PUBLISHED) PROPOSED DESIGN PROCEDURES FOR SHEAR AND TORSION IN  
 Date November, 1983 Pages: 270 NTIS PB85136711 REINFORCED AND PRESTRESSED CONCRETE  
 Note:  
 Author(s) JA RAMIREZ; JE BREEN

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Study No. 0-249 Status: TERMINATED Title: IMPLEMENTATION OF RIGID PAVEMENT OVERLAY AND DESIGN SYSTEM  
 Start 09/01/78 End 08/31/83  
 Comment:  
 Researcher(s) WR HUDSON (CTR)

Report No. 249-1 (PUBLISHED) IMPROVEMENTS TO THE MATERIALS CHARACTERIZATION AND FATIGUE  
 Date November, 1981 Pages: 328 LIFE PREDICTION METHODS OF THE TEXAS RIGID PAVEMENT OVERLAY  
 Note: DESIGN PROCEDURE  
 Author(s) A TAUTE; BF MCCULLOUGH et al

Report No. 249-2 (PUBLISHED) A DESIGN SYSTEM FOR RIGID PAVEMENT REHABILITATION  
Date June, 1981 Pages: 324  
Note:  
Author(s) SB SEEDS; BF MCCULLOUGH et al

Report No. 249-3 (PUBLISHED) VOID DETECTION AND GROUTING PROCESS  
Date April, 1983 Pages: 178  
Note:  
Author(s) F TORRES; BF MCCULLOUGH

Report No. 249-4 (PUBLISHED) EFFECT OF ENVIRONMENTAL FACTORS AND LOADING POSITION ON  
Date November, 1982 Pages: 105 DYNAFLECT DEFLECTIONS IN RIGID PAVEMENTS  
Note:  
Author(s) V TORRES-VERDIN; BF MCCULLOUGH

Report No. 249-5 (PUBLISHED) RIGID PAVEMENT NETWORK REHABILITATION SCHEDULING USING  
Date August, 1983 Pages: 246 DISTRESS QUANTITIES  
Note:  
Author(s) O GUTIERREZ DE VELASCO; BF MCCULLOUGH

Report No. 249-6 (PUBLISHED) DESIGN CHARTS FOR THE DESIGN OF HMAC OVERLAYS ON PCC  
Date November, 1983 Pages: 152 PAVEMENTS TO PREVENT RELECTION CRACKING  
Note:  
Author(s) AM DIAZ; BF MCCULLOUGH

Report No. 249-7 (PUBLISHED) THE EFFECT OF COARSE-AGGREGATE TYPE ON CRCP THICKNESS  
Date November, 1983 Pages: 69  
Note:  
Author(s) V TORRES-VERDIN; BF MCCULLOUGH et al

Report No. 249-8F (PUBLISHED) SUMMARY AND RECOMMENDATIONS FOR THE IMPLEMENTATION OF A  
Date November, 1983 Pages: 158 NTIS PB86160835/AS RIGID PAVEMENT OVERLAY AND DESIGN SYSTEM  
Note:  
Author(s) BF MCCULLOUGH; V TORRES-VERDIN et al

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Study No. 0-250 Status: TERMINATED Title: VEHICLE EMISSIONS AND FUEL CONSUMPTION AT INTERSECTIONS  
Start 09/01/78 End 08/31/82  
Comment:  
Researcher(s) CE LEE (CTR)

Report No. 250-1 (PUBLISHED) VEHICLE EMISSIONS AT INTERSECTIONS  
Date August, 1983 Pages: 317  
Note:  
Author(s) F LEE; CE LEE et al

Report No. 250-2F (PUBLISHED) VEHICLE EMISSIONS AT INTERSECTIONS  
Date August, 1983 Pages: 181  
Note:  
Author(s) JA BULLIN; M HINZ et al

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Study No. 0-251 Status: TERMINATED Title: DEPLOYMENT OF A DIGITAL ROAD PROFILOMETER  
Start 09/01/78 End 08/31/82  
Comment:  
Researcher(s) WR HUDSON (CTR)

Report No. 251-1 (PUBLISHED) THE USE OF ROAD PROFILE STATISTICS FOR MAYS METER  
 Date August, 1983 Pages: 317 CALIBRATION  
 Note:  
 Author(s) DW MCKENZIE; WR HUDSON et al

Report No. 251-2 (PUBLISHED) DEVELOPMENT OF A COMPUTER PROGRAM (OVERLAY) TO SIMULATE  
 Date January, 1983 Pages: 99 LAYDOWN AND COMPACTION OF ASPHALT PAVEMENT  
 Note:  
 Author(s) SD CODAS; WR HUDSON et al

Report No. 251-3F (PUBLISHED) PERFORMANCE OF THE ANALOG AND THE DIGITAL PROFILOMETER  
 Date April, 1985 Pages: 201 WITH WHEELS AND WITH NON-CONTACT TRANSDUCERS  
 Note:  
 Author(s) GJ CLAROS; WR HUDSON et al

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Study No. 0-252 Status: TERMINATED Title: DESIGN AND CHARACTERIZATION OF RECYCLED PAVEMENT MIXTURES  
 Start 09/01/78 End 08/31/83  
 Comment:  
 Researcher(s) TW KENNEDY (CTR)

Report No. 252-1 (PUBLISHED) MIXTURE DESIGN PROCEDURE FOR RECYCLED ASPHALT PAVEMENTS  
 Date May, 1982 Pages: 34  
 Note:  
 Author(s) TW KENNEDY; FL ROBERTS et al

Report No. 252-2 (PUBLISHED) GUIDELINES FOR DESIGN AND CONSTRUCTION OF RECYCLED ASPHALT  
 Date September, 1985 Pages: 42 NTIS PB86235835/AS MIXTURES  
 Note:  
 Author(s) TW KENNEDY; M TAHMORESSI et al

Report No. 252-3 (PUBLISHED) USE OF FOAMED ASPHALT IN COLD, RECYCLED MIXTURES  
 Date September, 1985 Pages: 51 NTIS PB86-23535/AS  
 Note:  
 Author(s) M TAHMORESSI; JC ENGELBRECHT et al

Report No. 252-4F (PUBLISHED) ENGINEERING PROPERTIES OF RECYCLED ASPHALT MIXTURES  
 Date November, 1983 Pages: 85 NTIS PB85234524/AS  
 Note:  
 Author(s) TW KENNEDY; JN ANAGNOS

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Study No. 0-253 Status: TERMINATED Title: MOISTURE EFFECTS ON ASPHALT MIXTURES  
 Start 09/01/78 End 08/31/83  
 Comment:  
 Researcher(s) TW KENNEDY (CTR)

Report No. 253-1 (PUBLISHED) STRIPPING AND MOISTURE DAMAGE IN ASPHALT MIXTURES  
 Date September, 1984 Pages: 47 NTIS PB85243079/AS  
 Note:  
 Author(s) RB MCGENNIS; TW KENNEDY et al

Report No. 253-2 (PUBLISHED) AN EVALUATION OF THE ASPHALTENE SETTLING TEST  
 Date July, 1981 Pages: 60 NTIS PB82-224247  
 Note:  
 Author(s) TW KENNEDY; CC LIN

Report No. 253-3 (PUBLISHED) TEXAS FREEZE-THAW PEDESTAL TEST FOR EVALUATING MOISTURE  
 Date August, 1981 Pages: 26 SUSCEPTIBILITY FOR ASPHALT MIXTURES  
 Note:  
 Author(s) TW KENNEDY; FL ROBERTS et al

Report No. 253-4 (PUBLISHED) LIME TREATMENT OF ASPHALT MIXTURES  
 Date April, 1983 Pages: 12  
 Note:  
 Author(s) TW KENNEDY; FL ROBERTS et al

Report No. 253-5 (PUBLISHED) TEXAS BOILING TEST FOR EVALUATING MOISTURE SUSCEPTIBILITY  
 Date May, 1983 Pages: 25 NTIS PB86166949CNT OF ASPHALT MIXTURES  
 Note:  
 Author(s) TW KENNEDY; FL ROBERTS et al

Report No. 253-6 (PUBLISHED) A FIELD EVALUATION OF TECHNIQUES FOR TREATING ASPHALT  
 Date December, 1984 Pages: 47 NTIS PB85236420/AS MIXTURES WITH LIME  
 Note:  
 Author(s) TW KENNEDY; JN ANAGNOS

Report No. 253-7 (PUBLISHED) MODIFIED TEST PROCEDURE FOR TEXAS FREEZE-THAW PEDESTAL TEST  
 Date November, 1984 Pages: 17 NTIS PB85239879/AS  
 Note:  
 Author(s) TW KENNEDY; JN ANAGNOS

Report No. 253-8 (PUBLISHED) WET-DRY TENSILE TEST FOR EVALUATIONS MOISTURE  
 Date December, 1984 Pages: 41 NTIS PB86213386/AS SUSCEPTIBILITY OF ASPHALT MIXTURES  
 Note:  
 Author(s) TW KENNEDY; JN ANAGNOS

Report No. 253-9F (PUBLISHED) TECHNIQUES FOR REDUCING MOISTURE DAMAGE IN ASPHALT MIXTURES  
 Date November, 1984 Pages: 71  
 Note:  
 Author(s) TW KENNEDY; JN ANAGNOS

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Study No. 0-254 Status: TERMINATED Title: DESIGN OF SLENDER NONPRISMATIC OR HOLLOW BRIDGE PIERS OR  
 Start 09/01/78 End 08/31/81 COLUMNS  
 Comment:  
 Researcher(s) JE BREEN (CTR)

Report No. 254-1 (PUBLISHED) VERIFICATION OF ANALYSIS PROGRAMS FOR SOLID AND HOLLOW  
 Date December, 1982 Pages: 167 CONCRETE BRIDGE PIERS  
 Note:  
 Author(s) TE GILLIAM; Y YAMAMOTO et al

Report No. 254-2F (PUBLISHED) DESIGN OF SLENDER, NONPRISMATIC AND HOLLOW CONCRETE BRIDGE  
 Date April, 1983 Pages: 450 PIERS  
 Note:  
 Author(s) RW POSTON; M BIAZ et al

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Study No. 0-255 Status: TERMINATED Title: THE INFLUENCE OF STEEL CASING ON THE LOAD-CARRYING CAPACITY  
 Start 09/01/79 End 08/31/81 OF DRILLED SHAFTS  
 Comment:  
 Researcher(s) LC REESE (CTR)

Report No. 255-1F (PUBLISHED) THE INFLUENCE OF A STEEL CASING ON THE AXIAL CAPACITY OF  
Date July, 1982 Pages: 204 NTIS PB83194001 A DRILLED SHAFT  
Note:  
Author(s) MJ OWENS; LC REESE

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Study No. 0-256 Status: TERMINATED Title: THE STUDY OF NEW TECHNOLOGIES FOR PAVEMENT EVALUATION  
Start 09/01/79 End 08/31/81  
Comment:  
Researcher(s) BF MCCULLOUGH (CTR)

Report No. 256-1 (PUBLISHED) COMPARISON OF THE FALLING WEIGHT DEFLECTOMETER AND THE  
Date March, 1982 Pages: 167 NTIS PB83184127 DYNAFLECT FOR PAVEMENT EVALUATION  
Note:  
Author(s) B EAGLESON; S HEISEY et al

Report No. 256-2 (PUBLISHED) DETERMINATION OF IN SITU SHEAR WAVE VELOCITIES FROM  
Date November, 1982 Pages: 292 SPECTRAL ANALYSIS OF SURFACE WAVES  
Note:  
Author(s) J HEISEY; KH STOKOE et al

Report No. 256-3 (PUBLISHED) DETECTION OF CRACKS ON HIGHWAY PAVEMENT  
Date October, 1982 Pages: 51  
Note:  
Author(s) CH CHIEN; WN MARTIN et al

Report No. 256-4 (PUBLISHED) EVALUATION OF MODULI AND THICKNESSES OF PAVEMENT SYSTEMS  
Date December, 1983 Pages: 138 BY SPECTRAL-ANALYSIS-OF-SURFACE-WAVES METHOD  
Note:  
Author(s) S NAZARIAN; KH STOKOE

Report No. 256-5 (PUBLISHED) INVESTIGATIONS INTO DYNAFLECT DEFLECTIONS IN RELATION TO  
Date December, 1983 Pages: 290 LOCATION/TEMPERATURE PARAMETERS AND IN-SITU MATERIAL  
Note: CHARACTERIZATION OF RIGID PAVEMENT  
Author(s) W UDDIN; S NAZARIAN et al

Report No. 256-6F (PUBLISHED) DYNAFLECT TESTING FOR RIGID PAVEMENT EVALUATION  
Date October, 1983 Pages: 88  
Note:  
Author(s) W UDDIN; V TORRES-VERDIN et al

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Study No. 0-257 Status: TERMINATED Title: EVALUATION OF DRILLED SHAFT INTEGRITY BY STRESS WAVES  
Start 09/01/79 End 08/31/81  
Comment:  
Researcher(s) KH STOKOE (CTR)

Report No. 257-1F (PUBLISHED) INTEGRITY EVALUATION OF DRILLED PIERS BY STRESS WAVE  
Date January, 1984 Pages: 268  
Note:  
Author(s) AS HARRELL; KH STOKOE

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Study No. 0-258 Status: TERMINATED Title: WARRANTS FOR RESTRICTED AND PERMISSIVE LEFT TURN SIGNAL  
Start 09/01/79 End 08/31/81 PHASES  
Comment:  
Researcher(s) RB MACHEMEHL (CTR)



Report No. 258-1 (PUBLISHED) GUIDELINES FOR USE OF LEFT-TURN LANES AND SIGNAL PHASES  
Date February, 1983 Pages: 220 NTIS P884-196708  
Note:  
Author(s) HJ LIN; RB MACHEMEHL et al

Report No. 258-2 (PUBLISHED) COMPARATIVE ANALYSIS OF LEFT-TURN PHASE SEQUENCING  
Date November, 1983 Pages: 41  
Note:  
Author(s) RB MACHEMEHL; AM MELCHER

Report No. 258-3F (PUBLISHED) PROCEDURAL GUIDE FOR LEFT-TURN ANALYSIS  
Date November, 1983 Pages: 82 NTIS P885152551/AS  
Note:  
Author(s) RB MACHEMEHL; AM MECHLER

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Study No. 0-259 Status: TERMINATED Title: DETECTOR CONFIGURATION AND LOCATION AT SIGNALIZED INTERSECTIONS  
Start 09/01/79 End 08/31/80  
Comment:  
Researcher(s) RB MACHEMEHL (CTR)

Report No. 259-1F (PUBLISHED) DETECTOR CONFIGURATION AND LOCATION AT SIGNALIZED INTERSECTIONS  
Date June, 1981 Pages: 171  
Note:  
Author(s) CS WU; RB MACHEMEHL et al

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Study No. 0-260 Status: TERMINATED Title: WARRANTS FOR TRAFFIC SIGNALS WITHIN A COORDINATED SYSTEM  
Start 09/01/79 End 08/31/81  
Comment:  
Researcher(s) CE LEE (CTR)

Report No. 260-1F (PUBLISHED) ADDING SIGNALS TO COORDINATED TRAFFIC SIGNAL SYSTEMS  
Date August, 1983 Pages: 83 NTIS P884-229251  
Note:  
Author(s) RB MACHEMEHL; CE LEE

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Study No. 0-261 Status: TERMINATED Title: EVALUATION OF FABRIC UNDERSEALS  
Start 04/03/79 End 08/31/84  
Comment:  
Researcher(s) RJ HOLMGREEN (CTR)

Report No. 261-1 (PUBLISHED) LABORATORY EVALUATION OF SELECTED FABRICS FOR REINFORCEMENT OF ASPHALTIC CONCRETE OVERLAYS  
Date August, 1983 Pages: 301 NTIS P884-229251  
Note:  
Author(s) DL PICKETT; RL LYTTON

Report No. 261-2 (PUBLISHED) EVALUATION OF FABRIC INTERLAYERS  
Date September, 1984 Pages: 28  
Note:  
Author(s) JW BUTTON

Report No. 261-3F (PUBLISHED) FABRICS IN ASPHALT OVERLAYS-DESIGN, CONSTRUCTION AND SPECIFICATIONS  
Date November, 1984 Pages: 77  
Note:  
Author(s) JA EPPS; JW BUTTON

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Study No. 0-262                      Status: TERMINATED                      Title: SAFETY DEVICES FOR HIGHWAY WORK ZONES  
 Start 09/01/78 End 08/31/84  
 Comment:  
 Researcher(s) HE RDSS (TTI)

Report No. 262-1                      (PUBLISHED)                      DESIGN AND TESTS OF A PRECAST CONCRETE BARRIER FOR WORK ZONES  
 Date July, 1983                      Pages: 55  
 Note:  
 Author(s) HE ROSS; DL SICKING

Report No. 262-2                      (PUBLISHED)                      AN END TREATMENT FOR CONCRETE BARRIERS USED IN WORK ZONES  
 Date February, 1983                      Pages: 88                      NTIS PB83-207506  
 Note:  
 Author(s) HE ROSS; V WAGLE et al

Report No. 262-3                      (PUBLISHED)                      A PORTABLE TRAFFIC BARRIER FOR WORK ZONES  
 Date October, 1982                      Pages: 54                      NTIS PB83-207514  
 Note:  
 Author(s) DL SICKING; HE RDSS et al

Report No. 262-4                      (PUBLISHED)                      HIGH VISIBILITY GARMENTS FOR USE IN WORK ZONES  
 Date October, 1982                      Pages: 70  
 Note:  
 Author(s) RO BRACKETT; M STUART

Report No. 262-5                      (PUBLISHED)                      DEVELOPMENT OF A TRUCK-MOUNTED PORTABLE MAINTENANCE BARRIER  
 Date May, 1984                      Pages: 72  
 Note:  
 Author(s) WL BEASON; HE ROSS

Report No. 262-6F                      (PUBLISHED)                      DEVELOPMENT OF A SAFE END TREATMENT FOR W-BEAM-ON-BARRELS BARRIERS  
 Date November, 1984                      Pages: 57  
 Note:  
 Author(s) DL SICKING; HE ROSS et al

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Study No. 0-263                      Status: TERMINATED                      Title: TRAFFIC MANAGEMENT DURING FREEWAY RECONSTRUCTION AND IN RURAL WORK ZONES  
 Start 09/01/78 End 08/31/81  
 Comment:  
 Researcher(s) SH RICHARDS (TTI)

Report No. 263-1                      (PUBLISHED)                      MAINTENANCE AND CONSTRUCTION ZONE: ANNOTATED BIBLIOGRAPHY (228-1)  
 Date March, 1980                      Pages: 49                      NTIS PB81-185886  
 Note:  
 Author(s) SH RICHARDS; CL DUDEK et al

Report No. 263-2                      (PUBLISHED)                      FEASIBILITY OF CHANGEABLE MESSAGE SIGNS AND HIGHWAY ADVISORY RADIO FOR FREEWAY MAINTENANCE  
 Date July, 1981                      Pages: 27                      NTIS PB82-172966  
 Note:  
 Author(s) CL DUDEK; SH RICHARDS et al

Report No. 263-3                      (PUBLISHED)                      AN EVALUATION OF WORK ZONE TRAFFIC ACCIDENTS OCCURRING ON TEXAS HIGHWAYS IN 1977  
 Date July, 1981                      Pages: 27                      NTIS PB82-190794  
 Note:  
 Author(s) SH RICHARDS; M FAULKNER

Report No. 263-4 (PUBLISHED) TRAFFIC CONTROL AT THE I-10 RECONSTRUCTION WORK ZONE IN  
 Date August, 1981 Pages: 28 NTIS PB82-192774 CHAMBERS COUNTY, TEXAS  
 Note:  
 Author(s) SH RICHARDS; M FAULKNER

Report No. 263-5 (PUBLISHED) A REVIEW OF WORK ZONE SAFETY PROGRAMS IN SELECTED STATES  
 Date August, 1981 Pages: 56 NTIS PB83-219063  
 Note:  
 Author(s) M FAULKNER; SH RICHARDS

Report No. 263-6 (NOT PUBLISHED) HANDLING TRAFFIC AT WORK ZONES ON RURAL HIGHWAYS  
 Date August, 1981 Pages: 35  
 Note:  
 Author(s) M FAULKNER; SH RICHARDS

Report No. 263-7F (PUBLISHED) TRAFFIC MANAGEMENT DURING FREEWAY RECONSTRUCTION AND IN  
 Date October, 1982 Pages: 48 NTIS PB83-219063 RURAL WORK ZONES  
 Note:  
 Author(s) SH RICHARDS; M FAULKNER et al

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Study No. 0-264 Status: TERMINATED Title: CRASH TESTING SIGN AND DELINEATOR POSTS  
 Start 07/18/78 End 08/31/78  
 Comment:  
 Researcher(s) HE ROSS (TTI)

Report No. 264-1F (PUBLISHED) IMPACT BEHAVIOR OF THIN-WALL STEEL TUBE SIGN POSTS AND  
 Date November, 1978 Pages: 90 NTIS PB297358 DELINEATOR POST  
 Note:  
 Author(s) HE ROSS; KC WALKER

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Study No. 0-265 Status: TERMINATED Title: OPERATIONAL EFFECTS OF DRIVING ON PAVED SHOULDERS  
 Start 11/20/78 End 08/31/80  
 Comment:  
 Researcher(s) DB FAMBRO (TTI)

Report No. 265-1 (PUBLISHED) OPERATIONAL AND SAFETY EFFECTS OF DRIVING ON PAVED  
 Date September, 1982 Pages: 22 NTIS PB83-254151 SHOULDERS IN TEXAS--EXECUTIVE SUMMARY  
 Note:  
 Author(s) DB FAMBRO

Report No. 265-2F (PUBLISHED) OPERATIONAL AND SAFETY EFFECTS OF DRIVING ON PAVED  
 Date January, 1981 Pages: 219 NTIS PB82-142308 SHOULDERS IN TEXAS  
 Note:  
 Author(s) DB FAMBRO; DS TURNER et al

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Study No. 0-266 Status: TERMINATED Title: BRIDGE SLAB CONCRETE PLACED ADJACENT TO MOVING LIVE LOADS  
 Start 03/07/79 End 08/31/80  
 Comment:  
 Researcher(s) HL FURR (TTI)

Report No. 266-1F (PUBLISHED) BRIDGE SLAB CONCRETE PLACED ADJACENT TO MOVING LIVE LOADS  
 Date January, 1981 Pages: 144 NTIS PB81-200065  
 Note:  
 Author(s) HL FURR; FH FOUAD

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Study No. 0-267      Status: TERMINATED      Title: LOCATION OF MARGINAL FLEXIBLE BASE SOURCES  
Start 09/01/78 End 08/31/82  
Comment:  
Researcher(s) RL LYTTON (TTI)

Report No. 267-M      (NOT PUBLISHED)      MANUAL FOR LOCATING AGGREGATE  
Date January, 1983      Pages: 109  
Note:  
Author(s) RL LYTTON

Report No. 267-1F      (PUBLISHED)      EXPLORATION MANUAL FOR AGGREGATES, TEXAS NE GULF COAST  
Date January, 1983      Pages: 97      NTIS PB6 164399/AS  
Note:  
Author(s) CC MATHEWSON; RL LYTTON et al

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Study No. 0-268      Status: TERMINATED      Title: TRANSPORTATION COST AND RESOURCES  
Start 10/27/78 End 08/31/84  
Comment:  
Researcher(s) WF MCFARLAND (TTI)

Report No. 268-1      (PUBLISHED)      FORECASTS OF PASSENGER AND FREIGHT TRANSPORTATION  
Date August, 1979      Pages:      EXPENDITURES IN TEXAS  
Note:  
Author(s) SR HOLMES

Report No. 268-2      (PUBLISHED)      FORECASTS OF PASSENGER AND FREIGHT TRANSPORTATION  
Date August, 1984      Pages: 32      NTIS PB85-219103AS      EXPENDITURES IN TEXAS  
Note:  
Author(s) CB CALABRESE

Report No. 268-3F      (PUBLISHED)      TEXAS POPULATION PROJECTIONS: 1985-2005  
Date August, 1984      Pages: 76  
Note:  
Author(s) MK CHUI

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Study No. 0-269      Status: TERMINATED      Title: ON-BOARD VEHICLE TRAFFIC PARAMETER RECORDING SYSTEM  
Start 04/20/79 End 08/31/80  
Comment:  
Researcher(s) CW BLUMENTRITT (TTI)

Report No. 269-1F      (PUBLISHED)      TRAVEL INFORMATION DATA ACQUISITION SYSTEM USERS MANUAL  
Date March, 1981      Pages: 87  
Note:  
Author(s) RG BIGGS

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Study No. 0-270      Status: TERMINATED      Title: EVALUATION OF MATERIALS FOR SHOULDER-MOUNTED SIGNS AND SIGN  
Start 09/01/79 End 08/31/83      MAINTENANCE MANAGEMENT  
Comment:  
Researcher(s) JG RASKA (D-9)

Report No. 270-1      (PUBLISHED)      EVALUATION OF MATERIALS FOR SHOULDER-MOUNTED SIGNS AND SIGN  
Date August, 1983      Pages: 39      MAINTENANCE MANAGEMENT  
Note:  
Author(s) JG RASKA; HD JONES

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Study No. 0-271          Status: TERMINATED          Title: EQUIPMENT FOR SPEED REDUCTION IN RURAL COMMUNITIES  
Start 09/01/78 End 08/31/81  
Comment:  
Researcher(s) JP UNDERWOOD (D-10)

Report No. 271-1F          (PUBLISHED)          SPEED REDUCTION IN RURAL COMMUNITIES  
Date April, 1983          Pages: 8  
Note:  
Author(s)

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Study No. 0-272          Status: TERMINATED          Title: HEATING ON ASPHALT TANK USING PASSIVE SOLAR METHODS  
Start 09/01/80 End 08/31/84  
Comment:  
Researcher(s) KD HANKINS (D-10)

Report No. 272-1F          (PUBLISHED)          HEATING ASPHALT WITH A PASSIVE SOLAR UNIT  
Date August, 1984          Pages: 89  
Note:  
Author(s) KD HANKINS; B MONTIETH

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Study No. 0-273          Status: TERMINATED          Title: DETERMINING VIBRATIONAL FORCES EXPERIENCED BY HIGH-PRESSURE  
Start 09/01/80 End 08/31/83          SODIUM VAPOR LAMPS IN ROADWAY LUMINAIRES  
Comment:  
Researcher(s) HD JONES (DS-12)

Report No. 273-1F Vol. 1          (PUBLISHED)          DETERMINING VIBRATIONAL FORCES EXPERIENCED BY HIGH  
Date August, 1988          Pages: 27          PRESSURE SODIUM VAPOR LAMPS IN ROADWAY LUMINAIRES  
Note:  
Author(s)

Report No. 273-1F Vol. 2          (PUBLISHED)          DETERMINING VIBRATIONAL FORCES EXPERIENCED BY HIGH  
Date August, 1988          Pages: 222          PRESSURE SODIUM VAPOR LAMPS IN ROADWAY LUMINAIRES  
Note:  
Author(s) HD JONES; JG RASKA et al

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Study No. 0-274          Status: TERMINATED          Title: RESEARCH FIELD TEST SUPPORT  
Start / / End / /  
Comment:  
Researcher(s)

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Study No. 0-275          Status: ACTIVE          Title: TECHNOLOGY TRANSFER PROGRAMS AND OPERATIONS  
Start 09/01/83 End / /  
Comment:  
Researcher(s) L SMITH (D-10)

Report No. 275-1F          (NOT PUBLISHED)          THE TECHNOLOGY TRANSFER SYSTEM  
Date October, 1985          Pages: 99  
Note:  
Author(s) A ACUFF; L CLIFTON et al

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Study No. 0-276          Status: TERMINATED          Title: EVALUATION OF GUIDE SIGN CONSTRUCTION MATERIALS  
Start 09/01/83 End 08/31/85  
Comment:  
Researcher(s) JG RASKA (D-9)

Report No. 276-1F (PUBLISHED) EVALUATION OF GUIDE SIGN CONSTRUCTION MATERIALS  
Date February, 1987 Pages: 98  
Note:  
Author(s) HD JONES; JG RASKA

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Study No. 0-277 Status: TERMINATED Title: FUNCTIONAL CHARACTERISTICS OF GUIDE SIGNS  
Start 09/01/83 End 08/31/86  
Comment:  
Researcher(s) HD JONES (DS-12)

Report No. 277-1 (PUBLISHED) LIGHTING OF GUIDE SIGNS - LEGIBILITY STUDY  
Date August, 1988 Pages: 101  
Note:  
Author(s) HD JONES; RW MCNEES et al

Report No. 277-2F (NOT PUBLISHED) TARGET VALUE STUDY, SIGN LIGHTING GUIDELINES AND EXECUTIVE SUMMARY  
Date August, 1988 Pages: 101  
Note:  
Author(s) HD JONES; RW MCNEES

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Study No. 0-278 Status: TERMINATED Title: SURVEY OF CITY AND COUNTY STREET REHABILITATION NEEDS-HB89-68TH LEGISLATURE  
Start 10/18/84 End 08/31/85  
Comment:  
Researcher(s) KD HANKINS (D-10)

Report No. 278-1F (PUBLISHED) THE CONDITION OF COUNTY ROADS AND CITY STREETS  
Date November, 1984 Pages:  
Note:  
Author(s) KD HANKINS

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Study No. 0-279 Status: TERMINATED Title: DEVELOPMENT AND EVALUATION OF A LOW-COST PROFILOMETER AND ROUGHNESS MEASURING UNIT  
Start 09/01/79 End 08/31/81  
Comment:  
Researcher(s) RS WALKER (UTA)

Report No. 279-1 (PUBLISHED) A SELF-CALIBRATING, ROUGHNESS-MEASURING PROCESS  
Date August, 1982 Pages: 39 NTIS PB85174605MAS  
Note:  
Author(s) RS WALKER

Report No. 279-2F (PUBLISHED) DESIGN ENHANCEMENT OF A LOW-COST ROUGHNESS-MEASURING DEVICE  
Date January, 1983 Pages: 62  
Note: MCCLELLAND ENGR  
Author(s) LV BABB

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Study No. 0-280 Status: TERMINATED Title: SAFE END TREATMENTS FOR ROADSIDE CULVERTS  
Start 04/06/79 End 08/31/80  
Comment:  
Researcher(s) HE ROSS (TTI)

Report No. 280-1 (PUBLISHED) SAFETY TREATMENT OF ROADSIDE CROSS-DRAINAGE STRUCTURES  
Date March, 1981 Pages: 95  
Note:  
Author(s) HE ROSS; TJ HIRSCH et al

Report No. 280-2F (PUBLISHED) SAFETY TREATMENT OF ROADSIDE PARALLEL-DRAINAGE STRUCTURES  
Date May, 1982 Pages: 162 NTIS PB-83-172-684  
Note:  
Author(s) HE ROSS; TJ HIRSCH et al

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Study No. 0-281 Status: TERMINATED Title: DEVELOPMENT OF A FREEWAY CORRIDOR EVALUATION SYSTEM-PASSER  
Start 09/01/79 End 08/31/82 IV  
Comment:  
Researcher(s) CJ MESSER (TTI)

Report No. 281-1 (PUBLISHED) PASSER IV QUICK RESPONSE PROCEDURES  
Date January, 1986 Pages: 55  
Note:  
Author(s) WD CUNAGIN

Report No. 281-2F (PUBLISHED) DEVELOPMENT OF A FREEWAY CORRIDOR EVALUATION  
Date August, 1986 Pages: 85 SYSTEM-PASSER IV  
Note:  
Author(s) WD CUNAGIN; DW BORCHARDT et al

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Study No. 0-282 Status: TERMINATED Title: DEVELOPMENT OF TRAFFIC INFORMATION FOR ESTIMATION OF MOBILE  
Start 04/21/80 End 09/01/82 SOURCE EMISSIONS FOR AIR QUALITY MONITORING  
Comment:  
Researcher(s) GB DRESSER (TTI)

Report No. 282-1 (PUBLISHED) THE DEVELOPMENT OF TRAFFIC INFORMATION FOR ESTIMATION OF  
Date January, 1981 Pages: 137 NTIS PB85232536/AS MOBILE SOURCE EMISSIONS FOR AIR QUALITY MONITORING -  
Note: VOLUME I - ANNOTATED BIBLIOGRAPHY  
Author(s) GB DRESSER; AM HORTON

Report No. 282-2F (PUBLISHED) THE DEVELOPMENT OF TRAFFIC INFORMATION FOR ESTIMATION OF  
Date December, 1985 Pages: 101 NTIS PB87-163457AS MOBILE SOURCE EMISSIONS FOR AIR QUALITY MODELING VOLUME II  
Note: IMPACT: USER'S GUIDE  
Author(s) GB DRESSER; CE BELL

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Study No. 0-283 Status: TERMINATED Title: VEHICLE EMISSIONS FROM ROADWAYS  
Start 03/01/80 End 08/31/82  
Comment:  
Researcher(s) JA BULLIN (TTI)

Report No. 283-1 (PUBLISHED) TXLINE-A COMPUTER MODEL FOR ESTIMATING POLLUTANT  
Date March, 1983 Pages: 221 NTIS PB84-171669 CONCENTRATIONS DOWNWIND OF A ROADWAY  
Note:  
Author(s) JA BULLIN; JB RODDEN et al

Report No. 283-2 (PUBLISHED) USER'S GUIDE TO THE TEXIN2 MODEL - A MODEL FOR PREDICTING  
Date August, 1986 Pages: 229 NTIS PB87-190567AS CARBON MONOXIDE CONCENTRATIONS NEAR INTERSECTIONS  
Note:  
Author(s) JA BULLIN; JJ KORPICS et al

Report No. 283-3F (PUBLISHED) MODELING AND MEASUREMENT OF VEHICLE EMISSIONS FROM  
Date August, 1986 Pages: 362 NTIS PB88-116546AS ROADWAYS, VOLUME I  
Note:  
Author(s) JA BULLIN; MW HLAVINKA et al

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Study No. 0-284      Status: TERMINATED      Title: FLEXIBLE PAVEMENT DATA BASE AND DESIGN  
Start 09/01/79 End 08/31/84  
Comment:  
Researcher(s) RL LYTTON (TTI)

Report No. 284-1      (NOT PUBLISHED)      AN INVESTIGATION OF VEHICLE SPEED AND PAVEMENT ROUGHNESS  
Date September, 1979 Pages: 93      RELATIONSHIPS FOR TEXAS HIGHWAYS  
Note:  
Author(s) NF RHODES; JP MAHONEY et al

Report No. 284-2      (PUBLISHED)      PAVEMENT ROUGHNESS OF EXPANSIVE CLAYS  
Date January, 1981 Pages: 228  
Note:  
Author(s) MD VELASCO; RL LYTTON

Report No. 284-3      (PUBLISHED)      LAYER EQUIVALENCY FACTORS AND DEFORMATION CHARACTERISTICS  
Date January, 1982 Pages: 148      OF FLEXIBLE PAVEMENTS  
Note:  
Author(s) JT HUNG; JL BRIAUD et al

Report No. 284-4      (PUBLISHED)      DESIGN OF ASPHALT PAVEMENTS FOR THERMAL FATIGUE CRACKING  
Date January, 1983 Pages: 276  
Note:  
Author(s) RL LYTTON; U SHANMUGHAM et al

Report No. 284-5      (PUBLISHED)      DEVELOPMENT OF PERFORMANCE EQUATIONS AND SURVIVOR CURVES FOR  
Date March, 1984 Pages: 169      FLEXIBLE PAVEMENTS  
Note:  
Author(s) A GARCIA-DIAZ; M RIGGINS et al

Report No. 284-3A      (PUBLISHED)      LAYER EQUIVALENCY FACTORS AND DEFORMATION CHARACTERISTICS  
Date January, 1982 Pages: 282      OF FLEXIBLE PAVEMENTS TEST DATA  
Note:  
Author(s) JT HUNG; JL BEAIRD et al

Report No. 284-6F      (PUBLISHED)      LOAD RATING OF LIGHT PAVEMENT STRUCTURES  
Date December, 1983 Pages: 134  
Note:  
Author(s) KM CHUA; RL LYTTON

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Study No. 0-285      Status: TERMINATED      Title: ASPHALT CONCRETE MIXTURE DESIGN AND SPECIFICATION  
Start 09/01/79 End 08/31/84  
Comment:  
Researcher(s) BM GALLAWAY (TTI)

Report No. 285-1      (PUBLISHED)      HOT-MIX PAVEMENT STABILITY PERFORMANCE VERSUS LABORATORY  
Date March, 1984 Pages: 234      NTIS PB86 168275AS      TEST RESULTS  
Note:  
Author(s) FC BENSON; DF MARTINEZ et al

Report No. 285-2      (PUBLISHED)      EVALUATION OF AGGREGATE SIEVING METHODS FOR HOT-MIX  
Date April, 1984 Pages: 79      NTIS PB86 165107AS      ASPHALTIC CONCRETE DESIGN AND PRODUCTION  
Note:  
Author(s) FC BENSON; TD ELLIS et al



Report No. 285-3	(PUBLISHED)	EVALUATION OF SEVERAL MINERAL FILLERS FOR USE IN ITEM 340
Date May, 1984	Pages: 79	NTIS P885227858/AS HOT-MIX ASPHALTIC CONCRETE
Note:		
Author(s) FC BENSON; DF MARTINEZ		
Report No. 285-4	(PUBLISHED)	STATISTICAL QUALITY CONTROL EVALUATION OF DRYER-DRUM
Date August, 1984	Pages: 79	HOT-MIX ASPHALTIC CONCRETE PRODUCTION ON A DISTRICT 3
Note:		HOT-MIX PAVING PROJECT
Author(s) FC BENSON; CK ADAMS		
Report No. 285-5F	(PUBLISHED)	RECOMMENDED CHANGES TO ITEM 340 OF THE 1982 STANDARD
Date March, 1984	Pages: 155	NTIS PB86 167848AS SPECIFICATIONS
Note:		
Author(s) A GARCIA-DIAZ; M RIGGINS et al		

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Study No. 0-286            Status: TERMINATED            Title: ECONOMIC SKID RESISTANT ASPHALT SURFACES  
Start 09/01/79   End 08/31/84  
Comment:  
Researcher(s) DN LITTLE (TTI)

Report No. 286-1	(NOT PUBLISHED)	CONSIDERATIONS FOR SELECTION OF DATA FOR EVALUATING
Date July, 1985	Pages: 52	PAVEMENT SKID RESISTANCE
Note:		
Author(s) FC BENSON		

Report No. 286-2	(NOT PUBLISHED)	TECHNIQUES FOR ANALYSIS OF SKID RESISTANCE DATA
Date April, 1984	Pages: 97	
Note:		
Author(s) M VON TRESS; PM GHANDI et al		

Report No. 286-3	(NOT PUBLISHED)	ANALYSIS OF FIELD SKID RESISTANCE PERFORMANCE OF DIFFERENT
Date February, 1984	Pages: 124	AGGREGATES FROM DISTRICT 15
Note:		
Author(s) FC BENSON; PM GHANDI et al		

Report No. 286-4F	(NOT PUBLISHED)	DESIGN OF SKID-RESISTANT ASPHALT PAVEMENTS
Date June, 1984	Pages: 68	
Note:		
Author(s) PM GHANDI; FC BENSON		

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Study No. 0-287            Status: TERMINATED            Title: DESIRABLE ASPHALT PROPERTIES  
Start 09/01/79   End 08/31/85  
Comment:  
Researcher(s) JA EPPS (TTI)

Report No. 287-1	(PUBLISHED)	DEVELOPMENTAL WORK ON A TEST PROCEDURE TO IDENTIFY
Date June, 1982	Pages: 51	WATER-SUSCEPTIBLE ASPHALT MIXTURES
Note:		
Author(s) JW BUTTON; R RINCON-VALDEZ et al		

Report No. 287-2	(PUBLISHED)	EVALUATION OF ASPHALT-RUBBER MEMBRANE FIELD PERFORMANCE
Date May, 1982	Pages: 221	
Note:		
Author(s) S SHULER; BM GALLAWAY et al		

Report No. 287-3 (PUBLISHED) ASPHALT CONCRETE FACTORS RELATED TO PAVEMENTS CRACKING IN  
Date March, 1983 Pages: 69 NTIS P885-104628 WEST TEXAS  
Note:  
Author(s) KO ANDERSON; JA EPPS

Report No. 287-4F (PUBLISHED) ASPHALT PROPERTIES AND PAVEMENT PERFORMANCE  
Date August, 1986 Pages: 269 NTIS P887-202834AS  
Note:  
Author(s) CK ADAMS; RJ HOLMGREEN

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Study No. 0-288 Status: TERMINATED Title: FREEWAY RAMP AND FRONTAGE ROAD OPERATION  
Start 05/15/80 End 08/31/82  
Comment:  
Researcher(s) SH RICHARDS (TTI)

Report No. 288-1 (PUBLISHED) AN EVALUATION OF THE 1979 LAW (V.C.S., SEC.73A) WHICH  
Date March, 1981 Pages: 20 NTIS P881-241390 REQUIRES FRONTAGE ROAD TRAFFIC TO YIELD TO RAMP TRAFFIC  
Note:  
Author(s) WR STOCKTON; JA NORDSTORM et al

Report No. 288-2 (PUBLISHED) OPERATIONAL AND SAFETY ANALYSIS OF TWO-WAY AND ONE-WAY  
Date November, 1983 Pages: 118 NTIS P85174647/AS FRONTAGE ROADS  
Note:  
Author(s) DL WOODS; M CHANG et al

Report No. 288-3 (PUBLISHED) ACCIDENT ANALYSIS OF THE CONVERSION FROM TWO-WAY TO  
Date November, 1983 Pages: 15 NTIS P885174613/AS ONE-WAY FRONTAGE ROAD OPERATION  
Note:  
Author(s) DL WOODS; MS CHANG

Report No. 288-4F (PUBLISHED) FREEWAY FRONTAGE ROAD OPERATIONS AND SAFETY STUDY  
Date March, 1984 Pages: 38 NTIS P885174316/AS  
Note:  
Author(s) DL WOODS

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Study No. 0-289 Status: TERMINATED Title: STRATEGIC PLANNING METHODOLOGIES AND VARIABLES  
Start 09/01/81 End 08/31/82  
Comment:  
Researcher(s) D BURKE (TTI)

Report No. 289-1F (PUBLISHED) STRATEGIC PLANNING AND MANAGEMENT CONCEPTS: AN APPLICATION  
Date January, 1982 Pages: TO THE TEXAS SDHPT  
Note: UNPUBLISHED  
Author(s) E BRASWELL; D BURKE

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Study No. 0-290 Status: TERMINATED Title: DEVELOPING A FREEWAY DATA COLLECTION SYSTEM  
Start 09/01/80 End 08/31/83  
Comment:  
Researcher(s) WR MCCASLAND (TTI)

Report No. 290-1 (PUBLISHED) DESIGN CONSIDERATIONS FOR AN URBAN FREEWAY VEHICLE  
Date July, 1982 Pages: 41 DETECTION SYSTEM  
Note:  
Author(s) WR MCCASLAND

Report No. 290-2 (PUBLISHED) DATA REDUCTION SYSTEM UTILIZING GOLDEN RIVER COUNTING AND  
Date November, 1983 Pages: 61 NTIS PB85212181/AS RECORDING EQUIPMENT  
Note:  
Author(s) JY LEE; GP RITCH

Report No. 290-3 (PUBLISHED) TRAVEL INFORMATION DATA ACQUISITION SYSTEM (TRIDAQS)  
Date December, 1983 Pages: 107 NTIS PB85186013/AS REFERENCE MANUAL  
Note:  
Author(s) CW BLUMENTRITT

Report No. 290-4F (PUBLISHED) DEVELOPING A DATA COLLECTION SYSTEM FOR URBAN FREEWAY  
Date December, 1983 Pages: 43 NTIS PB5175024/AS  
Note:  
Author(s) WR MCCASLAND

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Study No. 0-291 Status: TERMINATED Title: AUTOMATIC VEHICLE IDENTIFICATION TECHNIQUES  
Start 09/01/80 End 08/31/81  
Comment:  
Researcher(s) CW BLUMENTRITT (TTI)

Report No. 291-1F (PUBLISHED) AUTOMATED VEHICLE IDENTIFICATION TECHNIQUES  
Date October, 1982 Pages: 76  
Note:  
Author(s) CW BLUMENTRITT

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Study No. 0-292 Status: TERMINATED Title: HANDLING TRAFFIC IN WORK ZONES  
Start 09/01/80 End 08/31/84  
Comment:  
Researcher(s) CL DUDEK (TTI)

Report No. 292-1 (PUBLISHED) A MODEL TO CALCULATE THE ROAD USER COSTS AT WORK ZONES  
Date September, 1982 Pages: 120  
Note:  
Author(s) JL MEMMOTT; CL DUDEK

Report No. 292-2 (PUBLISHED) CONTROLLING SPEEDS IN HIGHWAY WORK ZONES  
Date February, 1984 Pages: 92 NTIS PB85174258AS  
Note:  
Author(s) SH RICHARDS; RC WUNDERLICH et al

Report No. 292-3 (PUBLISHED) SELECTION OF WORK ZONE CHANNELIZING DEVICES USING THE VALUE  
Date January, 1984 Pages: 36 NTIS PB85193373/AS ENGINEERING APPROACH  
Note:  
Author(s) SH RICHARDS; CL DUDEK

Report No. 292-4 (PUBLISHED) PORTABLE CHANGEABLE MESSAGE SIGNS AT WORK ZONES  
Date July, 1984 Pages: 14 NTIS PB861062917AS  
Note:  
Author(s) CL DUDEK

Report No. 292-5 (PUBLISHED) OPERATIONAL GUIDELINES FOR FREEWAY CLOSURES  
Date August, 1984 Pages: 22  
Note:  
Author(s) RC WUNDERLICH; CL DUDEK

Report No. 292-6F (PUBLISHED) HANDLING TRAFFIC IN WORK ZONES  
Date August, 1984 Pages: 67 NTIS PB86-182185AS  
Note:  
Author(s) CL DUDEK; SH RICHARS et al

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Study No. 0-293 Status: TERMINATED Title: WARRANTS FOR INTERCONNECTION OF ISOLATED TRAFFIC SIGNALS  
Start 10/10/80 End 08/31/84  
Comment:  
Researcher(s) DB FAMBRO (TTI)

Report No. 293-1F (PUBLISHED) WARRANTS FOR INTERCONNECTION OF ISOLATED TRAFFIC SIGNALS  
Date August, 1986 Pages: 66 NTIS PB87-107553AS  
Note:  
Author(s) EC CHANG; CJ MESSER

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Study No. 0-294 Status: TERMINATED Title: DETERMINATION OF EARTH PRESSURES ON REINFORCED CONCRETE BOX  
Start 09/01/80 End 08/31/83 CULVERTS  
Comment:  
Researcher(s) HM COYLE (TTI)

Report No. 294-1 (PUBLISHED) BEHAVIOR OF ASTM C 850 CONCRETE BOX CULVERTS WITHOUT SHEAR  
Date May, 1983 Pages: 67 CONNECTORS  
Note:  
Author(s) RW JAMES

Report No. 294-2F (PUBLISHED) EARTH PRESSURES ON REINFORCED CONCRETE BOX CULVERTS  
Date February, 1984 Pages: 146 NTIS PB86-186525AS  
Note:  
Author(s) DE BROWN; RE BARTOSKEWITZ et al

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Study No. 0-295 Status: TERMINATED Title: BRIDGE DECK DESIGN FOR RAILING IMPACTS  
Start 09/01/80 End 08/31/83  
Comment:  
Researcher(s) TJ HIRSCH (TTI)

Report No. 295-1F (PUBLISHED) BRIDGE DECK DESIGNS FOR RAILING IMPACTS  
Date November, 1983 Pages: 57 NTIS PB86-154226AS  
Note:  
Author(s) A ARNOLD; TJ HIRSCH

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Study No. 0-296 Status: TERMINATED Title: SAFE END TREATMENT FOR CONCRETE MEDIAN BARRIER  
Start 09/01/80 End 08/31/81  
Comment:  
Researcher(s) HE ROSS (TTI)

Report No. 296-1F (PUBLISHED) A CRASH CUSHION FOR NARROW OBJECTS  
Date February, 1983 Pages: 54 NTIS PB83-220509  
Note:  
Author(s) DL SICKING; HE ROSS et al

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Study No. 0-297 Status: TERMINATED Title: IMPROVEMENTS IN HIGHWAY MATERIALS AND PAVEMENT SYSTEMS  
Start 05/21/81 End 08/31/84  
Comment:  
Researcher(s) JA EPPS (TTI)

Report No. 297-1F (PUBLISHED) FIELD EVALUATION OF THE TEXAS SEAL COAT DESIGN METHOD  
Date June, 1985 Pages: 166  
Note:  
Author(s) RJ HOLMGREEN; JA EPPS et al

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Study No. 0-298 Status: TERMINATED Title: COMPUTERIZED METHODS OF PROJECTING REHABILITATION AND  
Start 06/25/80 End 08/31/81 MAINTENANCE REQUIREMENTS DUE TO VEHICLE LOADINGS  
Comment:  
Researcher(s) A GARCIA-DIAZ (TTI)

Report No. 298-1 Vol. 01 (PUBLISHED) EVALUATION OF COMPUTER PROGRAMS NULOAD AND REHAB  
Date September, 1980 Pages: 104  
Note:  
Author(s)

Report No. 298-1 Vol. 02 (PUBLISHED) EVALUATION OF COMPUTER PROGRAMS NULOAD AND REHAB  
Date September, 1980 Pages: 131  
Note:  
Author(s)

Report No. 298-1 Vol. 03 (PUBLISHED) EVALUATION OF COMPUTER PROGRAMS NULOAD AND REHAB  
Date September, 1980 Pages: 144  
Note:  
Author(s)

Report No. 298-1 Vol. 04 (PUBLISHED) COMPUTERIZED METHOD OF PROJECTING REHABILITATION AND  
Date August, 1981 Pages: 271 MAINTENANCE REQUIREMENTS DUE TO VEHICLE LOADINGS  
Note:  
Author(s)

Report No. 298-1 Vol. 05 (PUBLISHED) COMPUTERIZED METHOD OF PROJECTING REHABILITATION AND  
Date December, 1989 Pages: 172 MAINTENANCE REQUIREMENTS DUE TO VEHICLE LOADINGS  
Note:  
Author(s)

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Study No. 0-299 Status: TERMINATED Title: THE EFFECTS OF OIL-FIELD DEVELOPMENT ON RURAL HIGHWAYS  
Start 02/18/81 End 08/31/84  
Comment:  
Researcher(s) JM MASON (TTI)

Report No. 299-1 (PUBLISHED) THE EFFECTS OF OIL FIELD DEVELOPMENT ON RURAL HIGHWAYS  
Date February, 1982 Pages: 81  
Note:  
Author(s) JM MASON; MJ METYKO et al

Report No. 299-2 (PUBLISHED) ESTIMATED SERVICE LIFE OF SURFACE-TREATED PAVEMENTS IN OIL  
Date July, 1983 Pages: 91 FIELD AREAS  
Note:  
Author(s) JM MASON; T SCULLION et al

Report No. 299-3 (PUBLISHED) METHODOLOGY FOR ASSESSING AND PREDICTING THE EFFECTS OF OIL  
Date March, 1983 Pages: 46 FIELD DEVELOPMENT  
Note:  
Author(s) JM MASON; D UNDERBRINK et al

Report No. 299-4 (PUBLISHED) STATEWIDE VARIABILITY IN OIL AND GAS DRILLING AND  
Date July, 1984 Pages: 60 PRODUCTION ACTIVITY  
Note:  
Author(s) JM MASON; BE STAMPLEY

Report No. 299-5 (PUBLISHED) OIL-FIELD DRILLING ACTIVITY DATA REDUCTION AND DENSITY MAP  
Date February, 1984 Pages: 210 PRODUCTION  
Note:  
Author(s) DA MAXWELL; BE STAMPLEY et al

Report No. 299-6F (PUBLISHED) THE EFFECTS OF OIL-FIELD DEVELOPMENT ON FLEXIBLE PAVEMENT  
Date August, 1984 Pages: 169 NETWORKS  
Note:  
Author(s) JM MASON; BE STAMPLEY et al

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Study No. 0-300 Status: TERMINATED Title: FATIGUE STRENGTH OF PRESTRESSED CONCRETE GIRDERS  
Start 09/01/79 End 08/31/82  
Comment:  
Researcher(s) JE BREEN (CTR)

Report No. 300-1 (PUBLISHED) A FATIGUE STUDY OF PRESTRESSING STRAND  
Date April, 1983 Pages: 108 NTIS PB85161407/AS  
Note:  
Author(s) C PAULSON; KH FRANK et al

Report No. 300-2F (PUBLISHED) FATIGUE BEHAVIOR OF PRETENSIONED CONCRETE GIRDERS  
Date November, 1984 Pages: 413 NTIS PB86-214350AS  
Note:  
Author(s) TR OVERMAN; JE BREEN et al

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Study No. 0-301 Status: TERMINATED Title: HYDRAULIC PERFORMANCE OF CULVERTS WITH SAFETY GRATES  
Start 09/01/79 End 08/31/81  
Comment:  
Researcher(s)

Report No. 301-1F (PUBLISHED) HYDRAULIC PERFORMANCE OF CULVERTS WITH SAFETY GRATES  
Date March, 1983 Pages: 342 NTIS PB83219626/AS  
Note:  
Author(s) LW MAYS; ME WALKER et al

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Study No. 0-302 Status: TERMINATED Title: AUTOMOBILE ACCIDENT RECONSTRUCTION BY DYNAMIC SIMULATION  
Start 09/01/79 End 08/31/81  
Comment:  
Researcher(s)

Report No. 302-1F (PUBLISHED) AUTOMOBILE ACCIDENT RECONSTRUCTION BY DYNAMIC SIMULATION  
Date May, 1983 Pages: 209  
Note:  
Author(s) WS REED

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Study No. 0-303 Status: TERMINATED Title: BEHAVIOR OF PRESTRESSED PANEL CAST-IN-PLACE CONCRETE BRIDGE  
Start 09/01/79 End 08/31/81 DECKS  
Comment:  
Researcher(s)

Report No. 303-1F (PUBLISHED) THE EFFECT OF TRANSVERSE STRAND EXTENSIONS ON THE BEHAVIOR  
Date January, 1982 Pages: 106 OF PRECAST, PRESTRESSED PANEL BRIDGES  
Note:  
Author(s) LA BIESCHKE; RE KLINGNER

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Study No. 0-304 Status: TERMINATED Title: QUALITY OF TRAFFIC SERVICE  
Start 09/01/79 End 08/31/83  
Comment:  
Researcher(s)

Report No. 304-1 (PUBLISHED) QUALITY OF TRAFFIC SERVICE  
Date November, 1982 Pages: 100  
Note:  
Author(s) S ARDEKANI; R HERMAN

Report No. 304-2F (PUBLISHED) CHARACTERIZING THE QUALITY OF TRAFFIC SERVICE IN URBAN  
Date November, 1984 Pages: 187 NTIS PB86110822/AS STREET NETWORKS  
Note:  
Author(s) R HERMAN; S ARDEKANI

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Study No. 0-305 Status: TERMINATED Title: STRENGTH OF ANCHOR BOLT GROUPS  
Start 08/19/80 End 08/31/83  
Comment:  
Researcher(s)

Report No. 305-1F (PUBLISHED) STRENGTH AND BEHAVIOR OF BOLT INSTALLATIONS ANCHORED IN  
Date November, 1984 Pages: 140 NTIS PB86-214400AS CONCRETE PIERS  
Note:  
Author(s) JO JIRSA; NT CICHY et al

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Study No. 0-306 Status: TERMINATED Title: DETERMINATION OF THE INFLUENCE OF LOW LEVEL STRESS RANGES ON  
Start 09/01/80 End 08/31/82 THE FATIGUE PERFORMANCE OF STEEL WELDMENTS  
Comment:  
Researcher(s)

Report No. 306-1 (PUBLISHED) FATIGUE BEHAVIOR OF WELDED JOINTS SUBJECTED TO VARIABLE  
Date June, 1983 Pages: 84 NTIS PB84-207620 AMPLITUDE STRESSES  
Note:  
Author(s) JM JOEHNK; KH FRANK et al

Report No. 306-2F (PUBLISHED) THE APPLICATION OF CUMULATIVE DAMAGE FATIGUE THEORY TO  
Date November, 1984 Pages: 217 NTIS PB87-228771AS HIGHWAY BRIDGE FATIGUE DESIGN  
Note:  
Author(s) KD SWENSON; KH FRANK

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Study No. 0-307 Status: TERMINATED Title: IMPLEMENTATION OF PAVEMENT MANAGEMENT SYSTEMS FOR TEXAS  
Start 11/13/80 End 08/31/85  
Comment:  
Researcher(s)

Report No. 307-1 (PUBLISHED) DEVELOPMENT OF AN INITIAL PAVEMENT MANAGEMENT SYSTEM FOR  
Date May, 1982 Pages: 128 TEXAS  
Note:  
Author(s) WR HUDSON; RD PEDIGO et al

Report No. 307-2 (PUBLISHED) DEVELOPMENT OF A PRIORITIZATION PROCEDURE FOR THE NETWORK  
 Date October, 1982 Pages: 105 LEVEL PAVEMENT MANAGEMENT SYSTEM  
 Note:  
 Author(s) EG FERNANDO; WR HUDSON

Report No. 307-3 (PUBLISHED) DEVELOPMENT OF A PROGRAM LEVEL PAVEMENT MANAGEMENT SYSTEM  
 Date December, 1984 Pages: 109 FOR TEXAS  
 Note:  
 Author(s) H LEE; WR HUDSON

Report No. 307-4F (PUBLISHED) DEVELOPMENT OF UNIFIED RANKING SYSTEMS FOR RIGID AND  
 Date November, 1985 Pages: 112 FLEXIBLE PAVEMENTS IN TEXAS  
 Note:  
 Author(s) H LEE; WR HUDSON et al

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Study No. 0-308 Status: TERMINATED Title: THE INFLUENCE OF CONSTRUCTION METHODS ON THE DESIGN OF  
 Start 09/01/81 End 08/31/83 DRILLED SHAFTS  
 Comment:  
 Researcher(s)

Report No. 308-1F (PUBLISHED) STUDY OF LATERAL PRESSURE OF FRESH CONCRETE AS RELATED TO  
 Date November, 1983 Pages: 144 THE DESIGN OF DRILLED SHAFTS  
 Note:  
 Author(s) JB BERNAL; LC REESE

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Study No. 0-309 Status: TERMINATED Title: AUTOMATIC TURNING MOVEMENT COUNT SYSTEM FOR SIGNALIZED  
 Start 09/01/81 End 08/31/84 INTERSECTIONS  
 Comment:  
 Researcher(s)

Report No. 309-1F (PUBLISHED) THE DESIGN OF AN AUTOMATED TRAFFIC COUNTING SYSTEM WITH  
 Date November, 1986 Pages: 114 NTIS PB91 108597 TURNING MOVEMENT FLOW ANALYSIS  
 Note:  
 Author(s) AM MECHLER; RB MACHEMEHL et al

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Study No. 0-310 Status: TERMINATED Title: LATERAL PLACEMENT OF TRUCK TRAFFIC IN HIGHWAY LANES  
 Start 09/01/80 End 08/31/82  
 Comment:  
 Researcher(s)

Report No. 310-1F (PUBLISHED) LATERAL PLACEMENT OF TRUCKS IN HIGHWAY LANES  
 Date November, 1983 Pages: 136  
 Note:  
 Author(s) CE LEE; PR SHANKAR et al

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Study No. 0-311 Status: TERMINATED Title: EVALUATION OF FAST-SETTING REPAIR MATERIALS FOR CONCRETE  
 Start 09/01/81 End 08/31/84 PAVEMENTS AND BRIDGES  
 Comment:  
 Researcher(s)

Report No. 311-1 (PUBLISHED) RESULTS OF A SURVEY ON THE USE OF RAPID SETTING REPAIR  
 Date December, 1982 Pages: 39 NTIS PB91-153254 MATERIALS  
 Note:  
 Author(s) DW FOWLER; GP BEER et al



Report No. 311-2 (PUBLISHED) LABORATORY TESTS ON SELECTED RAPID-SETTING REPAIR MATERIALS  
 Date February, 1984 Pages: 62 NTIS PB91-153221  
 Note:  
 Author(s) GP BEER; DW FOWLER et al

Report No. 311-3 (PUBLISHED) EVALUATION OF ACCELERATED CONCRETE AS A RAPID SETTING  
 Date April, 1984 Pages: 92 NTIS PB85197994/AS HIGHWAY REPAIR MATERIAL  
 Note:  
 Author(s) DS MACADAM; DW FOWLER et al

Report No. 311-4 (PUBLISHED) LABORATORY AND FIELD EVALUATION OF RAPID-SETTING MATERIALS  
 Date July, 1984 Pages: 94 NTIS PB852421137AS USED FOR REPAIR OF CONCRETE PAVEMENTS  
 Note:  
 Author(s) G SMITH; DW FOWLER et al

Report No. 311-5 (PUBLISHED) EVALUATION OF FIBER REINFORCED RAPID-SETTING MATERIALS FOR  
 Date November, 1984 Pages: 94 NTIS PB85236412/AS HIGHWAY REPAIR  
 Note:  
 Author(s) M TEMPLE; AH MEYER et al

Report No. 311-6 (PUBLISHED) LABORATORY EVALUATION OF MIXING METHODS FOR RAPID-SETTING  
 Date November, 1984 Pages: 41 NTIS PB86-214335AS REPAIR MATERIALS  
 Note:  
 Author(s) R BALLOU; DW FOWLER et al

Report No. 311-7F (PUBLISHED) IMPLEMENTATION MANUAL FOR THE USE OF RAPID SETTING  
 Date November, 1984 Pages: 37 CONCRETES  
 Note:  
 Author(s) M TEMPLE; AH MEYER et al

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Study No. 0-312 Status: TERMINATED Title: PROCEDURES FOR ESTIMATING PAVEMENT MAINTENANCE AND  
 Start 06/20/79 End 08/31/81 REHABILITATION REQUIREMENTS AND COSTS FROM PROJECTED VEHICLE  
 Comment: LOADS  
 Researcher(s)

Report No. 312-1 Vol. 1 (PUBLISHED) EVALUATION OF COMPUTER PROGRAMS NULOAD AND REHAB,  
 Date September, 1980 Pages: 104 EVALUATION PROCEDURE  
 Note:  
 Author(s) A GARCIA-DIAZ; RL LYTTON et al

Report No. 312-1 Vol. 2 (PUBLISHED) EVALUATION OF COMPUTER PROGRAMS NULOAD AND REHAB, REHAB  
 Date September, 1980 Pages: 131 COMPUTER PROGRAM  
 Note:  
 Author(s) A GARCIA-DIAZ; RL LYTTON et al

Report No. 312-1 Vol. 3 (PUBLISHED) EVALUATION OF COMPUTER PROGRAMS NULOAD AND REHAB, NULOAD  
 Date September, 1980 Pages: 144 COMPUTER PROGRAM  
 Note:  
 Author(s) A GARCIA-DIAZ; RL LYTTON et al

Report No. 312-1 Vol. 4 (PUBLISHED) COMPUTERIZED METHOD OF PROJECTING REHABILITATION AND  
 Date August, 1981 Pages: 271 MAINTENANCE REQUIREMENTS DUE TO VEHICLE LOADINGS  
 Note:  
 Author(s) A GARCIA-DIAZ; RL LYTTON et al

Report No. 312-1 Vol. 5 (PUBLISHED) COMPUTERIZED METHOD OF PROJECTING REHABILITATION AND  
Date August, 1981 Pages: 172 MAINTENANCE REQUIREMENTS DUE TO VEHICLE LOADING  
Note:  
Author(s) A GARCIA-DIAZ; RL LYTTON et al

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Study No. 0-313 Status: TERMINATED Title: INVESTIGATE DISTRESS OF RECYCLED AND OPERATIONAL ASPHALT  
Start 09/01/80 End 08/31/81 BASE MATERIAL AND SURFACES ON INTERSTATE 10, TEXAS  
Comment:  
Researcher(s)

Report No. 313-1 (PUBLISHED) INVESTIGATION OF PREMATURE DISTRESS IN CONVENTIONAL  
Date August, 1982 Pages: 66 ASPHALT MATERIALS ON IH-10 AT COLUMBUS, TEXAS  
Note:  
Author(s) TW KENNEDY; RB MCGENNIS et al

Report No. 313-2F (NOT PUBLISHED) INVESTIGATION OF PREMATURE FAILURE OF A RECYCLED ASPHALT  
Date December, 1982 Pages: 72 MIXTURE ON INTERSTATE 10 NEAR BEAUMONT, TEXAS  
Note:  
Author(s) TW KENNEDY; FL ROBERTS et al

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Study No. 0-314 Status: TERMINATED Title: MODIFICATION OF A HYDRODYNAMIC, FINITE-ELEMENT MODEL TO A  
Start 09/01/82 End 08/31/81 USER-ORIENTED PROGRAM FOR A TWO-DIMENSIONAL ANALYSIS OF  
Comment: BACKWATER AT BRIDGES  
Researcher(s)

Report No. 314-1 (PUBLISHED) FESWMS-TX TWO-DIMENSIONAL ANALYSIS OF BACKWATER AT BRIDGES:  
Date August, 1983 Pages: 206 NTIS PB85-215937AS USER'S GUIDE AND APPLICATIONS-PHASE I  
Note:  
Author(s) LW MAYS; CK TAUR

Report No. 314-2F (PUBLISHED) FESWMS-TX TWO-DIMENSIONAL ANALYSIS OF BACKWATER AT BRIDGES:  
Date November, 1984 Pages: 101 USER'S GUIDE AND APPLICATIONS-PHASE II  
Note:  
Author(s) LW MAYS; CK TAUR

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Study No. 0-315 Status: TERMINATED Title: PRODUCTION OF HIGH-STRENGTH CONCRETE  
Start 09/01/81 End 08/31/83  
Comment:  
Researcher(s)

Report No. 315-1F (PUBLISHED) PRODUCTION OF HIGH-STRENGTH CONCRETE  
Date October, 1983 Pages: 286 NTIS PB85186617/AS  
Note:  
Author(s) MB PETERMAN; RL CARRASQUILLO

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Study No. 0-316 Status: TERMINATED Title: APPLICATION OF TRANSVERSE PRESTRESSING TO BRIDGE DECKS  
Start 09/01/81 End 08/31/84  
Comment:  
Researcher(s)

Report No. 316-1 (PUBLISHED) DURABILITY OF PRESTRESSED BRIDGE DECKS  
Date July, 1985 Pages: 158 NTIS PB88-116637AS  
Note:  
Author(s) RW POSTON; RL CARRASQUILLO et al

Report No. 316-2 (PUBLISHED) STRUCTURAL EFFECTS OF TRANSVERSE PRESTRESSING IN BRIDGE  
Date July, 1985 Pages: 226 NTIS PB87-107835AS DECKS  
Note:  
Author(s) AR PHIPPS; RA ALMUSTAFA et al

Report No. 316-3F (PUBLISHED) DESIGN PROCEDURES FOR PRESTRESSED CONCRETE BRIDGE DECKS  
Date November, 1985 Pages: 183 NTIS PB87-113999AS  
Note:  
Author(s) AR PHIPPS; JE BREEN et al

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Study No. 0-317 Status: TERMINATED Title: FIELD COMPACTION OF ASPHALT MIXTURES  
Start 09/01/81 End 08/31/84  
Comment:  
Researcher(s)

Report No. 317-1 (PUBLISHED) COMPACTION OF ASPHALT MIXTURES AND THE USE OF VIBRATORY  
Date March, 1983 Pages: 45 NTIS PB85-103497 ROLLERS  
Note:  
Author(s) TW KENNEDY; FL ROBERTS et al

Report No. 317-2F (PUBLISHED) A SUMMARY OF THE FIELD COMPACTION OF ASPHALT MIXTURES IN  
Date November, 1986 Pages: 167 NTIS PB88-199179AS TEXAS  
Note:  
Author(s) TW KENNEDY; M TAHMORESSI et al

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Study No. 0-318 Status: TERMINATED Title: MIXTURE DESIGN FOR ACP OVERLAYS  
Start 09/01/81 End 08/31/82  
Comment:  
Researcher(s)

Report No. 318-1F (PUBLISHED) ASPHALT CONCRETE OVERLAY DESIGN CONSIDERATIONS  
Date August, 1983 Pages: 24 NTIS PB85137172  
Note:  
Author(s) FL ROBERTS; TW KENNEDY

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Study No. 0-319 Status: TERMINATED Title: EVALUATION OF SYNTHETIC FIBERS IN ASPHALT PAVEMENTS  
Start 09/01/82 End 08/31/84  
Comment:  
Researcher(s)

Report No. 319-1F (PUBLISHED) SYNTHETIC FIBERS IN ASPHALT PAVING MIXTURES  
Date November, 1984 Pages: 172  
Note:  
Author(s) JW BUTTON; TG HUNTER

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Study No. 0-320 Status: TERMINATED Title: FILM ON MULTI-AGENCY COOPERATION IN TRANSITWAY PROJECTS  
Start 09/01/83 End 08/31/84  
Comment:  
Researcher(s)

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Study No. 0-321 Status: TERMINATED Title: EVALUATION OF TRAFFIC CONTROL PLANS AT RECONSTRUCTION SITES  
Start 09/01/81 End 09/01/84  
Comment:  
Researcher(s)

Report No. 321-1 (PUBLISHED) CATALOG OF TRAFFIC CONTROL STRATEGIES AND DEVICES  
 Date August, 1984 Pages: 49 NTIS PB86-184009AS  
 Note:  
 Author(s) SH RICHARDS; CL DUDEK

Report No. 321-2 (NOT PUBLISHED) GUIDELINES FOR PREPARING WORK-ZONE TRAFFIC CONTROL PLANS  
 Date August, 1984 Pages: 27  
 Note: NOT TO BE RELEASED W/O APPROVAL  
 Author(s) SH RICHARDS; CL DUDEK

Report No. 321-3F (PUBLISHED) EVALUATION OF TRAFFIC CONTROL PLANS AT RECONSTRUCTION SITES  
 Date August, 1984 Pages: 94 NTIS PB86-185212AS  
 Note:  
 Author(s) CL DUDEK; SH RICHARDS

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Study No. 0-322 Status: TERMINATED Title: STUDY OF PROCEDURES RELATED TO EFFICIENCY OF RAISED  
 Start 02/10/82 End 08/31/84 REFLECTIVE PAVEMENT MARKER SYSTEMS  
 Comment:  
 Researcher(s) RW MCNEES (TEES)

Report No. 322-1 (PUBLISHED) STATE-OF-THE-ART AND OBJECTIVES OF REFLECTIVE RAISED  
 Date September, 1984 Pages: 215 NTIS PB87-134490AS PAVEMENT MARKERS  
 Note:  
 Author(s) RW MCNEES; JS NOEL

Report No. 322-2 (PUBLISHED) REFLECTIVITY RETENTION OF REFLECTIVE RAISED PAVEMENT  
 Date September, 1984 Pages: 133 NTIS PB87-134508AS MARKERS  
 Note:  
 Author(s) RW MCNEES; JS NOEL

Report No. 322-3 (PUBLISHED) RETENTION OF REFLECTIVE RAISED PAVEMENTS MARKERS  
 Date October, 1984 Pages: 155 NTIS PB87-134516AS  
 Note:  
 Author(s) JS NOEL; RW MCNEES

Report No. 322-4F (PUBLISHED) EXECUTIVE SUMMARY, SIGNIFICANT RESULTS, AND ASSORTED TESTS  
 Date October, 1984 Pages: 22 NTIS PB87-134524AS AND PROCEDURES FOR REFLECTIVE RAISED PAVEMENT MARKERS  
 Note:  
 Author(s) RW MCNEES; JS NOEL

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Study No. 0-323 Status: TERMINATED Title: METHODOLOGIES FOR PREDICTING LEVELS OF URBAN CONGESTION  
 Start 09/01/81 End 08/31/82  
 Comment:  
 Researcher(s)

Report No. 323-1F (PUBLISHED) ESTIMATES OF RELATIVE MOBILITY IN MAJOR TEXAS CITIES  
 Date August, 1982 Pages: 82  
 Note:  
 Author(s) TJ LOMAX; DL CHRISTIANSEN

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Study No. 0-324 Status: TERMINATED Title: RAPID BRIDGE DECK REPLACEMENT  
 Start 09/01/81 End 08/31/88  
 Comment:  
 Researcher(s) M BISWAS (TTI)

Report No. 324-1 (PUBLISHED) POSITIVE MOMENT TESTS FOR PRECAST CONCRETE PANEL-DECKED  
Date March, 1986 Pages: 191 NTIS PB88-156773AS COMPOSITE BRIDGES  
Note:  
Author(s) RA OSEGUEDA; JS NOEL

Report No. 324-2 (PUBLISHED) COMPOSITE ACTION OF PRECAST PANEL BRIDGE DECKS IN NEGATIVE  
Date March, 1986 Pages: 169 NTIS PB88-142641AS MOMENT REGIONS  
Note:  
Author(s) FE BONILLA; RW JAMES et al

Report No. 324-3 (PUBLISHED) REPETITIVE LOAD TEST ON COMPOSITE PRECAST CONCRETE DECKED  
Date April, 1986 Pages: 103 NTIS PB87-187951AS BRIDGES  
Note:  
Author(s) FA OSEGUEDA; JS NOEL

Report No. 324-5F (PUBLISHED) RAPID BRIDGE DECK REPLACEMENT: A FIELD DEMONSTRATION AND  
Date May, 1988 Pages: 64 LOAD TEST  
Note:  
Author(s) FA OSEGUEDA; JS NOEL

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Study No. 0-325 Status: TERMINATED Title: ESTIMATING REMAINING SERVICE LIFE OF FLEXIBLE PAVEMENTS  
Start 09/01/81 End 09/01/82  
Comment:  
Researcher(s)

Report No. 325-1F (PUBLISHED) ESTIMATING THE REMAINING SERVICE LIFE OF FLEXIBLE PAVEMENTS  
Date January, 1984 Pages: 187  
Note:  
Author(s) A GARCIA-DIAZ; JT ALLISON

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Study No. 0-326 Status: TERMINATED Title: BEHAVIOR OF REINFORCED CONCRETE BOX CULVERTS UNDER BACKFILL  
Start 05/05/82 End 08/31/83 AND TRAFFIC LOADS  
Comment:  
Researcher(s)

Report No. 326-1 (PUBLISHED) PRELIMINARY ANALYSIS OF THE BEHAVIOR OF REINFORCED CONCRETE  
Date September, 1982 Pages: 157 BOX CULVERTS  
Note:  
Author(s) MP GARDNER; JK JEYAPALAN

Report No. 326-2F (PUBLISHED) THE BEHAVIOR OF REINFORCED CONCRETE BOX CULVERTS UNDER  
Date September, 1983 Pages: 161 NTIS PB86 211810AS SYMMETRICAL AND UNSYMMETRICAL LIVE LOADS  
Note:  
Author(s) MP GARDNER; JK JEYAPALAN

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Study No. 0-327 Status: TERMINATED Title: A DELAY-BASED METHOD OF HIGHWAY PROJECT EVALUATION  
Start 07/08/82 End 08/31/83  
Comment:  
Researcher(s)

Report No. 327-1 (PUBLISHED) A MODEL TO CALCULATE DELAY SAVINGS FOR HIGHWAY IMPROVEMENT  
Date October, 1983 Pages: 109 NTIS PB84-229087  
Note:  
Author(s) JL MEMMOTT; JL BUFFINGTON

Report No. 327-2F (PUBLISHED) SPEED/VOLUME RELATIONSHIPS ON TEXAS HIGHWAYS  
Date October, 1983 Pages: 55 NTIS PB85147288/AS  
Note:  
Author(s) T URBANIK

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Study No. 0-328 Status: TERMINATED Title: PAVEMENT EDGES, ROADWAY DISCONTINUITIES, AND VEHICLE STABILITY  
Start 07/01/81 End 08/31/83  
Comment:  
Researcher(s)

Report No. 328-1 (PUBLISHED) PAVEMENT EDGES AND VEHICLE STABILITY - A BASIS FOR MAINTENANCE GUIDELINES  
Date September, 1982 Pages: 48  
Note:  
Author(s) RA ZIMMER; DL IVEY

Report No. 328-2F (PUBLISHED) THE INFLUENCE OF ROADWAY SURFACE HOLES ON THE POTENTIAL FOR VEHICLE LOSS OF CONTROL  
Date August, 1983 Pages: 35  
Note:  
Author(s) RA ZIMMER; DL IVEY

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Study No. 0-329 Status: TERMINATED Title: ANALYSIS AND DESIGN OF TRANSPORTATION NETWORK DATA BASE  
Start 09/01/81 End 09/01/83  
Comment:  
Researcher(s)

Report No. 329-1F (PUBLISHED) ANALYSIS OF A TRANSPORTATION NETWORK DATA BASE  
Date August, 1982 Pages: 34  
Note:  
Author(s) BA HILGER

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Study No. 0-330 Status: TERMINATED Title: PROTECTION OF PERSONNEL IN MAINTENANCE AND CONSTRUCTION ZONES  
Start 09/01/83 End 08/31/84  
Comment:  
Researcher(s)

Report No. 330-1F (PUBLISHED) PROTECTION OF PERSONNEL IN MAINTENANCE AND CONSTRUCTION ZONES  
Date August, 1984 Pages: 50  
Note:  
Author(s) RQ BRACKETT; M STUART et al

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Study No. 0-331 Status: TERMINATED Title: STUDY OF TRUCK LANE NEEDS  
Start 09/01/83 End 08/31/85  
Comment:  
Researcher(s)

Report No. 331-1 (PUBLISHED) GEOMETRIC DESIGN CONSIDERATIONS FOR SEPARATE TRUCK LANES  
Date October, 1985 Pages: 78 NTIS PB86-225877AS  
Note:  
Author(s) JM MASON; RC BRIGGS et al

Report No. 331-2 (NOT PUBLISHED) TRUCK ACCIDENTS, PAVEMENT CONDITIONS, AND TRUCK LANE NEEDS: A CASE STUDY  
Date December, 1985 Pages: 56  
Note:  
Author(s) D BURKE; T CHAVALA et al

Report No. 331-3F (PUBLISHED) OPERATIONAL GEOMETRIC EVALUATION OF EXCLUSIVE TRUCK LANES  
Date December, 1985 Pages: 161 NTIS PB86-225240AS  
Note:  
Author(s) JM MASON; DR MIDDLETON et al

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Study No. 0-332 Status: TERMINATED Title: ANALYSIS OF TRUCK USE AND HIGHWAY COST ALLOCATION IN TEXAS  
Start 09/01/82 End 08/31/84  
Comment: SEE PROJ. 0-362  
Researcher(s)

Report No. 332-1 (PUBLISHED) ANALYSIS OF TRUCK USE AND HIGHWAY COST ALLOCATION IN TEXAS  
Date June, 1985 Pages: 176  
Note:  
Author(s) A GARCIA-DIAZ; D BURKE et al

Report No. 332-2F (NOT PUBLISHED) TEXAS HIGHWAY COST ALLOCATION  
Date November, 1985 Pages: 257 (CANNOT BE DISTRIBUTED WITHOUT ADMINISTRATION'S APPROVAL)  
Note:  
Author(s) A GARCIA-DIAZ; A VILLARREAL et al

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Study No. 0-333 Status: TERMINATED Title: SMALL CAR INTERACTIONS WITH HIGHWAY BARRIERS  
Start 09/01/83 End 08/31/84  
Comment:  
Researcher(s)

Report No. 333-1F Vol. 1 (PUBLISHED) SMALL CAR INTERACTIONS WITH ROADSIDE BARRIERS -  
Date March, 1986 Pages: 66 NTIS PB86-245461AS ENGINEERING EVALUATION VOLUME I  
Note:  
Author(s) DL WOODS

Report No. 333-1F Vol. 2 (PUBLISHED) SMALL CAR INTERACTIONS WITH ROADSIDE BARRIERS -  
Date March, 1986 Pages: 66 NTIS PB86-245461AS EVALUATION VOLUME II  
Note:  
Author(s) O PENLETON; M VON TRESS et al

Report No. 333-1F Vol. 1 (PUBLISHED) SMALL CAR INTERACTIONS WITH ROADSIDE BARRIERS  
Date March, 1986 Pages: 66 NTIS PB86-245461AS  
Note:  
Author(s)

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Study No. 0-334 Status: TERMINATED Title: SPEED ZONING AND CONTROL  
Start 09/01/83 End 08/31/86  
Comment:  
Researcher(s)

Report No. 334-1 (PUBLISHED) SPEED ZONING ON TEXAS HIGHWAYS  
Date January, 1986 Pages:  
Note: PAMPHLET  
Author(s)

Report No. 334-2F (PUBLISHED) SPEED ZONING AND CONTROL  
Date September, 1986 Pages: 77 NTIS PB88-114020AS  
Note:  
Author(s) CL DUDEK; GL ULLMAN

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Study No. 0-335            Status: TERMINATED            Title: ALTERNATIVE ANALYSIS OF X-RAMP AND DIAMOND RAMP DESIGNS  
Start 09/01/83 End 08/31/85  
Comment:  
Researcher(s) E CHANG (TTI)

Report No. 335-1F                            (PUBLISHED)            ALTERNATIVE ANALYSIS OF X-RAMP AND DIAMOND RAMP DESIGNS  
Date August, 1985    Pages: 57    NTIS PB87-169546AS  
Note:  
Author(s) DW BORCHARDT; CP CHANG

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Study No. 0-336            Status: TERMINATED            Title: OPTIMIZATION OF LARGE TRUCK TRANSPORT  
Start 09/01/83 End 08/31/84  
Comment:  
Researcher(s)

Report No. 336-1F                            (PUBLISHED)            SOME MEASURES OF ACCESSIBILITY OF LARGE TRUCKS TO THE  
Date June, 1985       Pages: 56            TEXAS HIGHWAY SYSTEM  
Note:  
Author(s) J FESENMAIER; D BURKE

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Study No. 0-337            Status: TERMINATED            Title: NEW APPROACH TO PROJECT RANKING AND ALLOCATION OF  
Start 09/01/83 End 08/31/85            CONSTRUCTION FUNDS  
Comment:  
Researcher(s)

Report No. 337-1F                            (PUBLISHED)            NEW APPROACHES TO PROJECT RANKING: COMPARISONS USING  
Date November, 1985    Pages: 131    NTIS PB86-232675AS    ADDED CAPACITY PROJECTS IN TEXAS  
Note:  
Author(s) WF MCFARLAND; JL MEMMOTT

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Study No. 0-338            Status: TERMINATED            Title: STATEWIDE EVALUATION OF TRUCK OPERATIONS AND REGULATIONS ON  
Start 09/01/82 End 08/31/84            URBAN FREEWAYS  
Comment:  
Researcher(s) DL CHRISTIANSEN (TTI)

Report No. 338-1F                            (PUBLISHED)            TRUCK OPERATIONS AND REGULATIONS ON URBAN FREEWAYS  
Date August, 1984       Pages: 170  
Note:  
Author(s) WR MCCASLAND; RW STOKES

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Study No. 0-339            Status: TERMINATED            Title: IMPROVING URBAN MOBILITY THROUGH APPLICATIONS OF  
Start 09/01/83 End 08/31/88            HIGH-OCCUPANCY VEHICLE PRIORITY TREATMENTS  
Comment:  
Researcher(s)

Report No. 339-1                            (PUBLISHED)            EVALUATION OF HIGH-OCCUPANCY VEHICLE PRIORITY TREATMENT  
Date March, 1984       Pages: 51            PROJECT  
Note:  
Author(s) NM KUO; JM MOUNCE

Report No. 339-2                            (PUBLISHED)            EVALUATION OF HIGH-OCCUPANCY VEHICLE PRIORITY TREATMENT  
Date August, 1984       Pages: 72            NTIS PB85210391/AS    PROJECTS: FIRST YEAR'S ANALYSIS  
Note:  
Author(s) NM KUO; RL PETERSON et al



Report No. 339-3		(PUBLISHED)	TRANSITWAY WIDTH ASSESSMENT
Date November, 1984	Pages: 63		
Note:			
Author(s) TJ LOMAX			
Report No. 339-4		(PUBLISHED)	ALTERNATIVE MASS TRANSPORTATION TECHNOLOGIES TECHNICAL DATA
Date July, 1985	Pages: 116	NTIS PB86-182193AS	
Note:			
Author(s) DL CHRISTIANSEN			
Report No. 339-5		(PUBLISHED)	GUIDELINES FOR ESTIMATING THE CDST EFFECTIVENESS OF HIGH-OCCUPANCY VEHICLE LANES
Date November, 1985	Pages: 67	NTIS PB86-233624AS	
Note:			
Author(s) TJ LOMAX; DE MORRIS			
Report No. 339-6		(PUBLISHED)	THE KATY FREEWAY AUTHORIZED VEHICLE LANE: EVALUATION OF THE FIRST YEAR OF OPERATION
Date September, 1986	Pages: 84	NTIS PB87-131686AS	
Note:			
Author(s) NM KUO; JM MOUNCE			
Report No. 339-7		(PUBLISHED)	PROCEDURES FOR ESTIMATING PARK-AND-RIDE DEMAND IN LARGE TEXAS CITIES
Date February, 1987	Pages: 100	NTIS PB87-188165AS	
Note:			
Author(s) LG NUNGESSER; NP LEDBETTER			
Report No. 339-8		(PUBLISHED)	RELATIVE MOBILITY IN TEXAS CITIES, 1975 TO 1984
Date August, 1986	Pages: 36	NTIS PB87-167383AS	
Note:			
Author(s) TJ LOMAX			
Report No. 339-9		(PUBLISHED)	THE NORTH FREEWAY TRANSITWAY: EVALUATION OF THE FIRST YEAR OF BARRIER-SEPARATED OPERATION
Date August, 1986	Pages: 111	NTIS PB87-187605AS	
Note:			
Author(s) NM KUO			
Report No. 339-10		(PUBLISHED)	DELAY AT LIGHT RAIL TRANSIT GRADE CROSSINGS
Date April, 1987	Pages: 74	NTIS PB88-121249AS	
Note:			
Author(s) JC CLINE; T URBANIK et al			
Report No. 339-11		(PUBLISHED)	THE KATY FREEWAY TRANSITWAY: EVALUATION OF THE SECOND YEAR OF OPERATION
Date March, 1988	Pages: 77	NTIS PB88-199872AS	
Note:			
Author(s) T CHIRA-CHAVALA; SF RANFT			
Report No. 339-12		(PUBLISHED)	THE NORTH FREEWAY TRANSITWAY: EVALUATION OF THE SECOND YEAR OF BARRIER-SEPARATED OPERATION
Date August, 1987	Pages: 82	NTIS PB88-201272AS	
Note:			
Author(s) DW BORCHARDT; SE RANFT			
Report No. 339-13		(PUBLISHED)	THE NORTH FREEWAY TRANSITWAY EVALUATION OF OPERATIONS DURING 1987 THE THIRD YEAR OF OPERATIONS
Date August, 1988	Pages: 105	NTIS PB89 184717AS	
Note:			
Author(s) RW STOKES; DL CHRISTIANSEN et al			

Report No. 339-14 (PUBLISHED) REVISED MANUAL FOR PLANNING, DESIGNING, AND OPERATING  
Date August, 1988 Pages: 201 NTIS pb89211072/as TRANSITWAY FACILITIES IN TEXAS  
Note:  
Author(s) JM MOUNCE; RW STOKES et al

Report No. 339-15F (PUBLISHED) THE KATY FREEWAY TRANSITWAY, EVALUATION OF OPERATIONS  
Date June, 1988 Pages: 144 NTIS PB89-178420AS DURING 1987, THE THIRD YEAR OF OPERATION  
Note:  
Author(s) DL CHRISTIANSEN; SE RANFT

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Study No. 0-340 Status: TERMINATED Title: THE PRESSUREMETER & THE DESIGN OF HIGHWAY-RELATED  
Start 09/01/82 End 08/31/83 FOUNDATIONS  
Comment:  
Researcher(s)

Report No. 340-1 (PUBLISHED) PRESSUREMETER DESIGN OF SHALLOW FOUNDATIONS  
Date April, 1983 Pages: 79  
Note:  
Author(s) JL BRIAUD; G JORDAN

Report No. 340-2 (PUBLISHED) PRESSUREMETER DESIGN OF VERTICALLY LOADED PILES  
Date June, 1983 Pages: 91  
Note:  
Author(s) JL BRIAUD; J ANDERSON

Report No. 340-3 (PUBLISHED) PRESSUREMETER DESIGN OF LATERALLY LOADED PILES  
Date August, 1983 Pages: 89 NTIS PB85220200/AS  
Note:  
Author(s) JL BRIAUD; L TUCKER et al

Report No. 340-4F (PUBLISHED) PRESSUREMETER DESIGN OF RETAINING WALLS  
Date October, 1983 Pages: 80  
Note:  
Author(s) JL BRIAUD; M MERIWETHER et al

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Study No. 0-341 Status: TERMINATED Title: CONSOLIDATION OF CONCRETE PAVEMENT  
Start 09/01/82 End 08/31/84  
Comment:  
Researcher(s) MP OLSEN (TTI)

Report No. 341-1F (PUBLISHED) CONSOLIDATION OF CONCRETE PAVEMENT  
Date August, 1984 Pages: 172 NTIS PB8524241C/AS  
Note:  
Author(s) DP WINN; MP OLSEN et al

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Study No. 0-342 Status: TERMINATED Title: SAFER ROAD SURFACES  
Start 09/01/83 End 08/31/85  
Comment:  
Researcher(s) O PENDLETON (TTI)

Report No. 342-1F (NOT PUBLISHED) THE EFFECT OF LOWERED POLISH VALUE REQUIREMENTS ON WET  
Date June, 1985 Pages: 28 WEATHER ACCIDENT RATE  
Note:  
Author(s) LI GRIFFIN; OJ PENDLETON et al

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Study No. 0-343            Status: TERMINATED            Title: IMPROVED DESIGN OF LIGHT POLES, GUARDRAILS & OTHER  
Start 09/01/82 End 08/31/84            APPURTENANCES  
Comment:  
Researcher(s)

Report No. 343-1                            (PUBLISHED)            A STUDY OF THE SOIL-STRUCTURE INTERACTION BEHAVIOR OF  
Date July, 1983            Pages: 261    NTIS PB84-166313            HIGHWAY GUARDRAIL POSTS  
Note:  
Author(s) JF DEWEY; JK JEYAPALAN et al

Report No. 343-2                            (PUBLISHED)            TEST AND EVALUATION OF NEIGHBORHOOD MAILBOX  
Date October, 1983            Pages: 15    NTIS PB85218758/AS  
Note:  
Author(s) WL CAMPISE; HE ROSS

Report No. 343-3F                            (PUBLISHED)            PERFORATED TENSION FUSE PLATE FOR BREAKAWAY ROADSIDE SIGNS  
Date October, 1984            Pages: 68  
Note:  
Author(s) TJ HIRSCH; WL FAIRBANKS et al

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Study No. 0-344            Status: TERMINATED            Title: GUIDELINES FOR DIAMOND INTERCHANGE CONTROL  
Start 09/01/82 End 08/31/85  
Comment:  
Researcher(s)

Report No. 344-1                            (PUBLISHED)            GUIDELINES FOR INSTALLING TRAFFIC SIGNALS AT DIAMOND  
Date November, 1984            Pages: 37    NTIS PB87-166062AS            INTERCHANGES  
Note:  
Author(s) MS CHANG

Report No. 344-2F                            (PUBLISHED)            TRAFFIC OPERATIONS OF BASIC ACTUATED TRAFFIC CONTROL  
Date May, 1985            Pages: 94    NTIS PB87-163432AS            SYSTEMS AT DIAMOND INTERCHANGES  
Note:  
Author(s) CJ MESSER; MS CHANG

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Study No. 0-345            Status: TERMINATED            Title: PERFORMANCE CONSIDERATIONS AND SPECIFICATIONS OF HOT MIX  
Start 09/01/83 End 08/31/85            ASPHALTIC CONCRETE  
Comment:  
Researcher(s) MP OLSEN (TTI)

Report No. 345-1                            (PUBLISHED)            ESTABLISHING MATERIAL PROPERTIES FOR THIN ASPHALT CONCRETE  
Date January, 1985            Pages: 143            SURFACES ON GRANULAR BASES  
Note:  
Author(s) MP OLSEN; BT ROSSON

Report No. 345-2F                            (PUBLISHED)            EFFECTS OF AUTOMOBILE TIRE LOADS ON THIN FLEXIBLE PAVEMENTS  
Date March, 1986            Pages: 65    NTIS PB88-123625AS  
Note:  
Author(s) FL ROBERTS; R URRUELA et al

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Study No. 0-346            Status: TERMINATED            Title: CONCRETE SAFETY SHAPED BARRIER FOR ROADSIDE APPLICATION  
Start 09/01/82 End 08/31/83  
Comment:  
Researcher(s)

Report No. 346-1F (PUBLISHED) ROADSIDE CONCRETE BARRIERS: WARRANTS AND END TREATMENT  
Date November, 1985 Pages: 75 NTIS PB87-107058AS  
Note:  
Author(s) DL SICKING; HE ROSS

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Study No. 0-347 Status: TERMINATED Title: ASPHALT RUBBER BINDERS  
Start 09/01/82 End 08/31/84  
Comment:  
Researcher(s)

Report No. 347-1F (PUBLISHED) ASPHALT-RUBBER BINDER LABORATORY PERFORMANCE  
Date March, 1985 Pages: 282 NTIS PB86-16949/AS  
Note:  
Author(s)

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Study No. 0-348 Status: TERMINATED Title: STRATEGIC MANAGEMENT COMMUNICATION SYSTEM  
Start 09/01/82 End 08/31/83  
Comment:  
Researcher(s)

Report No. 348-1F (PUBLISHED) STRATEGIC MANAGEMENT COMMUNICATION SYSTEM  
Date November, 1983 Pages: 75  
Note:  
Author(s) J SAUNDERS; D BURKE

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Study No. 0-349 Status: TERMINATED Title: IMPROVED ADHESION OF TEMPORARY PAVEMENT MARKING MATERIALS  
Start 09/01/82 End 08/31/83  
Comment:  
Researcher(s) RW MCNEES (TEES)

Report No. 349-1F (PUBLISHED) TEMPORARY PAVEMENT MARKING MATERIAL INSTALLATION PROCEDURE  
Date August, 1984 Pages: 108 NTIS PB85-174308AS FOR WET AND COLD PAVEMENT CONDITIONS  
Note:  
Author(s) RW MCNEES; JS NOEL

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Study No. 0-350 Status: TERMINATED Title: BEHAVIOR OF CONCRETE BRIDGE DECKS ON STEEL  
Start 09/01/82 End 08/31/87 BEAMS/VERIFICATION OF THE ONTARIO BRIDGE DECK DESIGN  
Comment: (WITH AND WITHOUT PANELS)  
Researcher(s) RE KLINGNER (CTR)

Report No. 350-1 (PUBLISHED) BEHAVIOR OF ONTARIO-TYPE BRIDGE DECKS ON STEEL GIRDERS  
Date January, 1986 Pages: 188 NTIS PB87-133591AS  
Note:  
Author(s) IK FANG; JA WORLEY et al

Report No. 350-2 (PUBLISHED) DISTRIBUTION OF GIRDER LOADS IN A COMPOSITE HIGHWAY BRIDGE  
Date December, 1985 Pages: 147 NTIS PB87-133658AS  
Note:  
Author(s) CW ELLING; RE KLINGNER et al

Report No. 350-3 (PUBLISHED) BEHAVIOR OF ONTARIO-TYPE BRIDGE DECK ON STEEL GIRDERS:  
Date January, 1986 Pages: 105 NTIS PB88-115654AS NEGATIVE MOMENT REGION AND LOAD CAPACITY  
Note:  
Author(s) CK TSUI; NH BURNS et al

Report No. 350-4F (PUBLISHED) BEHAVIOR OF ONTARIO-TYPE BRIDGE DECKS ON STEEL GIRDERS  
Date January, 1988 Pages: 154 NTIS PB89229322/AS  
Note:  
Author(s) KH KIM; NH BURNS et al

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Study No. 0-351 Status: TERMINATED Title: THE EFFECT OF BENTONITE SLURRY ON DRILLED SHAFTS  
Start 09/01/82 End / /  
Comment:  
Researcher(s)

Report No. 351-1F (PUBLISHED) THE EFFECT OF BENTONITE SLURRY ON DRILLED SHAFTS  
Date July, 1984 Pages: 97 NTIS PB861646397AS  
Note:  
Author(s) L TUCKER; LC REESE

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Study No. 0-352 Status: TERMINATED Title: ESTIMATION OF TRUCK LOADINGS FOR HIGHWAY DESIGN AND/OR REHABILITATION  
Start 09/01/82 End / /  
Comment:  
Researcher(s) CM WALTON (CTR)

Report No. 352-1F (PUBLISHED) TRAFFIC-LOAD FORECASTING IN TEXAS  
Date November, 1984 Pages: 193  
Note:  
Author(s) KJ CERVENKA; CM WALTON

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Study No. 0-353 Status: TERMINATED Title: STABILITY EVALUATION FOR EARTH SLOPES  
Start 09/01/82 End / /  
Comment:  
Researcher(s) SG WRIGHT (CTR)

Report No. 353-1 (PUBLISHED) UTEXAS (UNIVERSITY OF TEXAS ANALYSIS OF SLOPES - A COMPUTER PROGRAM FOR SLOPE STABILITY CALCULATIONS  
Date November, 1984 Pages: 88 NTIS PB86-164621AS  
Note:  
Author(s) SG WRIGHT; JD ROECKER

Report No. 353-2 (PUBLISHED) EXAMPLE PROBLEMS FOR SLOPE STABILITY COMPUTATIONS WITH THE COMPUTER PROGRAM UTEXAS  
Date November, 1984 Pages: 111 NTIS PB86-186137AS  
Note:  
Author(s) SG WRIGHT; JD ROECKER

Report No. 353-3F (PUBLISHED) AN EXAMINATION OF EARTH SLOPE FAILURES IN TEXAS  
Date November, 1984 Pages: 235 NTIS PB86-211372AS  
Note:  
Author(s) PA STAUFFER; SG WRIGHT

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Study No. 0-354 Status: TERMINATED Title: UPDATED PAVEMENT RIDE QUALITY EVALUATION  
Start 09/01/82 End / /  
Comment:  
Researcher(s) WR HUDSON (CTR)

Report No. 354-1F (PUBLISHED) REALISTIC PAVEMENT SERVICEABILITY EQUATIONS USING THE 690 D SURFACE DYNAMICS PROFILOMETER  
Date August, 1985 Pages: 216 NTIS PB87-122040AS  
Note:  
Author(s) SK NAIR; WR HUDSON et al

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Study No. 0-355            Status: TERMINATED            Title: CONSTRUCT RESEARCH PAVEMENT SLABS FOR TESTING DEFLECTION  
Start 09/01/82 End / /            MEASURING DEVICES  
Comment:  
Researcher(s) AH MEYER (CTR)

Report No. 355-1                            (PUBLISHED)            DESIGN AND CONSTRUCTION OF A RIGID PAVEMENT RESEARCH  
Date September, 1984 Pages: 101 NTIS PB87-117164AS FACILITY  
Note:  
Author(s) R WHITE; WR HUDSON et al

Report No. 355-2F                           (PUBLISHED)            INSTRUMENTED RIGID PAVEMENT FOR MULTIPURPOSE RESEARCH  
Date November, 1986 Pages: 102 NTIS PB88-119680AS  
Note:  
Author(s) AH MEYER; WR HUDSON et al

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Study No. 0-356            Status: TERMINATED            Title: STUDY OF TRUCK LANE NEEDS  
Start 09/01/83 End 08/31/85  
Comment:  
Researcher(s) CM WALTON (CTR)

Report No. 356-1                            (PUBLISHED)            TRUCK LANE NEEDS METHODOLOGY: A HEURISTIC APPROACH TO  
Date November, 1985 Pages: 64 NTIS PB87-103040AS SOLVE A FIVE-OPTION DISCRETE NETWORK DESIGN PROBLEM  
Note:  
Author(s) JJ MASSIMI; HS MAHMASSANI et al

Report No. 356-2                            (PUBLISHED)            NETWORK ASSIGNMENT METHODS FOR THE ANALYSIS OF  
Date November, 1985 Pages: 198 NTIS PB87-202883AS TRUCK-RELATED HIGHWAY IMPROVEMENTS  
Note:  
Author(s) K MOUSKOS; HS MAHMASSANI et al

Report No. 356-3F                           (PUBLISHED)            A METHODOLOGY FOR THE ASSESSMENT OF TRUCK LANE NEEDS IN THE  
Date November, 1985 Pages: 74 NTIS PB87-101101AS TEXAS HIGHWAY NETWORK  
Note:  
Author(s) HS MAHMASSANI; CM WALTON et al

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Study No. 0-357            Status: TERMINATED            Title: THIN BONDED CONCRETE OVERLAY  
Start 09/01/82 End / /  
Comment:  
Researcher(s) BF MCCULLOUGH (CTR)

Report No. 357-1                            (PUBLISHED)            A STUDY OF THE EFFECTS OF INTERFACE CONDITION ON THIN  
Date October, 1984 Pages: 83 NTIS PB87-115457AS BONDED PCC OVERLAYS  
Note:  
Author(s) K KAILASANANTHAN; BF MCCULLOUGH et al

Report No. 357-2F                           (PUBLISHED)            AN EXPERIMENTAL THIN-BONDED CONCRETE OVERLAY PAVEMENT  
Date November, 1985 Pages: 156 NTIS PB88-118906AS  
Note:  
Author(s) M BAGATE; BF MCCULLOUGH et al

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Study No. 0-358            Status: TERMINATED            Title: THE EFFECT OF MIX TEMPERATURE ON ASPHALT MIXTURES AS  
Start 09/01/82 End / /            RELATED TO DRUM MIXERS  
Comment:  
Researcher(s) TW KENNEDY (CTR)

Report No. 358-1 (PUBLISHED) THE EFFECT OF MIXING TEMPERATURE AND STOCKPILE MOISTURE ON  
Date August, 1984 Pages: 125 NTIS P886-219037AS ASPHALT MIXTURES  
Note:  
Author(s) TW KENNEDY; GA HUBER

Report No. 358-2F (PUBLISHED) THE EFFECTS OF MIXING TEMPERATURE AND STOCKPILE MOISTURE  
Date November, 1989 Pages: 46 ON ASPHALT MIXTURES CONTAINING ABSORPTIVE AGGREGATES  
Note: SECOND REVISED REPORT  
Author(s) M TAHMORESSI; TW KENNEDY

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Study No. 0-359 Status: TERMINATED Title: RAPID REPAIR OF WET ASPHALT  
Start 09/01/82 End / /  
Comment:  
Researcher(s) DW FOWLER (CTR)

Report No. 359-1 (PUBLISHED) RAPID REPAIR OF WET ASPHALT USING COMMERCIAL MIXTURES  
Date May, 1985 Pages: 101 NTIS P886-219607AS  
Note:  
Author(s) B OSTERNDORF; AH MEYER et al

Report No. 359-2 (PUBLISHED) RAPID REPAIR OF WET ASPHALTIC CONCRETE USING FLY ASH  
Date November, 1985 Pages: 145 NTIS P887-204467  
Note:  
Author(s)

Report No. 359-3F (PUBLISHED) IMPLEMENTATION MANUAL FOR THE RAPID REPAIR OF WET ASPHALT  
Date October, 1985 Pages: 75  
Note:  
Author(s) D CHEREM-SACAL; DA PRICE et al

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Study No. 0-360 Status: TERMINATED Title: ANALYSIS OF CURVED STEEL GIRDER UNITS  
Start 09/01/84 End 08/31/86  
Comment:  
Researcher(s) KH FRANK (CTR)

Report No. 360-1 (DRAFT) COMPUTER PROGRAM FOR THE ANALYSIS OF CURVED STEEL GIRDER  
Date June, 1991 Pages: 178 BRIDGES  
Note:  
Author(s) KH HAHN; CP JOHNSON

Report No. 360-2F (PUBLISHED) APPROXIMATE ANALYSIS OF HORIZONTALLY CURVED GIRDER BRIDGES  
Date November, 1987 Pages: 96  
Note:  
Author(s) AL FIECHTL; GL FENVES et al

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Study No. 0-361 Status: TERMINATED Title: USER-FRIENDLY TEXAS MODEL FOR INTERSECTION TRAFFIC  
Start 09/01/83 End 08/31/85  
Comment:  
Researcher(s) CE LEE (CTR)

Report No. 361-1F (PUBLISHED) USER-FRIENDLY TEXAS MODEL - GUIDE TO DATA ENTRY  
Date November, 1985 Pages: 195  
Note:  
Author(s) CE LEE; RF INMAN et al

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Report No. 364-VIDEO (PUBLISHED) TRAINING VIDEO - THE USE OF FLY ASH IN TEXAS HIGHWAYS  
Date May, 1986 Pages:  
Note:  
Author(s)

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Study No. 0-365 Status: TERMINATED Title: EVALUATION OF STRENGTH AND DUCTILITY OF SEGMENTAL BOX GIRDER CONSTRUCTION WITH EXTERNAL TENDONS  
Start 09/01/84 End 08/31/88  
Comment:  
Researcher(s)

Report No. 365-1 (PUBLISHED) STATE OF THE ART EXTERNALLY POST-TENSIONED BRIDGES WITH DEVIATORS  
Date June, 1988 Pages: 50 NTIS PB89 207980AS  
Note:  
Author(s) LC POWELL; JE BREEN et al

Report No. 365-2 (PUBLISHED) DEVIATION SADDLE BEHAVIOR AND DESIGN FOR EXTERNALLY POST-TENSIONED BRIDGES  
Date July, 1988 Pages: 236 NTIS PB89213243/AS  
Note:  
Author(s) RJ BEAUPRE; LC POWELL et al

Report No. 365-3F (PUBLISHED) STRENGTH AND DUCTILITY OF A THREE-SPAN EXTERNALLY POST-TENSIONED SEGMENTAL BOX GIRDER BRIDGE MODEL  
Date January, 1989 Pages: 324  
Note:  
Author(s) RJ MACGREGOR; ME KREGER et al

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Study No. 0-366 Status: TERMINATED Title: SEGREGATION IN ASPHALT MIXTURES PRODUCED IN DRUM MIX PLANTS  
Start 09/01/83 End 08/31/86  
Comment:  
Researcher(s) TW KENNEDY (CTR)

Report No. 366-1F (PUBLISHED) SEGREGATION OF ASPHALT MIXTURES - CAUSES, IDENTIFICATION, AND CURES  
Date November, 1986 Pages: 55 NTIS PB88-158894AS  
Note:  
Author(s) TW KENNEDY; M TAHMORESSI et al

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Study No. 0-367 Status: TERMINATED Title: GUIDELINES FOR USE OF HIGH-STRENGTH CONCRETE IN TEXAS HIGHWAYS  
Start 09/01/84 End 08/31/86  
Comment:  
Researcher(s) RL CARRASQUILLO (CTR)

Report No. 367-1F (PUBLISHED) GUIDELINES FOR USE OF HIGH STRENGTH CONCRETE IN TEXAS HIGHWAYS  
Date August, 1986 Pages: 254 NTIS PB87-210001  
Note:  
Author(s) PM CARRASQUILLO; RL CARRASQUILLO

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Study No. 0-368 Status: TERMINATED Title: NONDESTRUCTIVE MEASUREMENT OF THICKNESS AND ELASTIC STIFFNESS OF PAVEMENT LAYERS  
Start 09/01/83 End 08/31/86  
Comment:  
Researcher(s) KH STOKOE (CTR)

Report No. 368-1F (PUBLISHED) IN-SITU DETERMINATION OF ELASTIC MODULI OF SOIL DEPOSITS AND PAVEMENTS SYSTEMS BY SPECTRAL-ANALYSIS-OF-SURFACE-WAVE METHOD  
Date November, 1984 Pages: 451 NTIS PB87-122016AS  
Note:  
Author(s) S NAZARIAN; KH STOKOE

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Report No. 374-1F (NOT PUBLISHED) OVERLOAD PROTECTION FOR ELECTRONIC TRAFFIC CONTROL  
Date December, 1985 Pages: 177 EQUIPMENT  
Note:  
Author(s) WD CUNAGIN; BD RUSSELL et al

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Study No. 0-375 Status: TERMINATED Title: REDUCED DELAY OPTIMIZATION AND OTHER ENHANCEMENTS FOR  
Start 03/09/83 End 08/31/83 PASSER II - 80  
Comment:  
Researcher(s) EC CHANG (TTI)

Report No. 375-1F (PUBLISHED) ANALYSIS OF REDUCED DELAY OPTIMIZATION AND OTHER  
Date December, 1983 Pages: 120 NTIS PB61065987/AS ENHANCEMENTS TO PASSER II-80 -- PASSER II-84  
Note:  
Author(s) CJ MESSER; BG MARSDEN

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Study No. 0-376 Status: TERMINATED Title: INCREASED CAPACITY OF HIGHWAYS AND ARTERIALS THROUGH THE USE  
Start 09/01/84 End 08/31/86 OF FLYOVERS AND GRADE-SEPARATED RAMPS  
Comment:  
Researcher(s) WR STOCKTON (TTI)

Report No. 376-1 (PUBLISHED) INCREASED CAPACITY OF HIGHWAYS AND ARTERIALS THROUGH THE  
Date February, 1987 Pages: 120 NTIS PB88-121546AS USE OF ARTERIAL FLYOVERS AND GRADE SEPARATED RAMPS  
Note:  
Author(s) CR BONILLA; T URBANIK

Report No. 376-2F (PUBLISHED) INCREASED CAPACITY OF HIGHWAYS AND ARTERIALS THROUGH THE  
Date October, 1986 Pages: 101 NTIS PB87-193892AS USE OF FLYOVERS AND GRADE-SEPARATED RAMPS  
Note:  
Author(s) CR BONILLA; T URBANIK

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Study No. 0-377 Status: TERMINATED Title: TRAFFIC CONTROL FOR STOP-AND-GO AND SHORT-TERM MAINTENANCE  
Start 09/01/84 End / / CONSTRUCTION OPERATION AND TECHNIQUES FOR INSTALLING LANE  
Comment: CLOSURES  
Researcher(s) CL DUDEK (TTI)

Report No. 377-1 (PUBLISHED) ALTERNATIVE TRAFFIC CONTROL METHODS OF LANE CLOSURE IN  
Date January, 1988 Pages: STOP-AND-GO AND SHORT-DURATION MAINTENANCE AND CONSTRUCTION  
Note: VIDEOTAPE OPERATIONS  
Author(s) FT CREASEY; CL DUDEK

Report No. 377-2F (PUBLISHED) TRAFFIC CONTROL FOR SHORT DURATION AND STOP-AND-GO  
Date November, 1987 Pages: 96 NTIS PB88-244017AS MAINTENANCE OPERATIONS ON FOUR-LANE DIVIDED ROADWAYS  
Note:  
Author(s) CL DUDEK; GL ULLMAN et al

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Study No. 0-378 Status: TERMINATED Title: TRUCK SIZES, WEIGHTS, AND TIRE PRESSURES  
Start 09/01/85 End 08/31/87  
Comment:  
Researcher(s) RB MACHEMEHL (CTR)

Report No. 378-1F (PUBLISHED) ANALYSIS AND FORECAST OF TRUCK TRAFFIC LOADS AND THE  
Date November, 1987 Pages: 205 NTIS PB89180566/AS RELATIVE DAMAGE TO PAVEMENT SYSTEMS AS A FUNCTION OF AXLE  
Note: CONFIGURATIONS  
Author(s) S GOVIND; DA FARIA et al

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Report No. 382-2F (PUBLISHED) RESPONSE OF HIGHWAY BARRIERS TO REPEATED IMPACT LOADING:  
Date November, 1985 Pages: 109 CONCRETE BARRIERS  
Note:  
Author(s) KS ARMSTRONG; RE KLINGNER et al

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Study No. 0-383 Status: TERMINATED Title: ANCHORAGE AND DEVELOPMENT OF REINFORCEMENT IN CONCRETE MADE  
Start 09/01/83 End 08/31/85 USING SUPERPLASTICIZERS  
Comment:  
Researcher(s) JO JIRSA (CTR)

Report No. 383-1 (PUBLISHED) ANCHORAGE AND DEVELOPMENT OF REINFORCEMENT IN CONCRETE  
Date September, 1985 Pages: 189 NTIS PB87-113965AS MADE USING SUPERPLASTICIZERS  
Note:  
Author(s) PL MUSSER; RL CARRASQUILLO et al

Report No. 383-2F (PUBLISHED) EFFECT OF SUPERPLASTICIZERS ON THE BOND BEHAVIOR OF  
Date November, 1985 Pages: 104 NTIS PB87-107827AS REINFORCING STEEL IN CONCRETE MEMBERS  
Note:  
Author(s) A ZILVETI; TK SOOI et al

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Study No. 0-384 Status: TERMINATED Title: DEVELOPMENT OF SIMPLE FATIGUE-RESISTANT STAY CABLE ANCHORAGE  
Start 09/01/83 End 08/31/85  
Comment:  
Researcher(s) KH FRANK (CTR)

Report No. 384-1F (PUBLISHED) DEVELOPMENT OF A SIMPLE FATIGUE RESISTANT STAY CABLE  
Date November, 1985 Pages: 139 NTIS PB87-107819AS ANCHORAGE  
Note:  
Author(s) JL LAMB; KH FRANK

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Study No. 0-385 Status: TERMINATED Title: IMPROVED METHODS FOR SEALING JOINTS AND CRACKS IN PORTLAND  
Start 09/01/83 End 08/31/86 CEMENT PAVEMENT  
Comment:  
Researcher(s) DW FOWLER (CTR)

Report No. 385-1 (PUBLISHED) IMPROVED METHODS FOR SEALING JOINTS IN PORTLAND CEMENT  
Date September, 1986 Pages: 156 CONCRETE PAVEMENTS  
Note:  
Author(s) AM COLLINS III; WD MANGUM et al

Report No. 385-2F (PUBLISHED) REPAIRING CRACKS IN PORTLAND CEMENT CONCRETE USING POLYMERS  
Date November, 1986 Pages: 122 NTIS PB88-121264AS  
Note:  
Author(s) WD MANGUM; AJ BERMUDEZ-GOLDMAN et al

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Study No. 0-386 Status: TERMINATED Title: THE MAGNITUDE OF TIRE PRESSURES ON TEXAS HIGHWAYS AND THE  
Start 09/01/83 End 08/31/85 EFFECT OF TIRE PRESSURES ON FLEXIBLE AND RIGID PAVEMENTS  
Comment:  
Researcher(s) WR HUDSON (CTR)

Report No. 386-1 (PUBLISHED) EXPERIMENTAL INVESTIGATION OF TRUCK TIRE INFLATION PRESSURE  
Date August, 1985 Pages: 6248 NTIS PB88-218839AS ON PAVEMENT-TIRE CONTACT AREA AND PRESSURE DISTRIBUTION  
Note:  
Author(s) KM MARSHEK; WR HUDSON et al

Report No. 386-2F (PUBLISHED) EFFECT OF TRUCK TIRE INFLATION PRESSURE AND AXLE LOAD ON  
Date November, 1985 Pages: 68 NTIS PB87-103065AS PAVEMENT PERFORMANCE  
Note:  
Author(s) KM MARSHEK; WR HUDSON et al

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Study No. 0-387 Status: TERMINATED Title: PURCHASE AND ADAPTING A FALLING WEIGHT DEFLECTOMETER FOR  
Start 09/01/83 End 08/31/85 NON-DESTRUCTIVE EVALUATION AND RESEARCH ON RIGID PAVEMENTS  
Comment: IN TEXAS  
Researcher(s) WR HUDSON (CTR)

Report No. 387-1 (PUBLISHED) A STRUCTURAL EVALUATION METHODOLOGY FOR PAVEMENTS BASED ON  
Date July, 1985 Pages: 378 NTIS PB86-216132AS DYNAMIC DEFLECTIONS  
Note:  
Author(s) W UDDIN; AH MEYER et al

Report No. 387-2 (PUBLISHED) A USER'S GUIDE FOR PAVEMENT EVALUATION PROGRAMS RPEDD1 AND  
Date July, 1985 Pages: 42 NTIS P886217288/AS FPEDD1  
Note:  
Author(s) W UDDIN; AH MEYER et al

Report No. 387-3F (PUBLISHED) THE FALLING WEIGHT DEFLECTOMETER FOR NONDESTRUCTIVE  
Date November, 1985 Pages: 87 NTIS PB87-115465AS EVALUATION OF RIGID PAVEMENTS  
Note:  
Author(s) EA RICCI; AH MEYER et al

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Study No. 0-388 Status: TERMINATED Title: CONDITION SURVEYS AND PERFORMANCE MONITORING OF EXISTING  
Start 09/01/83 End 08/31/85 AND OVERLAID RIGID PAVEMENTS  
Comment:  
Researcher(s) BF MCCULLOUGH (CTR)

Report No. 388-1 (PUBLISHED) DEVELOPMENT OF A DEFLECTION DISTRESS INDEX FOR  
Date October, 1984 Pages: 162 NTIS PB87-114021AS PROJECT-LEVEL EVALUATION OF CRC PAVEMENTS  
Note:  
Author(s) V TORRES-VERDIN; BF MCCULLOUGH

Report No. 388-2 (PUBLISHED) EVALUATION OF THE EFFECT OF SURVEY SPEED ON NETWORK-LEVEL  
Date November, 1984 Pages: 24 COLLECTION OF RIGID-PAVEMENT DISTRESS DATA  
Note:  
Author(s) V TORRES-VERDIN; CL SARAF et al

Report No. 388-3 (PUBLISHED) MANUAL FOR CONDITION SURVEY OF CONTINUOUSLY REINFORCED  
Date May, 1985 Pages: 32 NTIS PB87-114518AS CONCRETE PAVEMENTS AND JOINTED CONCRETE PAVEMENTS  
Note:  
Author(s) CL SARAF; V TORRES-VERDIN et al

Report No. 388-4 (PUBLISHED) IMPLEMENTATION OF A COMPREHENSIVE RIGID PAVEMENT OVERLAY  
Date May, 1985 Pages: 222 NTIS PB87-115473AS DESIGN SYSTEM INTO A CONDENSED OVERLAY DESIGN MANUAL  
Note:  
Author(s) AW VILGDEN; BF MCCULLOUGH

Report No. 388-5F (PUBLISHED) CONDITION SURVEYS AND PAVEMENT EVALUATION OF EXISTING AND  
Date November, 1985 Pages: 94 NTIS PB88-119706AS OVERLAY RIGID PAVEMENTS  
Note:  
Author(s) CL SARAF; BF MCCULLOUGH et al

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Report No. 393-3F (PUBLISHED) THE FEASIBILITY OF EXCLUSIVE TRUCK LANES FOR THE  
Date November, 1986 Pages: 146 NTIS PB87-220794AS HOUSTON-BEAUMONT CORRIDOR  
Note:  
Author(s) JT LAMKIN; WR MCCASLAND

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Study No. 0-394 Status: TERMINATED Title: FIELD IMPLEMENTATION OF NON-CONTACT PROFILING AND ROAD  
Start / / End / / ROUGHNESS EQUIPMENT  
Comment:  
Researcher(s) RS WALKER (UTA)

Report No. 394-1F (PUBLISHED) FIELD IMPLEMENTATION OF NON-CONTACT PROFILING AND ROAD  
Date November, 1987 Pages: 30 NTIS PB89121875/AS ROUGHNESS EQUIPMENT  
Note:  
Author(s) RS WALKER; R BECK

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Study No. 0-395 Status: TERMINATED Title: SAFETY AND OPERATIONAL EVALUATION OF SHOULDERS ON URBAN  
Start 09/01/83 End 08/31/88 FREEWAYS  
Comment:  
Researcher(s)

Report No. 395-1 (PUBLISHED) SAFETY AND OPERATIONAL EVALUATION OF SHOULDERS ON URBAN  
Date February, 1987 Pages: 191 NTIS PB87-188173AS FREEWAYS  
Note:  
Author(s) T URBANIK; CR BONILLA

Report No. 395-2F (NOT PUBLISHED) SAFETY AND OPERATIONAL EVALUATION OF SHOULDERS ON URBAN  
Date November, 1988 Pages: 58 FREEWAYS - AN UPDATE  
Note:  
Author(s) T URBANIK

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Study No. 0-396 Status: TERMINATED Title: IMPROVED VALUES OF TRAVEL TIME AND ACCIDENT COSTS FOR  
Start 09/01/83 End / / HIGHWAY PROJECT EVALUATIONS  
Comment:  
Researcher(s) WF MCFARLAND (TTI)

Report No. 396-1 (PUBLISHED) COSTS OF MOTOR VEHICLE ACCIDENTS IN TEXAS  
Date May, 1985 Pages: 141 NTIS PB85236693/AS  
Note:  
Author(s) JB ROLLINS; WF MCFARLAND

Report No. 396-2F (PUBLISHED) THE VALUE OF TRAVEL TIME: NEW ESTIMATES DEVELOPED USING A  
Date November, 1985 Pages: 56 SPEED-CHOICE MODEL  
Note:  
Author(s) MK CHUI; WF MCFARLAND

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Study No. 0-397 Status: TERMINATED Title: LONGER AND WIDER TRUCKS ON THE TEXAS HIGHWAY SYSTEM  
Start 09/01/84 End 08/31/86  
Comment:  
Researcher(s) D BURKE (TTI)

Report No. 397-1 (PUBLISHED) ANNOTATED BIBLIOGRAPHY OF RESEARCH ON OPERATIONAL  
Date February, 1986 Pages: 73 NTIS PB86-225604AS CHARACTERISTICS AND GEOMETRIC IMPLICATIONS OF LONGER AND  
Note: WIDER TRUCKS  
Author(s) JM MASON; LI GRIFFIN et al



Report No. 397-2 (PUBLISHED) PASSENGER CAR EQUIVALENCIES FOR LARGE TRUCKS AT SIGNALIZED  
Date November, 1986 Pages: 63 NTIS PB87-233219AS INTERSECTIONS  
Note:  
Author(s) CJ MOLINA; CJ MESSER et al

Report No. 397-3 (PUBLISHED) CHANNELIZATION GUIDELINES TO ACCOMMODATE LONGER AND WIDER  
Date November, 1986 Pages: 54 NTIS PB87-234829AS TRUCKS AT AT-GRADE INTERSECTIONS  
Note:  
Author(s) N STRAUB; DB FAMBRO et al

Report No. 397-4 (PUBLISHED) STATISTICS OF TRUCK ACCIDENTS: AN ADDENDUM TO A STUDY OF  
Date May, 1987 Pages: 177 NTIS PB88-203427AS LONGER AND WIDER TRUCKS ON THE TEXAS HIGHWAY SYSTEM  
Note:  
Author(s) T CHIRA-CHAVALA; D BURKE

Report No. 397-5F (PUBLISHED) LARGER TRUCKS ON TEXAS HIGHWAYS  
Date November, 1986 Pages: 23 NTIS PB87-187613AS  
Note:  
Author(s) D BURKE

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Study No. 0-398 Status: TERMINATED Title: EVALUATION OF SLOW SCAN TV FOR TRAFFIC CONDITION MONITORING  
Start 09/01/83 End / /  
Comment:  
Researcher(s) CW BLUMENTRITT (TTI)

Report No. 398-1F (PUBLISHED) EVALUATION OF SLOW SCAN TELEVISION FOR TRAFFIC CONDITION  
Date December, 1985 Pages: 63 MONITORING  
Note:  
Author(s) CW BLUMENTRITT

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Study No. 0-399 Status: TERMINATED Title: ANALYSIS OF ACCIDENT RATES ALONG URBAN FREEWAYS TO DETERMINE  
Start 09/01/83 End / / WHERE AND WHEN ADDED ENFORCEMENT OR OTHER REMEDIAL MEASURES  
Comment: ARE REQUIRED  
Researcher(s) BA HILGER (TTI)

Report No. 399-1F Vol. 01 (PUBLISHED) ACCIDENT ANALYSIS FOR URBAN FREEWAYS  
Date November, 1987 Pages: 142 NTIS PB88-244009AS  
Note:  
Author(s)

Report No. 399-1F Vol. 02 (PUBLISHED) ACCIDENT ANALYSIS FOR URBAN FREEWAYS VOLUME II. MAAP USER  
Date August, 1987 Pages: 96 MANUAL  
Note:  
Author(s)

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Study No. 0-400 Status: TERMINATED Title: SERVICEABILITY RATINGS OF TEXAS HIGHWAYS FOR PAVEMENT  
Start / / End / / MANAGEMENT AND RELATED RESEARCH STUDIES  
Comment:  
Researcher(s)

Report No. 400-1F (PUBLISHED) SERVICEABILITY RATINGS OF TEXAS HIGHWAY SYSTEM FOR PAVEMENT  
Date August, 1986 Pages: 142 NTIS PB88-120647AS MANAGEMENT  
Note:  
Author(s) HE DESOLMINIHAC; WR HUDSON et al

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Report No. 402-2 (PUBLISHED) DELAY TO FRONTAGE ROAD VEHICLE AT INTERSECTIONS WITH RAMPS  
Date December, 1987 Pages: 79 NTIS PB88-244207AS  
Note:  
Author(s) JL GATTIS; CJ MESSER et al

Report No. 402-3F (PUBLISHED) A STUDY TO DEVELOP WARRANTS FOR CONVERSION TO ONE WAY  
Date December, 1987 Pages: 59 NTIS PB89136220/AS FRONTAGE ROADS  
Note:  
Author(s) CJ MESSER; VG STOVER et al

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Study No. 0-403 Status: TERMINATED Title: CONDITION SURVEY OF CONTINUOUS BRIDGE DECKS  
Start / / End / /  
Comment:  
Researcher(s)

Report No. 403-1F (PUBLISHED) CONDITION SURVEY OF CONTINUOUS BRIDGE DECKS  
Date August, 1986 Pages: 56 NTIS PB87-169496AS  
Note:  
Author(s) HL FURR; O PENDLETON

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Study No. 0-404 Status: TERMINATED Title: NEW GUARDRAIL END TREATMENT  
Start / / End / /  
Comment:  
Researcher(s)

Report No. 404-1F (PUBLISHED) DEVELOPMENT OF NEW GUARDRAIL END TREATMENTS  
Date October, 1988 Pages: 244 NTIS PB89184642/AS  
Note:  
Author(s) DL SICKING; AB QURESHY et al

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Study No. 0-405 Status: TERMINATED Title: GUARDRAILS ON LOW-FILL BRIDGE-LENGTH CULVERTS  
Start / / End / /  
Comment:  
Researcher(s)

Report No. 405-1 (PUBLISHED) THE EFFECTS OF EMBEDMENT DEPTH, SOIL PROPERTIES, AND POST  
Date March, 1986 Pages: 86 NTIS PB87-165353AS TYPE ON THE PERFORMANCE OF HIGHWAY GUARDRAIL POST  
Note:  
Author(s) DW EGGERS; TJ HIRSCH

Report No. 405-2F (PUBLISHED) THE USE OF GUARDRAILS ON LOW FILL BRIDGE LENGTH CULVERTS  
Date November, 1986 Pages: 59 NTIS PB88-120712AS  
Note:  
Author(s) TJ HIRSCH; D BEGGS

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Study No. 0-406 Status: TERMINATED Title: FLAGGER SAFETY AND ALTERNATIVES TO MANUAL FLAGGING  
Start / / End / /  
Comment:  
Researcher(s)

Report No. 406-1F (PUBLISHED) FLAGGER SAFETY AND ALTERNATIVES TO MANUAL FLAGGING  
Date April, 1987 Pages: 56 NTIS PB87-216099  
Note:  
Author(s) GL ULLMAN; SZ LEVINE et al

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Report No. 410-1	(PUBLISHED)	EXECUTIVE SUMMARY REPORT OF GUIDELINES FOR UTILIZATION OF POLICE OFFICERS IN TRAFFIC CONTROL AND ENFORCEMENT ON URBAN FREEWAYS
Date July, 1986	Pages: 11	
Note: EXECUTIVE SUMMARY		
Author(s)		
Report No. 410-2	(PUBLISHED)	SUMMARY OF TRAFFIC CONTROL GUIDELINES FOR CONSTRUCTION AND MAINTENANCE WORK ZONES
Date July, 1986	Pages: 10	
Note: EXECUTIVE SUMMARY		
Author(s)		
Report No. 410-3	(PUBLISHED)	SUMMARY OF ENFORCEMENT GUIDELINES FOR PRIORITY TREATMENT FACILITIES
Date July, 1986	Pages: 09	
Note: EXECUTIVE SUMMARY		
Author(s)		
Report No. 410-4	(PUBLISHED)	SUMMARY OF ENFORCEMENT GUIDELINES FOR TSM OPERATIONS
Date July, 1986	Pages: 4	
Note: EXECUTIVE SUMMARY		
Author(s)		
Report No. 410-5	(PUBLISHED)	SUMMARY OF TRAFFIC CONTROL GUIDELINES FOR MAJOR INCIDENT RESPONSE
Date July, 1986	Pages: 10	
Note: EXECUTIVE SUMMARY		
Author(s)		
Report No. 410-6	(PUBLISHED)	SUMMARY OF TRAFFIC CONTROL GUIDELINES FOR SPECIAL EVENTS
Date July, 1986	Pages: 5	
Note: EXECUTIVE SUMMARY		
Author(s)		
Report No. 410-7F	(PUBLISHED)	GUIDELINES FOR UTILIZATION OF POLICE OFFICERS IN TRAFFIC CONTROL AND ENFORCEMENT ON URBAN FREEWAYS
Date April, 1985	Pages: 57	
Note:		
Author(s) WR MCCASLAND; RW STOKES et al		

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Study No. 0-411	Status: TERMINATED	Title: A REVIEW AND ANALYSIS OF THE CURRENT UTILITY ACCOMMODATION MANUAL
Start / /	End / /	
Comment:		
Researcher(s)		

Report No. 411-1F	(PUBLISHED)	A REVIEW AND ANALYSIS OF THE CURRENT UTILITY ACCOMMODATION MANUAL
Date August, 1986	Pages: 179	
Note:		
Author(s) JD BLASCHKE		

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Study No. 0-412	Status: TERMINATED	Title: PROJECT COMPLETION TIME AND PROJECT OVERRUNS
Start / /	End / /	
Comment:		
Researcher(s)		

Report No. 412-1F	(PUBLISHED)	PROJECT COMPLETION TIMES AND EVALUATION OF BIDDING STRATEGIES WITH BONUSES AND LIQUIDATED DAMAGES
Date November, 1986	Pages: 63	NTIS PB87-233193AS
Note:		
Author(s) WF MCFARLAND; JB ROLLINS et al		

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Report No. 417-1F (PUBLISHED) A LOW-MAINTENANCE, ENERGY-ABSORBING BRIDGE RAIL  
Date November, 1985 Pages: 94 NTIS P888-188305AS  
Note:  
Author(s) WL BEASON; JC CAIN et al

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Study No. 0-418 Status: TERMINATED Title: USE OF EXISTING HIGHWAY RIGHT-OF-WAY FOR OTHER  
Start / / End / / TRANSPORTATION SERVICES  
Comment:  
Researcher(s)

Report No. 418-1F (PUBLISHED) USE OF EXISTING HIGHWAY RIGHT-OF-WAY FOR HIGH SPEED RAIL  
Date August, 1984 Pages: 293 TRANSPORTATION  
Note:  
Author(s) RL PETERSON; H PETERSEN et al

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Study No. 0-419 Status: TERMINATED Title: CHARACTERIZATION OF ASPHALT USING GEL PERMEATION  
Start / / End / / CHROMATOGRAPHY AND OTHER METHODS  
Comment:  
Researcher(s)

Report No. 419-1F (PUBLISHED) CHARACTERIZATION OF ASPHALT USING GEL PERMEATION  
Date May, 1987 Pages: 201 NTIS P888-128566AS CHROMATOGRAPHY AND OTHER METHODS  
Note:  
Author(s) CJ GLOVER; JA BULLIN et al

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Study No. 0-420 Status: TERMINATED Title: IDENTIFICATION OF SPECIAL-USE TRUCK TRAFFIC  
Start / / End 08/31/88  
Comment:  
Researcher(s)

Report No. 420-1 (PUBLISHED) IDENTIFICATION OF SPECIAL-USE TRUCK TRAFFIC  
Date October, 1985 Pages: 140  
Note:  
Author(s) JM MASDN; DR MIDDLETON et al

Report No. 420-2 (PUBLISHED) ANALYSIS OF TRUCK TRAFFIC BETWEEN 1977 AND 1983  
Date February, 1987 Pages: 166 NTIS P888-121173AS  
Note:  
Author(s) DR MIDDLETON; JM MASON et al

Report No. 420-3F (PUBLISHED) RESULTS OF SPECIAL-USE TRUCK DATA COLLECTION  
Date November, 1988 Pages: 872 NTIS P891-125534  
Note:  
Author(s) DR MIDDLETON

Report No. 420-3F Vol. 03 (PUBLISHED) EXECUTIVE SUMMARY - RESULTS OF SPECIAL-USE TRUCK DATA  
Date July, 1990 Pages: 48 NTIS P891 212399 COLLECTION  
Note: EXECUTIVE SUMMARY  
Author(s)

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Study No. 0-421 Status: TERMINATED Title: DEVELOPING A FREEWAY DATA BASE MODEL  
Start / / End / /  
Comment:  
Researcher(s)

Report No. 421-1 (PUBLISHED) TRIDAQS DATA PROCESSING PROGRAMS - MYLBUR COMMANDS AND  
Date August, 1984 Pages: 43 NTIS P886113800/AS OPERATING INSTRUMENTS  
Note:  
Author(s) CW BLUMENTRITT

Report No. 421-2 (PUBLISHED) GOLDEN RIVER TRAFFIC COUNTER ANALYSIS AND DATA STORAGE FOR  
Date December, 1985 Pages: 86 NTIS P886-233681AS THE IM8-PC  
Note:  
Author(s) JY LEE; DJ CHANG et al

Report No. 421-3F (PUBLISHED) DEVELOPING A FREEWAY DATA BASE MODEL  
Date December, 1985 Pages: 53 NTIS P886-233699AS  
Note:  
Author(s) GP RITCH

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Study No. 0-422 Status: TERMINATED Title: EVALUATION OF PAVEMENT CONCRETE USING TEXAS COARSE  
Start 04/01/86 End 08/31/89 AGGREGATES  
Comment: ALL REPORTING WILL BE DONE UNDER 0-1244  
Researcher(s) BF MCCULLOUGH (CTR)

Report No. 422-1 (PUBLISHED) COARSE AGGREGATE FOR PCC - PILOT STUDY EVALUATION  
Date September, 1987 Pages: 38 NTIS P889163125/AS  
Note:  
Author(s) WJ GREEN; RL CARRASQUILLO et al

Report No. 422-2 (PUBLISHED) DESIGN RECOMMENDATIONS FOR STEEL REINFORCEMENT OF CRCP  
Date November, 1987 Pages: 48 NTIS P889122618/AS  
Note:  
Author(s)

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Study No. 0-423 Status: TERMINATED Title: GUIDELINES FOR IDENTIFYING IMPROVEMENTS AT DIAMOND  
Start / / End / / INTERCHANGES  
Comment:  
Researcher(s)

Report No. 423-1F (PUBLISHED) GUIDELINES FOR IDENTIFYING IMPROVEMENTS AT DIAMOND  
Date December, 1984 Pages: 102 NTIS P886109568/AS INTERCHANGES  
Note:  
Author(s) WR STOCKTON; SM SMITH

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Study No. 0-424 Status: TERMINATED Title: EVALUATION OF TEXAS TRUCK WEIGHING PROGRAM  
Start / / End / /  
Comment:  
Researcher(s)

Report No. 424-1F (PUBLISHED) EVALUATION OF THE TEXAS TRUCK WEIGHING PROGRAM  
Date August, 1985 Pages: 30 NTIS P887-103131AS  
Note:  
Author(s) DA MAXWELL; T CHIRA-CHAVALA et al

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Study No. 0-425 Status: TERMINATED Title: PREPARATION OF TEXAS MANUAL FOR PLANNING AND DESIGN OF HIGH  
Start / / End / / OCCUPANCY VEHICLE PRIORITY FACILITIES-TRANSITWAYS  
Comment:  
Researcher(s)



Report No. 425-1 (PUBLISHED) DESIGN OF TRANSITWAYS: REVIEW OF CURRENT PRACTICE  
Date August, 1984 Pages: 104 NTIS PB85233260/AS  
Note:  
Author(s) JM MOUNCE; RW STOKES

Report No. 425-2F (PUBLISHED) MANUAL FOR PLANNING, DESIGNING, AND OPERATING TRANSITWAY  
Date September, 1985 Pages: 176 NTIS PB87-136958AS FACILITIES IN TEXAS  
Note:  
Author(s) JM MOUNCE; RW STOKES

Report No. 425-2F(s) (PUBLISHED) TRANSITWAY CONVERSION TO RAIL TRANSIT GUIDEWAYS  
Date August, 1986 Pages: 103 NTIS PB87-131660AS  
Note: SUPPLEMENT  
Author(s)

Report No. 425-2F - 4 (PUBLISHED) TRANSITWAY SURVEILLANCE, COMMUNICATION, AND  
Date October, 1986 Pages: 83 NTIS PB87-168597AS CONTROL CHAPTER 4 OF THE MANUAL FOR PLANNING, DESIGNING  
Note: CHAPTER 4 AND OPERATING TRANSITWAY FACILITIES IN TEXAS  
Author(s)

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Study No. 0-426 Status: TERMINATED Title: DEVELOPMENT OF AN OVERHEAD VEHICLE SENSOR SYSTEM  
Start / / End / /  
Comment:  
Researcher(s)

Report No. 426-1F (PUBLISHED) DEVELOPMENT OF AN OVERHEAD VEHICLE SENSOR SYSTEM  
Date November, 1986 Pages: 76 NTIS PB88-136940AS  
Note:  
Author(s) WD CUNAGIN; MR LEGGETT et al

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Study No. 0-427 Status: TERMINATED Title: EFFECTIVENESS OF TEXAS MEMBRANE CURING COMPOUND QUALITY AND  
Start / / End / / APPLICATION REQUIREMENTS  
Comment:  
Researcher(s)

Report No. 427-1F (PUBLISHED) THE EFFECTIVENESS OF TEXAS MEMBRANE CURING COMPOUND QUALITY  
Date June, 1986 Pages: 219 NTIS PB87-204475 AND APPLICATION REQUIREMENTS  
Note:  
Author(s) CG PAPALEONTIOU; MD LOEFFLER et al

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Study No. 0-428 Status: TERMINATED Title: THE EFFECT ON MOBILITY AND THE COST-EFFECTIVENESS OF  
Start 11/18/87 End 12/31/89 IMPROVING A SELECTED SYSTEM OF ARTERIAL THOROUGHFARES IN  
Comment: HARRIS COUNTY  
Researcher(s) WV WARD (CTR)

Report No. 428-1F (PUBLISHED) CONCEPTUAL STRATEGIC ARTERIAL STREET SYSTEM FOR HARRIS  
Date February, 1990 Pages: 74 COUNTY  
Note:  
Author(s) WV WARD

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Study No. 0-429 Status: TERMINATED Title: RECOMMENDATIONS ON LIFE-CYCLE MONITORING PROJECTS  
Start / / End / /  
Comment:  
Researcher(s)

Report No. 429-1F (PUBLISHED) RECOMMENDATIONS FOR LIFE-CYCLE MONITORING  
Date February, 1984 Pages: 158  
Note:  
Author(s) RL LYTTON; BA HILGER

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Study No. 0-430 Status: TERMINATED Title: LIFE-CYCLE MONITORING OF EXPERIMENTAL PROJECTS  
Start / / End / /  
Comment:  
Researcher(s)

Report No. 430-1F (PUBLISHED) RECOMMENDATIONS FOR LIFE CYCLE MONITORING PROJECTS  
Date February, 1984 Pages: 63  
Note:  
Author(s) CL SARAF; M MUTHUSUBRAMANYAM et al

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Study No. 0-431 Status: TERMINATED Title: THE IMPACT OF DECLINING MOBILITY IN TEXAS AND OTHER MAJOR  
Start / / End 08/31/88 U.S. CITIES  
Comment:  
Researcher(s)

Report No. 431-1F (PUBLISHED) THE IMPACT OF DECLINING MOBILITY IN MAJOR TEXAS AND OTHER  
Date August, 1988 Pages: 117 NTIS PB89211049/AS U.S. CITIES  
Note:  
Author(s) TJ LOMAX; DL BULLARD et al

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Study No. 0-432 Status: TERMINATED Title: AN EVALUATION OF TENSILE STRENGTH TESTING VERSUS FLEXURAL  
Start / / End / / STRENGTH TESTING AS A MEANS OF QUALITY CONTROL FOR PCC  
Comment: PAVEMENTS  
Researcher(s)

Report No. 432-1F (PUBLISHED) AN EVALUATION OF TENSILE STRENGTH TESTING  
Date November, 1985 Pages: 81 NTIS PB88-121256AS  
Note:  
Author(s) LM MELIS; DW FOWLER et al

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Study No. 0-433 Status: TERMINATED Title: EVALUATION OF FABRIC TEST PAVEMENTS  
Start / / End / /  
Comment:  
Researcher(s)

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Study No. 0-434 Status: TERMINATED Title: SPECIAL PROJECTS  
Start / / End / /  
Comment:  
Researcher(s) JP UNDERWOOD (D-10)

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Study No. 0-434-01 Status: TERMINATED Title: MODIFY PROTOTYPE BENDING PLATE WIM TRANSDUCERS  
Start / / End / /  
Comment:  
Researcher(s) RA ZIMMER (TTI)

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Study No. 0-435 Status: TERMINATED Title: REPAIR OF SLIDES IN EARTH SLOPES  
Start / / End / /  
Comment:  
Researcher(s) SG WRIGHT (CTR)

Report No. 435-1 (PUBLISHED) STABILITY COMPUTATION PROCEDURES FOR EARTH SLOPES  
Date November, 1986 Pages: 100 NTIS PB88-120035AS CONTAINING INTERNAL REINFORCEMENT  
Note:  
Author(s) SG WRIGHT; F CUENCA

Report No. 435-2F (PUBLISHED) LIME AND CEMENT TREATMENT OF SOILS FOR REPAIR OF EARTH  
Date November, 1986 Pages: 108 NTIS PB88-120084AS SLOPES  
Note:  
Author(s) TW KENNEDY; RD SMITH

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Study No. 0-436 Status: TERMINATED Title: DEVELOPMENT OF DESIGN PRACTICE AND PROCEDURES FOR  
Start / / End / / DETERMINING EMBANKMENT SLOPE STABILITY  
Comment:  
Researcher(s) SG WRIGHT (CTR)

Report No. 436-1 (PUBLISHED) FACTORS AFFECTING THE LONG TERM STRENGTH OF COMPACTED  
Date October, 1986 Pages: 196 NTIS PB88-121181AS BEAUMONT CLAY  
Note:  
Author(s) R GREEN; SG WRIGHT

Report No. 436-2F (PUBLISHED) THE EFFECTS OF WETTING AND DRYING ON THE LONG-TERM SHEAR  
Date November, 1986 Pages: 133 NTIS PB88-120076AS STRENGTH PARAMETERS FOR COMPACTED BEAUMONT CLAY  
Note:  
Author(s) LE ROGERS; SG WRIGHT

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Study No. 0-437 Status: TERMINATED Title: UTILIZATION OF SURFACE WAVE SYSTEM FOR MEASURING MODULI OF  
Start / / End / / PAVEMENTS  
Comment:  
Researcher(s) KH STOKOE (CTR)

Report No. 437-1 (PUBLISHED) DYNAMIC INTERPRETATION OF DYNAFLECT AND FALLING WEIGHT  
Date August, 1986 Pages: 60 NTIS PB88-158522AS DEFLECTOMETER TESTS ON PAVEMENT SYSTEMS  
Note:  
Author(s) SHAO; JM ROESSET et al

Report No. 437-2 (PUBLISHED) IN SITU DETERMINATION OF ELASTIC MODULI OF PAVEMENT SYSTEMS  
Date November, 1986 Pages: 134 NTIS PB88-120100AS BY SPECTRAL-ANALYSIS-OF-SURFACE-WAVES METHOD (THEORETICAL  
Note: ASPECTS)  
Author(s)

Report No. 437-3F (PUBLISHED) APPLICATIONS AND LIMITATIONS OF THE SPECTRAL-ANALYSIS-OF-  
Date November, 1986 Pages: 306 NTIS PB88-136619AS SURFACE-WAVES METHOD  
Note:  
Author(s) JC SHEU; JM ROESSET et al

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Study No. 0-438 Status: TERMINATED Title: EVALUATION OF THE 4-CYCLE MAGNESIUM SULFATE SOUNDNESS TEST  
Start / / End / / TO CONTROL QUALITY OF AGGREGATES FOR HMA AND SURFACE  
Comment: TREATMENTS  
Researcher(s) AH MEYER (CTR)

Report No. 438-1F (PUBLISHED) EVALUATION OF THE 4-CYCLE MAGNESIUM SULFATE SOUNDNESS TEST  
Date November, 1987 Pages: 138 NTIS PB88246459/AS  
Note:  
Author(s) CG PAPALEDONTIOU; AH MEYER et al

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Study No. 0-439            Status: TERMINATED            Title: STRATEGIES FOR BRIDGE REPLACEMENT  
 Start 09/01/85 End 08/31/89  
 Comment:  
 Researcher(s) WR HUDSON (CTR)

Report No. 439-1                            (PUBLISHED)            IMPROVEMENTS IN ON-SYSTEM BRIDGE PROJECT PRIORITIZATION  
 Date January, 1987    Pages: 88    NTIS PB88-121165AS  
 Note:  
 Author(s) C BDYCE; WR HUDSON et al

Report No. 439-2                            (PUBLISHED)            IMPROVED SAFETY INDICES FOR PRIORITIZING BRIDGE PROJECTS  
 Date January, 1987    Pages: 101    NTIS PB88-158688AS  
 Note:  
 Author(s) C BOYCE; WR HUDSON et al

Report No. 439-3                            (PUBLISHED)            BRIDGE PROJECT SELECTION FOR TEXAS  
 Date November, 1987    Pages: 152    NTIS PB90158130  
 Note:  
 Author(s) T TASCIONE; WR HUDSON et al

Report No. 439-4F                            (PUBLISHED)            A BRIDGE MANAGEMENT SYSTEM MODULE FOR THE SELECTION OF  
 Date November, 1989    Pages: 400            REHABILITATION AND REPLACEMENT PROJECTS  
 Note:  
 Author(s) AJ WEISSMANN; WR HUDSON et al

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Study No. 0-440            Status: TERMINATED            Title: EVALUATION AND TRAINING RELATED TO DRUM MIX PLANTS  
 Start / /    End / /  
 Comment:  
 Researcher(s) TW KENNEDY (CTR)

Report No. 440-1F                            (PUBLISHED)            DRUM MIX PLANTS - EQUIPMENT AND OPERATIONS  
 Date November, 1986    Pages: 100    NTIS PB88-119698AS  
 Note:  
 Author(s) TW KENNEDY; M TAHMORESSI et al

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Study No. 0-441            Status: TERMINATED            Title: TREATMENT OF ASPHALT MIXTURES WITH LIME AND ANTI-STRIPPING  
 Start 09/01/85 End 08/31/90            AGENTS  
 Comment:  
 Researcher(s) TW KENNEDY (CTR)

Report No. 441-1                            (DRAFT)            EVALUATION OF STRIPPING AND MOISTURE DAMAGE IN ASPHALT  
 Date April, 1991    Pages: 638            PAVEMENTS TREATED WITH LIME AND ANTISTRIPPING AGENTS  
 Note:  
 Author(s) TW KENNEDY; V PING

Report No. 441-2F                            (DRAFT)            FIELD EVALUATION OF STRIPPING AND MOISTURE DAMAGE IN ASPHALT  
 Date March, 1991    Pages: 260            PAVEMENTS TREATED WITH LIME AND ANTISTRIPPING AGENTS  
 Note:  
 Author(s) MJ LIU; TW KENNEDY

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Study No. 0-442            Status: TERMINATED            Title: DESIGN OF REST AREA COMFORT STATIONS  
 Start / /    End / /  
 Comment:  
 Researcher(s) DW FOWLER (CTR)

Report No. 442-1 Vol. 1 (PUBLISHED) INVESTIGATION OF REST AREA REQUIREMENTS  
 Date November, 1987 Pages: 14  
 Note:  
 Author(s) WT STRAUGHAN; DW FOWLER et al

Report No. 442-1 Vol. 2 (PUBLISHED) INVESTIGATION OF REST AREA REQUIREMENTS - APPENDIX:  
 Date November, 1987 Pages: 66 NTIS PB90161019/AS PERTINENT REST AREA LITERATURE  
 Note:  
 Author(s) WT STRAUGHAN; DW FOWLER et al

Report No. 442-2 (PUBLISHED) EVALUATION OF ENERGY SOURCES FOR ROADSIDE REST AREAS  
 Date December, 1986 Pages: 116 NTIS PB88-136544AS  
 Note:  
 Author(s)

Report No. 442-3 (PUBLISHED) WATER AND WASTEWATER SYSTEMS AT HIGHWAY REST AREAS  
 Date March, 1987 Pages: 84 NTIS PB90127747/AS  
 Note:  
 Author(s) CW SCHARFE; JF MALINA

Report No. 442-4 (PUBLISHED) DESIGN RECOMMENDATIONS FOR REST AREAS  
 Date November, 1987 Pages: 14 NTIS PB89194807/AS  
 Note:  
 Author(s) GC VLIET; DW FOWLER et al

Report No. 442-5F (PUBLISHED) DESIGN MANUAL FOR REST AREA COMFORT STATIONS  
 Date November, 1987 Pages: 44 NTIS PB89210959/AS  
 Note:  
 Author(s) KW PERRY; DW FOWLER et al

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Study No. 0-443 Status: TERMINATED Title: TEXAS DIAMOND - A MICROSCOPIC SIMULATION MODEL FOR DIAMOND  
 Start / / End 08/31/88 INTERCHANGES  
 Comment:  
 Researcher(s) RB MACHEMEHL (CTR)

Report No. 443-1F (PUBLISHED) TEXAS MODEL VERSION 3.0 (DIAMOND INTERCHANGES)  
 Date January, 1989 Pages: 224  
 Note:  
 Author(s) CE LEE; RB MACHEMEHL et al

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Study No. 0-444 Status: TERMINATED Title: SPECIAL PROJECTS  
 Start / / End / /  
 Comment:  
 Researcher(s) S LAMBERT (DHT)

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Study No. 0-445 Status: TERMINATED Title: MOWER-THROWN-OBJECTS ACCIDENTS  
 Start / / End / /  
 Comment:  
 Researcher(s) KM MARSHEK (CTR)

Report No. 445-1 (PUBLISHED) AN EXPERIMENTAL AND ANALYTICAL INVESTIGATION OF  
 Date August, 1986 Pages: 101 MOWER-THROWN-OBJECT PHENOMENA  
 Note:  
 Author(s) RE DA SILVA; KM MARSHEK et al

Report No. 445-2F (PUBLISHED) STUDY AND RECOMMENDATIONS FOR THE REDUCTION OF  
Date August, 1986 Pages: 149 MOWER-THROWN-OBJECT ACCIDENTS  
Note:  
Author(s) KM MARSHEK; RE DA SILVA et al

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Study No. 0-446 Status: TERMINATED Title: SHEAR STRENGTH FOR EMBANKMENT AND RETAINING WALL FOUNDATION  
Start / / End / / DESIGN  
Comment:  
Researcher(s) SG WRIGHT (CTR)

Report No. 446-1F (PUBLISHED) REVIEW OF UNDRAINED SHEAR STRENGTH TESTING METHODS USED BY  
Date November, 1987 Pages: 188 NTIS PB90115635/AS THE TEXAS STATE DEPARTMENT OF HIGHWAYS AND PUBLIC  
Note: TRANSPORTATION  
Author(s) ES O'MALLEY; SG WRIGHT

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Study No. 0-447 Status: TERMINATED Title: LONGER AND WIDER TRUCKS ON THE TEXAS HIGHWAY SYSTEM  
Start / / End / /  
Comment:  
Researcher(s) CM WALTON (CTR)

Report No. 447-1F (PUBLISHED) AN ASSESSMENT OF THE OPERATIONAL IMPACT OF THE LONGER AND  
Date August, 1986 Pages: 204 NTIS PB88-120092AS WIDER COMBINATION VEHICLES ON THE GEOMETRY OF DIAMOND  
Note: INTERCHANGES  
Author(s) BM RAJAPPAN; CM WALTON

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Study No. 0-448 Status: TERMINATED Title: MULTIPLE SEAL COAT DESIGN AND CONSTRUCTION  
Start / / End 03/15/90  
Comment:  
Researcher(s) CK ESTAKHRI (TTI)

Report No. 448-1F (PUBLISHED) DESIGN AND CONSTRUCTION OF MULTIPLE SEAL COATS  
Date November, 1988 Pages: 179 NTIS PB-90-192071  
Note:  
Author(s) CK ESTAKHRI; MA GONZALEZ

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Study No. 0-449 Status: TERMINATED Title: MONITORING ASPHALT RUBBER TEST-ROAD PERFORMANCE  
Start / / End / /  
Comment:  
Researcher(s) CK ADAMS (TTI)

Report No. 449-1F (PUBLISHED) ASPHALT-RUBBER INTERLAYER FIELD PERFORMANCE  
Date November, 1986 Pages: 250 NTIS PB87-229670AS  
Note:  
Author(s) CK ADAMS; CK ADAMS et al

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Study No. 0-450 Status: TERMINATED Title: ALKALI-AGGREGATE REACTION IN CONCRETE CONTAINING FLY ASH  
Start 01/25/85 End 08/31/89  
Comment:  
Researcher(s) RL CARRASQUILLO (CTR)

Report No. 450-1 (PUBLISHED) EFFECTIVENESS OF FLY ASH REPLACEMENT IN THE REDUCTION OF  
Date May, 1986 Pages: 184 NTIS PB87-209995 DAMAGE DUE TO ALKALI-AGGREGATE REACTION IN CONCRETE  
Note:  
Author(s) J FARBIARZ; RL CARRASQUILLO

Report No. 450-2 (PUBLISHED) STATE-OF-THE-ART REPORT ON THE MECHANISM OF ALKALI-  
Date February, 1988 Pages: 102 NTIS PB89136246/AS AGGREGATE REACTION IN CONCRETE CONTAINING FLY ASH  
Note:  
Author(s) DC SCHUMAN; RL CARRASQUILLO et al

Report No. 450-3F (PUBLISHED) ALKALI-AGGREGATE REACTION IN CONCRETE CONTAINING FLY ASH:  
Date October, 1989 Pages: 126 NTIS PB90 267055 FINAL REPORT  
Note:  
Author(s) RL CARRASQUILLO; J FARBIARZ

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Study No. 0-451 Status: TERMINATED Title: CONCRETE COATING PROBLEMS  
Start 09/01/85 End 08/31/87  
Comment:  
Researcher(s) DW FOWLER (CTR)

Report No. 451-1F (PUBLISHED) INVESTIGATION OF CONCRETE COATING PROBLEMS  
Date November, 1987 Pages: 42 NTIS PB89-180384AS  
Note:  
Author(s) MU ABDUL-MALAK; DA PRICE et al

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Study No. 0-452 Status: TERMINATED Title: DESIGN AND PERFORMANCE OF ACP OVERLAYS ON CONCRETE PAVEMENTS  
Start 09/01/85 End 08/31/88  
Comment:  
Researcher(s) DN LITTLE (TTI)

Report No. 452-1 (PUBLISHED) THE EFFECT OF HMAC OVERLAYS ON TEXAS CRCP PUNCHOUT  
Date November, 1988 Pages: 55 PERFORMANCE  
Note:  
Author(s) MA GONZALEZ

Report No. 452-2 (PUBLISHED) USE OF CLIMATIC DATA FOR THE PREDICTION OF PERMANENT  
Date November, 1989 Pages: 84 NTIS PB90-178153 DEFORMATION IN FLEXIBLE PAVEMENTS  
Note:  
Author(s) J LI; MP OLSEN et al

Report No. 452-3F (PUBLISHED) PERMANENT DEFORMATION POTENTIAL IN ASPHALT CONCRETE  
Date November, 1988 Pages: 219 NTIS PB90-158155 OVERLAYS OVER PORTLAND CEMENT CONCRETE PAVEMENTS  
Note:  
Author(s) M AMERI-GAZNON; DN LITTLE

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Study No. 0-453 Status: TERMINATED Title: LDW MAINTENANCE CRASH CUSHION  
Start 09/01/86 End 08/31/88  
Comment:  
Researcher(s) HE ROSS (TTI)

Report No. 453-1F (PUBLISHED) ENERGY DISSIPATION CHARACTERISTICS OF CLUSTERED RUBBER  
Date August, 1988 Pages: 112 NTIS PB90 226366AS CYLINDERS  
Note:  
Author(s) DL SICKING; MF THOMPSON et al

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Study No. 0-454 Status: TERMINATED Title: DEVELOPMENT OF A PEAK PERIOD TRAFFIC ASSIGNMENT CAPABILITY  
Start 09/01/86 End 08/31/88  
Comment:  
Researcher(s) J BENSON (TTI)

Report No. 454-1F (PUBLISHED) DEVELOPMENT OF A PEAK PERIOD TRAFFIC ASSIGNMENT CAPABILITY  
Date August, 1988 Pages: 103 NTIS PB90112699/AS  
Note:  
Author(s) JD BENSON; CE BELL et al

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Study No. 0-455 Status: TERMINATED Title: IMPLEMENTATION OF THE FPS PAVEMENT DESIGN SYSTEM  
Start 09/01/85 End 08/31/90  
Comment:  
Researcher(s) RL LYTTON (TTI)

Report No. 455-1 (DRAFT) THE TEXAS FLEXIBLE PAVEMENT SYSTEM (TFPS), VOLUME II,  
Date November, 1990 Pages: 270 MECHANISTIC/EMPIRICAL MODEL  
Note:  
Author(s) J UZAN; DG ZOLLINGER et al

Report No. 455-2F (DRAFT) THE TEXAS FLEXIBLE PAVEMENT DESIGN SYSTEM (TFPS), VOLUME I  
Date November, 1990 Pages: 106 USERS GUIDE  
Note:  
Author(s)

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Study No. 0-456 Status: TERMINATED Title: TEXAS FLEXIBLE PAVEMENT DATA BASE  
Start 09/01/85 End 08/31/88  
Comment:  
Researcher(s) RL LYTTON (TTI)

Report No. 456-1F Vol. 1 (PUBLISHED) TEXAS FLEXIBLE PAVEMENT DATABASE VOLUME I USER'S MANUAL  
Date August, 1988 Pages: 146 NTIS PB91 164509  
Note:  
Author(s) s PARSONS; t SCULLION

Report No. 456-1F Vol. 2 (PUBLISHED) TEXAS FLEXIBLE PAVEMENT DATABASE PROGRAMMER'S MANUAL  
Date August, 1988 Pages: 683 NTIS PB91-164517 PART 2  
Note:  
Author(s) R YETTE; T PEREIRA et al

Report No. 456-1F Vol. 2 (PUBLISHED) TEXAS FLEXIBLE PAVEMENT DATABASE PROGRAMMER'S MANUAL  
Date August, 1988 Pages: 683 PART 2  
Note:  
Author(s) R YETTE; T PEREIRA et al

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Study No. 0-457 Status: TERMINATED Title: THIN-BONDED OVERLAY IMPLEMENTATION  
Start 09/01/85 End 08/31/88  
Comment:  
Researcher(s) BF MCCULLOUGH (CTR)

Report No. 457-1 (PUBLISHED) PRELIMINARY DESIGN OF A TESTING FACILITY TO SUBJECT  
Date August, 1986 Pages: 53 NTIS P887-210043 FULL-SCALE PAVEMENT SECTIONS TO STATIC AND CYCLIC LOADING  
Note:  
Author(s) MD WICKHAM; BF MCCULLOUGH et al

Report No. 457-2 (PUBLISHED) A LABORATORY STUDY OF THE FATIGUE OF BONDED PCC OVERLAYS  
Date September, 1986 Pages: 156 NTIS PB88-119862AS  
Note:  
Author(s) K REILLEY; C CARAF et al



Report No. 457-3 (PUBLISHED) A MECHANISTIC DESIGN FOR THIN-BONDED CONCRETE OVERLAY  
Date September, 1987 Pages: 288 NTIS PB89113724/AS PAVEMENTS  
Note:  
Author(s) M BAGATE; BF MCCULLOUGH et al

Report No. 457-4 (PUBLISHED) A STUDY OF THE EFFECT OF CONSTRUCTION VARIABLES ON THE BOND  
Date October, 1987 Pages: 50 NTIS PB89-136253 BEHAVIOR OF CRCP OVERLAYS  
Note:  
Author(s) AI SOLANKI; DW FOWLER et al

Report No. 457-5F (PUBLISHED) A SUMMARY OF STUDIES OF BONDED CONCRETE OVERLAYS  
Date November, 1988 Pages: 48  
Note:  
Author(s) YC SUH; JR LUNDY et al

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Study No. 0-458 Status: TERMINATED Title: DEVELOPMENT OF GEL PERMEATION CHROMATOGRAPHY AND OTHER TESTS  
Start 09/01/86 End 08/31/89 TO CHARACTERIZE ASPHALT CEMENTS AND CORRELATE WITH FIELD  
Comment: PERFORMANCE  
Researcher(s) JA BULLIN (TTI)

Report No. 458-1F Vol. 1 (PUBLISHED) DEVELOPMENT OF GEL PERMEATION CHROMATOGRAPHY, INFRARED  
Date November, 1989 Pages: 453 NTIS PB91-110510 AND OTHER TESTS TO CHARACTERIZE ASPHALT CEMENTS AND  
Note: CORRELATE WITH FIELD PERFORMANCE  
Author(s)

Report No. 458-1F Vol. 2 (PUBLISHED) APPENDICES OF DEVELOPMENT OF GEL PERMEATION CHROMATOGRAPHY  
Date November, 1989 Pages: 420 NTIS PB91-110510 INFRARED, AND OTHER TESTS TO CHARACTERIZE ASPHALT CEMENTS  
Note: AND CORRELATE WITH FIELD PERFORMANCE  
Author(s) RR DAVISON; JA BULLIN et al

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Study No. 0-459 Status: TERMINATED Title: DEVELOPMENT OF SUBBASE FRICTION INFORMATION FOR USE IN  
Start 09/01/85 End 08/31/87 DESIGN OF CONCRETE PAVEMENT  
Comment:  
Researcher(s) BF MCCULLOUGH (CTR)

Report No. 459-1 (PUBLISHED) STABILIZED SUBBASE FRICTION STUDY FOR CONCRETE PAVEMENTS  
Date April, 1987 Pages: 196 NTIS PB88-136536AS  
Note:  
Author(s) JW WESEVICH; BF MCCULLOUGH et al

Report No. 459-2F (PUBLISHED) METHODS OF ANALYZING AND FACTORS INFLUENCING FRICTION  
Date November, 1987 Pages: 84 NTIS PB90146770/AS EFFECTS OF SUBBASES  
Note:  
Author(s) AW WIMSATT; BF MCCULLOUGH et al

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Study No. 0-460 Status: TERMINATED Title: ASSESSING LOAD TRANSFER ACROSS JOINTS AND CRACKS IN RIGID  
Start 09/01/85 End 08/31/90 PAVEMENTS USING THE FALLING-WEIGHT DEFLECTOMETER  
Comment:  
Researcher(s) WR HUDSON (CTR)

Report No. 460-1 (PUBLISHED) TEMPERATURE DIFFERENTIAL EFFECT ON THE FALLING WEIGHT  
Date February, 1987 Pages: 120 NTIS PB88-142633AS DEFLECTOMETER DEFLECTIONS USED FOR STRUCTURAL EVALUATION OF  
Note: RIGID PAVEMENTS  
Author(s) GE MORELES-VALENTIN; AH MEYER et al

Report No. 460-2 (PUBLISHED) ASSESSING LOAD TRANSFER ACROSS JOINTS AND CRACKS IN RIGID  
Date May, 1990 Pages: 158 PAVEMENTS USING THE FALLING WEIGHT DEFLECTOMETER  
Note:  
Author(s) EB OWUSU-ANTWI; AH MEYER et al

Report No. 460-3F (DRAFT) A MANUAL FOR RIGID PAVEMENT EVALUATION USING THE FALLING  
Date August, 1990 Pages: 32 WEIGHT DEFLECTOMETER  
Note:  
Author(s)

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Study No. 0-461 Status: TERMINATED Title: GUARDRAIL/BRIDGERAIL TRANSITIONS  
Start / / End / /  
Comment:  
Researcher(s) HE ROSS (TTI)

Report No. 461-1F (PUBLISHED) DEVELOPMENT OF GUARDRAIL TO BRIDGE RAIL TRANSITION  
Date November, 1987 Pages: 117 NTIS PB89 115638AS  
Note:  
Author(s) RP BLIGH; DL SICKING et al

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Study No. 0-462 Status: TERMINATED Title: EFFECTS OF OVERLOADS ON THE SERVICE LIFE OF BRIDGES  
Start 09/01/85 End / /  
Comment:  
Researcher(s) RW JAMES (TTI)

Report No. 462-1F (PUBLISHED) EFFECTS OF REPEATED OVERLOADS ON HIGHWAY BRIDGES  
Date November, 1987 Pages: 103  
Note:  
Author(s) RW JAMES; RA ZIMMERMAN et al

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Study No. 0-463 Status: TERMINATED Title: DISTRIBUTION OF POST-TENSIONING FORCES PRIOR TO GROUTING  
Start 09/01/85 End 08/31/87 TENDONS  
Comment:  
Researcher(s) NH BURNS (CTR)

Report No. 463-1F (PUBLISHED) DISTRIBUTION OF POST-TENSIONING FORCES PRIOR TO GROUTING  
Date January, 1988 Pages: 174 NTIS PB89-136261 TENDONS  
Note:  
Author(s) NH BURNS; CE QUADE

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Study No. 0-464 Status: TERMINATED Title: ESTIMATING RESIDUAL FATIGUE LIFE OF BRIDGES  
Start 09/01/85 End 08/31/87  
Comment:  
Researcher(s) KH FRANK (CTR)

Report No. 464-1F (PUBLISHED) ESTIMATING RESIDUAL FATIGUE LIFE OF BRIDGES  
Date March, 1988 Pages: 106  
Note:  
Author(s) GJ POST; KH FRANK et al

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Study No. 0-465 Status: TERMINATED Title: FATIGUE STRENGTH OF POST-TENSIONED CONCRETE  
Start 09/01/85 End 08/31/88  
Comment:  
Researcher(s) ME KREGGER (CTR)

Report No. 465-1 (PUBLISHED) AN EXPLORATORY INVESTIGATION OF SHEAR FATIGUE BEHAVIOR OF  
Date June, 1987 Pages: 198 PRESTRESSED CONCRETE GIRDERS  
Note:  
Author(s) PM BACHMAN; ME KREGER et al

Report No. 465-2F (PUBLISHED) FRETTING FATIGUE IN POST-TENSIONED CONCRETE  
Date November, 1988 Pages: 168 NTIS PB91108670  
Note:  
Author(s) GP WOLLMANN; DL YATES et al

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Study No. 0-466 Status: TERMINATED Title: 2-DIMENSIONAL ANALYSIS OF BACKWATER AT BRIDGES  
Start 09/01/85 End 08/31/86  
Comment:  
Researcher(s) LW MAYS (CTR)

Report No. 466-1F (PUBLISHED) TWO-DIMENSIONAL ANALYSIS OF BACKWATER AT BRIDGES  
Date November, 1987 Pages: 188 NTIS PB88233382/AS  
Note:  
Author(s) L BRION; LW MAYS

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Study No. 0-467 Status: TERMINATED Title: ENHANCEMENTS TO PASSER II - 84  
Start 09/01/85 End 08/31/89  
Comment:  
Researcher(s) E CHANG (TTI)

Report No. 467-1 (PUBLISHED) ARTERIAL SIGNAL TIMING OPTIMIZATION USING PASSER II-87 -  
Date April, 1988 Pages: 104 NTIS PB89 189658AS MICROCOMPUTER USER'S GUIDE -  
Note:  
Author(s) EC CHANG; JC LEI et al

Report No. 467-2F (DRAFT) ARTERIAL SIGNAL TIMING OPTIMIZATION USING PASSER II-90  
Date June, 1991 Pages: 110 PROGRAM USER'S MANUAL  
Note:  
Author(s) CP CHANG; CJ MESSER

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Study No. 0-468 Status: TERMINATED Title: FIELD EVALUATION TO OBTAIN DENSITY IN ASPHALT MIXTURES  
Start 09/01/85 End 08/31/88  
Comment:  
Researcher(s) TW KENNEDY (CTR)

Report No. 468-1 (PUBLISHED) EVALUATION OF THE TROXLER MODEL 4640 THIN LIFT NUCLEAR  
Date July, 1990 Pages: 32 DENSITY GAUGE  
Note:  
Author(s) M SOLAIMANIAN; RJ HOLMGREEN et al

Report No. 468-2 (PUBLISHED) EVALUATION OF METHODS OF DETERMINING THE THEORETICAL  
Date April, 1989 Pages: 44 MAXIMUM SPECIFIC GRAVITY OF ASPHALT CONCRETE PAVING  
Note: MIXTURES  
Author(s) M SOLAIMANIAN; TW KENNEDY

Report No. 468-3 (DRAFT) RECOMMENDATIONS TO ACHIEVE DENSITY FOR ASPHALT-AGGREGATE  
Date June, 1991 Pages: 68 MIXTURES  
Note:  
Author(s) M SOLAIMANIAN; TW KENNEDY et al

Report No. 468-4F (DRAFT)  
Date October, 1989 Pages: 108  
Note:  
Author(s) M SOLIMANIAN; TW KENNEDY

EVALUATION OF FIELD COMPACTION, DENSITY VARIATIONS AND  
FACTORS AFFECTING DENSITY THROUGH 1987 HMAC FIELD  
CONSTRUCTION DATA

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Study No. 0-469 Status: TERMINATED  
Start 04/08/85 End / /  
Comment:  
Researcher(s) JY LEE (TTI)

Title: AUTOMATIC RETRIEVAL OF AUTOMATIC TRAFFIC RECORDER DATA

Report No. 469-1F (PUBLISHED)  
Date August, 1985 Pages: 24  
Note:  
Author(s) JY LEE; HY YEOM

AUTOMATIC RETRIEVAL OF ATR DATA

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Study No. 0-470 Status: ACTIVE  
Start 04/01/86 End / /  
Comment:  
Researcher(s) JP UNDERWOOD (D-10)BF MCCULLOUGH (CTR) et al

Title: ADMINISTRATIVE AND REPRODUCTION SUPPORT OF STATE-FUNDED  
RESEARCH

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Study No. 0-471 Status: TERMINATED  
Start 10/03/84 End 08/31/86  
Comment:  
Researcher(s) JW BUTTON (TTI)

Title: ASPHALT ADDITIVES FOR INCREASED FLEXIBILITY OF ASPHALT  
PAVEMENT

Report No. 471-1 (PUBLISHED)  
Date November, 1986 Pages: 73 NTIS P887-233201AS  
Note:  
Author(s) CK ADAMS; JW BUTTON

ANOTHER LOOK AT CHEMKRETE

Report No. 471-2F (PUBLISHED)  
Date November, 1986 Pages: 227  
Note:  
Author(s) JW BUTTON; DN LITTLE

ASPHALT ADDITIVES FOR INCREASED PAVEMENT FLEXIBILITY

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Study No. 0-472 Status: TERMINATED  
Start 09/01/85 End 08/31/89  
Comment:  
Researcher(s) WR HUDSON (CTR)

Title: RIGID PAVEMENT DATA BASE

Report No. 472-1 (PUBLISHED)  
Date April, 1988 Pages: 52 NTIS P889229744/AS  
Note:  
Author(s) M WON; BF MCCULLOUGH et al

EVALUATION OF PROPOSED TEXAS SDHPT DESIGN STANDARDS FOR  
CRCP

Report No. 472-2 (PUBLISHED)  
Date October, 1988 Pages: 154 NTIS P890225335/AS  
Note:  
Author(s) CL SARAF; BF MCCULLOUGH et al

DEVELOPMENT OF A LONG-TERM MONITORING SYSTEM FOR TEXAS  
CRC PAVEMENT NETWORK

Report No. 472-3 (PUBLISHED)  
Date April, 1989 Pages: 86  
Note:  
Author(s) M WON; KD HANKINS et al

A TWENTY-FOUR YEAR PERFORMANCE REVIEW OF CONCRETE PAVEMENT  
SECTIONS MADE WITH SILICEOUS AND LIGHTWEIGHT COARSE  
AGGREGATES

Report No. 472-4 (PUBLISHED) DEVELOPMENT OF PROCEDURES FOR A STATEWIDE DIAGNOSTIC SURVEY  
 Date November, 1989 Pages: 162 ON CONTINUOUSLY REINFORCED CONCRETE PAVEMENTS  
 Note:  
 Author(s)

Report No. 472-5 (PUBLISHED) A STATEWIDE DIAGNOSTIC SURVEY OF CONTINUOUSLY REINFORCED  
 Date August, 1989 Pages: 36 CONCRETE PAVEMENTS IN TEXAS  
 Note:  
 Author(s) AJ WEISSMANN; K HANKIN

Report No. 472-6 (PUBLISHED) A CONTINUOUSLY REINFORCED CONCRETE PAVEMENT DATABASE  
 Date November, 1989 Pages: 60  
 Note:  
 Author(s) T DOSSEY; AJ WEISSMANN

Report No. 472-7F (PUBLISHED) DEVELOPMENT OF PERFORMANCE PREDICTION MODELS FOR  
 Date November, 1989 Pages: 142 CONTINUOUSLY REINFORCED CONCRETE PAVEMENTS IN TEXAS  
 Note:  
 Author(s) AJ WEISSMANN; BF MCCULLOUGH et al

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Study No. 0-473 Status: TERMINATED Title: INVESTIGATION OF THE EFFECTS OF RAISING LEGAL LOAD LIMITS  
 Start 09/01/86 End 08/31/89 TO 80,000 LBS. ON FARM-TO-MARKET ROADS  
 Comment:  
 Researcher(s) RL LYTTON (TTI)

Report No. 473-1 (PUBLISHED) A SIMPLIFIED MECHANISTIC RUT DEPTH PREDICTION PROCEDURE  
 Date December, 1988 Pages: 145 NTIS PB90 147455AS FOR LOW-VOLUME ROADS  
 Note:  
 Author(s) KA YAPA; RL LYTTON

Report No. 473-2 (PUBLISHED) EFFECTS OF TEMPERATURE AND MOISTURE ON LOW-VOLUME ROADS  
 Date December, 1988 Pages: 102 NTIS PB90 147463AS  
 Note:  
 Author(s) D CHANDRA; RL LYTTON

Report No. 473-3F (PUBLISHED) A MICROCOMPUTER BASED PROCEDURE FOR LOAD-ZONING  
 Date November, 1989 Pages: 106 DETERMINATION ON LOW-VOLUME ROADS  
 Note:  
 Author(s) BL SANTHA; W YANG et al

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Study No. 0-474 Status: TERMINATED Title: DEVELOP IMPROVED ASPHALT CONCRETE MIXTURES DESIGN  
 Start 09/01/84 End / /  
 Comment:  
 Researcher(s) DN LITTLE (TTI)

Report No. 474-1F (PUBLISHED) IMPROVED ASPHALT CONCRETE MIXTURE DESIGN PROCEDURE  
 Date November, 1987 Pages: 198  
 Note:  
 Author(s) K MAHBOUB; DN LITTLE

Report No. 474-INTERIM (NOT PUBLISHED) DEVELOPMENT OF IMPROVED ASPHALT CONCRETE MIXTURE DESIGN  
 Date July, 1987 Pages: 117 PROCEDURE  
 Note:  
 Author(s) K MAHBOUB; DN LITTLE

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Study No. 0-480            Status: TERMINATED            Title: EVALUATION OF HIGHWAY PERFORMANCE MONITORING SYSTEM FOR USE  
Start 09/01/84 End / /            IN TEXAS  
Comment:  
Researcher(s) JL MEMMOTT (TTI)

Report No. 480-1                            (PUBLISHED)            SAMPLE SIZE AND ACCURACY OF HIGHWAY PERFORMANCE MONITORING  
Date August, 1985            Pages: 22            SYSTEM  
Note:  
Author(s) JL MEMMOTT

Report No. 480-2F                            (PUBLISHED)            RESULTS OF THE EVALUATION OF THE HIGHWAY PERFORMANCE  
Date November, 1987            Pages: 89            MONITORING SYSTEM FOR USE IN TEXAS  
Note:  
Author(s) JL MEMMOTT

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Study No. 0-481            Status: INACTIVE            Title: DURABILITY AND PERFORMANCE OF CONCRETE CONTAINING FLY ASH  
Start 09/01/86 End 08/31/91            INCLUDING ITS USE IN HOT WEATHER CONCRETING AND PRESTRESSED  
Comment:            CONCRETE GIRDERS  
Researcher(s) RL CARRASQUILLO (CTR)

Report No. 481-1                            (PUBLISHED)            EFFECT OF FLY ASH ON THE SULFATE RESISTANCE OF CONCRETE  
Date February, 1988            Pages: 110            NTIS PB89-142830AS            CONTAINING FLY ASH  
Note:  
Author(s) PJ TIKALSKY; RL CARRASQUILLO

Report No. 481-2                            (PUBLISHED)            THE EFFECT OF FLY ASH ON THE TEMPERATURE RISE IN CONCRETE  
Date February, 1988            Pages: 202            NTIS PBB9-158984AS  
Note:  
Author(s) RS BARROW; RL CARRASQUILLO

Report No. 481-3                            (PUBLISHED)            ABRASION RESISTANCE AND SCALING RESISTANCE OF CONCRETE  
Date August, 1988            Pages: 216            NTIS PB89-194799AS            CONTAINING FLY ASH  
Note:  
Author(s) KM HADCHITI; RL CARRASQUILLO

Report No. 481-4                            (NOT PUBLISHED)            THE EFFECT OF FLY ASH ON TEMPERATURE RISE AND  
Date April, 1989            Pages: 226            HYDRATION IN PORTLAND CEMENT CONCRETE  
Note:  
Author(s) HR VILLANUEVA; RL CARRASQUILLO

Report No. 481-5                            (PUBLISHED)            THE EFFECT OF FLY ASH ON THE SULFATE RESISTANCE ON  
Date August, 1989            Pages: 346            NTIS PB90267097            CONCRETE  
Note:  
Author(s) PJ TIKALSKY; RL CARRASQUILLO

Report No. 481-6                            (PUBLISHED)            CREEP AND SHRINKAGE PROPERTIES IN CONCRETE CONTAINING FLY  
Date November, 1989            Pages: 132            NTIS PB90 267089            ASH  
Note:  
Author(s) RL CARRASQUILLO; ML SENNOUR

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Study No. 0-482            Status: TERMINATED            Title: STUDY OF SAFETY DEVICES REQUIRED BY H889  
Start 09/01/84 End / /  
Comment:  
Researcher(s) GS BRIDGES (TTI)

Report No. 482-1F (PUBLISHED) STUDY OF SAFETY DEVICES REQUIRED HB89  
Date January, 1985 Pages: 44  
Note:  
Author(s) GS BRIDGES

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Study No. 0-483 Status: TERMINATED Title: DEVELOPMENT OF A METHOD TO PRODUCE STABLE FOUNDATIONS FOR  
Start 01/14/85 End 08/31/86 HIGHWAY-RAILROAD GRADE CROSSINGS  
Comment:  
Researcher(s) JR MORGAN (TTI)

Report No. 483-1F (PUBLISHED) DEVELOPMENT OF A STABLE FOUNDATION FOR HIGHWAY-RAILROAD  
Date November, 1986 Pages: 36 NTIS PB88114492/AS GRADE CROSSINGS  
Note:  
Author(s) JR MORGAN; RM OLSON

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Study No. 0-484 Status: INACTIVE Title: AN EVALUATION OF THE IMPACT OF PERMITTING CARPOOLS TO USE  
Start 02/06/85 End 08/31/91 THE KATY TRANSITWAY  
Comment:  
Researcher(s) DL CHRISTIANSEN (TTI)

Report No. 484-1 (PUBLISHED) THE IMPACTS OF CARPOOL UTILIZATION ON THE KATY FREEWAY  
Date July, 1985 Pages: 130 NTIS PB86-196524AS AUTHORIZED VEHICLE LANE 'BEFORE' DATA  
Note:  
Author(s) DL CHRISTIANSEN; WR MCCASLAND

Report No. 484-2 (PUBLISHED) THE IMPACTS OF CARPOOL UTILIZATION ON THE KATY FREEWAY  
Date December, 1985 Pages: 36 NTIS PB87-121919AS AUTHORIZED VEHICLE LANE INITIAL CARPOOL SURVEYS  
Note:  
Author(s) DL CHRISTIANSEN

Report No. 484-3 (PUBLISHED) IMPACTS OF CARPOOL UTILIZATION ON THE KATY FREEWAY  
Date August, 1986 Pages: 58 NTIS PB87-187852AS AUTHORIZED VEHICLE LANE 12-MONTH 'AFTER' EVALUATION  
Note:  
Author(s) DL CHRISTIANSEN; WR MCCASLAND

Report No. 484-4 (PUBLISHED) AN ANALYSIS OF SURVEY DATA FROM THE KATY AND NORTH  
Date September, 1986 Pages: 126 NTIS PB87-190575AS TRANSITWAYS  
Note:  
Author(s) DL BULLARD

Report No. 484-5 (PUBLISHED) OFF-PEAK USE OF THE HOUSTON TRANSITWAY SYSTEM  
Date December, 1986 Pages: 59 NTIS PB88120662/AS  
Note:  
Author(s) JM MOUNCE; RW STOKES

Report No. 484-6 (PUBLISHED) OPTIONS FOR MANAGING TRAFFIC VOLUMES AND SPEEDS ON THE  
Date September, 1987 Pages: 50 NTIS PB90145111/AS KATY TRANSITWAY  
Note:  
Author(s) DL CHRISTIANSEN; WR MCCASLAND

Report No. 484-7 (PUBLISHED) THE IMPACTS OF CARPOOL UTILIZATION ON THE KATY FREEWAY  
Date September, 1988 Pages: 64 NTIS PB89 127898AS TRANSITWAY 30-MONTH "AFTER" EVALUATION  
Note:  
Author(s) DL CHRISTIANSEN; WR MCCASLAND



Report No. 484-8	(PUBLISHED)	AN ANALYSIS OF SURVEY DATA FROM THE KATY AND NORTH
Date June, 1988	Pages: 159	NTIS PB89178412/AS TRANSITWAYS, APRIL 1985 THROUGH OCTOBER 1987
Note:		
Author(s) DL BULLARD		
Report No. 484-9	(PUBLISHED)	A SUMMARY OF CARPOOL SURVEY DATA FROM THE KATY, NORTHWEST
Date February, 1989	Pages: 46	NTIS PB90112681/AS AND GULF TRANSITWAYS
Note:		
Author(s) DL BULLARD		
Report No. 484-10	(PUBLISHED)	A SUMMARY OF SURVEY DATA FROM THE KATY, NORTH, NORTHWEST AND
Date August, 1989	Pages: 131	NTIS PB91-165978 GULF TRANSITWAYS, APRIL 1985 THROUGH NOVEMBER 1988
Note:		
Author(s) DL BULLARD		
Report No. 484-11	(PUBLISHED)	THE IMPACTS OF CARPOOL UTILIZATION ON THE KATY FREEWAY
Date September, 1989	Pages: 74	NTIS PB90-209321 TRANSITWAY 42-MONTH "AFTER" EVALUATION
Note:		
Author(s) HG HAWKINS; DL CHRISTIANSEN		
Report No. 484-12	(PUBLISHED)	A SUMMARY OF SURVEY DATA FROM THE KATY, NORTH, NORTHWEST AND
Date July, 1990	Pages: 143	NTIS PB91-164624 GULF TRANSITWAYS, APRIL 1985 THROUGH OCTOBER 1989
Note:		
Author(s) DL BULLARD		
Report No. 484-13	(PUBLISHED)	THE IMPACTS OF CARPOOL UTILIZATION ON THE KATY FREEWAY
Date September, 1990	Pages: 82	NTIS PB91 201533 TRANSITWAY, 54-MONTH "AFTER" EVALUATION
Note:		
Author(s) DL BULLARD		
Report No. 484-14F	(DRAFT)	AS ASSESSMENT OF CARPOOL UTILIZATION OF THE KATY HIGH-
Date October, 1991	Pages: 207	OCCUPANCY VEHICLE LANE AND THE CHARACTERISTICS OF HOUSTON'S
Note:		HOV LANE USERS AND NONUSERS
Author(s) DL BULLARD		

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Study No. 0-485	Status: TERMINATED	Title: IMPLEMENTATION OF RESEARCH RESULTS
Start 01/28/86	End 08/31/89	
Comment:		
Researcher(s) SH GOLDING (D-10)		

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Study No. 0-486	Status: ACTIVE	Title: IMPLEMENTATION OF RESEARCH PROGRAM
Start 01/28/86	End / /	
Comment:		
Researcher(s) L LUKEFAHR (D-10)		

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Study No. 0-487	Status: TERMINATED	Title: DEVELOPMENT OF THE INTERACTIVE GRAPHICS ROADWAY DESIGN STUDY
Start / /	End 08/31/87	
Comment: NO REPORTS - AASHTO STUDY		
Researcher(s)		

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Study No. 0-488	Status: TERMINATED	Title: ANALYSIS AND EVALUATION OF HIGHWAY PROJECTS AND PROGRAMS
Start 09/01/84	End 08/31/87	
Comment:		
Researcher(s) WV WARD (CTR)		

Report No. 488-1F (PUBLISHED) ANALYSIS AND EVALUATION OF HIGHWAY PROJECTS AND PROGRAMS  
Date November, 1987 Pages: 38  
Note:  
Author(s) WV WARD; SA BARTA et al

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Study No. 0-489 Status: TERMINATED Title: INCREASED LAND ACCESSIBILITY DUE TO HIGHWAY PROJECTS  
Start 01/21/86 End 08/31/88  
Comment:  
Researcher(s) RW STOKES (TTI)

Report No. 489-1 (PUBLISHED) MEASURING THE BENEFITS OF INCREASED LAND ACCESSIBILITY DUE  
Date January, 1987 Pages: 125 TO HIGHWAY PROJECTS: LITERATURE REVIEW AND SURVEY OF  
Note: CURRENT PRACTICES  
Author(s) EJ WASHINGTON; RW STOKES et al

Report No. 489-2F (PUBLISHED) FACTORS AFFECTING APPRAISED VALUES IN HIGHWAY LAND  
Date October, 1988 Pages: 74 NTIS PB88121231/AS ACQUISITION CASES  
Note:  
Author(s) EJ WASHINGTON; RW STOKES

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Study No. 0-490 Status: INACTIVE Title: STRATEGIC RESEARCH PLAN FOR ACHIEVING ADEQUATE PAVEMENT  
Start 10/09/85 End 08/31/91 FRICTION  
Comment:  
Researcher(s) AH MEYER (CTR)

Report No. 490-1 (PUBLISHED) INVESTIGATION OF THE FRICTIONAL RESISTANCE OF SEAL COAT  
Date June, 1988 Pages: 48 NTIS PB90255647 PAVEMENT SURFACES  
Note:  
Author(s) MU ABDUL-MALAK; CG PAPALEONTIOU et al

Report No. 490-3 (DRAFT) ANALYSIS OF ACCIDENT DATA FOR EXISTING DATA BASES IN TEXAS  
Date November, 1991 Pages: 44  
Note:  
Author(s) CG PAPALEONTIOU; AH MEYER et al

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Study No. 0-491 Status: TERMINATED Title: EVALUATION OF TRUCK SIZES, WEIGHTS AND TIRE PRESSURES  
Start 10/10/85 End / /  
Comment:  
Researcher(s) JT LAMKIN (TTI)

Report No. 491-1F (NOT PUBLISHED) EVALUATION OF TRUCK SIZES, WEIGHTS, AND TIRE PRESSURES  
Date June, 1988 Pages: 80  
Note:  
Author(s) A VILLARREAL; JT LAMKIN

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Study No. 0-492 Status: INACTIVE Title: MIX DESIGN PROCEDURES AND CONSIDERATIONS FOR POLYMER  
Start 09/01/86 End 08/31/91 MODIFIED ASPHALT COMPATABILITY AND STABILITY  
Comment:  
Researcher(s) TW KENNEDY (CTR)

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Study No. 0-493 Status: TERMINATED Title: FEASIBILITY OF AUTOMATING TRUCK-TIRE PRESSURE DATA  
Start 09/01/86 End / / COLLECTION  
Comment:  
Researcher(s) WD CUNAGAN (TTI)

Report No. 493-1F (PUBLISHED) FEASIBILITY OF AUTOMATING TRUCK TIRE PRESSURE DATA  
Date November, 1986 Pages: 43 NTIS PB87-188066AS COLLECTION  
Note:  
Author(s) WD CUNAGIN; N AYOUB

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Study No. 0-494 Status: TERMINATED Title: UPGRADE PROFILOMETER FOR NON-CONTACT MEASUREMENTS  
Start 09/01/85 End 08/31/86  
Comment:  
Researcher(s) RS WALKER (UTA)

Report No. 494-1F (PUBLISHED) UPGRADE OF 690D SURFACE DYNAMICS PROFILOMETER FOR  
Date July, 1987 Pages: 52 NTIS PB88118856/AS NON-CONTRACT MEASUREMENTS  
Note:  
Author(s) RS WALKER; JS SCHUCHMAN

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Study No. 0-495 Status: TERMINATED Title: TRAINING PROGRAM ON MUTCD WORK-ZONE TRAFFIC CONTROL  
Start 06/05/85 End 03/14/90 REQUIREMENTS  
Comment:  
Researcher(s) CL DUDEK (TTI)

Report No. 495-1 (PUBLISHED) ARROWBOARD USAGE IN WORK ZONES  
Date December, 1991 Pages:  
Note: VIDEO TAPE  
Author(s) CL DUDEK

Report No. 495-2 (PUBLISHED) FLAGGER IN WORK ZONE OPERATIONS  
Date November, 1987 Pages:  
Note: VIDEO TAPE  
Author(s) N HUDDLESTON-TROUT; S LEVINE et al

Report No. 495-3 (PUBLISHED) FLAGGERS IN WORK-ZONE OPERATIONS ON TWO-LANE, TWO-WAY  
Date October, 1987 Pages: HIGHWAYS  
Note: VIDEO TAPE  
Author(s) N HUDDLESTON-TROUT; S LEVINE et al

Report No. 495-4 (PUBLISHED) FLAGGER IN VARIOUS WORK ZONE ACTIVITIES  
Date December, 1987 Pages:  
Note: VIDEO TAPE  
Author(s) N HUDDLESTON-TROUT; S LEVINE et al

Report No. 495-5F (PUBLISHED) PROPER POSITIONING OF A FLAGGER IN WORK ZONE OPERATIONS  
Date December, 1987 Pages:  
Note: VIDEO TAPE  
Author(s) N HUDDLESTON-TROUT; S LEVINE et al

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Study No. 0-496 Status: TERMINATED Title: ACR SCHEDULING AND INFORMATION MANAGEMENT SYSTEM  
Start 06/03/85 End / /  
Comment:  
Researcher(s) JY LEE (TTI)

Report No. 496-1F (PUBLISHED) ACR SCHEDULING AND INFORMATION MANAGEMENT SYSTEM  
Date August, 1986 Pages: 81  
Note:  
Author(s) JY LEE; D CHANG et al

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Study No. 0-497            Status: TERMINATED            Title: DEVELOPMENT OF AUDIO/VISUAL SPECIAL PROGRAMS  
Start 09/01/84 End 08/31/85  
Comment:  
Researcher(s) CL KING (D-10)

Report No. 497-1                            (PUBLISHED)            IT'S WHAT YOU DON'T SEE THAT COUNTS  
Date December, 1991 Pages:  
Note: SLIDE PRESENTATION  
Author(s)

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Study No. 0-498            Status: TERMINATED            Title: DEVELOPMENT AND EVALUATION OF PROJECT RANKING TECHNIQUES  
Start 09/01/85 End 08/31/88  
Comment:  
Researcher(s) WF MCFARLAND (TTI)

Report No. 498-1F                            (NOT PUBLISHED)            DEVELOPMENT AND EVALUATION OF PROJECT RANKING TECHNIQUES  
Date July, 1989 Pages: 99  
Note:  
Author(s) WF MCFARLAND; JL MEMMOTT et al

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Study No. 0-499            Status: TERMINATED            Title: RESEARCH IMPLEMENTATION: FIELD AREA 4  
Start / / End / /  
Comment:  
Researcher(s) T PAVLISKA (DHT)

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Study No. 0-575            Status: ACTIVE            Title: TECHNOLOGY TRANSFER TO LOCAL TRANSPORTATION AGENCIES  
Start / / End / /  
Comment:  
Researcher(s) N EVANS (TTI)

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Study No. 0-1100            Status: TERMINATED            Title: QUALITY APPRAISAL PROCEDURES FOR EFFECTIVE UTILIZATION OF  
Start 01/31/86 End 05/01/87            CONSULTANTS IN PRE-CONSTRUCTION HIGHWAY ENGINEERING  
Comment:  
Researcher(s) A GARCIA-DIAZ (TTI)

Report No. 1100-1F                            (PUBLISHED)            UTILIZATION OF CONSULTANTS BY SDHPT  
Date May, 1987 Pages: 104  
Note:  
Author(s) D BURKE; R CAVAZOS et al

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Study No. 0-1101            Status: TERMINATED            Title: THE UTILIZATION OF CONSULTANTS BY THE DEPARTMENT  
Start 03/12/86 End 03/31/87  
Comment:  
Researcher(s) CL LEE (CTR)

Report No. 1101-1F                            (PUBLISHED)            UTILIZATION OF CONSULTANTS BY THE STATE DEPARTMENT OF  
Date January, 1987 Pages: 60            HIGHWAYS AND PUBLIC TRANSPORTATION  
Note:  
Author(s) WV WARD; CE LEE et al

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Study No. 0-1102            Status: TERMINATED            Title: UTILIZATION OF CONSULTING ENGINEERS FOR HIGHWAY PROJECT  
Start 04/23/86 End 05/01/87            DEVELOPMENT  
Comment:  
Researcher(s) ERNST AND WHINNEY (E&W)

Report No. 1102-1F (PUBLISHED) UTILIZATION OF CONSULTING ENGINEERS FOR HIGHWAY PROJECT  
Date May, 1987 Pages: 49 DEVELOPMENT  
Note:  
Author(s) ERNST AND WHINNEY

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Study No. 0-1103 Status: TERMINATED Title: VALIDATION OF SHIRLEY HIGHWAY HOV LANE DEMAND MODEL IN TEXAS  
Start 09/01/86 End 08/31/89  
Comment:  
Researcher(s) RM STOKES (TTI)

Report No. 1103-1 (PUBLISHED) FEASIBILITY OF VALIDATING THE SHIRLEY HIGHWAY HOV LANE  
Date July, 1987 Pages: 108 NTIS PB88-179155 DEMAND MODEL IN TEXAS  
Note:  
Author(s)

Report No. 1103-2F (PUBLISHED) IMPLEMENTATION OF A MEZZO-LEVEL HOV CARPOOL MODEL FOR TEXAS  
Date November, 1989 Pages: 72 NTIS PB90-255654  
Note:  
Author(s) JD BENSON; JA MULLINS et al

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Study No. 0-1104 Status: TERMINATED Title: COMMODITY MOVEMENTS ON THE TEXAS HIGHWAY SYSTEM  
Start 09/01/86 End 08/31/90  
Comment:  
Researcher(s) JT LAMKIN (TTI)

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Study No. 0-1105 Status: TERMINATED Title: COST-EFFECTIVENESS ANALYSIS FOR RANKING NEW INTERCHANGES AND  
Start / / End 08/31/88 HIGHWAY-RAILROAD GRADE SEPARATION  
Comment:  
Researcher(s) JL MEMMOTT (TTI)

Report No. 1105-1F (PUBLISHED) TEXAS RANKING OF INTERCHANGE PROJECTS - TRIP, PC  
Date November, 1988 Pages: 66 INTERCHANGE AND RR GRADE SEPARATION BENEFIT-COST PROGRAM  
Note:  
Author(s) JL MEMMOTT; BC RYMER et al

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Study No. 0-1106 Status: TERMINATED Title: IMPACT OF HIGHWAY CONSTRUCTION EXPENDITURES ON ECONOMIC  
Start 09/01/87 End 08/31/89 GROWTH, TOURISM, PLANNING POLICIES AND TRANSPORTATION  
Comment:  
Researcher(s) D BURKE (TTI)

Report No. 1106-1 (PUBLISHED) A REGIONAL ANALYSIS OF THE EFFECTS OF HIGHWAY DEVELOPMENT  
Date December, 1988 Pages: 44 ON TOURISM IN THE TEXAS GULF COAST  
Note:  
Author(s) J FESENMAIER; D BURKE

Report No. 1106-2 (PUBLISHED) ECONOMIC ANALYSIS OF TRANSPORTATION EXPENDITURES:  
Date November, 1989 Pages: 50 A LITERATURE REVIEW  
Note:  
Author(s) WF MC FARLAND; D BURKE et al

Report No. 1106-3 (PUBLISHED) EMPLOYMENT AND INCOME IMPACTS OF HIGHWAY EXPENDITURES ON  
Date November, 1989 Pages: 35 BYPASS, LOOP AND RADIAL HIGHWAY IMPROVEMENTS  
Note:  
Author(s) JL BUFFINGTON; D BURKE

Report No. 1106-4F (PUBLISHED) ECONOMIC EFFECTS OF TRANSPORTATION EXPENDITURES ON  
Date November, 1989 Pages: 61 EMPLOYMENT AND INCOME LEVELS WITHIN HIGHWAY DISTRICTS  
Note:  
Author(s) LM CRANE; C HANKS et al

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Study No. 0-1107 Status: TERMINATED Title: THE ROLE OF THE ARTERIAL STREET SYSTEM IN URBAN MOBILITY  
Start 09/01/87 End 08/31/90  
Comment:  
Researcher(s) T URBANIK (TTI)

Report No. 1107-1 (PUBLISHED) AN ENHANCED ROLE FOR THE ARTERIAL STREET SYSTEM IN TEXAS  
Date November, 1988 Pages: 42 NTIS PB89218317/AS CITIES  
Note:  
Author(s) DL CHRISTIANSEN; WV WARD

Report No. 1107-2 (PUBLISHED) AN ANALYSIS OF THE POTENTIAL FOR TRAFFIC DIVERSION TO A  
Date June, 1990 Pages: 59 STRATEGIC ARTERIAL SYSTEM  
Note:  
Author(s) JA MULLINS; JD BENSON

Report No. 1107-3 (PUBLISHED) MOBILITY IMPACTS FROM IMPROVEMENTS TO AN ARTERIAL STREET  
Date September, 1990 Pages: 90  
Note:  
Author(s) K FITZPATRICK; B RYMER et al

Report No. 1107-4 (DRAFT) DESIGN GUIDELINES AND OTHER CONSIDERATIONS FOR STRATEGIC  
Date January, 1991 Pages: 170 ARTERIAL STREETS  
Note:  
Author(s) TJ KRUGER; CL LEE et al

Report No. 1107-5F (PUBLISHED) CONSIDERATIONS IN DEVELOPING A STRATEGIC ARTERIAL STREET  
Date November, 1990 Pages: 62 SYSTEM  
Note:  
Author(s) T URBANIK; WV WARD et al

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Study No. 0-1108 Status: ACTIVE Title: TRAFFIC PATTERN ASSESSMENT AND ROAD USER DELAY COSTS  
Start 09/01/86 End 08/31/92 RESULTING FROM ROADWAY CONSTRUCTION OPTIONS  
Comment:  
Researcher(s) CL DUDEK (TTI)

Report No. 1108-1 (PUBLISHED) TRAVEL IMPACTS OF FREEWAY RECONSTRUCTION: SYNTHESIS OF  
Date September, 1987 Pages: 76 PREVIOUS RESEARCH AND EXPERIENCES  
Note:  
Author(s) RA KRAMMES; GL ULLMAN

Report No. 1108-2 (DRAFT) ANALYSIS OF ACCIDENTS AT LONG-TERM CONSTRUCTION PROJECTS IN  
Date June, 1991 Pages: 103 TEXAS  
Note:  
Author(s) GL ULLMAN; RA KRAMMES

Report No. 1108-3 (PUBLISHED) TRAVEL IMPACTS OF URBAN FREEWAY RECONSTRUCTION PROJECTS IN  
Date September, 1990 Pages: 119 TEXAS  
Note:  
Author(s) RA KRAMMES; KD TYER et al

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Study No. 0-1109      Status: TERMINATED      Title: EVALUATION OF OVERSIZE/OVERWEIGHT PERMIT POLICY & FEE  
Start / / End 08/31/88      SCHEDULE  
Comment:  
Researcher(s) DR MIDDLETON (TTI)

Report No. 1109-1F      (PUBLISHED)      EVALUATION OF OVERSIZE/OVERWEIGHT PERMIT POLICY AND FEE  
Date November, 1988    Pages: 122    NTIS PB90 156902AS    STRUCTURE  
Note:  
Author(s)

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Study No. 0-1110      Status: TERMINATED      Title: SUBAREA ANALYSIS USING MICROCOMPUTERS  
Start / / End 08/31/88  
Comment:  
Researcher(s) GB DRESSER (TTI)

Report No. 1110-1      (PUBLISHED)      DETAILED EVALUATION OF THE TRANPLAN PACKAGE OF  
Date November, 1987    Pages: 94    NTIS PB89229736/AS    MICROCOMPUTER PROGRAMS  
Note:  
Author(s) KM CHANG; VG STOVER et al

Report No. 1110-2      (PUBLISHED)      COMPARISON OF THE RESULTS FROM THE TRANPLAN WITH THE TEXAS  
Date November, 1987    Pages: 44    NTIS PB89-143176AS    PACKAGE  
Note:  
Author(s) DM CHANG; VG STOVER et al

Report No. 1110-3      (PUBLISHED)      A COMPARISON OF MICROCOMPUTER PACKAGES FOR NETWORK-BASED  
Date November, 1987    Pages: 100      HIGHWAY PLANNING  
Note:  
Author(s) DM CHANG; VG STOVER et al

Report No. 1110-4F      (PUBLISHED)      SUBAREA ANALYSIS USING TRANPLAN/NEDS  
Date November, 1988    Pages: 64    NTIS PB89229736/AS  
Note:  
Author(s) DM CHANG; GB DRESSER

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Study No. 0-1111      Status: TERMINATED      Title: CAPACITY IMPROVEMENTS FOR URBAN INTERSECTIONS  
Start 09/01/86 End 08/31/89  
Comment:  
Researcher(s) CE LEE (CTR)

Report No. 1111-1F      (PUBLISHED)      AUXILIARY TURNING LANES AT URBAN INTERSECTIONS  
Date January, 1990    Pages: 182  
Note:  
Author(s) CT MARCUS; RB MACHEMEHL et al

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Study No. 0-1112      Status: TERMINATED      Title: CORRIDOR ANALYSIS AUTOMATION  
Start 09/01/87 End 08/31/89  
Comment:  
Researcher(s) GB DRESSER (TTI)

Report No. 1112-1F      (PUBLISHED)      TRAFFIC FORECASTING FOR PROJECT DEVELOPMENT  
Date November, 1989    Pages: 177  
Note:  
Author(s) VG STOVER; DM CHANG et al

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Study No. 0-1113 Status: TERMINATED Title: EVALUATION OF MOTORIST INFORMATION REQUIREMENTS FOR  
Start / / End 08/31/88 TRANSITWAYS AND FREEWAY-TRANSITWAY INTERCHANGES  
Comment:  
Researcher(s) WR MCCASLAND (TTI)

Report No. 1113-1F (PUBLISHED) EVALUATION OF MOTORIST INFORMATION REQUIREMENTS FOR  
Date August, 1988 Pages: 143 NTIS PB90112707/AS TRANSITWAYS  
Note:  
Author(s) GH HAWKINS; J MOUNCE et al

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Study No. 0-1114 Status: TERMINATED Title: CENTERLINE STRIPING AND WIDE-PAVED SHOULDERS ON TWO-LANE  
Start / / End / / RURAL HIGHWAYS  
Comment:  
Researcher(s) JR ROLLINS (TTI)

Report No. 1114-1F (PUBLISHED) GUIDELINES FOR USING WIDE-PAVED SHOULDERS ON LOW-VOLUME  
Date May, 1989 Pages: 51 NTIS PB90-178138 TWO-LANE RURAL HIGHWAYS BASED ON BENEFIT/COST ANALYSIS  
Note:  
Author(s) DL WOODS; JM ROLLINS et al

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Study No. 0-1115 Status: TERMINATED Title: IMPLEMENTATION OF THE TEXAS VERSION OF THE HIGHWAY  
Start 09/01/87 End 08/31/89 PERFORMANCE MONITORING SYSTEM  
Comment:  
Researcher(s) JL MEMMOTT (TTI)

Report No. 1115-1F (NOT PUBLISHED) RESULTS OF EXAMINATION OF THE HIGHWAY PERFORMANCE MONITORING  
Date November, 1989 Pages: 56 SYSTEM FOR IMPLEMENTATION IN TEXAS  
Note:  
Author(s) JL MEMMOTT; T SCULLION et al

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Study No. 0-1116 Status: TERMINATED Title: DEVELOPMENT OF RAPID TEST FOR QUALITY CONTROL IN HMA  
Start / / End 08/31/88  
Comment:  
Researcher(s) TW KENNEDY (CTR)

Report No. 1116-1F (PUBLISHED) EVALUATION OF THE TROXLER MODEL 3241-B ASPHALT CONTENT  
Date November, 1988 Pages: 14 GAUGE  
Note:  
Author(s) RJ HOLMGREEN; TW KENNEDY et al

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Study No. 0-1117 Status: TERMINATED Title: GUIDELINES FOR PROPER USE OF SUPERPLASTICIZERS AND THE  
Start 09/01/86 End 08/31/89 EFFECT OF RETEMPERING PRACTICES ON PERFORMANCE AND  
Comment: DURABILITY OF CONCRETE  
Researcher(s) RL CARRASQUILLO (CTR)

Report No. 1117-1 (PUBLISHED) THE EFFECTS OF WITHHOLDING MIXING WATER AND RETEMPERING  
Date February, 1988 Pages: 128 ON PROPERTIES OF CONCRETE  
Note:  
Author(s) SM ANDERSON; RL CARRASQUILLO

Report No. 1117-2 (PUBLISHED) GUIDELINES FOR THE PROPER USE OF SUPERPLASTICIZERS IN  
Date June, 1988 Pages: 258 NTIS PB89178404/AS CONCRETE  
Note:  
Author(s) WC ECKERT; RL CARRASQUILLO



Report No. 1117-3F (PUBLISHED) EFFECTS OF HIGH-RANGE WATER REDUCERS ON THE PROPERTIES OF  
Date October, 1989 Pages: 274 FRESH AND HARDENED CONCRETE  
Note:  
Author(s) RL CARRASQUILLO

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Study No. 0-1118 Status: TERMINATED Title: THE EFFECTIVENESS OF MEMBRANE CURING COMPOUNDS FOR PORTLAND  
Start / / End 08/31/88 CEMENT CONCRETE PAVEMENTS  
Comment:  
Researcher(s) AH MEYER (CTR)

Report No. 1118-1F (PUBLISHED) THE EFFECTIVENESS OF MEMBRANE CURING COMPOUNDS FOR PORTLAND  
Date November, 1988 Pages: 66 NTIS PB90-255621 CEMENT CONCRETE PAVEMENTS  
Note:  
Author(s) C PECHLIVANIDIS; CG PAPALEONTIOU et al

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Study No. 0-1119 Status: TERMINATED Title: IMPROVED CONCRETE QUALITY CONTROL PROCEDURES INCLUDING  
Start / / End / / THIRD-POINT LOADING  
Comment:  
Researcher(s) RL CARRASQUILLO (CTR)

Report No. 1119-1F (PUBLISHED) IMPROVED CONCRETE QUALITY CONTROL PROCEDURES USING THIRD  
Date November, 1987 Pages: 194 NTIS PB90115627/AS POINT LOADING  
Note:  
Author(s) RL CARRASQUILLO

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Study No. 0-1120 Status: TERMINATED Title: QUANTIFICATION OF LATENT TRAVEL DEMAND IN MAJOR URBAN TRAVEL  
Start 09/01/87 End 08/31/89 CORRIDORS  
Comment:  
Researcher(s) DL CHRISTIANSEN (TTI)

Report No. 1120-1F (NOT PUBLISHED) QUANTIFICATION OF LATENT TRAVEL DEMAND ON PROPOSED NEW  
Date September, 1989 Pages: 178 AND EXPANDED URBAN HIGHWAY FACILITIES  
Note:  
Author(s) RH HENK; JW HANKS

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Study No. 0-1121 Status: INACTIVE Title: INVESTIGATION OF RUTTING IN ASPHALT CONCRETE PAVEMENTS  
Start 09/01/86 End 02/28/91  
Comment:  
Researcher(s) JW BUTTON (TTI)

Report No. 1121-1 (PUBLISHED) INVESTIGATION OF RUTTING IN ASPHALT CONCRETE PAVEMENTS  
Date November, 1988 Pages: 71  
Note:  
Author(s) JW BUTTON; D PERDOMO

Report No. 1121-2F (DRAFT) IDENTIFYING AND CORRECTING RUT-SUSCEPTIBLE ASPHALT  
Date February, 1991 Pages: 151 MIXTURES  
Note:  
Author(s) D PERDOMO; JW BUTTON

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Study No. 0-1122 Status: TERMINATED Title: GENERIC SMALL SUPPORT SYSTEM AND VALIDATION OF ACCEPTABLE  
Start 09/01/87 End 08/31/89 SUPPORT PERFORMANCE  
Comment:  
Researcher(s) HE ROSS (TTI)

Report No. 1122-1F (PUBLISHED) GENERIC SMALL SIGN SUPPORT SYSTEMS AND VALIDATION OF  
Date April, 1990 Pages: 362 ACCEPTABLE SUPPORT PERFORMANCE  
Note:  
Author(s) JR MORGAN; D BREAUX

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Study No. 0-1123 Status: TERMINATED Title: NON-DESTRUCTIVE TEST PROCEDURES FOR ANALYZING STRUCTURAL  
Start 09/01/86 End 08/31/90 CONDITIONS OF PAVEMENTS  
Comment:  
Researcher(s) WR HUDSON (CTR)

Report No. 1123-1 (PUBLISHED) A MICROCOMPUTER BASED PROCEDURE FOR BACKCALCULATING  
Date September, 1988 Pages: 82 NTIS PB89207690/AS LAYER MODULI FROM FWD DATA  
Note:  
Author(s) J UZAN; T SCULLION et al

Report No. 1123-2 (PUBLISHED) FIELD EVALUATION OF THE MULTI-DEPTH DEFLECTOMETERS  
Date September, 1988 Pages: 55 NTIS PB89 207708AS  
Note:  
Author(s) J UZAN; T SCULLION et al

Report No. 1123-3 (PUBLISHED) MODULUS 4.0: EXPANSION AND VALIDATION OF THE MODULUS  
Date November, 1990 Pages: 128 BACKCALCULATION SYSTEM  
Note:  
Author(s) GT RDHDE; T SCULLION

Report No. 1123-4 (PUBLISHED) MODULUS 4.0, USER'S MANUAL  
Date January, 1991 Pages: 36  
Note:  
Author(s)

Report No. 1123-5 (DRAFT) EXPERIMENTAL STUDY OF FACTORS AFFECTING THE SPECTRAL-  
Date February, 1991 Pages: 346 ANALYSIS-OF-SURFACE-WAVE METHOD  
Note:  
Author(s) GJ RIX; KH STOKOE et al

Report No. 1123-6 (DRAFT) EFFECT OF FINITE WIDTH ON DYNAMIC DEFLECTIONS OF PAVEMENTS  
Date January, 1991 Pages: 268  
Note:  
Author(s) YV KANG; JM ROESSET et al

Report No. 1123-7F (DRAFT) THE FALLING WEIGHT DEFLECTOMETER AND SPECTRAL ANALYSIS OF  
Date February, 1991 Pages: 86 SURFACE WAVES TEST FOR CHARACTERIZING PAVEMENT MODULI:  
Note: A CASE STUDY  
Author(s) KH STOKOE; WR HUDSON et al

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Study No. 0-1124 Status: TERMINATED Title: A STUDY OF THE INFLUENCE OF THE TEMPERATURE OF THE SUBSTRATE  
Start / / End 08/31/88 ON THE CONSTRUCTION OF THIN-BONDED PORTLAND CEMENT CONCRETE  
Comment: OVERLAYS  
Researcher(s) DW FOWLER (CTR)

Report No. 1124-1F (PUBLISHED) A STUDY OF THE INFLUENCE OF THE TEMPERATURE OF THE SUB-  
Date November, 1988 Pages: 54 NTIS PB90-154584 STRATE ON THE CONSTRUCTION OF BONDED PORTLAND CEMENT  
Note: CONCRETE OVERLAYS  
Author(s) AH MEYER; S KOESNO et al

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Study No. 0-1125      Status: TERMINATED      Title: GEOMETRIC DESIGN CONSIDERATION FOR RURAL ROADS  
Start / /      End 08/31/88  
Comment:  
Researcher(s) DB FAMBRO (TT1)

Report No. 1125-1F      (PUBLISHED)      STOPPING SIGHT DISTANCE CONSIDERATIONS AT CREST VERTICAL  
Date March, 1989      Pages: 129      CURVES ON RURAL TWO-LANE HIGHWAYS IN TEXAS  
Note:  
Author(s) DB FAMBRO; T URBANIK et al

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Study No. 0-1126      Status: TERMINATED      Title: DESIGN GUIDE FOR SHORT ANCHOR BOLTS  
Start / /      End 08/31/88  
Comment:  
Researcher(s) RE KLINGNER (CTR)

Report No. 1126-1      (PUBLISHED)      LOAD-DEFLECTION BEHAVIOR OF CAST-IN-PLACE AND RETROFIT  
Date February, 1989      Pages: 242      NTIS PB90129206      CONCRETE ANCHORS SUBJECTED TO STATIC, FATIGUE AND IMPACT  
Note:      TENSILE LOADS  
Author(s) DM COLLINS; RE KLINGNER et al

Report No. 1126-2      (PUBLISHED)      ADHESIVE ANCHORS: BEHAVIOR AND SPACING REQUIREMENTS  
Date March, 1989      Pages: 86      NTIS PB90129214/AS  
Note:  
Author(s) GT DOERR; RE KLINGNER

Report No. 1126-3      (PUBLISHED)      BEHAVIOR AND DESIGN OF DUCTILE MULTIPLE-ANCHOR STEEL-TO-  
Date March, 1989      Pages: 214      NTIS PB90198532/AS      CONCRETE CONNECTIONS  
Note:  
Author(s) RA COOK; RE KLINGNER

Report No. 1126-4F      (PUBLISHED)      DESIGN GUIDE FOR STEEL-TO-CONCRETE CONNECTIONS  
Date March, 1989      Pages: 72      NTIS PB91 198283  
Note:  
Author(s) RA COOK; GT DOERR et al

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Study No. 0-1127      Status: TERMINATED      Title: DETAILING REINFORCEMENT IN CONCRETE STRUCTURES  
Start 09/01/86      End 08/31/89  
Comment:  
Researcher(s) JO JIRSA (CTR)

Report No. 1127-1      (DRAFT)      AN INVESTIGATION OF STRUT-AND-TIE MODELS FOR DAPPED BEAM  
Date May, 1991      Pages: 212      DETAILS  
Note:  
Author(s) DL BARTON; RB ANDERSON et al

Report No. 1127-2      (DRAFT)      SHEAR STRENGTH OF PRETENSIONED CONCRETE GIRDERS IN NEGATIVE  
Date February, 1990      Pages: 216      MOMENT REGIONS  
Note:  
Author(s) AC POWERS; ME KREGER et al

Report No. 1127-3F      (DRAFT)      DETAILING FOR STRUCTURAL CONCRETE  
Date October, 1990      Pages: 244  
Note:  
Author(s) K BERGMEISTER; JE BREEN et al

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Study No. 0-1128      Status: TERMINATED      Title: IMPROVEMENT OF HEEM-II TO EVALUATE URBAN ARTERIALS AND INTERSECTIONS  
Start 10/24/88 End 08/31/90  
Comment:  
Researcher(s) JL MEMMOTT (TTI)

Report No. 1128-1F      (DRAFT)      THE HEEM-II BENEFIT-COST COMPUTER PROGRAM  
Date September, 1991 Pages: 101  
Note:  
Author(s) JL MEMMOTT

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Study No. 0-1129      Status: TERMINATED      Title: BENT COLUMN ANALYSIS AND DESIGN  
Start / / End 08/31/88  
Comment:  
Researcher(s) CP JOHNSON (CTR)

Report No. 1129-1      (PUBLISHED)      COMPUTER PROGRAM FOR THE ANALYSIS OF BRIDGE BENT COLUMNS INCLUDING A GRAPHICAL INTERFACE  
Date November, 1988 Pages: 168  
Note:  
Author(s) RW STOCKS; CP JOHNSON et al

Report No. 1129-2F      (PUBLISHED)      ANALYSIS AND DESIGN OF BRIDGE BENT COLUMNS  
Date November, 1988 Pages: 172  
Note:  
Author(s) M HAQUE; JM ROESSET et al

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Study No. 0-1130      Status: TERMINATED      Title: SAFETY INDEX FOR EVALUATING LOW-VOLUME RURAL ROADS  
Start 10/31/88 End 08/31/90  
Comment:  
Researcher(s) DL IVEY (TTI)

Report No. 1130-1      (NOT PUBLISHED)      SAFETY INDEX FOR LOW-VOLUME RURAL ROADS BASED ON REGRESSION ANALYSIS  
Date November, 1990 Pages: 51  
Note:  
Author(s) WF MCFARLAND; R SALLEH et al

Report No. 1130-2F      (DRAFT)      SAFETY IMPROVEMENTS FOR LOW VOLUME RURAL ROADS  
Date August, 1991 Pages: 74  
Note:  
Author(s) DL IVEY; LI GRIFFIN

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Study No. 0-1131      Status: ACTIVE      Title: MEASURING AND MONITORING URBAN MOBILITY IN TEXAS  
Start 09/01/87 End 08/31/93  
Comment:  
Researcher(s) TJ LOMAX (TTI)

Report No. 1131-1      (PUBLISHED)      TRANSPORTATION CORRIDOR MOBILITY ESTIMATION METHODOLOGY  
Date August, 1988 Pages: 43  
Note:  
Author(s) TJ LOMAX

Report No. 1131-2      (PUBLISHED)      ROADWAY CONGESTION IN MAJOR URBAN AREAS 1982 TO 1987  
Date October, 1989 Pages: 104  
Note:  
Author(s) JW HANKS; TJ LOMAX

Report No. 1131-3 (PUBLISHED) ROADWAY CONGESTION IN MAJOR URBAN AREAS 1982 TO 1988  
Date July, 1990 Pages: 148  
Note:  
Author(s) JW HANKS; TJ LOMAX

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Study No. 0-1132 Status: TERMINATED Title: A MODEL TO EVALUATE DHT LOAD ZONING POLICY ON THE FM SYSTEM  
Start / / End 08/31/88  
Comment:  
Researcher(s) A GARCIA-DIAZ (TTI)

Report No. 1132-1F (PUBLISHED) A MODEL FOR ESTIMATING REHABILITATION COSTS ASSOCIATED  
Date November, 1988 Pages: 84 NTIS PB90147885/AS WITH THE ELIMINATION OF LOAD ZONES IN THE FM SYSTEM  
Note:  
Author(s) A GARCIA-DIAZ

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Study No. 0-1133 Status: TERMINATED Title: ANIMATED GRAPHICS FOR INTERSECTION  
Start / / End / /  
Comment:  
Researcher(s) CL LEE (CTR)

Report No. 1133-1F Vol. 1 (PUBLISHED) TEXAS MODEL FOR INTERSECTION TRAFFIC INSTALLATION  
Date December, 1987 Pages: 239 INSTRUCTIONS AND PRIMER  
Note:  
Author(s) CE LEE

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Study No. 0-1134 Status: TERMINATED Title: EFFECT OF MIX DESIGN AND EQUIPMENT ON WORKABILITY AND  
Start 09/01/88 End 08/31/90 RIDEABILITY OF ACP  
Comment:  
Researcher(s) DN LITTLE (TTI)

Report No. 1134-1F (PUBLISHED) EFFECT OF EQUIPMENT AND MIX VARIABLES ON SURFACE SHADOWS IN  
Date November, 1990 Pages: 203 ASPHALT CONCRETE MATS  
Note:  
Author(s) JA SCHEROCMAN; MA RODRIQUEZ et al

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Study No. 0-1135 Status: TERMINATED Title: PREVENTION OF FIRE ANT DAMAGE TO SIGNAL CONTROL  
Start 07/15/86 End 08/31/89  
Comment:  
Researcher(s) CJ MESSER (TTI)

Report No. 1135-1 (PUBLISHED) A SURVEY OF FIRE ANT INFESTATION IN TRAFFIC SIGNAL SYSTEMS  
Date November, 1986 Pages: 21  
Note:  
Author(s) CJ MESSER; SD VINSON et al

Report No. 1135-2F (PUBLISHED) PREVENTION OF FIRE ANT DAMAGE TO SIGNAL CONTROL  
Date August, 1989 Pages: 61  
Note:  
Author(s) WP MACKAY; SD MAJDI et al

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Study No. 0-1137 Status: TERMINATED Title: BENEFITS OF RESEARCH  
Start / / End 08/31/88  
Comment:  
Researcher(s) WF MCFARLAND (TTI)

Report No. 1137-1F (PUBLISHED) A METHOD FOR EVALUATING THE BENEFITS OF RESEARCH PROJECTS  
Date November, 1988 Pages: 218  
Note:  
Author(s) WF MCFARLAND

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Study No. 0-1138 Status: TERMINATED Title: MEDIANS WITH CONTINUOUS AND INTERMITTENT PERMITTED LEFT-TURN  
Start 09/01/87 End 08/31/89 MOVEMENTS  
Comment:  
Researcher(s) CE LEE (CTR)

Report No. 1138-1F (PUBLISHED) CRITERIA FOR THE SELECTION OF A LEFT-TURN MEDIAN DESIGN  
Date January, 1990 Pages: 102  
Note:  
Author(s) S MODUR; RB MACHEMEHL et al

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Study No. 0-1139 Status: INACTIVE Title: INTERACTIVE GRAPHICS INTERSECTION DESIGN SYSTEM  
Start 09/01/88 End 08/31/91  
Comment:  
Researcher(s) RB MACHEMEHL (CTR)

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Study No. 0-1140 Status: TERMINATED Title: EVALUATION OF LOW COST WIM ALTERNATIVE  
Start / / End / /  
Comment:  
Researcher(s) WD CUNAGIN (TTI)

Report No. 1140-1F (PUBLISHED) EVALUATION OF LOW COST WIM ALTERNATIVES  
Date December, 1988 Pages: 51 NTIS PB90205436/AS  
Note:  
Author(s) WD CUNAGIN

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Study No. 0-1141 Status: TERMINATED Title: CRACK IDENTIFICATION USING NON-CONTACT LASERS ON THE  
Start 09/01/86 End 08/31/89 PROFILOMETER  
Comment:  
Researcher(s) RS WALKER (UTA)

Report No. 1141-1 (PUBLISHED) THE USE OF LASERS FOR PAVEMENT CRACK DETECTION  
Date December, 1988 Pages: 79 NTIS PB90 127390AS  
Note:  
Author(s) RS WALKER; LD PAYNE

Report No. 1141-2F (PUBLISHED) PAVEMENT CRACK DETECTION WITH LASERS  
Date January, 1990 Pages: 78  
Note:  
Author(s) RS WALKER; C KUO

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Study No. 0-1142 Status: TERMINATED Title: ANALYSIS OF THE TEXAS TRAFFIC-COUNTING PROGRAM  
Start / / End 08/31/88  
Comment:  
Researcher(s) WD CUNAGIN (TTI)

Report No. 1142-1F (PUBLISHED) ANALYSIS OF TEXAS TRAFFIC MONITORING PROGRAM  
Date January, 1989 Pages: 65  
Note:  
Author(s) WD CUNAGIN; HS NASSIRI

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Study No. 0-1143      Status: TERMINATED      Title: DEMONSTRATION OF THE USE OF THE UNIVERSAL PRODUCT CODE (UPC)  
Start 01/07/87 End 08/31/89      FOR TRUCK IDENTIFICATION  
Comment:  
Researcher(s) J SEILER (D-10)

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Study No. 0-1144      Status: INACTIVE      Title: DEVELOPMENT OF ISO-FOOTCANDLE CURVES FOR HIGHWAY LIGHTING  
Start 09/01/87 End 08/31/91      SYSTEMS  
Comment:  
Researcher(s) RA ZIMMER (TTI)

Report No. 1144-1F      (DRAFT)      DEVELOPMENT OF ISO-FOOTCANDLE CURVES FOR HIGHWAY LIGHTING  
Date August, 1991      Pages: 114  
Note:  
Author(s) RA ZIMMER

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Study No. 0-1145      Status: TERMINATED      Title: AN ALTERNATIVE TO DELINEATORS  
Start 09/09/87 End 08/31/89  
Comment:  
Researcher(s) RA KRAMES (TTI)

Report No. 1145-1F      (PUBLISHED)      AN ALTERNATIVE TO POST-MOUNTED DELINEATORS AT HORIZONTAL  
Date July, 1990      Pages: 111      CURVES ON TWO-LANE HIGHWAYS  
Note:  
Author(s) RA KRAMES; KD TYER et al

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Study No. 0-1146      Status: ACTIVE      Title: A 'BEFORE'-AND-'AFTER' EVALUATION OF THE COMMITTED HIGH-  
Start 09/01/88 End 08/31/93      OCCUPANCY VEHICLE TRANSITWAY PROJECTS  
Comment:  
Researcher(s) DL CHRISTIANSEN (TTI)

Report No. 1146-1      (PUBLISHED)      THE STATUS AND EFFECTIVENESS OF THE HOUSTON TRANSITWAY  
Date July, 1989      Pages:      SYSTEM, 1988  
Note:  
Author(s) DL CHRISTIANSEN; D MORRIS

Report No. 1146-2      (PUBLISHED)      THE STATUS AND EFFECTIVENESS OF THE HOUSTON TRANSITWAY  
Date March, 1990      Pages: 242      NTIS PB91-164582      SYSTEM, 1989  
Note:  
Author(s) DL CHRISTIANSEN; DE MORRIS

Report No. 1146-3      (PUBLISHED)      THE HIGH-OCCUPANCY VEHICLE FACILITY SYSTEM HOUSTON, TEXAS  
Date September, 1990      Pages: 13  
Note: BROCHURE (RATHER THAN REGULAR REPORT)  
Author(s) DL CHRISTIANSEN

Report No. 1146-4      (DRAFT)      AN EVALUATION OF THE HOUSTON HIGH-OCCUPANCY VEHICLE LANE  
Date June, 1991      Pages: 130      SYSTEM  
Note:  
Author(s) DL CHRISTIANSEN; DE MORRIS

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Study No. 0-1147      Status: TERMINATED      Title: OPTIMIZATION OF GUARDFENCE DESIGN AND USE  
Start / / End 08/31/88  
Comment:  
Researcher(s) DL SICKING (TTI)

Report No. 1147-1F (PUBLISHED) OPTIMIZATION OF STRONG POST W-BEAM GUARDRAIL  
Date November, 1988 Pages: 105  
Note:  
Author(s) DL SICKING; RP BLIGH et al

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Study No. 0-1148 Status: INACTIVE Title: GUIDELINES FOR OPERATIONAL CONTROL OF DIAMOND INTERCHANGES  
Start 09/01/87 End 08/31/91  
Comment:  
Researcher(s) CJ MESSER (TTI)

Report No. 1148-1 (PUBLISHED) A NATIONAL SURVEY OF SINGLE-POINT URBAN INTERCHANGES  
Date March, 1989 Pages: 62 NTIS PB90208869/AS  
Note:  
Author(s) JA BONNESON; CJ MESSER

Report No. 1148-2 (DRAFT) TRAFFIC SIGNAL TIMING MODELS FOR OVERSATURATED SIGNALIZED INTERCHANGES  
Date January, 1991 Pages: 118  
Note:  
Author(s) Y KIM; CJ MESSER

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Study No. 0-1149 Status: TERMINATED Title: INVESTIGATION OF HIGHWAY PROJECT CONSTRUCTABILITY IMPROVEMENT  
Start 10/29/87 End 08/31/90  
Comment:  
Researcher(s) WV WARD (CTR)

Report No. 1149-1 (PUBLISHED) HIGHWAY CONSTRUCT \* ABILITY GUIDE  
Date July, 1990 Pages: 24  
Note:  
Author(s) F HUGO; JT O'CONNOR et al

Report No. 1149-2 (PUBLISHED) SPECIFICATION IMPROVEMENTS FOR ENHANCED CONSTRUCTABILITY  
Date January, 1990 Pages: 176  
Note:  
Author(s) F HUGO; JT O'CONNOR et al

Report No. 1149-3 (NOT PUBLISHED) A MODEL FOR THE IDENTIFICATION AND EVALUATION OF HIGHWAY CONSTRUCTABILITY IMPROVEMENT TACTICS  
Date October, 1990 Pages: 108  
Note:  
Author(s) F HUGO; JT O'CONNOR et al

Report No. 1149-4 (NOT PUBLISHED) COMPENDIUM OF HIGHWAY CONSTRUCTABILITY H.O.T. OUTLINES  
Date November, 1990 Pages:  
Note:  
Author(s) JT O'CONNOR; F HUGO et al

Report No. 1149-5 (NOT PUBLISHED) A METHODOLOGY FOR REDUCING HIGHWAY CONSTRUCTION CLAIMS AND ENHANCING CONSTRUCTABILITY  
Date January, 1991 Pages: 206  
Note:  
Author(s) A CHMAYTELLI; JT O'CONNOR et al

Report No. 1149-6F (NOT PUBLISHED) FURTHERING IMPLEMENTATION OF THE HIGHWAY CONSTRUCTABILITY ENHANCEMENT PROGRAM  
Date December, 1991 Pages:  
Note:  
Author(s)

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Study No. 0-1150      Status: TERMINATED      Title: PRODUCT EVALUATION  
 Start 11/12/86 End / /  
 Comment:  
 Researcher(s) L LUKEFAHR (D-10)

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Study No. 0-1151      Status: TERMINATED      Title: PAVEMENT MARKER REFLECTIVITY  
 Start 02/01/88 End 01/31/90  
 Comment:  
 Researcher(s) VJ PEZOLDT (TTI)

Report No. 1151-1F      (PUBLISHED)      RAISED PAVEMENT MARKER REFLECTIVITY  
 Date November, 1990 Pages: 117  
 Note:  
 Author(s) VJ PEZOLDT; RJ KOPPA et al

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Study No. 0-1152      Status: TERMINATED      Title: OPERATIONAL AND SIGNING EVALUATION OF SIX-LANE INTERSTATES  
 Start 12/15/87 End 08/31/90  
 Comment:  
 Researcher(s) T URBANIK (TTI)

Report No. 1152-1F      (PUBLISHED)      AN OPERATIONAL EVALUATION OF TRUCK RESTRICTIONS ON SIX-LANE  
 Date August, 1990 Pages: 154      RURAL INTERSTATES IN TEXAS  
 Note:  
 Author(s) M ZOVOING; T URBANIK et al

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Study No. 0-1153      Status: ACTIVE      Title: IMPROVING THE EFFICIENCY, EFFECTIVENESS, AND RESPONSIVENESS  
 Start 10/31/88 End 08/31/92      OF THE TRAFFIC ASSIGNMENT PROCESS  
 Comment:  
 Researcher(s) GB DRESSER (TTI)

Report No. 1153-1      (PUBLISHED)      MULTIPATH TRAFFIC ASSIGNMENT: A REVIEW OF LITERATURE  
 Date September, 1990 Pages: 147  
 Note:  
 Author(s) CY WANG; VG STOVER et al

Report No. 1153-2      (PUBLISHED)      AN IMPROVED TRAVEL ASSIGNMENT PROCESS FOR PROJECT-LEVEL  
 Date August, 1990 Pages: 225      ANALYSIS  
 Note:  
 Author(s) CS CHUNG; VG STOVER et al

Report No. 1153-3      (PUBLISHED)      A COMPARISON OF TRAFFIC ASSIGNMENT TECHNIQUES  
 Date August, 1990 Pages: 62  
 Note:  
 Author(s) DM CHANG; GB DRESSER

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Study No. 0-1154      Status: TERMINATED      Title: DATA COLLECTION TECHNOLOGY AND SUPPORT  
 Start 10/15/86 End 08/31/89  
 Comment:  
 Researcher(s) WD CUNAGIN (TTI)

Report No. 1154-1F      (NOT PUBLISHED)      DATA COLLECTION TECHNOLOGY AND SUPPORT  
 Date November, 1989 Pages: 12  
 Note:  
 Author(s) WD CUNAGIN

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Study No. 0-1155      Status: TERMINATED      Title: DESIGN AND MANUFACTURE OF SUPERIOR ASPHALT BINDERS  
Start 09/01/87   End 08/31/90  
Comment:  
Researcher(s) JA BULLIN (TTI)

Report No. 1155-1F      (DRAFT)      DESIGN AND MANUFACTURE OF SUPERIOR ASPHALT BINDERS  
Date June, 1991      Pages: 273  
Note:  
Author(s) RR DAVISON; JA BULLIN et al

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Study No. 0-1156      Status: TERMINATED      Title: ECONOMIC EFFECTIVENESS OF REJUVENATING AGENTS AND DILUTED ASPHALT SEALS  
Start 09/01/87   End 08/31/90  
Comment:  
Researcher(s) JW BUTTON (TTI)

Report No. 1156-1F      (DRAFT)      EFFECTIVENESS OF FOG SEALS AND REJUVENATORS FOR BITUMINOUS PAVEMENT SURFACES  
Date April, 1991      Pages: 88  
Note:  
Author(s) CK ESTAKHRI; H AGARWAL

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Study No. 0-1157      Status: TERMINATED      Title: GUIDELINES AND SPECIFICATIONS FOR ASPHALT EMULSION SEAL COATS  
Start 09/01/87   End 08/31/90  
Comment:  
Researcher(s) JW BUTTON (TTI)

Report No. 1157-1F      (DRAFT)      INVESTIGATION OF LABORATORY TEST METHODS TO DETERMINE CURING RATE OF ASPHALT EMULSION  
Date November, 1991   Pages: 113  
Note:  
Author(s) CK ESTAKHRI; D SAYLAK et al

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Study No. 0-1158      Status: TERMINATED      Title: IMPACT OF AGGREGATE GRADATION AND TYPE ON ASPHALT CONCRETE MIXTURE CHARACTERISTICS AND PAVEMENT PERFORMANCE  
Start 09/01/87   End 08/31/90  
Comment:  
Researcher(s) TW KENNEDY (CTR)WE ELMORE (CTR)

Report No. 1158-1F      (PUBLISHED)      IMPACT OF AGGREGATE GRADATION AND TYPE ON ASPHALT MIXTURE CHARACTERISTICS  
Date November, 1990   Pages: 224  
Note:  
Author(s) DG HAZLETT; TW KENNEDY

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Study No. 0-1159      Status: INACTIVE      Title: IN-PLACE PROPERTIES OF BASE COURSE AND SUBGRADES WITH NON-DESTRUCTIVE TESTING  
Start 09/01/87   End 08/31/91  
Comment:  
Researcher(s) T SCULLION (TTI)

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Study No. 0-1160      Status: TERMINATED      Title: EVALUATION OF A SIMPLIFIED PROCEDURE FOR DETERMINING MAXIMUM SPECIFIC GRAVITY OF ASPHALTIC CONCRETE MIXTURES  
Start / /      End 08/31/88  
Comment:  
Researcher(s) RJ HOLMGREEN (CTR)

Report No. 1160-1F      (NOT PUBLISHED)      EVALUATION OF A SIMPLIFIED PROCEDURE FOR DETERMINING MAXIMUM SPECIFIC GRAVITY OF ASPHALTIC CONCRETE MIXTURES  
Date March, 1989      Pages: 44  
Note:  
Author(s) RJ HOLMGREEN; TW KENNEDY

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Study No. 0-1161      Status: INACTIVE      Title: DESIGN PROCESS FOR WORK ZONE SPEED CONTROL AND TRAFFIC CONTROL GUIDELINES FOR URBAN ARTERIAL STREET WORK ZONES  
 Start 09/01/88 End 08/31/91  
 Comment:  
 Researcher(s) GL ULLMAN (TTI)

Report No. 1161-1      (PUBLISHED)      TRAFFIC CONTROL GUIDELINES FOR URBAN ARTERIAL STREET WORK ZONES  
 Date September, 1989 Pages: 203  
 Note:  
 Author(s) KN WOMACK; HG HAWKINS et al

Report No. 1161-2      (NOT PUBLISHED)      CATALOG OF WORK ZONE SPEED CONTROL METHODS  
 Date January, 1990 Pages: 69 NTIS PB91-103697  
 Note:  
 Author(s) GL ULLMAN; DR RIESLAND

Report No. 1161-3 Vol. 1      (PUBLISHED)      TRAFFIC CONTROL GUIDELINES FOR URBAN ARTERIAL WORK ZONES - TECHNICAL REPORT  
 Date February, 1991 Pages: 53  
 Note:  
 Author(s) HG HAWKINS; MA OGDEN et al

Report No. 1161-3 Vol. 2      (PUBLISHED)      TRAFFIC CONTROL GUIDELINES FOR URBAN ARTERIAL WORK ZONES - APPENOICES  
 Date February, 1991 Pages: 100  
 Note:  
 Author(s) HG HAWKINS; MA OGDEN et al

Report No. 1161-3 Vol. 3      (PUBLISHED)      URBAN ARTERIAL WORK ZONE DATA  
 Date February, 1991 Pages: 53  
 Note:  
 Author(s) HG HAWKINS; MA OGDEN et al

Report No. 1161-4      (DRAFT)      SELECTING WORK ZONE SPEED LIMITS AND ACTIVE SPEED CONTROL METHODS  
 Date August, 1991 Pages: 59  
 Note:  
 Author(s) GL ULLMAN

Report No. 1161-5 Vol. 1      (DRAFT)      TRAFFIC CONTROL GUIDELINES FOR URBAN ARTERIAL WORK ZONE - VOLUME 1 EXECUTIVE SUMMARY  
 Date August, 1991 Pages: 18  
 Note:  
 Author(s)

Report No. 1161-5 Vol. 2      (DRAFT)      TRAFFIC CONTROL GUIDELINES FOR URBAN ARTERIAL WORK ZONE - VOLUME 2 TECHNICAL REPORT  
 Date August, 1991 Pages: 192  
 Note:  
 Author(s)

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Study No. 0-1162      Status: TERMINATED      Title: INFRARED DETECTORS FOR COUNTING, CLASSIFYING AND WEIGHING VEHICLES  
 Start 01/15/88 End 08/31/90  
 Comment:  
 Researcher(s) CE LEE (CTR)

Report No. 1162-1F      (PUBLISHED)      INFRARED SENSORS FOR COUNTING, CLASSIFYING, AND WEIGHING VEHICLES  
 Date December, 1990 Pages: 100  
 Note:  
 Author(s) JE GARNER; CL LEE et al

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Study No. 0-1163      Status: TERMINATED      Title: EVALUATION OF LOOP DETECTOR INSTALLATION PROCEDURES AND  
Start 09/01/88 End 08/31/90      PREPARATION OF A TEXAS TRAFFIC DETECTOR HANDBOOK  
Comment:  
Researcher(s) DL WOODS (TTI)

Report No. 1163-1      (PUBLISHED)      TEXAS TRAFFIC SIGNAL DETECTOR MANUAL  
Date February, 1991      Pages: 72  
Note:  
Author(s) DL WOODS

Report No. 1163-2      (NOT PUBLISHED)      DOCUMENTATION MANUAL INDUCTION LOOP DETECTOR SHAPE  
Date July, 1990      Pages: 117      DETECTION PATTERNS  
Note:  
Author(s) DL WOODS

Report No. 1163-3F      (DRAFT)      EVALUATION OF LOOP DETECTOR INSTALLATION PROCEDURES AND  
Date July, 1991      Pages: 72      PREPARATION OF A TEXAS TRAFFIC SIGNAL DETECTOR MANUAL  
Note:  
Author(s) DL WOODS

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Study No. 0-1164      Status: INACTIVE      Title: IMPLEMENTATION GUIDELINES FOR TRAFFIC SIGNAL RETIMING  
Start 03/30/89 End 08/31/91      PROJECTS  
Comment:  
Researcher(s) DB FAMBRO (TTI)

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Study No. 0-1165      Status: ACTIVE      Title: MOISTURE MOVEMENT UNDER THE PAVEMENT STRUCTURE  
Start 09/01/87 End 08/31/92  
Comment:  
Researcher(s) RL LYTTON (TTI)

Report No. 1165-1 Vol. 1      (PUBLISHED)      MOISTURE MOVEMENT UNDER THE PAVEMENT STRUCTURE  
Date November, 1989      Pages: 439  
Note:  
Author(s) M PICORNELL; M ASRI BIN ABD RAHIM

Report No. 1165-1 Vol. 2      (PUBLISHED)      MOISTURE MOVEMENT UNDER THE PAVEMENT STRUCTURE  
Date November, 1989      Pages: 493  
Note:  
Author(s) M PICORNELL; M ASRI BIN ABD RAHIM

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Study No. 0-1167      Status: INACTIVE      Title: DEVELOP SMOOTHNESS SPECIFICATIONS FOR RIGID AND FLEXIBLE  
Start 09/01/87 End 08/31/91      PAVEMENTS  
Comment:  
Researcher(s) WR HUDSON (CTR)

Report No. 1167-1      (DRAFT)      THE DEVELOPMENT OF SMOOTHNESS SPECIFICATIONS FOR RIGID AND  
Date January, 1991      Pages: 106      FLEXIBLE PAVEMENTS IN TEXAS  
Note:  
Author(s) R HARRISON; C BERTRAND

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Study No. 0-1168      Status: TERMINATED      Title: DEVELOPMENT OF END-RESULT ACCEPTANCE SPECIFICATIONS FOR HMAC  
Start 09/01/87 End 08/31/90  
Comment:  
Researcher(s) TW KENNEDY (CTR)

Report No. 1168-1F (NOT PUBLISHED) DEVELOPMENT OF END-RESULT ACCEPTANCE SPECIFICATIONS FOR  
Date January, 1991 Pages: 74 HMAc  
Note:  
Author(s) WE ELMORE; TW KENNEDY

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Study No. 0-1169 Status: INACTIVE Title: CONCRETE PAVEMENT DESIGN UPDATE  
Start 09/01/87 End 08/31/91  
Comment:  
Researcher(s) WR HUDSON (CTR)BF MCCULLOUGH (CTR)

Report No. 1169-1 (NOT PUBLISHED) A STUDY OF DRAINAGE COEFFICIENTS FOR CONCRETE PAVEMENTS  
Date May, 1989 Pages: 78 IN TEXAS  
Note:  
Author(s) S VANICHVATANA; H CASTEDO et al

Report No. 1169-2 (DRAFT) MECHANISTIC ANALYSIS OF CONTINUOUSLY REINFORCED CONCRETE  
Date March, 1991 Pages: 206 PAVEMENTS CONSIDERING MATERIAL CHARACTERISTICS, VARIABILITY  
Note: AND FATIGUE  
Author(s) M WON; K HANKINS et al

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Study No. 0-1170 Status: INACTIVE Title: IMPROVED ACP MIXTURE DESIGN: DEVELOPMENT AND VERIFICATION  
Start 09/01/87 End 08/31/91  
Comment: CONTINUING STUDY  
Researcher(s) DN LITTLE (TTI)

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Study No. 0-1171 Status: TERMINATED Title: CAPACITY OF FORM-HANGER ANCHORS  
Start 09/01/87 End 08/31/89  
Comment:  
Researcher(s) RW JAMES (TTI)

Report No. 1171-1F (PUBLISHED) CAPACITY OF FORM-HANGER ANCHORS IN PRESTRESSED CONCRETE  
Date October, 1989 Pages: 44 NTIS PB91 198275 GIRDERS  
Note:  
Author(s) RW JAMES

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Study No. 0-1172 Status: TERMINATED Title: IMPROVEMENTS IN SPECIALLY STRESSED BITUMINOUS PAVEMENTS  
Start 09/01/87 End 08/31/89  
Comment:  
Researcher(s) JW BUTTON (TTI)

Report No. 1172-1F (PUBLISHED) AVOIDING EARLY FAILURE OF INTERSECTION PAVEMENTS  
Date November, 1989 Pages: 122 NTIS PB91-119388  
Note:  
Author(s) M AMERI-GAZNON; JW BUTTON et al

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Study No. 0-1173 Status: TERMINATED Title: SUBSURFACE DRAINAGE DESIGN FOR NEW PAVEMENTS AND  
Start 09/01/87 End 08/31/90 REHABILITATION OF POORLY DRAINED PAVEMENT STRUCTURES  
Comment:  
Researcher(s) DN LITTLE (TTI)

Report No. 1173-1F (NOT PUBLISHED) SUBSURFACE DRAINAGE DESIGN  
Date November, 1990 Pages: 191  
Note:  
Author(s) WW CROCKFORD; WS YANG

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Study No. 0-1174      Status: TERMINATED      Title: BOND STRESS-SLIP RELATIONSHIPS IN CRCP AT AGES LESS THAN  
Start / /    End / /      28 DAYS  
Comment:  
Researcher(s)

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Study No. 0-1175      Status: ACTIVE      Title: DEVELOPMENT OF DYNAMIC ANALYSIS TECHNIQUES FOR FALLING-  
Start 09/01/87    End 08/31/92      WEIGHT-DEFLECTOMETER DATA  
Comment:  
Researcher(s) WR HUDSON (CTR)RL LYTTON (TTI)

Report No. 1175-1      (PUBLISHED)      DYNAMIC ANALYSIS OF FALLING-WEIGHT DEFLECTOMETER DATA  
Date September, 1988    Pages: 90    NTIS PB90 270695  
Note:  
Author(s) AH MAGNUSON

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Study No. 0-1176      Status: TERMINATED      Title: DEVELOPMENT OF ALTERNATIVE MATERIALS FOR LIME STONE ROCK  
Start 09/01/88    End 08/31/90      ASPHALT  
Comment:  
Researcher(s) D SAYLAK (TTI)

Report No. 1176-1F      (DRAFT)      ALTERNATE MATERIALS FOR LIMESTONE ROCK ASPHALT  
Date May, 1991      Pages: 93  
Note:  
Author(s) LJ SEQUEIRA; D SAYLAK et al

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Study No. 0-1177      Status: INACTIVE      Title: DEVELOPMENT OF ROUTINE RESILIENT MODULUS TESTING FOR USE  
Start 09/01/88    End 08/31/91      WITH THE NEW AASHTO PAVEMENT DESIGN GUIDE  
Comment:  
Researcher(s) S NAZARIAN (UTEP)DN LITTLE (TTI) et al

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Study No. 0-1178      Status: INACTIVE      Title: DESIGN OF CEMENT STABILIZED SOIL RETAINING WALLS WITH  
Start 09/01/87    End 08/31/91      CONCRETE PANEL FACING  
Comment:  
Researcher(s) DV MORRIS (TTI)

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Study No. 0-1179      Status: TERMINATED      Title: CRASH TEST OF MODIFIED C-202 BRIDGE RAIL  
Start 09/01/87    End 08/31/89  
Comment:  
Researcher(s) TJ HIRSCH (TTI)

Report No. 1179-1      (PUBLISHED)      CRASH TEST OF MODIFIED TEXAS C202 BRIDGE RAIL  
Date June, 1988      Pages: 58  
Note:  
Author(s) TJ HIRSCH; P ROMERE

Report No. 1179-2F      (PUBLISHED)      CRASH TEST OF TEXAS T202 BRIDGE RAIL  
Date May, 1989      Pages: 48    NTIS PB90-192063  
Note:  
Author(s) TJ HIRSCH; CE BUTH et al

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Study No. 0-1180      Status: TERMINATED      Title: WALL THICKNESS CRITERIA FOR HOLLOW PIERS AND PYLONS  
Start 09/01/87    End 08/31/90  
Comment:  
Researcher(s) JE BREEN (CTR)

✓	Report No. 1180-1F Date November, 1990 Note: Author(s) AW TAYLOR; RB POWELL et al	(DRAFT)	DESIGN AND BEHAVIOR OF THIN WALLS IN HOLLOW CONCRETE BRIDGE PIERS AND PYLONS
-----			
Study No. 0-1181	Status: TERMINATED Start 09/01/87 End 08/31/90 Comment: Researcher(s) JO JIRSA (CTR)	Title: BOND AND ANCHORAGE OF EPOXY-COATED REINFORCEMENT	
✓	Report No. 1181-1F Date November, 1990 Note: Author(s) BS HAMAD; JO JIRSA et al	(PUBLISHED)	EFFECT OF EPOXY COATING ON BOND AND ANCHORAGE OF REINFORCEMENT IN CONCRETE STRUCTURES
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Study No. 0-1182	Status: INACTIVE Start 09/01/87 End 08/31/91 Comment: Researcher(s) P ROSCHKE (TTI)	Title: EVALUATION OF FACTORS AFFECTING SLABS DUE TO LOCALIZED POST-TENSIONED FORCES	
	Report No. 1182-1 Date June, 1990 Note: Author(s) PN ROSCHKE; N INQUE	(PUBLISHED)	EFFECTS OF BANDED POST-TENSIONING IN A PRESTRESSED CONCRETE FLAT SLAB
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Study No. 0-1183	Status: TERMINATED Start 09/01/87 End 08/31/89 Comment: Researcher(s) P ROSCHKE (TTI)	Title: USER-ORIENTED ANALYSIS PACKAGES FOR BRIDGES	
	Report No. 1183-1 Date December, 1988 Note: Author(s) PN ROSCHKE; B EPPERSON et al	(PUBLISHED)	GRAPHICALLY-ORIENTED ANALYSIS OF BEAM COLUMNS WITH MOVABLE LOADS ON MICROCOMPUTERS
	Report No. 1183-2 Date May, 1989 Note: Author(s) P ROSCHKE; S AFTAB	(PUBLISHED)	GRAPHICALLY-ORIENTED NONLINEAR ANALYSIS OF STATICALLY LOADED PLANE FRAMES ON MICROCOMPUTERS
	Report No. 1183-3 Date May, 1989 Note: Author(s) PN ROSCHKE; S AFTAB	(PUBLISHED)	GRAPHICALLY-ORIENTED LINEAR ANALYSIS OF PLANE FRAMES SUBJECTED TO COMPLEX LOADINGS ON MICROCOMPUTERS
	Report No. 1183-4 Date September, 1989 Note: Author(s) PN ROSCHKE; MY SUN	(DRAFT)	GRAPHICALLY-ORIENTED ANALYSIS OF BENT CAPS WITH MOVABLE LOADS ON MICROCOMPUTERS
	Report No. 1183-5F Date November, 1989 Note: Author(s) PN ROSCHKE; VK GADDAM	(PUBLISHED)	GRAPHICALLY-ORIENTED ANALYSIS OF CONTINUOUS BEAMS FOR P-LOADS ON MICROCOMPUTERS
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Study No. 0-1184          Status: ACTIVE                      Title: USING THE MULTI-DEPTH DEFLECTOMETER TO STUDY TIRE PRESSURE  
Start 09/01/88 End 08/31/92                      AND DYNAMIC LOAD EFFECTS ON PAVEMENT  
Comment:  
Researcher(s) T SCULLION (TTI)

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Study No. 0-1185          Status: TERMINATED                      Title: AESTHETICALLY PLEASING BRIDGE RAILS  
Start 09/01/87 End 08/31/90  
Comment:  
Researcher(s) TJ HIRSCH (TTI)

Report No. 1185-1                      (PUBLISHED)                      AESTHETICALLY PLEASING CONCRETE BEAM AND POSTS BRIDGE  
Date March, 1989          Pages: 62          NTIS PB90 147182AS          RAIL - TEXAS TYPE T411  
Note:  
Author(s) TJ HIRSCH; CE BUTH et al

Report No. 1185-2                      (PUBLISHED)                      AESTHETICALLY PLEASING STEEL PIPE BRIDGE RAIL - TEXAS TYPE  
Date May, 1990                  Pages: 60                      T421  
Note:  
Author(s) TJ HIRSCH; CE BUTH et al

Report No. 1185-3F                      (PUBLISHED)                      AESTHETICALLY PLEASING CONCRETE COMBINATION PEDESTRIAN-  
Date February, 1991          Pages: 63                      TRAFFIC BRIDGE RAIL - TEXAS TYPE C411  
Note:  
Author(s) TJ HIRSCH; CE BUTH et al

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Study No. 0-1186          Status: TERMINATED                      Title: ORIGIN-DESTINATION STUDY CONCEPTS: AUSTIN/SAN ANTONIO  
Start / / End 08/31/88  
Comment:  
Researcher(s)

Report No. 1186-1                      (PUBLISHED)                      STUDY DESIGN FOR AUSTIN/SAN ANTONIO ORIGIN-DESTINATION  
Date March, 1987          Pages: 100                      STUDY  
Note:  
Author(s) RW STOKES; T CHIRA-CHAVALA

Report No. 1186-2 Vol. 1                      (PUBLISHED)                      AUSTIN/SAN ANTONIO ORIGIN-DESTINATION STUDY VOLUME I:  
Date December, 1987          Pages: 44                      SUMMARY REPORT  
Note:  
Author(s) RW STOKES; DE MORRIS et al

Report No. 1186-2 Vol. 2                      (PUBLISHED)                      AUSTIN/SAN ANTONIO ORIGIN-DESTINATION STUDY VOLUME II:  
Date January, 1988          Pages: 142                      TECHNICAL APPENDICES  
Note:  
Author(s) RW STOKES; DE MORRIS et al

Report No. 1186-3                      (PUBLISHED)                      AUSTIN/SAN ANTONIO ORIGIN-DESTINATION STUDY  
Date May, 1988                  Pages: 27                      SENSITIVITY ANALYSIS OF TRAFFIC DIVERSION METHODOLOGY  
Note:  
Author(s) RW STOKES; GH HAWKINS

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Study No. 0-1187          Status: TERMINATED                      Title: PUBLIC ATTITUDE SURVEY AND ANALYSIS OF SDHPT ACTIVITIES  
Start / / End 08/31/88  
Comment:  
Researcher(s)



Report No. 1187-1F (PUBLISHED) SURVEY OF ATTITUDES TOWARD THE TEXAS STATE DEPARTMENT OF  
Date November, 1988 Pages: 51 HIGHWAYS AND PUBLIC TRANSPORTATION  
Note:  
Author(s) KN WOMACK; O BURKE

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Study No. 0-1188 Status: TERMINATED Title: CORRIDOR ANALYSIS FOR RECONSTRUCTION ACTIVITIES, TRAFFIC  
Start 04/05/88 End 08/31/90 CONTROL STRATEGIES, AND INCIDENT MANAGEMENT TECHNIQUES  
Comment:  
Researcher(s) CL DUDEK (TTI)

Report No. 1188-1 (PUBLISHED) SYNTHESIS OF TRAFFIC MANAGEMENT TECHNIQUES FOR MAJOR  
Date May, 1989 Pages: 116 NTIS PB91 165952 FREEWAY CONSTRUCTION  
Note:  
Author(s) GL ULLMAN; RA KRAMES et al

Report No. 1188-2 (PUBLISHED) DEVELOPMENT OF EXPERT SYSTEMS FOR FREEWAY INCIDENT  
Date February, 1991 Pages: 47 MANAGEMENT: LITERATURE REVIEW  
Note:  
Author(s) EC CHANG

Report No. 1188-3 (PUBLISHED) DEVELOPMENT OF EXPERT SYSTEMS FOR FREEWAY INCIDENT  
Date February, 1991 Pages: 34 MANAGEMENT: MICROCOMPUTER USER'S GUIDE  
Note:  
Author(s) EC CHANG; K HUANG

Report No. 1188-4F (PUBLISHED) CORRIDOR TRAFFIC MANAGEMENT PLANNING GUIDELINES FOR MAJOR  
Date February, 1991 Pages: 67 URBAN FREEWAY RECONSTRUCTION  
Note:  
Author(s) RA KRAMES; GL ULLMAN et al

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Study No. 0-1189 Status: ACTIVE Title: AUTOMATIC PHOTO INTERPRETATION SYSTEM FOR THE ARAN  
Start 09/01/88 End 08/31/92  
Comment:  
Researcher(s) RL LYTTON (TTI)

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Study No. 0-1190 Status: TERMINATED Title: TIRE CONTACT PRESSURE DISTRIBUTORS  
Start 09/01/87 End 08/31/89  
Comment:  
Researcher(s) WR HUDSDN (CTR)

Report No. 1190-1 (PUBLISHED) TRUCK TIRE PAVEMENT CONTACT PRESSURE DISTRIBUTION CHARACTER-  
Date July, 1989 Pages: 88 NTIS PB90272196 ISTICS FOR SUPER SINGLE 18-22.5 AND SMOOTH 11R24.5 TIRES  
Note:  
Author(s) RW HANSEN; C BERTRAND et al

Report No. 1190-2F (PUBLISHED) TRUCK TIRE PMNT. CONTACT PRESSURE DISTRI. CHARACTERISTICS  
Date September, 1989 Pages: 56 NTIS PB91 164657 FOR THE BIAS GOODYEAR 18-22.5, THE RADIAL MICHELIN 275/80R/  
Note: 24.5, THE RADIAL MICHELIN 255/70R/22.5 & RADIAL GY 11R24.5  
Author(s) RF PEZO; KM MARSHEK et al

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Study No. 0-1191 Status: TERMINATED Title: USE OF HIGHWAY RIGHTS-OF-WAY BY ROADSIDE BUSINESSES AND  
Start / / End 08/31/88 ITINERANT MERCHANTS  
Comment:  
Researcher(s)

Report No. 1191-1 (PUBLISHED) SURVEY OF STATES RELATIVE TO USE OF HIGHWAY RIGHTS-OF-WAY  
Date September, 1988 Pages: 349 NTIS PB90 272196 FOR BUSINESS PURPOSES  
Note:  
Author(s) C VIKTORIN; JT LAMKIN

Report No. 1191-2F (PUBLISHED) USE OF HIGHWAY RIGHTS-OF-WAY ROADSIDE BUSINESSES AND  
Date November, 1988 Pages: 76 NTIS P889 207682AS ITINERANT MERCHANTS  
Note:  
Author(s) JT LAMKIN; RJ KOPPA et al

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Study No. 0-1192 Status: TERMINATED Title: EVALUATION OF THE IMPACT OF THE ACCIDENT AT I-610 AND  
Start / / End / / SH 225 ON MARCH 29, 1982  
Comment:  
Researcher(s)

Report No. 1192-1F (NOT PUBLISHED) EVALUATION OF THE IMPACT OF THE ACCIDENT AT I-610 AND SH  
Date December, 1987 Pages: 54 225 ON MARCH 29, 1982  
Note:  
Author(s) WR MCCASLAND; DL MARVEL et al

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Study No. 0-1193 Status: TERMINATED Title: AN ANALYSIS OF COMMUTING PATTERNS IN LARGE TEXAS URBAN AREAS  
Start 09/11/87 End 08/31/89  
Comment:  
Researcher(s) TJ LOMAX (TTI)

Report No. 1193-1F (PUBLISHED) AN ANALYSIS OF COMMUTING PATTERNS IN TEXAS URBAN AREAS  
Date November, 1987 Pages: 364  
Note:  
Author(s) PB FORD; TJ LOMAX

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Study No. 0-1194 Status: TERMINATED Title: OPTIMUM DISPOSAL METHODS FOR USE ON THE GIWW  
Start 12/15/87 End 12/31/88  
Comment:  
Researcher(s) D BURKE (TTI)

Report No. 1194-1F (PUBLISHED) OPTIMUM DISPOSAL METHODS FOR USE ON THE GULF INTERCOASTAL  
Date November, 1987 Pages: 121 WATERWAY  
Note:  
Author(s) CP GIAMMONA; RW HANN et al

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Study No. 0-1195 Status: INACTIVE Title: LONG-TERM STRENGTH PROPERTIES OF COMPACTED FILLS FOR  
Start 09/01/88 End 08/31/91 EMBANKMENT DESIGN  
Comment:  
Researcher(s) SG WRIGHT (CTR)

✓ Report No. 1195-1 (DRAFT) NUMERICAL MODELING OF THE RESPONSE OF CYLINDRICAL SPECIMENS  
Date November, 1991 Pages: 138 OF CLAY TO DRYING  
Note:  
Author(s)

✓ Report No. 1195-2F (DRAFT) INVESTIGATION OF LONG-TERM STRENGTH PROPERTIES OF PARIS  
Date December, 1991 Pages: 266 AND BEAUMONT CLAYS IN EARTH EMBANKMENTS  
Note:  
Author(s) MK KAYYAL; SG WRIGHT

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Study No. 0-1196	Status: ACTIVE	Title: DEVELOPMENT OF PLANNING AND CAPACITY VALUES FOR URBAN FREEWAYS IN LARGE TEXAS CITIES
Start 03/11/88	End 08/31/92	
Comment:		
Researcher(s) CH WALTERS (TTI)		
Report No. 1196-1	(PUBLISHED)	DEVELOPMENT OF PLANNING VALUES FOR URBAN FREEWAYS IN LARGE TEXAS CITIES
Date November, 1989	Pages: 78	
Note:		
Author(s) CH WALTERS; C POE et al		
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Study No. 0-1197	Status: TERMINATED	Title: ORGANIZATION AND ANALYSIS OF 1987 HMAC FIELD CONSTRUCTION DATA
Start / /	End 08/31/88	
Comment:		
Researcher(s)		
Report No. 1197-1F	Vol. 1 (PUBLISHED)	ORGANIZATION AND ANALYSIS OF 1987 HMAC FIELD CONSTRUCTION DATA
Date November, 1988	Pages: 290	
Note:		
Author(s) M TAHMORESSI; TW KENNEDY		
Report No. 1197-1F	Vol. 2 (PUBLISHED)	ORGANIZATION AND ANALYSIS OF 1987 HMAC FIELD CONSTRUCTION DATA
Date November, 1988	Pages: 438	
Note:		
Author(s) M TAHMORESSI; TW KENNEDY		
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Study No. 0-1198	Status: TERMINATED	Title: CONCRETE STRENGTH DETERMINATION AT EARLY AGES IN THE FIELD
Start 12/14/88	End 08/31/90	
Comment:		
Researcher(s) DW FOWLER (CTR)		
J Report No. 1198-1F	(PUBLISHED)	EARLY AGE STRENGTH OF CONCRETE: A COMPARISON OF SEVERAL NONDESTRUCTIVE TEST METHODS
Date January, 1991	Pages: 388	
Note:		
Author(s) T TELISAK; RL CARRASQUILLO et al		
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Study No. 0-1199	Status: ACTIVE	Title: LIBRARY & TECHNOLOGY TRANSFER SUPPORT OF COOPERATIVE RESEARCH PROGRAM
Start 09/01/87	End / /	
Comment:		
Researcher(s) BF MCCULLOUGH (CTR)		
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Study No. 0-1200	Status: ACTIVE	Title: IMPLEMENTATION OF RESEARCH PROGRAM - REGION 2
Start 04/18/88	End / /	
Comment:		
Researcher(s)		
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Study No. 0-1201	Status: TERMINATED	Title: IMPLEMENTATION OF RESEARCH RESULTS - FIELD AREA 4
Start 04/18/88	End 08/31/88	
Comment:		
Researcher(s)		
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Study No. 0-1202	Status: TERMINATED	Title: REGISTRATION VIOLATION ENFORCEMENTS
Start 09/01/88	End 08/31/89	
Comment:		
Researcher(s) JT LAMKIN (TTI)		

Report No. 1202-1F (PUBLISHED) AN ANALYSIS OF VIOLATIONS OF THE TEXAS MOTOR VEHICLE  
Date May, 1990 Pages: 98 REGISTRATION LAWS AND REVENUE LOSSES  
Note:  
Author(s) JT LAMKIN; MJ MC ALLISTER

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Study No. 0-1203 Status: TERMINATED Title: SIOMETER APPLICATIONS  
Start 09/01/88 End 08/31/89  
Comment:  
Researcher(s) RS WALKER (UTA)

Report No. 1203-1F (PUBLISHED) USE OF THE SIOMETER FOR PROFILE MEASUREMENTS  
Date March, 1991 Pages: 53  
Note:  
Author(s) RS WALKER

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Study No. 0-1204 Status: TERMINATED Title: FIELD EXPERIMENTATION, SPECIAL STUDIES, EVALUATIONS &  
Start 09/01/90 End / / IMPLEMENTATION  
Comment:  
Researcher(s)

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Study No. 0-1205 Status: TERMINATED Title: FINITE-ELEMENT ANALYSIS OF BONDED CONCRETE OVERLAYS  
Start 08/01/88 End 08/31/90  
Comment:  
Researcher(s) BF MCCULLOUGH (CTR)

✓ Report No. 1205-1 (DRAFT) AN EMPIRICAL-MECHANISTIC DESIGN METHOD USING BONDED  
Date January, 1991 Pages: 146 CONCRETE OVERLAYS FOR THE REHABILITATION OF PAVEMENTS  
Note:  
Author(s) WA VAN METZINGER; BF MCCULLOUGH et al

✓ Report No. 1205-2 (DRAFT) DELAMINATION OF BONDED CONCRETE OVERLAYS AT EARLY AGES  
Date January, 1991 Pages: 136  
Note:  
Author(s) JR LUNDY; BF MCCULLOUGH et al

Report No. 1205-3 (DRAFT) FINITE ELEMENT PROGRAM FOR ANALYSIS OF BONDED CONCRETE  
Date July, 1990 Pages: 56 OVERLAYS  
Note:  
Author(s) CV VALLABHAN; M ASIK et al

✓ Report No. 1205-4F (DRAFT) DESIGN AND CONSTRUCTION OF BONDED CONCRETE OVERLAYS  
Date January, 1991 Pages: 82  
Note:  
Author(s) WA VAN METZINGER; JR LUNDY et al

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Study No. 0-1206 Status: ACTIVE Title: THE FINANCIAL BENEFITS ASSOCIATED WITH JOINT DEVELOPMENT  
Start 09/01/91 End 08/31/92 OF HIGHWAY/TRANSIT IMPROVEMENTS IN TEXAS  
Comment:  
Researcher(s) DL BULLARD (TTI)

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Study No. 0-1207 Status: TERMINATED Title: WIND DRAG COEFFICIENTS FOR OCTAGONAL SHAPES  
Start 09/01/88 End 08/31/89  
Comment:  
Researcher(s) KC MEHTA (TECH)

Report No. 1207-1F	(PUBLISHED)	WIND DRAG COEFFICIENTS FOR OCTAGONAL CYLINDERS
Date March, 1990	Pages: 39	
Note:		
Author(s) KC MEHTA; DL RITCHIE et al		

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Study No. 0-1208	Status: TERMINATED	Title: STRENGTH OF SHORT RETROFIT ANCHOR BOLTS SUBJECTED TO ENVIRONMENTAL CYCLING
Start 09/01/88	End 08/31/90	
Comment:		
Researcher(s) RE KLINGNER (CTR)		

Report No. 1208-1F	(DRAFT)	EFFECT OF ENVIRONMENTAL CYCLING ON THE STRENGTH OF SHORT RETROFIT ANCHOR BOLTS
Date July, 1991	Pages: 206	
Note:		
Author(s) CC HIGGINS; RE KLINGNER		

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Study No. 0-1209	Status: TERMINATED	Title: EFFECT OF IMPROVED BONDING OF EXTERNAL TENDONS AND THE USE OF SUPPLEMENTAL CONTINUOUS BONDED TENDONS IN EXTERNAL POST-TENSIONED BRIDGES
Start 09/01/88	End 08/31/90	
Comment:		
Researcher(s) ME KREGER (CTR)		

Report No. 1209-1	(PUBLISHED)	BONDING OF EXTERNAL TENDONS AT DEVIATORS
Date January, 1991	Pages: 150	
Note:		
Author(s)		

Report No. 1209-2F	(DRAFT)	ENHANCING THE STRENGTH AND DUCTILITY OF POST-TENSIONED SEGMENTAL BOX-GIRDER BRIDGES
Date April, 1991	Pages: 378	
Note:		
Author(s) AH HINDI; ME KREGER et al		

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Study No. 0-1210	Status: ACTIVE	Title: INFLUENCE OF DEBONDING OF STRANDS ON BEHAVIOR OF COMPOSITE PRESTRESSED CONCRETE BRIDGE GIRDERS
Start 09/01/88	End 08/31/92	
Comment:		
Researcher(s) NH BURNS (CTR)		

Report No. 1210-1	(DRAFT)	MEASUREMENT OF TRANSFER LENGTH OF PRESTRESSING STRANDS IN PRESTRESSED CONCRETE SPECIMENS
Date March, 1991	Pages: 150	
Note:		
Author(s) IO UNAY; B RUSSELL et al		

Report No. 1210-2	(DRAFT)	SHEAR STRENGTHENING OF PRETENSIONED PRESTRESSED CONCRETE COMPOSITE FLEXURAL MEMBERS
Date March, 1991	Pages: 98	
Note:		
Author(s) R ABOUTAHA; B RUSSELL et al		

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Study No. 0-1211	Status: ACTIVE	Title: FRETTING FATIGUE IN EXTERNAL POST-TENSIONED TENDONS
Start 09/01/88	End 08/31/92	
Comment:		
Researcher(s) JE BREEN (CTR)		

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Study No. 0-1212	Status: TERMINATED	Title: STUDY FOR A COMPREHENSIVE BRIDGE MANAGEMENT SYSTEM FOR TEXAS
Start 09/01/88	End 08/31/90	
Comment:		
Researcher(s) G STUKHART (TTI)		

Report No. 1212-1F (PUBLISHED) STUDY FOR A COMPREHENSIVE BRIDGE MANAGEMENT SYSTEM FOR TEXAS  
Date November, 1990 Pages: 224  
Note:  
Author(s) G STUCKHART; RW JAMES et al

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Study No. 0-1213 Status: TERMINATED Title: A STUDY OF BRIDGE APPROACH INSTABILITY  
Start 09/01/88 End 08/31/90  
Comment:  
Researcher(s) RW JAMES (TTI)

Report No. 1213-1F (DRAFT) A STUDY OF BRIDGE APPROACH ROUGHNESS  
Date July, 1991 Pages: 113  
Note:  
Author(s) D XIN; DG ZOLLINGER et al

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Study No. 0-1214 Status: TERMINATED Title: PREVENTION OF LONGITUDINAL CRACKING IN SURFACES AND FILLS  
Start 09/01/88 End 08/31/90  
Comment:  
Researcher(s) WK WRAY (TECH)

Report No. 1214-1F (PUBLISHED) PREVENTION OF LONGITUDINAL CRACKING IN SURFACES AND FILLS  
Date January, 1991 Pages: 143  
Note:  
Author(s) WK WRAY; CB ELLEPDLA

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Study No. 0-1215 Status: TERMINATED Title: DEVELOPMENT OF COMPUTER PROGRAM FOR LINEAR DYNAMIC ANALYSIS OF FALLING WEIGHT DEFLECTOMETER DATA  
Start / / End 08/31/88  
Comment:  
Researcher(s)

Report No. 1215-1F (PUBLISHED) COMPUTER ANALYSIS OF FWD DATA PART I: VERTICAL DISPLACEMENT COMPUTATIONS ON THE SURFACE OF A UNIFORM (ONE-LAYER) HALF-SPACE DUE TO AN OSCILLATING SURFACE PRESSURE DISTRIBUTION  
Date November, 1988 Pages: 92  
Note:  
Author(s) AH MAGNUSON

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Study No. 0-1216 Status: ACTIVE Title: DRIVER RESPONSES TO TRAFFIC DISTURBANCES AND CONTROL STRATEGIES  
Start 12/14/88 End 08/31/92  
Comment:  
Researcher(s) HS MAHMASSANI (CTR)

Study No. 0-1217 Status: INACTIVE Title: COMPARING STATE TRANSPORTATION SYSTEMS AND AGENCIES THROUGH THE CONSTRUCTION AND ANALYSIS OF REGIONAL AND STATE-LEVEL DATABASES  
Start 10/12/90 End 08/31/91  
Comment:  
Researcher(s) D BURKE (TTI)

Report No. 1217-1F (DRAFT) COMPARING STATE TRANSPORTATION SYSTEMS AND AGENCIES THROUGH THE CONSTRUCTION AND ANALYSIS OF REGIONAL AND STATE-LEVEL DATABASES  
Date November, 1991 Pages: 105  
Note:  
Author(s) W LUKER; D BURKE

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Study No. 0-1218 Status: TERMINATED Title: DESIGN AND CONSTRUCTION OF AN ENVIRONMENTALLY CONTROLLED TEST FACILITY FOR PORTLAND CEMENT CONCRETE  
Start 09/01/88 End 08/31/89  
Comment:  
Researcher(s) RL CARRASQUILLO (CTR)

Report No. 1218-1F (NOT PUBLISHED) DESIGN AND CONSTRUCTION OF AN ENVIRONMENTALLY-CONTROLLED  
Date November, 1989 Pages: 42 TEST FACILITY FOR PORTLAND CEMENT CONCRETE  
Note:  
Author(s) AR TOUSSAINT; DW FOWLER et al

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Study No. 0-1219 Status: INACTIVE Title: TWO-POST DRIVEABLE SIGN SUPPORT  
Start 09/01/90 End 08/31/91  
Comment:  
Researcher(s) JR MORGAN (TTI)

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Study No. 0-1220 Status: TERMINATED Title: DEVELOPMENT OF LOW COST PIEZOELECTRIC FILM WIM SYSTEM  
Start 09/01/88 End 08/31/90  
Comment:  
Researcher(s) WD CUNAGIN (TTI)

Report No. 1220-1F (DRAFT) DEVELOPMENT OF LOW COST PIEZOELECTRIC FILM WIM SYSTEM  
Date February, 1991 Pages: 30  
Note:  
Author(s) W CUNAGIN; S MAJDI et al

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Study No. 0-1221 Status: TERMINATED Title: AN ASSESSMENT OF TRANSPORTATION INFRASTRUCTURE NEEDS  
Start 03/07/89 End 08/31/89  
Comment:  
Researcher(s) WF MCFARLAND (TTI)

Report No. 1221-1F (DRAFT) AN ASSESSMENT OF TRANSPORTATION INFRASTRUCTURE NEEDS  
Date February, 1991 Pages: 86  
Note:  
Author(s) WF MCFARLAND; MK CHUI et al

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Study No. 0-1222 Status: INACTIVE Title: ESTABLISHMENT OF ACCEPTANCE LIMITS FOR THE 5-CYCLE MSS AND  
Start 09/01/89 End 08/31/91 MODIFIED WET BALL TESTS FOR AGGREGATES USED IN SEAL  
Comment: COATS & HMA SURFACES  
Researcher(s) AH MEYER (CTR)

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Study No. 0-1223 Status: TERMINATED Title: EVALUATION AND IMPLEMENTATION OF ARAN UNIT  
Start 09/01/88 End 08/31/90  
Comment:  
Researcher(s) WR HUDSON (CTR)

Report No. 1223-1 (DRAFT) EVALUATION AND IMPLEMENTATION OF THE ROUGHNESS MEASURING  
Date September, 1990 Pages: 170 SUBSYSTEM OF THE ARAN UNIT  
Note:  
Author(s) J LU; C BERTRAND et al

Report No. 1223-2F (DRAFT) EVALUATION AND IMPLEMENTATION OF THE AUTOMATIC ROAD  
Date July, 1991 Pages: 110 ANALYZER (ARAN)  
Note:  
Author(s) J LU; C BERTRAND et al

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Study No. 0-1224 Status: TERMINATED Title: ANALYSIS OF HIGHWAY IMPACT ON WATER QUALITY IN TEXAS  
Start / / End / /  
Comment: RENUMBERED FROM 1-8-78-191  
Researcher(s)

Report No. 1224-1F (PUBLISHED) ATMOSPHERIC PARTICULATE ANALYSIS AND IMPACT OF HIGHWAY  
Date June, 1982 Pages: 49 NTIS PB83195172/AS RUNOFF ON WATER QUALITY IN TEXAS  
Note:  
Author(s) RD MOE; JA BULLIN et al

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Study No. 0-1225 Status: TERMINATED Title: PREPARATION OF A TEXAS MANUAL FOR PLANNING, DESIGN, AND  
Start 10/31/88 End 08/31/90 OPERATION OF STREETS AND HIGHWAYS WITH PUBLIC TRANSPORTATION  
Comment: SYSTEMS  
Researcher(s) T URBANIK (TTI)

Report No. 1225-1 (PUBLISHED) GUIDELINES FOR PLANNING, DESIGNING AND OPERATING TRANSIT-  
Date September, 1989 Pages: 92 RELATED STREET IMPROVEMENTS: SURVEY OF CURRENT PRACTICE  
Note:  
Author(s) RW STOKES; P LUEDTKE et al

Report No. 1225-2F (PUBLISHED) GUIDELINES FOR PLANNING, DESIGNING, AND OPERATING  
Date August, 1990 Pages: 53 NTIS PB91-19B226 BUS-RELATED STREET IMPROVEMENTS  
Note:  
Author(s) K FITZPATRICK; RW STOKES et al

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Study No. 0-1226 Status: TERMINATED Title: MITIGATION OF TRAFFIC MORTALITY OF ENDANGERED BROWN PELICANS  
Start 09/29/88 End 08/31/90 ON BRIDGES  
Comment:  
Researcher(s) RW JAMES (TTI)

Report No. 1226-1F (PUBLISHED) MITIGATION OF TRAFFIC MORTALITY OF ENDANGERED BROWN PELICANS  
Date October, 1990 Pages: 40 ON COASTAL BRIDGES  
Note: ]  
Author(s) LK OWENS; RW JAMES et al

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Study No. 0-1227 Status: ACTIVE Title: EXPEDITING URBAN PAVEMENT CONSTRUCTION  
Start 09/01/89 End 08/31/92  
Comment:  
Researcher(s) WV WARD (CTR)

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Study No. 0-1228 Status: INACTIVE Title: ROLE OF SDHPT IN STATEWIDE ECONOMIC DEVELOPMENT  
Start 09/01/89 End 08/31/91  
Comment:  
Researcher(s) EJ WASHINGTON (TTI)

Report No. 1228-1 (PUBLISHED) STATE HIGHWAY INVESTMENT AND ECONOMIC DEVELOPMENT: STATE OF  
Date October, 1990 Pages: 75 THE ART REVIEW  
Note:  
Author(s) EJ WASHINGTON; N PINNOI et al

Report No. 1228-2F (DRAFT) ECONOMIC DEVELOPMENT IMPACTS OF EXPENDITURES FOR STATE  
Date August, 1991 Pages: 65 HIGHWAY IMPROVEMENTS IN TEXAS: PRELIMINARY FINDINGS  
Note:  
Author(s) RW STOKES; N PINNOI et al

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Study No. 0-1229 Status: ACTIVE Title: THE COSTS AND EFFECTIVENESS OF UPGRADE TO STANDARDS AS PART  
Start 09/01/90 End 08/31/92 OF THE SDHPT REHABILITATION PROGRAM  
Comment:  
Researcher(s) JL MEMMOTT (TTI)

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Study No. 0-1230      Status: TERMINATED      Title: SPECIAL PROJECTS  
Start 09/01/88 End 11/21/88  
Comment:  
Researcher(s) J SEILER (D-10)

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Study No. 0-1231      Status: INACTIVE      Title: TRAFFIC MANAGEMENT PLANNING FOR EVACUATIONS AND MAJOR  
EMERGENCIES  
Start 09/01/89 End 08/31/91  
Comment:  
Researcher(s) GL ULLMAN (TTI)

Report No. 1231-1      (PUBLISHED)      SYNTHESIS OF TRAFFIC MANAGEMENT FOR MAJOR EMERGENCIES  
Date January, 1991      Pages: 45  
Note:  
Author(s) GL ULLMAN; ND TROUT et al

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Study No. 0-1232      Status: ACTIVE      Title: URBAN HIGHWAY OPERATIONS RESEARCH AND IMPLEMENTATION  
PROGRAM  
Start 09/01/89 End 08/31/94  
Comment:  
Researcher(s) T URBANIK (TTI)

Report No. 1232-1      (PUBLISHED)      VISIONS  
Date January, 1991      Pages: 4  
Note: BROCHURE  
Author(s) T URBANIK

Report No. 1232-2      (PUBLISHED)      1990 TRANSPORTATION ENGINEERING RESEARCH REPORTS  
Date January, 1991      Pages: 20  
Note:  
Author(s) PS BEASLEY; RJ TIMM

Report No. 1232-3      (DRAFT)      TEXAS HIGHWAY OPERATIONS MANUAL  
Date May, 1991      Pages: 200  
Note: PARTS I AND II ONLY  
Author(s)

Report No. 1232-4      (DRAFT)      OPERATIONAL EVALUATION OF EFFECTS RESULTING FROM FREEWAY-  
FREEWAY INTERCHANGE GEOMETRICS  
Date August, 1991      Pages: 93  
Note:  
Author(s) JW HANKS; WL GISLER et al

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Study No. 0-1233      Status: ACTIVE      Title: NEW TECHNOLOGIES FOR PAVEMENT EVALUATION  
Start 09/01/89 End 08/31/92  
Comment:  
Researcher(s) RL LYTTON (TTI)

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Study No. 0-1234      Status: ACTIVE      Title: INSTRUMENTATION OF SEGMENTAL BOX GIRDER BRIDGES  
AND MULTIPIECE WINGED BOXES  
Start 09/01/89 End 08/31/92  
Comment:  
Researcher(s) JE BREEN (CTR)

Report No. 1234-1      (NOT PUBLISHED)      INSTRUMENTATION OF SEGMENTAL BOX GIRDER BRIDGES AND MULTI-  
PIECE WINGED BOXES  
Date December, 1991      Pages: 20  
Note:  
Author(s)

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Study No. 0-1235      Status: ACTIVE      Title: IMPROVING TRANSPORTATION PLANNING TECHNIQUES  
Start 09/01/89 End 08/31/94  
Comment:  
Researcher(s) GB DRESSER (TTI)

Report No. 1235-1      (DRAFT)      HEAVY TRUCK VOLUME FORECASTING  
Date October, 1990      Pages: 63  
Note:  
Author(s) AJ VLATAS; GB DRESSER

Report No. 1235-2      (DRAFT)      TRIPCALS - PROGRAM SPECIFICATIONS  
Date August, 1991      Pages: 169  
Note:  
Author(s) D PEARSON; GB DRESSER

Report No. 1235-3      (DRAFT)      TRIPCALS USER'S MANUAL  
Date November, 1990      Pages: 120  
Note:  
Author(s) D PEARSON; CE BELL et al

Report No. 1235-4      (DRAFT)      FEASIBILITY OF DEVELOPING A STATEWIDE MODELING SYSTEM FOR  
Date October, 1991      Pages: 73      FORECASTING INTERCITY HIGHWAY VOLUMES IN TEXAS INFO.  
Note:      REPORT #7  
Author(s) GB DRESSER

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Study No. 0-1237      Status: INACTIVE      Title: APPLICATION AND DESIGN OF URBAN ARTERIAL INTERCHANGES  
Start 09/01/89 End 08/31/91  
Comment:  
Researcher(s) VG STOVER (TTI)

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Study No. 0-1239      Status: INACTIVE      Title: BRACING EFFECTS OF BRIDGE DECKS  
Start 09/01/89 End 08/31/91  
Comment:  
Researcher(s) JA YURA (CTR)

Report No. 1239-2      (DRAFT)      AN ULTIMATE LOAD TEST TO STUDY BRACING EFFECTS OF BRIDGE  
Date August, 1991      Pages: 74      DECKS  
Note:  
Author(s) JA YURA

Report No. 1239-3      (DRAFT)      EVALUATION OF BRIDGE DECKS AS LATERAL BRACING FOR  
Date September, 1991      Pages: 92      SUPPORTING STEEL STRINGERS  
Note:  
Author(s) JA YURA; ST WEBB

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Study No. 0-1240      Status: INACTIVE      Title: EXPERT SYSTEM FOR BRIDGE RAIL RETROFIT DESIGN  
Start 09/01/89 End 08/31/91  
Comment:  
Researcher(s) PN ROSCHKE (TTI)

Report No. 1240-1      (DRAFT)      USER GUIDE FOR BRIDGE RAIL EXPERT SYSTEM (BREXS)  
Date September, 1991      Pages: 50  
Note:  
Author(s) PN ROSCHKE; P PREMTHANKORN et al

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Study No. 0-1241      Status: TERMINATED      Title: DEVELOPMENT OF RDS/IGRDS SELF-INSTRUCTIONAL  
 Start 06/07/89 End 03/31/91      COURSE MATERIALS  
 Comment:  
 Researcher(s) JD BLASCHKE (TTI)

Report No. 1241-1      (PUBLISHED)      THE ROLE OF IGRDS IN THE DESIGN OF TEXAS ROADWAYS  
 Date January, 1991      Pages:  
 Note: VIDEO TAPE  
 Author(s) JD BLASCHKE; RA KRAMES

Report No. 1241-2      (DRAFT)      IGRDS PRACTICE PROBLEMS  
 Date October, 1991      Pages: 200  
 Note:  
 Author(s) SA FELDMAN

Report No. 1241-3F      (DRAFT)      DEVELOPMENT OF RDS/IGRDS SELF-INSTRUCTIONAL COURSE MATERIALS  
 Date June, 1991      Pages: 35  
 Note:  
 Author(s) RA KRAMES; JD BLASCHKE et al

Study No. 0-1242      Status: TERMINATED      Title: TELEPHONE SURVEY OF USAGE OF NORTH CENTRAL EXPRESSWAY  
 Start 06/07/89 End 08/31/89  
 Comment:  
 Researcher(s) D BURKE (TTI)

Report No. 1242-1F      (PUBLISHED)      TELEPHONE SURVEY OF DALLAS NORTH CENTRAL EXPRESSWAY USERS  
 Date September, 1989      Pages: 40  
 Note:  
 Author(s)

Study No. 0-1243      Status: ACTIVE      Title: AUTOMATED EQUIPMENT FOR CHARACTERIZING THE PROPERTIES AND  
 Start 09/01/89 End 08/31/92      THICKNESSES OF PAVEMENT LAYERS  
 Comment:  
 Researcher(s) KH STOKOE (CTR)

Study No. 0-1244      Status: ACTIVE      Title: EVALUATION OF THE PERFORMANCE OF TEXAS PAVEMENTS MADE WITH  
 Start 11/17/89 End 08/31/92      DIFFERENT COARSE AGGREGATES  
 Comment:  
 Researcher(s) BF MCCULLOUGH (CTR) DG ZOLLINGER (TTI)

Report No. 1244-1      (DRAFT)      FIELD EVALUATION OF COARSE AGGREGATE TYPES: CRITERIA FOR  
 Date January, 1991      Pages: 52      TEST SECTIONS  
 Note:  
 Author(s)

Study No. 0-1245      Status: INACTIVE      Title: TEXAS ADVANCED TRANSPORTATION TECHNOLOGY PROJECT - PHASE II  
 Start 01/15/90 End 08/31/91  
 Comment:  
 Researcher(s) GS BRIDGES (TTI)

Study No. 0-1246      Status: TERMINATED      Title: DEVELOPMENT OF A STRATEGY FOR ACQUIRING AND USING A  
 Start 09/01/89 End 08/31/90      PROTOTYPE MOBILE LOAD SIMULATOR AND TESTING OF THE MODEL  
 Comment:      MOBILE LOAD SIMULATOR  
 Researcher(s) F HUGO (CTR) K MARSHEK (CTR)

Report No. 1246-2F (PUBLISHED)  
Date November, 1990 Pages: 184  
Note:  
Author(s) F HUGO; BF MCCULLOUGH et al

THE DEVELOPMENT OF A STRATEGY FOR THE IMPLEMENTATION  
OF FULL-SCALE ACCELERATED PAVEMENT TESTING FOR THE TEXAS  
HIGHWAY DEPARTMENT

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Study No. 0-1247 Status: ACTIVE Title: ECONOMIC IMPACT OF HIGHWAY BYPASSES AND LOOPS  
Start 09/01/90 End 08/31/92  
Comment:  
Researcher(s) CM WALTON (CTR)

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Study No. 0-1248 Status: INACTIVE Title: UNAUTHORIZED USE OF HIGHWAY RIGHTS-OF-WAY  
Start 06/13/90 End 08/31/91  
Comment:  
Researcher(s) D BURKE (TTI)

Report No. 1248-1 (NOT PUBLISHED) UNAUTHORIZED USE OF HIGHWAY RIGHTS-OF-WAY  
Date July, 1991 Pages:  
Note: VIDEOTAPE  
Author(s) S ROOP

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Study No. 0-1249 Status: INACTIVE Title: DESIGN AND MANUFACTURE OF SUPERIOR ASPHALT BINDERS  
Start 09/01/90 End 08/31/91  
Comment:  
Researcher(s) JA BULLIN (TTI)

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Study No. 0-1252 Status: INACTIVE Title: AN ASSESSMENT OF STRATEGIES FOR ALLEVIATING URBAN  
Start 10/06/89 End 08/31/91 CONGESTION  
Comment:  
Researcher(s) TJ LOMAX (TTI)

Report No. 1252-1F (DRAFT) AN ASSESSMENT OF STRATEGIES FOR ALLEVIATING URBAN CONGESTION  
Date November, 1991 Pages: 182  
Note:  
Author(s) RH HENK; CM POE et al

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Study No. 0-1253 Status: ACTIVE Title: UPGRADING MARGINAL AGGREGATES FOR USE IN ASPHALT CONCRETE  
Start 09/01/90 End 08/31/92 PAVEMENTS  
Comment:  
Researcher(s) JW BUTTON (TTI)

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Study No. 0-1254 Status: ACTIVE Title: VARIATIONS OF ENTRAINED AIR CONTENT OF PUMPED CONCRETE  
Start 09/01/90 End 08/31/92  
Comment:  
Researcher(s) DG ZOLLINGER (TTI)

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Study No. 0-1255 Status: ACTIVE Title: EFFICIENT UTILIZATION OF ACTUATED CONTROLLERS IN  
Start 09/01/90 End 08/31/93 COORDINATED TRAFFIC CONTROL SYSTEMS  
Comment:  
Researcher(s) EC CHANG (TTI)

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Study No. 0-1256 Status: ACTIVE Title: SELECTION CRITERIA FOR LEFT-TURN PHASING, INDICATION  
Start 09/01/90 End 08/31/92 SEQUENCE, AND AUXILIARY SIGN  
Comment:  
Researcher(s) SA ARDEKANI (UTA)

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Study No. 0-1257	Status: INACTIVE	Title: PREVENTION OF SINGLE VEHICLE RUN-OFF-ROAD ACCIDENTS
Start 09/01/90	End 08/31/91	
Comment:		
Researcher(s) WK WRAY (TECH)		
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Study No. 0-1258	Status: ACTIVE	Title: TEXAS MODEL FOR INTERSECTION TRAFFIC - ADDITIONAL FEATURES
Start 09/01/90	End 08/31/92	
Comment:		
Researcher(s) CE LEE (CTR)		
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Study No. 0-1259	Status: ACTIVE	Title: DEVELOPMENT OF ENGINEERING PROCESSES FOR A COMPREHENSIVE BRIDGE MANAGEMENT SYSTEM FOR TEXAS
Start 02/06/91	End 12/31/91	
Comment:		
Researcher(s) G STUKHARD (TTI)		
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Study No. 0-1260	Status: ACTIVE	Title: ECONOMIC IMPACT OF HIGHWAY WIDENING PROJECTS
Start 09/01/90	End 08/31/93	
Comment:		
Researcher(s) JL BUFFINGTON (TTI)		
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Study No. 0-1261	Status: ACTIVE	Title: ASSESSMENT AND IMPROVEMENT OF MOTORIST UNDERSTANDING OF TRAFFIC CONTROL DEVICES
Start 09/01/90	End 08/31/93	
Comment:		
Researcher(s) JM MOUNCE (TTI)		
Report No. 1261-1	(DRAFT)	ASSESSMENT AND IMPROVEMENT OF MOTORIST UNDERSTANDING OF TRAFFIC CONTROL DEVICES
Date June, 1991	Pages: 114	
Note:		
Author(s) JM MOUNCE; HG HAWKINS et al		
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Study No. 0-1262	Status: ACTIVE	Title: PROCEDURES AND DATA FOR DETERMINING PROJECT COMPLETION TIME
Start 09/01/90	End 08/31/92	
Comment:		
Researcher(s) WF MCFARLAND (TTI)		
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Study No. 0-1263	Status: ACTIVE	Title: BRIDGE RAILING END TREATMENT AT INTERSECTING STREETS AND DRIVES
Start 09/01/90	End 08/31/92	
Comment:		
Researcher(s) HE ROSS (TTI)		
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Study No. 0-1264	Status: ACTIVE	Title: CORROSION PROTECTION FOR POST-TENSION TENDONS AND CABLE STAY SYSTEMS
Start 09/01/90	End 08/31/94	
Comment:		
Researcher(s) JE BREEN (CTR)		
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Study No. 0-1265	Status: ACTIVE	Title: STRUCTURAL INTEGRITY OF EPOXY COATED BARS
Start 09/01/90	End 08/31/93	
Comment:		
Researcher(s) JO JIRSA (CTR)		
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Study No. 0-1266	Status: ACTIVE	Title: OVERWEIGHT PERMIT RULES BASED ON BRIDGE STRESSES
Start 09/01/90	End 08/31/92	
Comment:		
Researcher(s) JS NOEL (TTI)		

Report No. 1266-2 (DRAFT)  
Date November, 1991 Pages: 50  
Note:  
Author(s) RA OSEGUEDA; S GOURABATHINA et al

TOWARDS THE IMPLEMENTATION OF AN OVERLAND PERMIT FORMULA  
USING NETWORK MODELS AND BRINSAP

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Study No. 0-1267 Status: ACTIVE Title: HYDRAULIC CHARACTERISTICS OF RECESSED CURB INLETS AND  
Start 09/01/90 End 08/31/92 BRIDGE DRAINS  
Comment:  
Researcher(s) ER HOLLEY (CTR)

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Study No. 0-1268 Status: ACTIVE Title: NON-DESTRUCTIVE TECHNIQUES FOR DETECTING GROUT DEFECTS IN  
Start 09/01/90 End 08/31/92 CABLE STAYS  
Comment:  
Researcher(s) RW JAMES (TTI)

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Study No. 0-1269 Status: ACTIVE Title: FEASIBILITY OF SAFETY REST AREA COMMERCIALIZATION IN TEXAS  
Start 09/01/90 End 08/31/92  
Comment:  
Researcher(s) R HARRISON (CTR)

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Study No. 0-1270 Status: ACTIVE Title: EVALUATION OF TRANSPORTATION CORPORATIONS AND ROAD UTILITY  
Start 09/01/90 End 08/31/92 DISTRICTS  
Comment:  
Researcher(s) CM WALTON (CTR)

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Study No. 0-1271 Status: ACTIVE Title: FREEWAY CORRIDOR SIGNAL TIMING DEVELOPMENT AND APPLICATION  
Start 09/01/90 End 08/31/93  
Comment:  
Researcher(s) NA CHAUDHARY (TTI)

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Study No. 0-1272 Status: ACTIVE Title: UTILIZATION OF MILLED RAP (RECLAIMED ASPHALT PAVEMENT)  
Start 09/01/90 End 08/31/92  
Comment:  
Researcher(s) JW BUTTON (TTI)

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Study No. 0-1273 Status: ACTIVE Title: METHODS TO ENHANCE SAFETY OF PASSIVE WARNING DEVICES AT  
Start 02/26/91 End 08/31/92 RAILROAD-HIGHWAY GRADE CROSSINGS  
Comment:  
Researcher(s) DB FAMBRO (TTI)

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Study No. 0-1277 Status: ACTIVE Title: FINANCING ALTERNATIVES FOR TEXAS HIGHWAYS  
Start 09/01/91 End 08/31/92  
Comment:  
Researcher(s) WF MCFARLAND (TTI)

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Study No. 0-1278 Status: ACTIVE Title: DEVELOPMENT OF ANALYTICAL TOOLS FOR EVALUATING OPERATIONS  
Start 09/01/91 End 08/31/94 OF LIGHT RAIL AT GRADE WITHIN AN URBAN SIGNAL SYSTEM  
Comment:  
Researcher(s) CH WALTERS (TTI)

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Study No. 0-1279 Status: ACTIVE Title: AIR POLLUTION IMPLICATIONS OF URBAN TRANSPORTATION  
Start 09/01/91 End 08/31/94 INVESTMENT DECISIONS  
Comment:  
Researcher(s) RA KRAMES (TTI)

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Study No. 0-1281	Status: ACTIVE	Title: HIGHWAY PRIVATIZATION IN TEXAS
Start 09/01/91	End 08/31/93	
Comment:		
Researcher(s) M EURITT (CTR)		
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Study No. 0-1282	Status: ACTIVE	Title: INCREASING MOBILITY AND ECONOMIC DEVELOPMENT THROUGH MULTIMODAL CENTERS
Start 09/01/91	End 08/31/93	
Comment:		
Researcher(s) M EURITT (CTR)		
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Study No. 0-1283	Status: ACTIVE	Title: CLOSURE OF THE GIWW AND ITS IMPACT TO THE TEXAS HIGHWAY TRANSPORTATION SYSTEM
Start 09/01/91	End 08/31/93	
Comment:		
Researcher(s) D BURKE (TTI)		
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Study No. 0-1284	Status: ACTIVE	Title: EVALUATION AND DEVELOPMENT OF VISUALIZATION TECHNOLOGY FOR HIGHWAY TRANSPORTATION
Start 09/01/91	End 08/31/92	
Comment:		
Researcher(s) HC LANDPHAIR (TTI)		
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Study No. 0-1286	Status: ACTIVE	Title: LONG-TERM EVALUATION OF STRIPPING AND MOISTURE DAMAGE IN ASPHALT PAVEMENTS TREATED WITH LIME AND ANTI-STRIPPING AGENTS
Start 09/01/91	End 08/31/92	
Comment:		
Researcher(s) TW KENNEDY (CTR)		
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Study No. 0-1287	Status: ACTIVE	Title: IDENTIFY STRUCTURAL BENEFITS OF STABILIZATION AND UPDATING FPS TO ACCOMMODATE STABILIZED LAYERS
Start 09/01/91	End 08/31/94	
Comment:		
Researcher(s) DN LITTLE (TTI)		
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Study No. 0-1289	Status: ACTIVE	Title: USE OF MICRO-SURFACING IN HIGHWAY PAVEMENTS
Start 09/01/91	End 08/31/94	
Comment:		
Researcher(s) R SMITH (TTI)		
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Study No. 0-1290	Status: ACTIVE	Title: IMPROVED RUT MEASUREMENT METHODS FOR SIOMETERS
Start 09/01/91	End 08/31/93	
Comment:		
Researcher(s) RS WALKER (UTA)		
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Study No. 0-1292	Status: ACTIVE	Title: COMMUNICATING LANE DROPS TO MOTORISTS
Start 09/01/91	End 08/31/93	
Comment:		
Researcher(s) T URBANIK (TTI)		
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Study No. 0-1293	Status: ACTIVE	Title: THE USE OF CONTINUOUS TWO-WAY LEFT-TURN LANES ON HIGH-SPEED RURAL AND SUBURBAN HIGHWAYS
Start 09/01/91	End 08/31/93	
Comment:		
Researcher(s) K BALKE (TTI)		
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Study No. 0-1294	Status: ACTIVE	Title: ACQUISITION OF UNECONOMIC REMAINDERS WHEN A WHOLE TAKING IS JUSTIFIED
Start 09/01/91	End 08/31/92	
Comment:		
Researcher(s) JJ ANCHONDO (CTR)		
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Study No. 0-1296	Status: ACTIVE	Title: PEDESTRIAN SIGNALS: WARRANTS AND EFFECTIVENESS
Start 09/01/91	End 08/31/93	
Comment:		
Researcher(s) RB MACHEMEHL (CTR)		
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Study No. 0-1297	Status: ACTIVE	Title: WARRANTS FOR FLASHING TRAFFIC SIGNAL OPERATION
Start 09/01/91	End 08/31/94	
Comment:		
Researcher(s) HG HAWKINS (TTI)		
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Study No. 0-1298	Status: ACTIVE	Title: DESIGN, INSTALLATION, AND OPERATIONS OF FREEWAY LANE CONTROL SIGNALS
Start 09/01/91	End 08/31/93	
Comment:		
Researcher(s) GL ULLMAN (TTI)		
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Study No. 0-1299	Status: INACTIVE	Title: A PRELIMINARY VALIDITY STUDY OF THE TEXAS AUTO VISITOR PROFILE
Start 06/22/89	End 08/31/91	
Comment:		
Researcher(s) WP STEWART (TTI)		
Report No. 1299-1F	(DRAFT)	A PRELIMINARY VALIDITY STUDY OF THE TEXAS AUTO VISITOR PROFILE
Date November, 1991	Pages: 116	
Note:		
Author(s) WP STEWART; CC LUE et al		
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Study No. 0-1300	Status: ACTIVE	Title: EVALUATIONS OF CURRENT CORROSION PROTECTION MEASURES FOR BRIDGE DECKS
Start 09/01/91	End 08/31/94	
Comment:		
Researcher(s) DW FOWLER (CTR)		
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Study No. 0-1301	Status: ACTIVE	Title: UPDATED HYDROLOGIC TECHNIQUES FOR TEXAS
Start 10/31/91	End 08/31/96	
Comment:		
Researcher(s) ME JENNINGS (USGS)		
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Study No. 0-1302	Status: ACTIVE	Title: CONNECTIONS BETWEEN STEEL BENT CAPS AND CONCRETE PIERS
Start 09/01/91	End 08/31/94	
Comment:		
Researcher(s) JA YURA (CTR)		
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Study No. 0-1303	Status: ACTIVE	Title: WIND LOAD EFFECTS ON SIGNS, LUMINAIRES AND TRAFFIC SIGNAL STRUCTURES
Start 09/01/91	End 08/31/94	
Comment:		
Researcher(s) KC MEHTA (TECH)		
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Study No. 0-1304	Status: ACTIVE	Title: ELASTOMERIC BEARINGS
Start 09/01/91	End 08/31/94	
Comment:		
Researcher(s) JA YURA (CTR)		
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Study No. 0-1305	Status: ACTIVE	Title: FACTORS AFFECTING DESIGN THICKNESS OF BRIDGE SLABS
Start 09/01/91	End 08/31/94	
Comment:		
Researcher(s) RE KLINGNER (CTR)		
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Study No. 0-1306	Status: ACTIVE	Title: LONG-TERM PERFORMANCE EVALUATION OF POLYMER-MODIFIED ASPHALT CONCRETE PAVEMENTS
Start 09/01/91	End 08/31/92	
Comment: MONITORING OF 492		
Researcher(s) TW KENNEDY (CTR)		
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Study No. 0-1307	Status: ACTIVE	Title: AN ASSESSMENT OF THE FISCAL CAPACITY OF TEXAS CITIES AND THEIR ABILITY TO MEET LOCAL STREET CONSTRUCTION AND MAINTENANCE NEEDS THROUGH THE YEAR 2000
Start 09/01/91	End 08/31/93	
Comment:		
Researcher(s) WA LUKER (TTI)		
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Study No. 0-1308	Status: ACTIVE	Title: INTERACTIVE GRAPHICS INTERSECTION DESIGN SYSTEM
Start 09/01/91	End 08/31/93	
Comment: CONTINUATION OF 1139		
Researcher(s) RB MACHEMEHL (CTR)		
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Study No. 0-1309	Status: PROPOSED	Title: SEAGRASS SEEDING OF GIWW FILL SITES
Start 09/01/91	End / /	
Comment:		
Researcher(s)		
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Study No. 0-1310	Status: ACTIVE	Title: NEW EVALUATIONS OF LIQUIDATED DAMAGES, MOTORIST LIQUIDATED DAMAGES, AND PERCENT RETAINAGE
Start 09/01/91	End 08/31/93	
Comment:		
Researcher(s) WF MC FARLAND (TTI)		
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Study No. 0-1311	Status: ACTIVE	Title: IMPLEMENTATION SUPERVISION OF RESEARCH PROGRAM
Start / /	End / /	
Comment:		
Researcher(s) L SMITH (D-10)		
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Study No. 0-1312	Status: PROPOSED	Title: TRUCK TRAFFIC COUNTING
Start / /	End / /	
Comment:		
Researcher(s)		
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Study No. 0-1313	Status: PROPOSED	Title: BRIDGE REPAIR OF EASTBOUND AND WESTBOUND IH-20 STRUCTURES, MIDLAND COUNTY
Start 07/10/91	End 03/31/92	
Comment:		
Researcher(s) PB KEATING (TTI)		
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Study No. 0-1314	Status: PROPOSED	Title: VERIFICATION AND DEVELOPMENT OF SUPERIOR ASPHALTS
Start / /	End / /	
Comment:		
Researcher(s) JA BULLIN (TTI)		
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Study No. 0-1315	Status: PROPOSED	Title: SOLIDIFICATION/STABILIZATION OF HAZARDOUS BLAST SAND
Start 09/01/91	End 08/31/93	
Comment:		
Researcher(s) DW FOWLER (CTR)		
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Study No. 0-1316	Status: PROPOSED	Title: GROUND TIRE RUBBER USED IN ROADWAY APPLICATIONS
Start / /	End / /	
Comment:		
Researcher(s)		
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Study No. 0-1385      Status: ACTIVE      Title: SPECIAL CONCRETE DESIGN AND CONSTRUCTION METHODS FOR  
Start 09/01/91 End 08/31/93      INTERSECTIONS  
Comment:  
Researcher(s) DG ZOLLINGER (TTI)

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Study No. 0-1470      Status: ACTIVE      Title: ADMINISTRATION, REPRODUCTION AND SUPPORT OF RESEARCH  
Start 03/12/91 End 08/31/92  
Comment:  
Researcher(s) WK WRAY (TECH)

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Study No. 1-1099      Status: PROPOSED      Title: URBAN TRAVEL IN TEXAS: AN EVALUATION OF TRAVEL SURVEYS  
Start 09/10/91 End 08/31/93  
Comment:  
Researcher(s) D PEARSON (TTI)

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Study No. 1-1251      Status: TERMINATED      Title: ACOUSTIC TRAFFIC DETECTION AND CLASSIFICATION SYSTEM  
Start 08/03/89 End 08/31/90      PHASE I  
Comment:  
Researcher(s) RH BENSON (TTI)

Report No. 1251-1F      (PUBLISHED)      ACOUSTIC TRAFFIC DETECTION AND CLASSIFICATION SYSTEM  
Date November, 1990      Pages: 32  
Note:  
Author(s) RH BENSON

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Study No. 1-2000      Status: TERMINATED      Title: VERIFIABLE SPECIFICATIONS FOR TRAFFIC COUNTER TUBING  
Start 06/13/90 End 08/31/90  
Comment:  
Researcher(s) W CUNAGIN (TTI)

Report No. 2000-1F      (NOT PUBLISHED)      SPECIFICATIONS AND ACCEPTANCE TESTING PROCEDURES FOR TRAFFIC  
Date April, 1991      Pages: 11      COUNTER TUBING  
Note:  
Author(s) WD CUNAGIN

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Study No. 1-2003      Status: PROPOSED      Title: ACR TRAFFIC COUNTS - WESTERN  
Start / / End / /      DISTRICTS 4, 5, 6, 7, 8, 15, 24, 25  
Comment:      OPTIONAL - DISTRICT 21  
Researcher(s)

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Study No. 1-2004      Status: PROPOSED      Title: ACR TRAFFIC COUNTS - CENTRAL  
Start / / End / /      DISTRICTS 2, 3, 12, 13, 14, 18, 23  
Comment:      OPTIONAL - DISTRICT 9  
Researcher(s)

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Study No. 1-2007      Status: PROPOSED      Title: ACR TRAFFIC COUNTS - EASTERN  
Start / / End / /      DISTRICTS 1, 10, 11, 17, 19, 20  
Comment:      OPTIONAL - DISTRICTS N/A  
Researcher(s)

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Study No. 1-2018      Status: TERMINATED      Title: ACR TRAFFIC COUNTS FOR DISTRICT 24  
Start 03/05/90 End 08/31/91  
Comment:  
Researcher(s) G LESTER (B&B)

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Study No. 1-2019	Status: TERMINATED	Title: ACR TRAFFIC COUNTS FOR DISTRICTS 3 AND 25
Start 03/05/90	End 08/31/91	
Comment:		
Researcher(s) G LESTER (B&B)		
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Study No. 1-2020	Status: TERMINATED	Title: ACR TRAFFIC COUNTS FOR DISTRICTS 7, 8, 23
Start 01/15/90	End 08/31/91	
Comment:		
Researcher(s) G LESTER (B&B)		
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Study No. 1-2021	Status: TERMINATED	Title: TRAFFIC COUNTS FOR DISTRICT 13
Start 01/15/90	End 08/31/91	
Comment:		
Researcher(s) G LESTER (B&B)		
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Study No. 1-2022	Status: TERMINATED	Title: TRAFFIC COUNTS FOR DISTRICTS 14 & 15
Start 01/15/90	End 08/31/91	
Comment:		
Researcher(s) G LESTER (B&B)		
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Study No. 1-2023	Status: ACTIVE	Title: PERMANENT TRAFFIC RECORDER VOLUME COUNTS - DATA COLLECTION
Start 09/01/80	End / /	
Comment:		
Researcher(s)		
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Study No. 1-2024	Status: ACTIVE	Title: ACCUMULATIVE COUNT RECORDER DATA COLLECTION
Start 09/01/80	End / /	
Comment:		
Researcher(s)		
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Study No. 1-2025	Status: ACTIVE	Title: DATA COLLECTION, MANAGEMENT, ADMINISTRATION AND TECHNICAL SUPPORT
Start 09/01/80	End / /	
Comment:		
Researcher(s)		
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Study No. 1-2026	Status: ACTIVE	Title: VEHICLE CLASSIFICATION DATA COLLECTION
Start 09/01/80	End / /	
Comment:		
Researcher(s)		
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Study No. 1-2027	Status: ACTIVE	Title: TRUCK WEIGH-IN-MOTION DATA COLLECTION - PERMANENT SYSTEM
Start 09/01/80	End / /	
Comment:		
Researcher(s)		
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Study No. 1-2028	Status: ACTIVE	Title: TRUCK WEIGH-IN-MOTION DATA COLLECTION - PORTABLE SYSTEM
Start 09/01/80	End / /	
Comment:		
Researcher(s)		
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Study No. 1-2029	Status: TERMINATED	Title: PORTABLE TRAFFIC COUNTING SERVICES
Start / /	End / /	
Comment:		
Researcher(s)		
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Study No. 1-2030	Status: TERMINATED	Title: CONTRACT ACR TRAFFIC COUNTING
Start / /	End / /	
Comment:		
Researcher(s)		
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Study No. 1-2031	Status: TERMINATED	Title: DEVELOPMENT OF SOFTWARE FOR SDHPT ATR EQUIPMENT
Start 03/13/90	End 07/31/90	
Comment:		
Researcher(s) W CUNAGIN (TTI)		
Report No. 2031-1F	(DRAFT)	DEVELOPMENT OF SOFTWARE FOR SDHPT TRAFFIC COUNTING
Date June, 1991	Pages: 91	
Note:		
Author(s) W CUNAGIN; S MAJDI et al		
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Study No. 1-2032	Status: TERMINATED	Title: ACR TRAFFIC COUNTING SERVICES FOR DISTRICTS 2, 12, 18
Start 09/01/87	End 08/31/91	
Comment:		
Researcher(s) JF NIXON (NE)		
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Study No. 1-2033	Status: TERMINATED	Title: SPECIAL TRAFFIC COUNTS IN DISTRICTS 2, 12, AND 15
Start / /	End / /	
Comment:		
Researcher(s)		
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Study No. 1-2034	Status: ACTIVE	Title: MEASUREMENT OF THE IMPACT OF INTERNATIONAL TRUCK TRAFFIC ON THE TEXAS ROADWAY NETWORK
Start 11/13/90	End 08/31/92	
Comment:		
Researcher(s) D BURKE (TTI)		
Report No. 2034-1	(DRAFT)	AN INTERIM REPORT ON THE MAQUILADORA INDUSTRY
Date September, 1991	Pages: 40	
Note:		
Author(s) D BURKE; R DUARTE et al		
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Study No. 1-2035	Status: ACTIVE	Title: INSTALLATION OF AUTOMATED VEHICLE CLASSIFICATION SITES
Start 06/03/88	End 11/30/91	
Comment:		
Researcher(s) SO MAJDI (TTI)		
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Study No. 1-2038	Status: TERMINATED	Title: EVALUATION OF ALTERNATIVE AXLE SENSOR TECHNOLOGIES
Start / /	End 08/31/88	
Comment:		
Researcher(s) WD CUNAGIN (TTI)		
Report No. 2038-1F	(PUBLISHED)	EVALUATION OF ALTERNATIVE AXLE SENSOR TECHNOLOGIES
Date November, 1988	Pages: 40	
Note:		
Author(s) SO MAJDI; WD CUNAGIN		
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Study No. 1-3084	Status: ACTIVE	Title: SPEED STUDIES - DATA COLLECTION
Start 09/01/80	End / /	
Comment:		
Researcher(s)		
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Study No. 7-900      Status: ACTIVE      Title: INSTALLATION AND TRAINING FOR THE DISTRICT 21 PAVEMENT  
 Start 07/19/89   End 08/31/92      MANAGEMENT SYSTEM DATA BASE  
 Comment:  
 Researcher(s) DR SMITH (TTI)

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Study No. 7-901      Status: TERMINATED      Title: DESIGN ANALYSIS FOR EMBANKMENT OF HIGHWAY 87 IN JEFFERSON  
 Start 08/14/81   End 08/31/88      AND ORANGE COUNTIES  
 Comment:  
 Researcher(s)

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Study No. 7-902      Status: ACTIVE      Title: ROADSIDE VEGETATION MANAGEMENT RESEARCH PROGRAM  
 Start 08/21/80   End / /  
 Comment:  
 Researcher(s) WG MCCULLY (TTI)

Report No. 902-1      (PUBLISHED)      POTENTIAL FOR USING MYCORRHIZAL PLANTS TO REVEGETATE TEXAS  
 Date April, 1984      Pages: 11      HIGHWAY RIGHT-OF-WAYS  
 Note:  
 Author(s)

Report No. 902-2      (PUBLISHED)      CONTROL OF WILD OAT AND JOINTED GOATGRASS ON TEXAS  
 Date January, 1986      Pages: 22      ROADSIDES  
 Note:  
 Author(s) WG MCCULLY; DW DUNLAP et al

Report No. 902-3      (PUBLISHED)      ENHANCEMENT OF TEXAS HIGHWAYS VEGETATION WITH MYCORRHIZAL  
 Date December, 1985      Pages: 44      FUNGI  
 Note:  
 Author(s) FT DAVIES; WG MCCULLY

Report No. 902-4      (PUBLISHED)      PROPAGATION OF WILDFLOWERS FOR ROADSIDE USE  
 Date April, 1986      Pages:  
 Note:  
 Author(s) WG MCCULLY; EE MCWILLIAMS et al

Report No. 902-5      (PUBLISHED)      PROPAGATION OF SOME NATIVE LANDSCAPING PLANTS  
 Date April, 1986      Pages:  
 Note:  
 Author(s) WG MCCULLY; EL MCWILLIAMS et al

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Study No. 7-903      Status: TERMINATED      Title: EVALUATION OF TEMPORARY SEQUENTIAL SIGNING SYSTEM TO BE  
 Start / /      End / /      INSTALLED IN DALLAS, TEXAS  
 Comment:  
 Researcher(s)

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Study No. 7-904      Status: TERMINATED      Title: TRANSPORTATION COMMUNICATIONS TEAM  
 Start 09/09/81   End 08/31/82  
 Comment:  
 Researcher(s)

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Study No. 7-905      Status: TERMINATED      Title: FACILITIES FOR HIGH OCCUPANCY VEHICLES IN SAN ANTONIO  
 Start / /      End / /  
 Comment:  
 Researcher(s)

*not to be included  
 4/19/82*

Study No. 7-906	Status: TERMINATED	Title: SOUTH WAYSIDE DRIVE NOISE IMPACT STUDIES
Start / / End / /		
Comment:		
Researcher(s)		
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Study No. 7-907	Status: TERMINATED	Title: U.S. 83 EXPRESSWAY ACCESS STUDY
Start / / End / /		
Comment:		
Researcher(s)		
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Study No. 7-908	Status: TERMINATED	Title: EVALUATION OF CURRENT DIAMOND CONTROLLERS
Start / / End / /		
Comment:		
Researcher(s)		
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Study No. 7-909	Status: TERMINATED	Title: EVALUATION OF REHABILITATION TECHNIQUES ON IH-10 AND 610 IN HARRIS COUNTY
Start / / End / /		
Comment:		
Researcher(s)		
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Study No. 7-910	Status: ACTIVE	Title: SKID ACCIDENT REDUCTION PROGRAM SAFETY RECOMMENDATIONS H-87-2
Start 01/18/89 End / /		
Comment:		
Researcher(s) DL IVEY (TTI)		
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Study No. 7-911	Status: TERMINATED	Title: BRIDGE RAIL TO CONTAIN AND REDIRECT 80,000 LB. TANK TRUCKS
Start / / End / /		
Comment:		
Researcher(s) WL FAIRBANKS (TTI)		
Report No. 911-1F	(PUBLISHED)	BRIDGE RAIL TO CONTAIN AND REDIRECT 80,000 LB. TANK TRUCKS
Date January, 1984 Pages: 36		
Note:		
Author(s) TJ HIRSCH; WL FAIRBANKS		
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Study No. 7-912	Status: TERMINATED	Title: EVALUATION AND TEST OF PRECAST CONCRETE BRIDGE RAIL
Start / / End / /		
Comment:		
Researcher(s)		
Report No. 912-1F	(NOT PUBLISHED)	EVALUATION AND TEST OF PRECAST CONCRETE BRIDGE RAIL
Date March, 1984 Pages: 32		
Note:		
Author(s) HL JONES; TJ HIRSCH		
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Study No. 7-913	Status: TERMINATED	Title: DEVELOPMENT OF AN ABSOLUTE CALIBRATION METHOD FOR FALLING WEIGHT DEFLECTOMETER DEVICE
Start 09/01/88 End 08/31/90		
Comment:		
Researcher(s) S NAZARIAN (UTEP)		
Report No. 913-1F Vol. 01	(PUBLISHED)	COMPREHENSIVE EVALUATION OF SENSORS USED FOR PAVEMENT MONITORING
Date August, 1990 Pages: 145		
Note:		
Author(s)		

Report No. 913-1F Vol. 02 (PUBLISHED) AN ABSOLUTE CALIBRATION SYSTEM FOR NONDESTRUCTIVE TESTING DEVICES  
 Date August, 1991 Pages: 67  
 Note:  
 Author(s)

Report No. 913-1F Vol. 03 (PUBLISHED) USER'S MANUAL TO COMPUTER PROGRAM CALIBRATE  
 Date August, 1990 Pages: 52  
 Note:  
 Author(s)

Report No. 913-1F Vol. 04 (PUBLISHED) APPENDICES AND SUPPORTING DATA  
 Date August, 1990 Pages: 558  
 Note:  
 Author(s)

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Study No. 7-914 Status: TERMINATED Title: POST-CONSTRUCTION EVALUATION OF SULPHUR-ASPHALT TEST SECTIONS  
 Start 09/02/80 End 08/31/81  
 Comment:  
 Researcher(s)

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Study No. 7-915 Status: TERMINATED Title: ALTERNATE CONNECTION DESIGN FOR SPINE-WING TYPE BOX GIRDER BRIDGE  
 Start / / End / /  
 Comment:  
 Researcher(s)

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Study No. 7-916 Status: TERMINATED Title: EXPERIMENTAL SEA OVERLAY OF IH 610 - HOUSTON, TEXAS  
 Start / / End / /  
 Comment:  
 Researcher(s)

Report No. 916-1F (NOT PUBLISHED) EXPERIMENTAL SEA OVERLAY OF IH 610 - HOUSTON, TEXAS  
 Date June, 1985 Pages: 100  
 Note:  
 Author(s) D SAYLAK; FC BENSON

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Study No. 7-917 Status: TERMINATED Title: DIAGNOSTIC TESTING OF TELEMETRIC TRAFFIC COUNTERS  
 Start / / End / /  
 Comment:  
 Researcher(s)

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Study No. 7-918 Status: TERMINATED Title: PERMIT FEES FOR OVERWEIGHT VEHICLES  
 Start / / End / /  
 Comment:  
 Researcher(s)

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Study No. 7-919 Status: TERMINATED Title: PERMIT FEES AND FINES FOR OVERWEIGHT VEHICLES  
 Start / / End / /  
 Comment:  
 Researcher(s)

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Study No. 7-920 Status: TERMINATED Title: EVALUATION OF THIN-BONDED CONCRETE OVERLAY ON IH-610 IN HOUSTON  
 Start 01/18/85 End 08/31/91  
 Comment:  
 Researcher(s) BF MCCULLOUGH (CTR)

Study No. 7-920-02	Status: TERMINATED	Title: EVALUATION OF THE PERFORMANCE OF THE BONDED CONCRETE OVERLAY ON INTERSTATE HIGHWAY 610 NORTH, HOUSTON, TEXAS
Start / / End / /		
Comment:		
Researcher(s)		
Report No. 920-2	(PUBLISHED)	EVALUATION OF THE PERFORMANCE OF THE BONDED CONCRETE OVERLAY ON INTERSTATE HIGHWAY 610 NORTH, HOUSTON, TEXAS
Date December, 1987	Pages: 43	
Note:		
Author(s) K KOESNO; BF MCCULLOUGH		
Report No. 920-3	(PUBLISHED)	MONITORING AND TESTING OF THE BONDED CONCRETE OVERLAY ON INTERSTATE HIGHWAY 610 NORTH IN HOUSTON, TEXAS
Date February, 1989	Pages: 78	
Note:		
Author(s) KJ TEO; DW FOWLER et al		
Report No. 920-4	(PUBLISHED)	AN EVALUATION OF REPAIR TECHNIQUES USED FOR UNCONTROLLED LONGITUDINAL CRACKING AND FAILED LONGITUDINAL JOINTS
Date January, 1991	Pages: 42	
Note:		
Author(s) BE HOSKINS; JR LUNDY et al		
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Study No. 7-921	Status: TERMINATED	Title: DETERMINATION OF LOAD-DEFLECTION BEHAVIOR OF GIRDERS IN BRIDGE NEAR HAPPY, TEXAS
Start / / End / /		
Comment:		
Researcher(s) TE BRADBERRY (TTI)		
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Study No. 7-922	Status: TERMINATED	Title: IMPLEMENTATION OF A HIGHWAY PRECONSTRUCTION PROJECT MANAGEMENT SYSTEM
Start 02/01/89	End 08/31/89	
Comment:		
Researcher(s) JT O'CONNOR (CTR)		
Report No. 922-1F	(PUBLISHED)	PRECONSTRUCTION MANAGEMENT SYSTEM: PROCEDURES MANUAL
Date February, 1990	Pages: 166	
Note:		
Author(s) K PERSAD; JT O'CONNOR et al		
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Study No. 7-923	Status: TERMINATED	Title: BRIDGE DECK SEALING WITH METHACRYLATE MONOMER
Start / / End / /		
Comment:		
Researcher(s)		
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Study No. 7-924	Status: TERMINATED	Title: METHACRYLATE MONOMER OVERLAY OF CAMERON BRIDGE
Start 09/03/86	End 08/31/87	
Comment:		
Researcher(s)		
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Study No. 7-925	Status: PROPOSED	Title: AN ASSESSMENT OF FREEWAY HIGH-OCCUPANCY VEHICLE PROJECTS
Start 02/17/89	End 08/31/92	
Comment:		
Researcher(s) DL CHRISTIANSEN (TTI)		
Report No. 925-1	(PUBLISHED)	A DESCRIPTION OF HIGH-OCCUPANCY VEHICLE FACILITIES IN NORTH AMERICA
Date July, 1990	Pages: 102	
Note:		
Author(s) KF TURNBULL; JW HANKS		



Report No. 925-2 (PUBLISHED) SUGGESTED PROCEDURES FOR EVALUATING THE EFFECTIVENESS OF  
Date February, 1991 Pages: 152 FREEWAY HOV FACILITIES  
Note:  
Author(s) KF TURNBULL; RH HENK et al

Report No. 925-3 (DRAFT) HIGH-OCCUPANCY VEHICLE PROJECT CASE STUDIES HISTORY AND  
Date December, 1990 Pages: 326 INSTITUTIONAL ARRANGEMENTS  
Note:  
Author(s) KF TURNBULL

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Study No. 7-926 Status: TERMINATED Title: INITIAL EVALUATION OF TEXAS BASED AASHTO DESIGN GUIDE  
Start 12/17/86 End 08/31/87 PARAMETERS  
Comment:  
Researcher(s)

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Study No. 7-927 Status: TERMINATED Title: DEVELOPMENT OF WORKSHOPS FOR EARTHSLOPE DESIGN AND  
Start 01/05/87 End 08/31/87 MAINTENANCE  
Comment:  
Researcher(s)

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Study No. 7-928 Status: TERMINATED Title: ORIGIN DESTINATION STUDY CONCEPTS: AUSTIN/SAN ANTONIO  
Start / / End / /  
Comment:  
Researcher(s)

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Study No. 7-929 Status: TERMINATED Title: NORTH CENTRAL EXPRESSWAY (US 75) PROJECT SUPPORT  
Start 05/21/87 End 08/31/87  
Comment:  
Researcher(s)

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Study No. 7-930 Status: TERMINATED Title: DISTRICT LEVEL PAVEMENT MANAGEMENT SYSTEM  
Start 09/01/87 End 08/31/90  
Comment:  
Researcher(s) T SCULLION (TTI)

Report No. 930-1 (PUBLISHED) MICRO-PES RELEASE 1.0 A USER'S MANUAL  
Date June, 1989 Pages: 94  
Note:  
Author(s) T SCULLION; J FOWLER et al

Report No. 930-2 (PUBLISHED) PAVEMENT MANAGEMENT: WHERE DO WE GO FROM HERE?  
Date December, 1988 Pages: 81  
Note:  
Author(s) T SCULLION

Report No. 930-3 (PUBLISHED) RAMS-D01 AS A DECISION ANALYSIS TOOL  
Date August, 1988 Pages: 58  
Note:  
Author(s) EG FERNANDO; J FOWLER et al

Report No. 930-4 (PUBLISHED) AN INITIAL EVALUATION OF THE FEASIBILITY OF A GIS TO  
Date August, 1989 Pages: 80 SUPPORT PMS APPLICATIONS  
Note:  
Author(s) M FERNANDO; M PAREDES et al

Report No. 930-5F

(DRAFT)

USE OF RADAR TECHNOLOGY FOR PAVEMENT LAYER EVALUATION

Date September, 1991 Pages: 34

Note:

Author(s) K MASER; T SCULLION

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Study No. 7-931            Status: TERMINATED            Title: PREPARATION OF THE WORK PLAN TO DEVELOP A LONG RANGE  
Start 03/20/89 End 08/31/89            REHABILITATION PLAN FOR US 59 IN DISTRICT 11  
Comment:  
Researcher(s) BF MCCULLOUGH (CTR)

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Study No. 7-932            Status: ACTIVE            Title: MONITORING THE PERFORMANCE OF A BEBO ARCH CULVERT  
Start 07/22/87 End 08/31/92  
Comment:  
Researcher(s) RW FURLONG (CTR)

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Study No. 7-933            Status: TERMINATED            Title: HIGHWAY PLANNING AND OPERATIONS FOR DISTRICT 2  
Start 09/01/87 End 08/31/89  
Comment:  
Researcher(s) CH WALTERS (TTI)

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Study No. 7-934            Status: TERMINATED            Title: HIGHWAY PLANNING AND OPERATIONS FOR DISTRICT 18  
Start 09/01/87 End 08/31/89  
Comment:  
Researcher(s) CH WALTERS (TTI)

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Study No. 7-935            Status: TERMINATED            Title: PLANNING, DESIGN AND OPERATION OF TRANSPORTATION FACILITIES  
Start 09/01/87 End 08/31/89            IN HOUSTON  
Comment:  
Researcher(s) WR MCCASLAND (TTI)

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Study No. 7-936            Status: TERMINATED            Title: ASSIST DISTRICT 15 IN DEVELOPMENT OF SOFTWARE FOR THE  
Start 09/01/87 End / /            CENTRAL CONTROL COMPUTER FOR THE SC&C SYSTEM  
Comment:  
Researcher(s) CW BLUMENTRITT (TTI)

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Study No. 7-937            Status: TERMINATED            Title: ASSIST DISTRICT 2 IN DEVELOPMENT OF SOFTWARE FOR THE CENTRAL  
Start 09/01/87 End / /            CONTROL COMPUTER FOR THE SC&C SYSTEM  
Comment:  
Researcher(s) CW BLUMENTRITT (TTI)

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Study No. 7-938            Status: TERMINATED            Title: ASSIST SDHPT IN DEVELOPMENT OF SOFTWARE FOR THE CENTRAL  
Start 09/01/87 End 08/31/89            CONTROL COMPUTER FOR THE SC&C SYSTEM  
Comment:  
Researcher(s) CW BLUMENTRITT (TTI)

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Study No. 7-939            Status: TERMINATED            Title: TEXAS FRIENDLY MODEL WORKSHOP  
Start 07/13/87 End 08/31/87  
Comment:  
Researcher(s)

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Study No. 7-940            Status: TERMINATED            Title: TECHNICAL ASSISTANCE TO DISTRICT 15  
Start 09/01/87 End 08/31/91  
Comment:  
Researcher(s) JD BLASCHKE (TTI)

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Study No. 7-941	Status: TERMINATED	Title: SDHPT USE OF CONSULTANT ENGINEERING SERVICES: A FURTHER ANALYSIS OF SELECTED PROJECTS
Start 11/05/87	End 08/31/88	
Comment:		
Researcher(s)		
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Study No. 7-942	Status: TERMINATED	Title: DEVELOP DESIGN POLICIES, PROCEDURES, AND GUIDELINES UNDER THE GUIDANCE OF SDHPT ENGINEERS, IN RESPONSE TO THEIR NEEDS
Start 09/01/87	End 08/31/89	
Comment:		
Researcher(s) DL IVEY (TTI)		
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Study No. 7-943	Status: TERMINATED	Title: THE EFFECTS OF PROTOTYPE RADAR TRANSMITTING DEVICES AT WORK
Start 07/31/87	End 08/31/88	
Comment:		
Researcher(s) GL ULLMAN (TTI)		
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Study No. 7-944	Status: ACTIVE	Title: CONSTRUCTION LANDSCAPE PROGRAM
Start 09/01/87	End / /	
Comment:		
Researcher(s) HC LANDPHAIR (TTI)		
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Study No. 7-945	Status: ACTIVE	Title: TRANSPORTATION COMMUNICATIONS TEAM
Start 09/01/87	End / /	
Comment:		
Researcher(s) G RITCH (TTI)		
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Study No. 7-946	Status: TERMINATED	Title: SDHPT-NCTCOG MODEL CONSOLIDATION
Start 09/01/87	End 08/31/89	
Comment:		
Researcher(s) GB DRESSER (TTI)		
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Study No. 7-947	Status: ACTIVE	Title: TEXAS TRAVEL DEMAND PACKAGE
Start 07/08/88	End / /	
Comment:		
Researcher(s) GB DRESSER (TTI)		
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Report No. 947-1	(NOT PUBLISHED)	HOUSEHOLD TRAVEL SURVEYS
Date May, 1990	Pages: 123	
Note:		
Author(s) DM CHANG; JL GATTIS et al		
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Report No. 947-2	(PUBLISHED)	HOW TO READ THE OUTPUT TABLES OF THE TEXAS LARGE NETWORK ASSIGNMENT MODELS
Date May, 1990	Pages: 120	
Note:		
Author(s) DM CHANG; JL GATTIS et al		
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Report No. 947-3	(DRAFT)	IMPACT: HIGHWAY POLLUTANT EMISSION MODEL USER'S GUIDE
Date May, 1991	Pages: 107	
Note:		
Author(s) GB DRESSER; CE BELL		
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Report No. 947-5	(DRAFT)	THE TEXAS TRIP DISTRIBUTION MODELS
Date September, 1991	Pages: 123	
Note:		
Author(s) CE BELL		
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Study No. 7-948            Status: TERMINATED            Title: TRANSPORTATION PLANNING FOR THE REGIONAL PLANNING OFFICE  
Start 09/01/87 End 08/31/89  
Comment:  
Researcher(s) GB DRESSER (TTI)

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Study No. 7-949            Status: ACTIVE                    Title: HIGH-LEVEL ILLUMINATION LUMINAIRES  
Start 06/05/88 End / /  
Comment:  
Researcher(s) RA ZIMMER (TTI)

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Study No. 7-950            Status: TERMINATED            Title: STANDARDIZED INSPECTION PROCEDURES FOR HIGHWAY LANDSCAPE  
Start / / End / /                    BEAUTIFICATION  
Comment:  
Researcher(s)

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Study No. 7-951            Status: TERMINATED            Title: CONSTRUCTION LANDSCAPE PROGRAM, HOUSTON AND AMARILLO  
Start 09/08/87 End 08/31/88  
Comment:  
Researcher(s)

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Study No. 7-952            Status: TERMINATED            Title: DISADVANTAGED BUSINESS ENTERPRISE CAPACITY IN TEXAS  
Start 10/02/87 End 08/31/89            HIGHWAY CONSTRUCTION INDUSTRY  
Comment:  
Researcher(s) D BURKE (TTI)

Report No. 952-1F                                    (PUBLISHED)            DISADVANTAGED BUSINESS ENTERPRISE CAPACITY IN TEXAS  
Date June, 1989            Pages: 38                    HIGHWAY CONSTRUCTION INDUSTRY  
Note:  
Author(s) DE HANCHER; ZA GOFF et al

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Study No. 7-953            Status: ACTIVE                    Title: EL PASO MOISTURE BARRIER STUDY  
Start 11/23/87 End 08/31/92  
Comment:  
Researcher(s) RL LYTTON (TTI)

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Study No. 7-954            Status: TERMINATED            Title: APPRAISAL OF CONTRACTS FOR IMPROVEMENTS ON U.S. 59  
Start 03/16/88 End 08/31/88            (SOUTHWEST FREEWAY) IN HARRIS COUNTY.  
Comment:  
Researcher(s)

Report No. 954-1F                                    (PUBLISHED)            APPRAISAL OF CONTRACTS FOR IMPROVEMENTS ON U.S. 59  
Date June, 1988            Pages: 10                    (SOUTHWEST FREEWAY) IN HARRIS COUNTY  
Note:  
Author(s) WV WARD; JT O'CONNOR

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Study No. 7-955            Status: TERMINATED            Title: DOWNTOWN TRAFFIC CIRCULATION ANALYSIS  
Start 11/25/87 End 08/31/88  
Comment:  
Researcher(s)

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Study No. 7-956            Status: TERMINATED            Title: INTERSTATE HIGHWAY 35 RAMP AND INTERCHANGE ANALYSIS  
Start 04/15/89 End 08/31/89  
Comment:  
Researcher(s) B RYMER (TTI)

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Study No. 7-957            Status: TERMINATED            Title: HIGHWAY USER OPERATIONAL INFORMATION  
Start 02/23/88   End 08/31/90  
Comment:  
Researcher(s) CL DUDEK (TTI)

Report No. 957-1                            (PUBLISHED)            HIGHWAY USER OPERATIONAL INFORMATION SURVEY  
Date February, 1991   Pages: 164  
Note:  
Author(s) Q BRACKETT; RD HUCHINGSON et al

Report No. 957-2F                            (PUBLISHED)            AN ANALYSIS OF ROADWAY USER INFORMATION SYSTEMS  
Date November, 1990   Pages: 152  
Note:  
Author(s) K EMHJELLEN; MA EURITT et al

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Study No. 7-958            Status: ACTIVE            Title: EVALUATION OF A MOTORIST INFORMATION SYSTEM USING COMPUTER  
Start 09/01/89   End 08/31/92            DISPLAY TERMINALS  
Comment:  
Researcher(s) WR MCCASLAND (TTI)

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Study No. 7-959            Status: TERMINATED            Title: BONDING EVALUATION OF OVERLAYED BRIDGES ON IH 10  
Start 05/18/89   End 08/31/89  
Comment:  
Researcher(s) DW FOWLER (CTR)

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Study No. 7-960            Status: TERMINATED            Title: DISTRICT 14 PAVEMENT INTERSECTION INSTABILITY STUDY  
Start 02/10/88   End 08/31/90  
Comment:  
Researcher(s) WE ELMORE (CTR)

Report No. 960-1F                            (DRAFT)            DISTRICT 14 PAVEMENT INTERSECTION INSTABILITY STUDY  
Date June, 1991       Pages: 66  
Note:  
Author(s) TW KENNEDY; H TORSHIZI et al

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Study No. 7-961            Status: TERMINATED            Title: EVALUATION OF RODAR UNIT  
Start 05/27/88   End 10/31/88  
Comment:  
Researcher(s) T SCULLION (TTI)

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Study No. 7-962            Status: TERMINATED            Title: U.S. 83 EXPRESSWAY ACCESS STUDY, HIDALGO COUNTY, TEXAS  
Start 03/08/88   End 09/30/88  
Comment:  
Researcher(s) T URBANIK (TTI)

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Study No. 7-963            Status: TERMINATED            Title: NON-CONTACT SURFACE MEASUREMENT INSTRUMENTATION  
Start 12/16/88   End 08/31/89  
Comment:  
Researcher(s)

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Study No. 7-964            Status: TERMINATED            Title: STANDARDIZED PROCEDURES FOR ROUTE FEASIBILITY STUDIES  
Start 05/24/89   End 08/31/89  
Comment:  
Researcher(s) BF MCCULLOUGH (CTR)

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Study No. 7-965                  Status: TERMINATED                  Title: THE INTERCITY BUS INDUSTRY IN TEXAS AND THE U.S.  
Start / / End / /  
Comment:  
Researcher(s)

Report No. 965-1F                          (PUBLISHED)                  THE INTERCITY BUS INDUSTRY IN TEXAS AND THE U.S.  
Date August, 1981                  Pages: 161  
Note:  
Author(s) T URBANIK; P BASS et al

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Study No. 7-966                  Status: TERMINATED                  Title: CONSTRUCTION CLAIMS SEMINAR  
Start 05/02/88 End 08/31/88  
Comment:  
Researcher(s)

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Study No. 7-967                  Status: TERMINATED                  Title: PROFILOMETER IMPROVEMENTS  
Start 08/16/88 End 08/31/88  
Comment:  
Researcher(s)

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Study No. 7-968                  Status: ACTIVE                          Title: IMPACT OF WIDENING U.S. HIGHWAY 80 IN LONGVIEW, TEXAS  
Start 09/01/88 End / /  
Comment:  
Researcher(s) JL BUFFINGTON (TTI)

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Study No. 7-969                  Status: TERMINATED                  Title: EVALUATION OF FHWA REQUIREMENTS FOR THE COLLECTION OF  
Start 05/18/88 End 08/31/90                  PAVEMENT ROUGHNESS DATA  
Comment:  
Researcher(s) BF MCCULLOUGH (CTR)

Report No. 969-1                          (PUBLISHED)                  EVALUATION OF THE PERFORMANCE OF THE AUTO-READ VERSION OF  
Date August, 1989                  Pages: 40                  THE FACE DIPSTICK  
Note:  
Author(s) CB BERTRAND; R HARRISON et al

Report No. 969-2F                          (PUBLISHED)                  EVALUATION OF FHWA REQUIREMENTS FOR THE CALIBRATION OF  
Date February, 1990                  Pages: 116                  PAVEMENT ROUGHNESS INSTRUMENTATION  
Note:  
Author(s) CB BERTRAND; R HARRISON et al

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Study No. 7-970                  Status: TERMINATED                  Title: EVALUATION OF ARLINGTON DIAMOND INTERCHANGE STRATEGY  
Start 05/19/88 End 07/31/88  
Comment:  
Researcher(s) NA CHAUDHARY (TTI)

Report No. 970-1F                          (PUBLISHED)                  EVALUATION OF ARLINGTON, TEXAS DIAMOND INTERCHANGE STRATEGY  
Date August, 1989                  Pages: 35  
Note:  
Author(s) CJ MESSER; NA CHAUDHARY

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Study No. 7-971                  Status: TERMINATED                  Title: DEVELOPMENT OF OFF-LINE FREEWAY RAMP METERING CONTROL  
Start 05/19/88 End 08/31/88                  STRATEGIES  
Comment:  
Researcher(s) CJ MESSER (TTI)

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Study No. 7-972	Status: TERMINATED	Title: EVALUATION OF MOTORIST INFORMATION SYSTEM USING COMPUTER DISPLAY TERMINALS
Start / / End / /		
Comment:		
Researcher(s) WR MCCASLAND (TTI)		
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Study No. 7-973	Status: TERMINATED	Title: ASSISTANCE TO DISTRICT 14 IN HIGH-OCCUPANCY VEHICLE FACILITY PLANNING
Start 07/13/88 End 08/31/89		
Comment:		
Researcher(s) DL CHRISTIANSEN (TTI)		
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Study No. 7-974	Status: TERMINATED	Title: COMPARISON OF COST RESPONSIBILITY STUDIES
Start 07/08/88 End 08/31/90		
Comment:		
Researcher(s) A VILLARREAL (TTI)		
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Study No. 7-975	Status: TERMINATED	Title: TRIDAGS COMPUTER PROGRAM MODIFICATION AND SYSTEM INTEGRATION
Start 05/05/88 End 08/31/89		
Comment:		
Researcher(s) CH BLUMENTRITT (TTI)		
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Study No. 7-976	Status: TERMINATED	Title: TEXAS ADVANCED TRANSPORTATION TECHNOLOGY PROJECT
Start 08/23/88 End 08/31/89		
Comment:		
Researcher(s) GS BRIDGES (TTI)		
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Study No. 7-977	Status: TERMINATED	Title: CALIBRATION OF SDHPT HIGHWAY FRICTION TESTER
Start 09/29/88 End 08/31/89		
Comment:		
Researcher(s) RA ZIMMER (TTI)		
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Study No. 7-978	Status: TERMINATED	Title: THE TEXAS MOBILITY ARTERIAL SYSTEM
Start 05/24/89 End 08/31/89		
Comment:		
Researcher(s) HS MAHMASSANI (CTR)GB DRESSER (TTI)		
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Study No. 7-979	Status: TERMINATED	Title: CONVERSION OF THE STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION (SDHPT) SIX AND TEN YARD DUMP TRUCK FLEET FROM STANDARD TO AUTOMATIC TRANSMISSIONS
Start 11/27/89 End 08/31/91		
Comment:		
Researcher(s) R HARRISON (CTR)		
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Study No. 7-981	Status: TERMINATED	Title: NON-CONTACT PAVEMENT SURFACE MEASUREMENTS
Start 09/01/89 End 08/31/90		
Comment:		
Researcher(s)		
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Study No. 7-982	Status: TERMINATED	Title: DEVELOPMENT OF MULTI-LEVEL FREEWAY CONTROL FRAMEWORK
Start 06/22/89 End 08/31/89		
Comment:		
Researcher(s) CJ MESSER (TTI)		
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Study No. 7-983	Status: PROPOSED	Title: CONVERSION OF THE SDHPT AUTOMOTIVE FLEET TO ALTERNATIVE FUELS
Start 06/01/90 End 08/31/92		
Comment:		
Researcher(s) HS MAHMASSANI (CTR)		
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Study No. 7-984	Status: TERMINATED	Title: HIGHWAY PLANNING AND OPERATIONS FOR DISTRICT 18
Start 09/01/89	End 08/31/91	
Comment:		
Researcher(s)		
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Study No. 7-985	Status: TERMINATED	Title: PLANNING, DESIGN AND OPERATION OF TRANSPORTATION FACILITIES IN HOUSTON
Start 09/01/89	End 08/31/91	
Comment:		
Researcher(s) WR MCCASLAND (TTI)		
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Study No. 7-986	Status: TERMINATED	Title: AUTOMOTIVE DIAGNOSTIC TECHNOLOGY
Start 05/22/90	End 08/31/91	
Comment:		
Researcher(s) RB MACHEMEHL (CTR)		
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Study No. 7-987	Status: ACTIVE	Title: A LONG-RANGE PLAN FOR THE REHABILITATION OF U.S. 59 IN DISTRICT 11
Start 06/27/89	End 08/31/92	
Comment:		
Researcher(s) DW FOWLER (CTR)		
Report No. 987-1	(DRAFT)	THE DEVELOPMENT OF A LONG-RANGE REHABILITATION PLAN FOR US-59 IN DISTRICT 11 - PRELIMINARY REPORT
Date February, 1991	Pages: 124	
Note:		
Author(s) BE HOSKINS; BF MCCULLOUGH et al		
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Study No. 7-988	Status: TERMINATED	Title: GENERIC SMALL SIGN SUPPORT SYSTEM
Start 08/01/89	End 08/31/89	
Comment:		
Researcher(s)		
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Study No. 7-989	Status: TERMINATED	Title: OPERATIONAL DATA FOR TWO LEFT-TURN PHASING ALTERNATIVES
Start 06/22/89	End 08/31/90	
Comment:		
Researcher(s) DB FAMBRO (TTI)		
Report No. 989-1F	(PUBLISHED)	COMPARISON OF TWO PROTECTED-PERMITTED LEAD-LAG LEFT-TURN PHASING ARRANGEMENTS
Date February, 1991	Pages: 138	
Note:		
Author(s)		
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Study No. 7-990	Status: TERMINATED	Title: STANDARDS, POLICIES, GUIDELINES AND DESIGNS
Start 09/01/89	End 08/31/91	
Comment:		
Researcher(s) DL IVEY (TTI)		
Report No. 990-1	(DRAFT)	DEVELOPMENT OF A LOW COST HIGH PERFORMANCE TERMINAL FOR CONCRETE MEDIAN BARRIERS AND PORTABLE CONCRETE BARRIERS
Date October, 1991	Pages:	
Note:		
Author(s)		
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Study No. 7-991	Status: TERMINATED	Title: DEVELOPMENT OF PERFORMANCE SPECIFICATION FOR TRUCK MOUNTED ATTENUATORS
Start 06/26/89	End 11/30/90	
Comment:		
Researcher(s) LI GRIFFIN (TTI)		



Report No. 991-1 (DRAFT) AN EVALUATION OF SLECTED TRUCK MOUNTED ATTENUATORS (TMA'S)  
 Date October, 1991 Pages: 65 WITH RECOMMENDED PERFORMNACE SPECIFICATIONS  
 Note:  
 Author(s) L GRIFFITH; MA MAREK

Report No. 991-2 (DRAFT) COMPARATIVE CRASH TESTS CONDUCTED ON SEVEN DIFFERENT MAKES  
 Date October, 1991 Pages: 300 AND MODELS OF TRUCK MOUNTED ATTENUATORS (TMA'S)  
 Note:  
 Author(s) L GRIFFITH

Report No. 991-3F (DRAFT) PROCEDURES AND EQUIPMENT FOR CONDUCTING VIBRATION AND  
 Date September, 1991 Pages: 20 MOISTURE TESTS ON TRUCK MOUNTED ATTENUATORS (TMA'S)  
 Note:  
 Author(s) L GRIFFITH

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Study No. 7-992 Status: TERMINATED Title: DEVELOPMENT OF OVERWEIGHT TRUCK WARNING SYSTEM  
 Start 12/01/89 End 08/31/90  
 Comment:  
 Researcher(s) W CUNAGIN (TTI)

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Study No. 7-993 Status: ACTIVE Title: HIGHWAY PLANNING AND OPERATIONS FOR DISTRICT 14  
 Start 12/06/89 End 08/31/92  
 Comment:  
 Researcher(s) T LOMAX (TTI)

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Study No. 7-994 Status: TERMINATED Title: GEOGRAPHIC INFORMATION SYSTEMS IN TRANSPORTATION  
 Start 10/01/90 End 01/17/90  
 Comment: CANCELLED BY D-19  
 Researcher(s) T SCULLION (TTI)EG FERNANDO (TTI)

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Study No. 7-995 Status: TERMINATED Title: TRANSPORTATION PLANNING ASSISTANCE FOR DISTRICT 2  
 Start 09/01/89 End 08/31/91  
 Comment:  
 Researcher(s) CH WALTERS (TTI)

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Study No. 7-996 Status: TERMINATED Title: URBAN TRANSPORTATION PLANNING DATABASE  
 Start 09/01/89 End 08/31/90  
 Comment:  
 Researcher(s) DL CHRISTIANSEN (TTI)

Report No. 996-1F (PUBLISHED) URBAN TRANSPORTATION PLANNING DATABASE  
 Date December, 1990 Pages: 26  
 Note:  
 Author(s) TJ LOMAX; D SCHRANK

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Study No. 7-997 Status: TERMINATED Title: SUPPORT FOR PMS IMPLEMENTATION  
 Start 09/01/89 End 08/31/93  
 Comment:  
 Researcher(s) T SCULLION (TTI)

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Study No. 7-998 Status: TERMINATED Title: COST ESTIMATION MODELS  
 Start 11/14/89 End 08/31/89  
 Comment:  
 Researcher(s) JL MEMMOTT (TTI)

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Study No. 7-1051      Status: TERMINATED      Title: EVALUATION OF VARIOUS APPROACHES TO PROVIDING PUBLIC  
Start 05/01/76 End 08/31/77      TRANSPORTATION SERVICE IN AREAS LESS THAN 200,000 POPULATION  
Comment:  
Researcher(s)

Report No. 1051-1F      (PUBLISHED)      EVALUATION OF VARIOUS APPROACHES TO PROVIDING PUBLIC  
Date August, 1980      Pages: 205      TRANSPORTATION SERVICE IN AREAS LESS THAN 200,000  
Note:      POPULATION  
Author(s) A BLACK; CM WALTON et al

Report No. 1051-INT.      (PUBLISHED)      A LITERATURE REVIEW OF MASS TRANSIT USAGE AND CITY  
Date November, 1976      Pages: 21      CHARACTERISTICS  
Note:  
Author(s) R ELLISON

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Study No. 7-1052      Status: TERMINATED      Title: MARKETING PUBLIC AND MASS TRANSPORTATION IN TEXAS  
Start / / End / /  
Comment:  
Researcher(s)

Report No. 1052-1      (PUBLISHED)      IDENTIFICATION OF MARKET SEGMENTS: AN ANALYSIS OF TRANSIT  
Date June, 1977      Pages: 117      NEEDS AND SERVICE REQUIREMENTS  
Note:  
Author(s) NJ HATFIELD

Report No. 1052-2      (PUBLISHED)      CRITICAL FACTORS INFLUENCING THE DEMAND FOR TRANSIT  
Date June, 1977      Pages: 76  
Note:  
Author(s) PK GUSEMAN; NJ HATFIELD et al

Report No. 1052-3      (PUBLISHED)      PROMOTING TRANSIT: A MARKETING HANDBOOK  
Date June, 1977      Pages: 39  
Note:  
Author(s) NJ HATFIELD; SI BOVEY et al

Report No. 1052-4      (PUBLISHED)      BASIC MARKET RESEARCH TECHNIQUES FOR TRANSIT SYSTEMS  
Date June, 1978      Pages: 73  
Note:  
Author(s) NJ HATFIELD; PK GUSEMAN

Report No. 1052-5      (PUBLISHED)      EVALUATION OF TRANSIT SERVICE IMPROVEMENTS: MEASURE OF  
Date September, 1978      Pages: 89      SYSTEM EFFECTIVENESS  
Note:  
Author(s) PK GUSEMAN; KN WOMACK

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Study No. 7-1053      Status: TERMINATED      Title: AN ANALYSIS OF METHODS TO MORE EFFECTIVELY UTILIZE THE TAXI  
Start / / End / /      INDUSTRY IN IMPROVING PUBLIC TRANSPORTATION IN TEXAS  
Comment:  
Researcher(s)

Report No. 1053-1F      (PUBLISHED)      SOCIAL SERVICE AGENCY TRANSPORTATION SERVICES: CURRENT  
Date August, 1977      Pages: 86      OPERATIONS AND THE POTENTIAL FOR THE INCREASED INVOLVEMENT  
Note:      OF THE TAXI INDUSTRY  
Author(s) WL COX; S ROSENBLOOM

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Study No. 7-1054	Status: TERMINATED	Title: AN EVALUATION OF THE IMPORTANCE OF TRANSIT SERVICE TO MINORITY GROUPS IN TEXAS CITIES
Start / / End / /		
Comment:		
Researcher(s)		
Report No. 1054-1F	(PUBLISHED)	AN EVALUATION OF THE IMPORTANCE OF TOURIST SERVICE TO MINORITY GROUPS IN TEXAS CITIES
Date March, 1978	Pages: 145	
Note:		
Author(s) NW LEDE		
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Study No. 7-1055	Status: TERMINATED	Title: AN INVESTIGATION AND EVALUATION OF UMTA SECTION 168 (2) APPLICATION FORM
Start / / End / /		
Comment:		
Researcher(s)		
Report No. 1055-1F	(PUBLISHED)	AN EVALUATION OF UMTA 168 (2) APPLICATIONS FOR TRANSPORTATION SERVICES FOR ELDERLY AND HANDICAPPED PERSONS
Date August, 1977	Pages: 112	
Note:		
Author(s) NW LEDE		
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Study No. 7-1056	Status: TERMINATED	Title: TRANSPORTATION OF THE ELDERLY AND HANDICAPPED
Start / / End / /		
Comment:		
Researcher(s)		
Report No. 1056-1	(PUBLISHED)	SURVEY OF VEHICLES AND EQUIPMENT FOR ELDERLY AND HANDICAPPED TRANSPORTATION
Date September, 1978	Pages: 62	
Note:		
Author(s) T URBANIK; W KELLEY et al		
Report No. 1056-2F	(PUBLISHED)	TRANSPORTATION OF THE ELDERLY AND HANDICAPPED IN TEXAS: A CASE STUDY
Date September, 1979	Pages: 42	
Note:		
Author(s) T URBANIK; JA SOEGAARD		
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Study No. 7-1057	Status: TERMINATED	Title: FARE BOX AND PUBLIC REVENUE: HOW TO FINANCE PUBLIC TRANSPORTATION
Start / / End / /		
Comment:		
Researcher(s)		
Report No. 1057-1F	(PUBLISHED)	FARE BOX AND PUBLIC REVENUE: HOW TO FINANCE PUBLIC TRANSPORTATION
Date February, 1980	Pages: 78	
Note:		
Author(s) RS BILLINGSLEY; PK GUSEMAN et al		
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Study No. 7-1058	Status: TERMINATED	Title: AN EVALUATION OF THE APPLICABILITY OF LIGHT RAIL TRANSIT TO TEXAS CITIES
Start / / End / /		
Comment:		
Researcher(s)		
Report No. 1058-1F	(PUBLISHED)	AN EVALUATION OF THE APPLICABILITY OF LIGHT RAIL TRANSIT TO TEXAS CITIES
Date April, 1980	Pages: 354	
Note:		
Author(s) CM WALTON; A BLACK et al		
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Study No. 7-1059            Status: TERMINATED            Title: ENERGY AND TEXAS TRANSPORTATION, AN ANALYSIS AND EVALUATION  
Start / /    End / /            OF ALTERNATIVE FUTURES  
Comment:  
Researcher(s) T LOMAX (TTI)

Report No. 1059-1                            (PUBLISHED)            TRENDS IN TEXAS TRANSPORTATION FUEL CONSUMPTION  
Date August, 1979    Pages: 72  
Note:  
Author(s) TJ LOMAX; DL BULLARD et al

Report No. 1059-2                            (PUBLISHED)            ENERGY AND TEXAS TRANSPORTATION  
Date July, 1980       Pages: 27  
Note:  
Author(s) DL CHRISTIANSEN

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Study No. 7-1060            Status: TERMINATED            Title: EFFECTS OF MAINTENANCE REHABILITATION AND OPERATIONS COST  
Start / /    End / /            ESCALATION ON TRANSIT SYSTEMS  
Comment:  
Researcher(s) KN WOMACK (TTI)

Report No. 1060-1                            (PUBLISHED)            COSTS OF PUBLIC TRANSPORTATION IN TEXAS 1973-1977  
Date September, 1979    Pages: 81  
Note:  
Author(s) KN WOMACK; D BURKE

Report No. 1060-2F                            (PUBLISHED)            REVENUES AND SUBSIDIES OF PUBLIC TRANSPORTATION IN TEXAS,  
Date March, 1981       Pages: 51               1973-1977  
Note:  
Author(s) KN WOMACK; D BURKE

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Study No. 7-1061            Status: TERMINATED            Title: THE EFFECT OF TOTAL ACCESSIBILITY ON TRANSIT IN TEXAS  
Start / /    End / /             
Comment:  
Researcher(s) T URBANIK (TTI)

Report No. 1061-1F                            (PUBLISHED)            COST-EFFECTIVENESS OF ACCESSIBLE FIXED-ROUTE BUSES IN TEXAS  
Date September, 1979    Pages: 47  
Note:  
Author(s) T URBANIK; JA SOEGAARD

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Study No. 7-1062            Status: TERMINATED            Title: PUBLIC TRANSPORTATION UNIFORM ACCOUNTING RECORDS AND  
Start 09/01/77    End 08/31/78            REPORTING  
Comment:  
Researcher(s) A MCDONALD (TTI)

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Study No. 7-1063            Status: TERMINATED            Title: OPERATIONAL MODES FOR HUMAN SERVICES TRANSPORTATION  
Start / /    End / /             
Comment:  
Researcher(s) NW LEDE (TSU)

Report No. 1063-1F                            (PUBLISHED)            OPERATIONAL MODES FOR HUMAN SERVICES TRANSPORTATION  
Date July, 1979       Pages: 126  
Note:  
Author(s) NW LEDE

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Study No. 7-1064      Status: TERMINATED      Title: PARK-AND-RIDE DEMAND ESTIMATION  
 Start / /    End / /  
 Comment:  
 Researcher(s) DL CHRISTIANSEN (TTI)

Report No. 1064-1F      (PUBLISHED)      GUIDELINES FOR ESTIMATING PARK-AND-RIDE DEMAND  
 Date July, 1981      Pages: 81  
 Note:  
 Author(s) J NORDSTRDM; DL CHRISTIANSEN

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Study No. 7-1065      Status: TERMINATED      Title: EVALUATION OF SELECTED HUMAN SERVICES TRANSPORTATION PROVIDERS  
 Start / /    End / /  
 Comment:  
 Researcher(s) T URBANIK (TTI)

Report No. 1065-1      (PUBLISHED)      EVALUATION OF SELECTED HUMAN SERVICES TRANSPORTATION PROVIDERS IN TEXAS  
 Date August, 1980      Pages: 37  
 Note:  
 Author(s) DL BULLARD; T URBANIK

Report No. 1065-2F      (PUBLISHED)      GUIDELINES FOR EVALUATION OF HUMAN SERVICES TRANSPORTATION PROGRAMS  
 Date August, 1981      Pages: 115  
 Note:  
 Author(s) RL PETERSON; KR MARSHALL et al

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Study No. 7-1066      Status: TERMINATED      Title: IMPROVED TECHNIQUE FOR IMPACT ANALYSIS OF TRANSIT ALTERNATIVES  
 Start / /    End / /  
 Comment:  
 Researcher(s) M CHUI (TTI)

Report No. 1066-1      (PUBLISHED)      BACKGROUND DATA FOR DEVELOPING A GENERALIZED APPROACH TO EVALUATING IMPACTS OF SHORT RANGE TRANSIT ALTERNATIVES  
 Date November, 1980      Pages: 76  
 Note:  
 Author(s) MK CHUI; JL BUFFINGTON

Report No. 1066-2F      (PUBLISHED)      A GENERALIZED APPROACH TO EVALUATING IMPACTS OF SHORT RANGE TRANSIT ALTERNATIVES  
 Date August, 1981      Pages: 153  
 Note:  
 Author(s) MK CHUI; JL BUFFINGTON

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Study No. 7-1067      Status: TERMINATED      Title: LEVEL-OF-SERVICE CONCEPT APPLIED TO PUBLIC TRANSPORTATION  
 Start / /    End / /  
 Comment:  
 Researcher(s) DL BULLARD (TTI)

Report No. 1067-1F      (PUBLISHED)      LEVEL-OF-SERVICE CONCEPT APPLIED TO PUBLIC TRANSPORTATION  
 Date August, 1981      Pages: 70  
 Note:  
 Author(s) DL BULLARD; DL CHRISTIANSEN

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Study No. 7-1068      Status: TERMINATED      Title: EFFECTS OF USER CHARGES ON TEXAS COASTAL WATERWAYS  
 Start / /    End / /  
 Comment:  
 Researcher(s) PJ COSBY (TTI)

Report No. 1068-1F (PUBLISHED) SOME ECONOMIC EFFECTS OF USER CHARGES ON TEXAS' COASTAL  
Date October, 1982 Pages: 50 WATERWAYS  
Note:  
Author(s) PJ COSBY; E BRASWELL et al

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Study No. 7-1069 Status: TERMINATED Title: ANALYSIS OF RURAL TRANSPORTATION IN TEXAS  
Start / / End / /  
Comment:  
Researcher(s) T URBANIK (TTI)

Report No. 1069-1F (PUBLISHED) ANALYSIS OF RURAL PUBLIC TRANSPORTATION IN TEXAS  
Date August, 1982 Pages: 122  
Note:  
Author(s) LG NUNGESESSER; JA NORDSTROM et al

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Study No. 7-1070 Status: TERMINATED Title: EFFECTS OF NEW PUBLIC TRANSPORTATION SYSTEMS IN TEXAS  
Start / / End / /  
Comment:  
Researcher(s) DL CHRISTIANSEN (TTI)

Report No. 1070-1F (PUBLISHED) EFFECTS OF NEW PUBLIC TRANSPORTATION SYSTEMS IN TEXAS  
Date July, 1982 Pages: 198  
Note:  
Author(s) DL BULLARD; PL CONWAY et al

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Study No. 7-1072 Status: TERMINATED Title: PARK-AND-POOL LOTS IN RURAL NONURBANIZED AREAS  
Start / / End / /  
Comment:  
Researcher(s) R PETERSON (TTI)

Report No. 1072-1F (PUBLISHED) PARK-AND-POOL LOTS IN RURAL NONURBANIZED AREAS  
Date August, 1983 Pages: 281  
Note:  
Author(s) RL PETERSON; R SATO

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Study No. 7-1073 Status: TERMINATED Title: FINANCIAL ANALYSIS OF THE TEXAS TRANSIT INDUSTRY  
Start / / End / /  
Comment:  
Researcher(s) KN WOMACK (TTI)

Report No. 1073-1F (PUBLISHED) FINANCIAL ASSISTANCE TO TEXAS TRANSIT: TRENDS AND EFFECTS  
Date October, 1983 Pages: 63  
Note:  
Author(s) KN WOMACK; M VON TRESS

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Study No. 7-1074 Status: TERMINATED Title: FEASIBILITY OF UTILIZING EXISTING RAILROAD RIGHTS-OF-WAY FOR  
Start / / End / / TRANSIT CORRIDORS IN URBAN AREA  
Comment:  
Researcher(s) R PETERSON (TTI)

Report No. 1074-1F (PUBLISHED) FEASIBILITY OF UTILIZING EXISTING RAILROAD RIGHTS-OF-WAY  
Date November, 1983 Pages: 363 FOR TRANSIT CORRIDORS IN URBAN AREAS  
Note:  
Author(s) RL PETERSON; CJ PORTERFIELD et al

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Study No. 7-1075      Status: TERMINATED      Title: JOINT CENTER FOR URBAN MOBILITY RESEARCH  
Start / /    End / /  
Comment:  
Researcher(s) P LOUKISSAS (RICE)

Report No. 1075-1      (PUBLISHED)      PLANNING AND FINANCE URBAN MOBILITY IN TEXAS  
Date September, 1983    Pages: 175  
Note:  
Author(s) RICE CENTER

Report No. 1075-2      (PUBLISHED)      MOBILITY PLANNING IN MID-SIZED TEXAS CITIES  
Date November, 1984    Pages:  
Note:  
Author(s) RICE CENTER

Report No. 1075-3F      (PUBLISHED)      CONTRACTING FOR COMMUTER SERVICES IN TEXAS  
Date January, 1987    Pages: 50  
Note:  
Author(s) RICE CENTER

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Study No. 7-1076      Status: TERMINATED      Title: EFFECT OF LABOR DISPUTES ON TRANSIT RIDERSHIP  
Start / /    End / /  
Comment:  
Researcher(s) JT LAMKIN (TTI)

Report No. 1076-1F      (PUBLISHED)      EFFECT OF LABOR DISPUTES ON TRANSIT RIDERSHIP  
Date October, 1984    Pages: 79  
Note:  
Author(s) JT LAMKIN; J CAUNDERS

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Study No. 7-1077      Status: TERMINATED      Title: EFFECTIVENESS OF TRANSIT OPERATIONS IN TEXAS CITIES  
Start / /    End / /  
Comment:  
Researcher(s) DL BULLARD (TTI)

Report No. 1077-1F      (PUBLISHED)      EFFECTIVENESS OF TRANSIT OPERATIONS IN TEXAS CITIES  
Date September, 1984    Pages: 255  
Note:  
Author(s) DL BULLARD

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Study No. 7-1078      Status: TERMINATED      Title: THE ISSUE OF EQUITY IN TEXAS TRANSIT FINANCE  
Start / /    End / /  
Comment:  
Researcher(s) D BURKE (TTI)

Report No. 1078-1F      (PUBLISHED)      SOME CONSIDERATIONS OF EQUITY IN FINANCING AND PROVIDING  
Date April, 1986      Pages: 45      TRANSIT SERVICE IN TEXAS  
Note:  
Author(s) D BURKE; KN WOMACK et al

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Study No. 7-1079      Status: TERMINATED      Title: CONSTRUCTION ESTIMATING  
Start / /    End / /  
Comment:  
Researcher(s)

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Study No. 7-1080          Status: TERMINATED          Title: DEMAND ESTIMATION FOR RURAL PUBLIC TRANSPORTATION IN TEXAS  
Start / /    End / /  
Comment:  
Researcher(s) HS MAHMASSANI (CTR)

Report No. 1080-1F                                  (PUBLISHED)          RURAL PUBLIC TRANSPORTATION DEMAND: CHARACTERISTICS AND  
Date March, 1986          Pages: 93          ESTIMATION METHODOLOGY  
Note:  
Author(s) RJ MCINTYRE; HS MAHMASSANI et al

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Study No. 7-1081          Status: TERMINATED          Title: METROPOLITAN TRANSIT AUTHORITIES IN TEXAS  
Start / /    End / /  
Comment:  
Researcher(s) KN WOMACK (TTI)

Report No. 1081-1F                                  (PUBLISHED)          THE USE OF PROFILES FOR METROPOLITAN TRANSIT AUTHORITY  
Date November, 1985          Pages: 47          ANALYSIS  
Note:  
Author(s) KN WOMACK; M VON TRESS et al

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Study No. 7-1082          Status: TERMINATED          Title: TEXAS PUBLIC TRANSPORTATION REFERENCE MANUAL  
Start / /    End / /  
Comment:  
Researcher(s) DL BULLARD (TTI)

Report No. 1082-1F                                  (PUBLISHED)          TEXAS PUBLIC TRANSIT REFERENCE MANUAL  
Date November, 1985          Pages: 274  
Note:  
Author(s) DL BULLARD; LG NUNGESSER

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Study No. 7-1084          Status: TERMINATED          Title: EMPLOYER-BASED SUBSIDIZED TRANSIT IN TEXAS  
Start 09/01/86    End 08/31/87  
Comment:  
Researcher(s) DL BULLARD (TTI)

Report No. 1084-1F                                  (PUBLISHED)          EVALUATION OF EMPLOYERS DISTRIBUTED TRANSIT PASS PROGRAMS  
Date August, 1987          Pages: 194          IN TEXAS  
Note:  
Author(s) DL BULLARD

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Study No. 7-1085          Status: TERMINATED          Title: LAND USE AND INNOVATIVE FUNDING IMPACTS IN A PERMANENT  
Start 01/11/85    End 08/31/88          BUSWAY PARK-AND-RIDE TRANSIT SYSTEM  
Comment:  
Researcher(s)

Report No. 1085-1                                  (PUBLISHED)          TURNKEY PARK-AND-RIDE FACILITY INVESTIGATION  
Date December, 1987          Pages: 110  
Note:  
Author(s) B GOODMAN

Report No. 1085-1F                                  (PUBLISHED)          TURNKEY PARK AND RIDE FACILITY INVESTIGATION  
Date December, 1987          Pages: 108  
Note:  
Author(s) B GOODMAN; C PECK et al

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Study No. 7-1086      Status: TERMINATED      Title: LAND USE AND INNOVATIVE FUNDING IMPACTS IN A PERMANENT  
 Start 12/14/84    End 08/31/89      BUSWAY PARK-AND-RIDE TRANSIT SYSTEM  
 Comment:  
 Researcher(s) RW STOKES (TTI)

Report No. 1086-1      (PUBLISHED)      LAND USE AND INNOVATIVE FUNDING IMPACTS IN A PERMANENT  
 Date December, 1985    Pages: 147      BUSWAY/PARK-AND-RIDE TRANSIT SYSTEM: AN ANNOTATED  
 Note:      BIBLIOGRAPHY  
 Author(s) RL PETERSON; RW STOKES

Report No. 1086-2      (PUBLISHED)      LAND USE AND INNOVATIVE FUNDING IMPACTS IN A PERMANENT  
 Date July, 1985      Pages: 77      BUSWAY/PARK-AND-RIDE TRANSIT SYSTEM: WORK PROGRAM  
 Note:  
 Author(s) RL PETERSON; RW STOKES

Report No. 1086-3      (PUBLISHED)      SURVEY OF TRANSITWAY PROJECTS IN THE UNITED STATES AND  
 Date November, 1986    Pages: 44      CANADA  
 Note:  
 Author(s) RW STOKES; RL PETERSON

Report No. 1086-4      (PUBLISHED)      LAND USE AND INNOVATIVE FUNDING IMPACTS IN A PERMANENT  
 Date August, 1986      Pages: 49      BUSWAY/PARK-AND-RIDE TRANSIT SYSTEM  
 Note:  
 Author(s) RW STOKES; RL PETERSON

Report No. 1086-5      (PUBLISHED)      LAND USE AND INNOVATIVE FUNDING IMPACTS IN A PERMANENT  
 Date August, 1986      Pages: 63      BUSWAY/PARK-AND-RIDE TRANSIT SYSTEM: LAND USE DATA BASE  
 Note:      FOR HOUSTON'S TRANSITWAY CORRIDORS AND SECOND YEAR SUMMARY  
 Author(s) RW STOKES; RL PETERSON

Report No. 1086-6      (PUBLISHED)      LAND USE IMPACTS OF THE HOUSTON TRANSITWAY SYSTEM: THIRD  
 Date August, 1987      Pages: 53      YEAR UPDATE  
 Note:  
 Author(s) JA MULLINS; EJ WASHINGTON et al

Report No. 1086-7      (PUBLISHED)      LAND USE IMPACTS OF THE HOUSTON TRANSITWAY SYSTEM: FOURTH  
 Date August, 1988      Pages: 31      YEAR UPDATE  
 Note:  
 Author(s) JA MULLINS; RW STOKES

Report No. 1086-8F      (PUBLISHED)      LAND USE IMPACTS OF THE HOUSTON TRANSITWAY SYSTEM: SUMMARY  
 Date October, 1989      Pages: 83      REPORT  
 Note:  
 Author(s) EJ WASHINGTON; RW STOKES

Study No. 7-1087      Status: TERMINATED      Title: AUTOMATED TRANSIT RIDERSHIP DATA COLLECTION  
 Start 09/01/86    End 08/31/90  
 Comment:  
 Researcher(s) KE BARNES (TTI)

Report No. 1087-1      (PUBLISHED)      AUTOMATED TRANSIT RIDERSHIP DATA COLLECTION  
 Date September, 1988    Pages: 68  
 Note:  
 Author(s) KE BARNES; T URBANIK

Report No. 1087-2 (PUBLISHED) AUTOMATED TRANSIT RIDERSHIP DATA COLLECTION: PILOT TEST  
Date September, 1989 Pages: 68 AND USER'S GUIDE  
Note:  
Author(s) KE BARNES; T URBANIK

Report No. 1087-3F (PUBLISHED) AUTOMATED TRANSIT RIDERSHIP DATA COLLECTION SOFTWARE  
Date September, 1990 Pages: 37 DEVELOPMENT AND USER'S MANUAL  
Note:  
Author(s) K BARNES; T URBANIK

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Study No. 7-1088 Status: TERMINATED Title: STRATEGIES FOR BREAK-EVEN EXPRESS TRANSIT OPERATIONS  
Start 09/01/85 End 08/31/86  
Comment:  
Researcher(s) K KAEMMERLE (TTI)

Report No. 1088-1F (PUBLISHED) COMMUTER TRANSIT SERVICE: A FINANCIAL PERFORMANCE ANALYSIS  
Date September, 1986 Pages: 66  
Note:  
Author(s) KC KAEMMERLE

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Study No. 7-1089 Status: TERMINATED Title: TECHNICAL SEMINAR FOR SMALL TRANSIT OPERATIONS  
Start / / End / /  
Comment:  
Researcher(s) T URBANIK (TTI)

Report No. 1089-1 (PUBLISHED) TECHNICAL SEMINAR FOR SMALL TRANSIT SYSTEMS  
Date November, 1985 Pages: 23  
Note:  
Author(s) T URBANIK

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Study No. 7-1091 Status: TERMINATED Title: METROPOLITAN AREA GROWTH  
Start 09/01/85 End 08/31/86  
Comment:  
Researcher(s) B GOODMAN (RICE)

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Study No. 7-1092 Status: TERMINATED Title: COMPUTERIZED DISPATCH AIDS FOR SMALL PUBLIC TRANSPORTATION  
Start / / End / /  
Comment:  
Researcher(s) T URBANIK (TTI)

Report No. 1092-1F (PUBLISHED) SST3 USER'S MANUAL  
Date November, 1987 Pages: 71  
Note:  
Author(s) T URBANIK

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Study No. 7-1900 Status: ACTIVE Title: SMALL TASK PROJECTS  
Start 09/01/89 End / /  
Comment:  
Researcher(s) BF MCCULLOUGH (CTR) JF MALINA (CTR)

Study No. 7-1900-01 Status: TERMINATED Title: STRUCTURAL ASSISTANCE IN DISTRICT 18  
Start 09/05/90 End 09/07/90  
Comment:  
Researcher(s)

Study No. 7-1900-02	Status: INACTIVE	Title: COST ALLOCATION PROCEDURE ENHANCEMENT
Start 08/01/91	End 08/31/91	
Comment:		
Researcher(s)		
Study No. 7-1900-03	Status: ACTIVE	Title: DEVELOP MLS DISPLAY, SLIDE PRESENTATION, AND PMS VISUAL AIDS
Start 10/09/91	End 08/31/92	
Comment:		
Researcher(s) BF MCCULLOUGH (CTR)		
Study No. 7-1900-05	Status: ACTIVE	Title: ENVIRONMENTAL IMPACTS OF THE CONSTRUCTION OF THE SOUTH EXTENSION OF MOPAC
Start 11/03/91	End 08/31/92	
Comment:		
Researcher(s)		
Study No. 7-1900-06	Status: INACTIVE	Title: BRIDGE REPAIR IN CORPUS CHRISTI
Start 10/16/91	End 10/21/91	
Comment:		
Researcher(s)		
Study No. 7-1900-07	Status: ACTIVE	Title: THE ECONOMIC IMPACTS OF GENERAL AVIATION FACILITIES
Start 11/01/91	End 12/31/91	
Comment:		
Researcher(s) JE JARRETT (CTR)		
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Study No. 7-1901	Status: PROPOSED	Title: INSTALLATION OF SITES FOR AUTOMATED VEHICLE CLASSIFICATION
Start 12/01/91	End 08/31/92	
Comment:		
Researcher(s) SO MAJDI (TTI)		
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Study No. 7-1902	Status: TERMINATED	Title: USE, AVAILABILITY AND COST EFFECTIVENESS OF ASPHALT-RUBBER IN TEXAS
Start 04/03/90	End 07/31/90	
Comment: L. BUTTLER CALLED REQUEST OF LEGIS.		
Researcher(s) T URBANIK (TTI)		
Report No. 1902-1F	(PUBLISHED)	USE, AVAILABILITY AND COST-EFFECTIVENESS OF ASPHALT RUBBER IN TEXAS
Date September, 1990	Pages: 108	
Note:		
Author(s) CK ESTAKHRI; EG FERNANDO et al		
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Study No. 7-1904	Status: TERMINATED	Title: IMPACT OF PROPOSED ALTERNATE ROUTES OF STATE HIGHWAY 199 IN TARRANT COUNTY
Start 02/01/90	End 08/31/90	
Comment:		
Researcher(s) JL BUFFINGTON (TTI)		
Report No. 1904-1F	(DRAFT)	ESTIMATED ECONOMIC IMPACT OF THE PROPOSED IMPROVEMENT OF STATE HIGHWAY 199 IN TARRANT COUNTY, TEXAS
Date March, 1991	Pages: 192	
Note:		
Author(s) JL BUFFINGTON; L CRANE		
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Study No. 7-1905	Status: TERMINATED	Title: IDENTIFICATION OF SPECIAL-USE TRUCK TRAFFIC
Start 04/03/90	End 08/31/90	
Comment: PUBLISHED AS 420-3F, VOL.III EXEC. SUMM.		
Researcher(s) DR MIDDLETON (TTI)		
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Study No. 7-1906	Status: TERMINATED	Title: TEXAS MODEL VALIDATION FOR LEFT-TURN PHASING ALTERNATIVES
Start 04/23/90	End 08/31/90	
Comment:		
Researcher(s) RB MACHEMEHL (CTR)		
Report No. 1906-1F	(DRAFT)	TEXAS MODEL VALIDATION FOR LEFT-TURN PHASING ALTERNATIVES
Date December, 1990	Pages: 44	
Note:		
Author(s) RB MACHEMEHL; M ACAMPORA		
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Study No. 7-1907	Status: TERMINATED	Title: EVALUATION OF THE EFFECTIVENESS OF THE SAFETY COUNCIL OF GREATER HOUSTON'S COMMUNITY DRINKING AND DRIVING PREVENTION
Start 06/27/90	End 10/31/90	
Comment:		
Researcher(s) B SIMONS-MORTON (UTH)		
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Study No. 7-1910	Status: PROPOSED	Title: COST ALLOCATION PROCEDURE ENHANCEMENT
Start 04/18/91	End 08/31/92	
Comment:		
Researcher(s) D BURKE (TTI)		
Report No. 1910-1	(DRAFT)	COST ALLOCATION PROCEDURE ENHANCEMENT
Date September, 1991	Pages: 60	
Note:		
Author(s) ZA GOFF; D BURKE et al		
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Study No. 7-1911	Status: TERMINATED	Title: IMPLEMENTATION OF BRIDGE REHABILITATION AND REPLACEMENT SELECTION SYSTEM ON THE SDHPT MAINFRAME COMPUTER
Start 04/23/90	End 08/31/91	
Comment:		
Researcher(s) WR HUDSON (CTR)		
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Study No. 7-1914	Status: ACTIVE	Title: ROADSIDE DEVELOPMENT AND MANAGEMENT PROGRAM AND FIELD LABORATORY: EROSION CONTROL MATERIAL TESTING
Start 05/11/90	End / /	
Comment:		
Researcher(s) HC LANDPHAIR (TTI)		
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Study No. 7-1915	Status: TERMINATED	Title: ASSESSMENT OF THE PROPOSED IMPROVEMENTS OF US HIGHWAY 287 IN WICHITA FALLS, TEXAS
Start 05/11/90	End 12/30/90	
Comment:		
Researcher(s) JL BUFFINGTON (TTI)		
Report No. 1915-1F	(DRAFT)	ECONOMIC ASSESSMENT OF THE PROPOSED IMPROVEMENT OF U.S. HIGHWAY 287 IN WICHITA FALLS, TEXAS
Date October, 1991	Pages: 248	
Note:		
Author(s) JL BUFFINGTON; LM CRANE et al		
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Study No. 7-1916	Status: ACTIVE	Title: INVESTIGATE PAVEMENT SURFACE MEASUREMENT METHODS APPLICABLE FOR CONSTRUCTION CONTROL
Start 06/11/90	End 08/31/92	
Comment:		
Researcher(s) RW WALKER (UTA)		
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Study No. 7-1917	Status: TERMINATED	Title: CRASH TESTING AND EVALUATION OF WORK ZONE TRAFFIC CONTROL DEVICES
Start 06/13/90	End 08/31/90	
Comment:		
Researcher(s) KK MAK (TTI)		

Report No. 1917-1  
Date October, 1990 Pages: 74  
Note:  
Author(s) KK MAK; WL CAMPISE

(NOT PUBLISHED) TESTING AND EVALUATION OF WORK ZONE TRAFFIC CONTROL DEVICES

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Study No. 7-1918 Status: ACTIVE  
Start 06/18/90 End 08/31/92  
Comment:  
Researcher(s) T SCULLION (TTI)

Title: INCORPORATING DISTRICT REQUIREMENTS INTO MICRO-PES  
(PAVEMENT EVALUATION SYSTEM)

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Study No. 7-1920 Status: ACTIVE  
Start 09/01/90 End 08/31/92  
Comment:  
Researcher(s) S NAZARIAN (UTEP)

Title: EFFECT OF VEHICULAR VIBRATION ON DEBONDING AND DELAMINATION  
OF CONCRETE OVERLAYS

Report No. 1920-1 Vol. 1 (DRAFT)  
Date October, 1991 Pages: 115  
Note:  
Author(s)

LABORATORY INVESTIGATION OF DELAMINATION AND DEBONDING OF  
THIN-BONDED OVERLAYS DUE TO VEHICULAR VIBRATION

Report No. 1920-1 Vol. 2 (DRAFT)  
Date October, 1991 Pages: 180  
Note:  
Author(s) J RODRIGUEZ-GOMEZ; S NAZARIAN

LABORATORY INVESTIGATION OF DELAMINATION AND DEBONDING OF  
THIN-BONDED OVERLAYS DUE TO VEHICULAR VIBRATION  
(APPENDICES AND SUPPORTING DATA)

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Study No. 7-1921 Status: ACTIVE  
Start 09/01/90 End 08/31/92  
Comment:  
Researcher(s) RS WALKER (UTA)

Title: AUTOMATED SURFACE INSTRUMENTATION METHODS

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Study No. 7-1922 Status: ACTIVE  
Start 09/01/90 End 08/31/92  
Comment:  
Researcher(s) WR MCCASLAND (TTI)

Title: EVALUATION OF A MOTORIST ASSISTANCE PROGRAM USING FREEWAY  
PATROL VEHICLES

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Study No. 7-1923 Status: ACTIVE  
Start 09/01/90 End 08/31/92  
Comment:  
Researcher(s) T SCULLION (TTI)

Title: CONTINUED DEVELOPMENT OF THE TEXAS GROUND PENETRATING  
RADAR SYSTEM

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Study No. 7-1924 Status: ACTIVE  
Start 10/22/90 End 08/31/92  
Comment:  
Researcher(s) BF MCCULLOUGH (CTR)

Title: MLS PROTOTYPE DESIGN AND MODEL MLS APPLICATION

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Study No. 7-1925 Status: ACTIVE  
Start 09/07/90 End 08/31/92  
Comment:  
Researcher(s) HC LANDPHAIR (TTI)

Title: VIDEO AND DESIGN IMAGERY FOR DISTRICT 12

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Study No. 7-1927 Status: TERMINATED  
Start 10/22/90 End 08/31/91  
Comment:  
Researcher(s) T URBANIK (TTI)

Title: IH-35/DEL MAR BOULEVARD INTERCHANGE STUDY, LAREDO, TEXAS

Study No. 7-1928          Status: PROPOSED                  Title: FEASIBILITY OF DEVELOPING AN AUTOMATED INCIDENT MANAGEMENT  
Start / /    End 08/31/92                                  PLAN (AIM)  
Comment:  
Researcher(s) RH SIEGFRIED (TTI)

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Study No. 7-1929          Status: ACTIVE                                  Title: SOUNDNESS TEST FOR AGGREGATE  
Start 01/18/91    End 12/31/91  
Comment:  
Researcher(s) P JAYAWICKRAMA (TECH)

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Study No. 7-1930          Status: TERMINATED                              Title: FERRY OPERATIONS FEASIBILITY STUDY  
Start 01/02/91    End 05/31/91  
Comment:  
Researcher(s) WA LUKER (TTI)

Report No. 1930-1F                                  (DRAFT)                  FERRY OPERATIONS FEASIBILITY STUDY  
Date May, 1991                  Pages: 33  
Note:  
Author(s) WA LUKER

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Study No. 7-1931          Status: TERMINATED                              Title: ASSIST DISTRICT 2 IN DESIGN OF SURVEILLANCE AND  
Start 11/09/90    End 08/31/91                                  COMMUNICATIONS SYSTEMS  
Comment:  
Researcher(s) CW BLUMENTRITT (TTI)

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Study No. 7-1933          Status: ACTIVE                                  Title: ENVIRONMENTAL CONCERNS IN MAINTENANCE: A PROACTIVE  
Start 01/08/91    End 08/31/92                                  INITIATIVE  
Comment:  
Researcher(s) WG MCCULLY (TTI)

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Study No. 7-1934          Status: ACTIVE                                  Title: MODEL PAVEMENT TESTING  
Start 01/17/91    End 08/31/92  
Comment:  
Researcher(s) BF MCCULLOUGH (CTR)

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Study No. 7-1935          Status: TERMINATED                              Title: US 83 EXPRESSWAY STUDY WESLACO/MERCEDES, TEXAS  
Start 01/11/91    End 08/31/91  
Comment:  
Researcher(s) T URBANIK (TTI)

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Study No. 7-1936          Status: ACTIVE                                  Title: CONTROL OF SEDIMENT DEPOSITION PROCESS AT BIG SANDY DRAW  
Start 03/12/91    End 08/31/92                                  BRIDGE AND INTERSTATE 20  
Comment:  
Researcher(s) BJ CLABORN (TECH)

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Study No. 7-1937          Status: TERMINATED                              Title: COST ALLOCATION PROCEDURE ENHANCEMENT  
Start 05/28/91    End 08/31/91  
Comment:  
Researcher(s) CM WALTON (CTR)

Report No. 1937-1F                                  (DRAFT)                  ANALYSIS OF TEXAS HIGHWAY COST RESPONSIBILITY  
Date October, 1991                  Pages: 50  
Note:  
Author(s) MA EURITT; CM WALTON

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Study No. 7-1938	Status: TERMINATED	Title: CRASH TESTING AND EVALUATION OF WORK ZONE TRAFFIC CONTROL DEVICES
Start 05/01/91	End 08/31/91	
Comment:		
Researcher(s) KK MAK (TTI)		
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Study No. 7-1939	Status: ACTIVE	Title: RIGID PAVEMENT EVALUATION SYSTEM
Start 03/20/91	End 08/31/92	
Comment:		
Researcher(s) J UZAN (TTI) T SCULLION (TTI)		
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Study No. 7-1940	Status: ACTIVE	Title: HIGHWAY PLANNING AND OPERATIONS FOR DISTRICT 18 - PHASE II
Start 09/01/91	End 08/31/93	
Comment:		
Researcher(s) CH WALTERS (TTI)		
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Study No. 7-1941	Status: ACTIVE	Title: PLANNING, DESIGN AND OPERATION OF TRANSPORTATION FACILITIES IN HOUSTON - PHASE II
Start 10/11/91	End 08/31/93	
Comment:		
Researcher(s) WR MCCASLAND (TTI)		
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Study No. 7-1943	Status: PROPOSED	Title: WATER QUANTITY AND QUALITY IMPACTS ASSESSMENT OF HIGHWAY CONSTRUCTION IN AUSTIN, TEXAS AREA
Start / /	End 08/31/95	
Comment:		
Researcher(s) JF MALINA (CTR)		
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Study No. 7-1947	Status: ACTIVE	Title: IMPLEMENTATION OF ABSOLUTE CALIBRATION SYSTEMS DEVELOPED BY UTEP & SHRP
Start 05/28/91	End 08/31/92	
Comment:		
Researcher(s) S NAZARIAN (UTEP)		
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Study No. 7-1948	Status: ACTIVE	Title: REPAIR OF FIRE DAMAGE CONCRETE PAVEMENT ON I45
Start 06/21/91	End 08/31/92	
Comment:		
Researcher(s) BF MCCULLOUGH (CTR)		
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Study No. 7-1949	Status: ACTIVE	Title: STANDARDS, POLICIES, GUIDELINES AND DESIGNS
Start 09/01/91	End 08/31/92	
Comment:		
Researcher(s) DL IVEY (TTI)		
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Study No. 7-1949-01	Status: ACTIVE	Title: REVIEW OF LENGTH-OF-NEED CRITERIA FOR MB6F
Start 10/15/91	End 02/28/92	
Comment:		
Researcher(s) DL IVEY (TTI)		
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Study No. 7-1949-02	Status: PROPOSED	Title: MATERIAL DEVELOPMENT - SUPERELEVATION SECTION - TXDOT DESIGN MANUAL
Start / /	End 02/28/92	
Comment:		
Researcher(s) K FITZPATRICK (TTI)		
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Study No. 7-1950	Status: ACTIVE	Title: DESIGN OF SURVEILLANCE AND COMMUNICATION SYSTEMS FOR DISTRICT 2
Start 09/20/91	End 08/31/92	
Comment:		
Researcher(s) CW BLUMENTRITT (TTI)		
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Study No. 7-1952	Status: PROPOSED	Title: DEVELOPMENT AND IMPLEMENTATION OF GPS SATELLITE POSITIONING APPLICATIONS FOR TX DOT
Start 09/01/91	End 08/31/92	
Comment:		
Researcher(s) A TUCKER (CTR)		
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Study No. 7-1953	Status: ACTIVE	Title: ANALYSIS OF IH-35 DESIGN ALTERNATIVE FOR DISTRICT 14
Start 11/03/91	End 08/31/93	
Comment:		
Researcher(s) J BENSON (TTI)		
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Study No. 7-1954	Status: INACTIVE	Title: DYNAMIC TESTING OF 0.6 INCH DIAMETER ASTMA 416 PC STRAND
Start 10/03/91	End 10/31/91	
Comment:		
Researcher(s) JR MCDONALD (TT)		
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Study No. 7-1956	Status: PROPOSED	Title: CONSTRUCTION OF THE FALLING WEIGHT DEFLECTOMETER (FWD) CALIBRATION FACILITY
Start / /	End / /	
Comment:		
Researcher(s)		
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Study No. 7-1973	Status: ACTIVE	Title: RAILROAD GRADE CROSSING ACR COUNTS
Start 08/01/91	End 03/31/92	
Comment:		
Researcher(s)		
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Study No. 7-1990	Status: ACTIVE	Title: SMALL TASK PROJECTS
Start 09/01/89	End / /	
Comment:		
Researcher(s) CV WOOTAN (TTI)		
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Study No. 7-1990-01	Status: TERMINATED	Title: PRODUCE COMPUTER MODIFIED IMAGES FOR THE PROPOSED CONSTRUCTION OF HIGHWAY 288
Start 05/15/90	End 06/06/90	
Comment:		
Researcher(s)		
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Study No. 7-1990-02	Status: TERMINATED	Title: PRODUCE COMPUTER MODIFIED IMAGES FOR THE PROPOSED CONSTRUCTION OF HIGHWAY 71
Start / /	End 06/30/90	
Comment:		
Researcher(s)		
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Study No. 7-1990-03	Status: TERMINATED	Title: VIDEO IMAGING FOR PROPOSED WIDENING OF LOOP 610 WEST, HOUSTON, TEXAS
Start 07/06/90	End 07/18/90	
Comment:		
Researcher(s)		
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Study No. 7-1990-04	Status: TERMINATED	Title: TRIP PROGRAM DEVELOPED AND TESTED FOR USE IN CALCULATING BENEFIT-COST ESTIMATES FOR ADDED-CAPACITY AND NEW LOCATION BYPASS PROJECTS IN THE PDP
Start / /	End / /	
Comment:		
Researcher(s)		
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Study No. 7-1990-06	Status: TERMINATED	Title: VIDEO AND DESIGN IMAGERY SERVICES FOR DISTRICT 17 SDHPT
Start 04/15/91	End 08/31/91	
Comment:		
Researcher(s)		



Study No. 7-1990-08      Status: TERMINATED      Title: REVIEW OF STATE AND FEDERAL LEGISLATION - TRANSIT SERVICES  
Start 07/15/91 End 08/31/91      & PROVIDERS  
Comment:  
Researcher(s) KF TURNBULL (TTI)

Study No. 7-1990-09      Status: ACTIVE      Title: ANALYSIS OF COST EFFECTIVENESS INDEX FOR PROJECT  
Start 10/18/91 End 12/30/91      DEVELOPMENT PLAN (PDP) RANKINGS  
Comment:  
Researcher(s) DJ MESSER (TTI)

Study No. 7-1990-10      Status: PROPOSED      Title: DATABASE OF RURAL TRANSPORTATION INFORMATION  
Start / / End 01/31/92  
Comment:  
Researcher(s) T LOMAX (TTI)

Report No. 1990-1      (DRAFT)      FEDERAL AND STATE LEGISLATION AND POLICIES RELATING TO  
Date September, 1991 Pages: 38      TRANSIT IN TEXS  
Note:  
Author(s) KF TURNBULL

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Study No. 7-1995      Status: ACTIVE      Title: TRANSPORTATION PLANNING ASSISTANCE FOR DISTRICT 2 -  
Start 10/07/91 End 08/31/93      PHASE II  
Comment:  
Researcher(s) CH WALTERS (TTI)

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Study No. 7-2001      Status: TERMINATED      Title: PUBLIC TRANSPORTATION SERVICE FOR SUBURBAN DEVELOPMENT  
Start 09/16/87 End 08/31/88      PATTERNS  
Comment:  
Researcher(s) EJ WASHINGTON (TTI)

Report No. 2001-1F      (PUBLISHED)      PLANNING GUIDELINES FOR SUBURBAN TRANSIT SERVICES  
Date August, 1988 Pages: 90  
Note:  
Author(s) EJ WASHINGTON; RW STOKES

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Study No. 7-2003      Status: TERMINATED      Title: THE COST AND BENEFITS OF URBAN PUBLIC TRANSIT IN TEXAS  
Start 09/16/87 End 08/31/89  
Comment:  
Researcher(s)

Report No. 2003-1F      (PUBLISHED)      THE COST AND BENEFITS OF URBAN PUBLIC TRANSIT IN TEXAS  
Date November, 1989 Pages: 71  
Note:  
Author(s) TJ LOMAX; JL MEMMOTT

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Study No. 7-2004      Status: TERMINATED      Title: DEVELOPMENT OF PUBLIC TRANSPORTATION TECHNICAL STUDIES  
Start 09/01/88 End 08/31/89      AGENDA FOR TEXAS  
Comment:  
Researcher(s)

Report No. 2004-1F      (PUBLISHED)      TRANSIT STUDY NEEDS IN TEXAS  
Date September, 1989 Pages: 44  
Note:  
Author(s) RW STOKES

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Study No. 7-2005	Status: TERMINATED	Title: THE DEVELOPMENT OF STANDARD TRANSIT PROFILES
Start 09/01/88	End 08/31/89	
Comment:		
Researcher(s) DL BULLARD (TTI)		
Report No. 2005-IF	(PUBLISHED)	THE DEVELOPMENT OF STANDARD TRANSIT PROFILES FOR TEXAS
Date November, 1989	Pages: 296	
Note:		
Author(s) DL BULLARD		
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Study No. 7-2007	Status: TERMINATED	Title: ROLES/JUSTIFICATION FOR TRANSIT IN TEXAS
Start 09/01/89	End 08/31/90	
Comment:		
Researcher(s) RW STOKES (TTI)		
Report No. 2007-IF	(PUBLISHED)	ROLES FOR TRANSIT IN TEXAS
Date November, 1990	Pages: 51	
Note:		
Author(s) EJ WASHINGTON; RW STOKES		
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Study No. 7-2008	Status: TERMINATED	Title: RURAL AND MUNICIPAL TRANSIT SYSTEM PERFORMANCE INDICATORS
Start 09/01/89	End 08/31/90	
Comment:		
Researcher(s) T LOMAX (TTI)		
Report No. 2008-IF	(PUBLISHED)	PERFORMANCE MEASURES FOR RURAL TRANSIT OPERATORS
Date October, 1990	Pages: 133	
Note:		
Author(s) D CARTER; T LOMAX		
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Study No. 8-800	Status: PROPOSED	Title: GENERAL STRATEGIC HIGHWAY RESEARCH PROGRAM CHARGES
Start 09/01/88	End / /	
Comment:		
Researcher(s)		
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Study No. 8-801	Status: ACTIVE	Title: STRATEGIC HIGHWAY RESEARCH PROGRAM PAVEMENT PERFORMANCE MONITORING
Start 09/01/88	End / /	
Comment:		
Researcher(s)		
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Study No. 9-500	Status: ACTIVE	Title: CATHODIC PROTECTION FOR REINFORCED CONCRETE BRIDGE DECK-BIG SPRING
Start 11/19/84	End 10/01/92	
Comment:		
Researcher(s) L SMITH (D-10)		
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Study No. 9-501	Status: TERMINATED	Title: FREEWAY CONTROL DEMONSTRATION
Start 07/09/70	End 08/31/72	
Comment: REPORTED UNDER PROJECT 0-165		
Researcher(s) WR MCCASLAND (TTI)		
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Study No. 9-502	Status: TERMINATED	Title: EVALUATION AND REVISION OF TEXAS HIGHWAY DEPARTMENT RIGID PAVEMENT DESIGN PROCEDURE
Start 09/01/70	End 08/31/71	
Comment:		
Researcher(s) BF MCCULLOUGH (CTR)HJ TREYBIG (CTR)		

Report No. 502-1F (PUBLISHED) EVALUATION AND REVISION OF TEXAS HIGHWAY DEPARTMENT RIGID  
Date November, 1972 Pages: 115 PAVEMENT DESIGN PROCEDURE  
Note:  
Author(s) BF MCCULLOUGH; HS TREYBIG et al

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Study No. 9-503 Status: TERMINATED Title: MAINTENANCE MATERIALS FOR HIGH FRICTION PAVEMENT  
Start 03/26/71 End 08/31/91 IMPLEMENTATION  
Comment:  
Researcher(s) J EPPS (TTI)

Report No. 503-1F (PUBLISHED) LIGHTWEIGHT HOT-MIX, COLD LAID MAINTENANCE MIXTURE  
Date December, 1972 Pages: 41  
Note:  
Author(s) HD SWILLEY; BM GALLAWAY et al

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Study No. 9-504 Status: TERMINATED Title: FIELD EVALUATION OF VOID SPACING INDICATOR  
Start 09/01/71 End 08/31/72  
Comment:  
Researcher(s) WE ELMORE (D-9)B BANISTER (D-9)

Report No. 504-1F (PUBLISHED) FIELD EVALUATION OF VOID SPACING INDICATOR  
Date February, 1974 Pages: 47 NTIS PB2394  
Note:  
Author(s) BN BANISTER

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Study No. 9-505 Status: TERMINATED Title: UTILIZATION OF NEW ANALYTICAL METHODS IN BRIDGE DESIGN  
Start 09/01/71 End 08/31/72  
Comment:  
Researcher(s) H MATLOCK (CTR)

Report No. 505-1F (PUBLISHED) UTILIZATION OF NEW ANALYTICAL METHODS IN BRIDGE DESIGN  
Date August, 1974 Pages: 12  
Note:  
Author(s) JJ PANAK

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Study No. 9-506 Status: TERMINATED Title: DEVELOPMENT OF DESIGN CHARTS FOR MINOR SERVICE STRUCTURE  
Start 09/01/70 End 08/31/71 FOUNDATIONS  
Comment:  
Researcher(s) RL LYTTON (TTI)

Report No. 506-1F (PUBLISHED) DESIGN CHARTS FOR MINOR SERVICE STRUCTURES FOUNDATIONS  
Date September, 1971 Pages: 60  
Note:  
Author(s) RL LYTTON

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Study No. 9-507 Status: TERMINATED Title: DEMONSTRATION AND EVALUATION OF THE DELAMINATION DETECTOR  
Start 08/02/74 End 01/30/75  
Comment:  
Researcher(s) JB CANFIELD (D-9)

Report No. 507-1F (PUBLISHED) DEMONSTRATION AND EVALUATION OF THE DELAMINATION DETECTOR  
Date October, 1974 Pages: 50  
Note:  
Author(s) JB CANFIELD

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Report No. 512-1 Date January, 1976 Note: FHWA-TS-78-003 Author(s) BM GALLAWAY; D SAYLAK	Pages: 59	(PUBLISHED) NTIS PB279093	SULPHUR/ASPHALT MIXTURE DESIGN AND CONSTRUCTION DETAILS - LUFKIN FIELD TRIALS
Report No. 512-2 Date October, 1976 Note: Author(s) D SAYLAK; BM GALLAWAY	Pages: 9	(PUBLISHED)	INTERIM REPORT NO. 2: POST CONSTRUCTION EVALUATION OF SULPHUR-ASPHALT PAVEMENT TEST SECTIONS
Report No. 512-3 Date May, 1977 Note: Author(s) D SAYLAK; BM GALLAWAY	Pages: 9	(PUBLISHED)	INTERIM REPORT NO. 3: POST CONSTRUCTION EVALUATION OF SULPHUR-ASPHALT PAVEMENT TEST SECTIONS
Report No. 512-4 Date October, 1977 Note: Author(s) D SAYLAK; BM GALLAWAY	Pages: 8	(PUBLISHED)	INTERIM REPORT NO. 4: POST CONSTRUCTION EVALUATION OF U.S. 69 SULPHUR-ASPHALT PAVEMENT TEST SECTIONS IN LUFKIN, TEXAS
Report No. 512-5 Date September, 1978 Note: Author(s) D NEWCOMB; D SAYLAK et al	Pages: 19	(PUBLISHED)	INTERIM REPORT NO. 5: POST CONSTRUCTION EVALUATION OF U.S. 69 SULPHUR-ASPHALT PAVEMENT TEST SECTION IN LUFKIN, TEXAS
Report No. 512-6 Date February, 1979 Note: Author(s) BM GALLAWAY; D NEWCOMB et al	Pages: 16	(PUBLISHED)	INTERIM REPORT NO. 6: POST CONSTRUCTION EVALUATION OF U.S. 69 SULPHUR-ASPHALT PAVEMENT TEST SECTIONS IN LUFKIN, TEXAS
Report No. 512-7 Date August, 1980 Note: FHWA-TS-80-235 Author(s) D SAYLAK; CY JACOBS et al	Pages: 75	(PUBLISHED)	POST-CONSTRUCTION EVALUATION OF U.S. 69 SULPHUR-EXTENDED- ASPHALT (SEA) PAVEMENT TEST SECTIONS IN LUFKIN, TEXAS
Report No. 512-8 Date January, 1981 Note: Author(s) BM GALLAWAY	Pages: 3	(PUBLISHED)	LETTER PROGRESS REPORT ON U.S. 69 SULPHUR-ASPHALT PAVEMENT TEST SECTIONS IN LUFKIN, TEXAS
Report No. 512-9 Date December, 1981 Note: Author(s) BM GALLAWAY; FC BENSON et al	Pages: 24	(PUBLISHED)	INTERIM REPORT NO. 7: POST CONSTRUCTION EVALUATION OF U.S. 69 SULPHUR-ASPHALT PAVEMENT TEST SECTIONS IN LUFKIN, TEXAS
Report No. 512-10 Date December, 1981 Note: Author(s) BM GALLAWAY	Pages: 4	(PUBLISHED)	LETTER PROGRESS REPORT ON U.S. 69 SULPHUR-ASPHALT PAVEMENT TEST SECTIONS IN LUFKIN, TEXAS
Report No. 512-11 Date June, 1982 Note: Author(s) BM GALLAWAY	Pages: 4	(PUBLISHED)	LETTER PROGRESS REPORT ON U.S. 69 SULPHUR-ASPHALT PAVEMENT TEST SECTIONS IN LUFKIN, TEXAS

Report No. 512-12 (PUBLISHED) POST CONSTRUCTION EVALUATION OF U.S. 69 SULPHUR ASPHALT  
Date July, 1983 Pages: 142 PAVEMENT TEST SECTIONS IN LUFKIN, TEXAS  
Note:  
Author(s) FC BENSON; BM GALLAWAY et al

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Study No. 9-513 Status: TERMINATED Title: SAFETY GRATES  
Start 03/22/85 End 10/23/86  
Comment:  
Researcher(s) R BIGGS (DS-11)

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Study No. 9-514 Status: TERMINATED Title: EFFECTS OF TEMPERATURE ON PLASTIC CRASH CUSHIONS  
Start 10/01/75 End 08/31/76  
Comment:  
Researcher(s) CE LEE (CTR)

Report No. 514-1F (PUBLISHED) EFFECTS OF TEMPERATURE CHANGE ON PLASTIC CRASH CUSHIONS  
Date January, 1976 Pages: 31  
Note:  
Author(s) VN TOTH; CE LEE

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Study No. 9-515 Status: TERMINATED Title: WORKSHOP ON TWO-DIMENSIONAL MATHEMATICAL MODEL FOR USE IN  
Start 03/12/76 End 12/16/76 HYDRAULIC PROBLEMS  
Comment:  
Researcher(s) S FOX (D-5)

Report No. 515-1F (PUBLISHED) SUMMARY REPORT FROM WORKSHOP ON TWO-DIMENSIONAL  
Date September, 1976 Pages: 78 MATHEMATICAL MODELS FOR USE IN HYDRAULIC PROBLEMS  
Note: FHWA NO. 77-55  
Author(s) FD MASCH

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Study No. 9-516 Status: TERMINATED Title: CHARACTERISTICS OF HIGHWAY RUNOFF ON AIR QUALITY IN TEXAS  
Start 04/14/77 End 05/01/79  
Comment:  
Researcher(s) RD MOE (D-8)

Report No. 516-1F (PUBLISHED) CHARACTERISTICS OF HIGHWAY RUNOFF IN TEXAS  
Date September, 1978 Pages: 60  
Note: FHWA RD 78 197  
Author(s) RD MOE; JA BULLIN et al

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Study No. 9-517 Status: TERMINATED Title: FREEWAY MODIFICATIONS TO INCREASE TRAFFIC FLOW  
Start 11/08/77 End 01/31/79  
Comment:  
Researcher(s) WR MCCASLAND (TTI)

Report No. 517-1 (NOT PUBLISHED) FREEWAY MODIFICATIONS TO INCREASE TRAFFIC FLOW -  
Date May, 1970 Pages: 81 BIBLIOGRAPHY OF TECHNICAL REPORTS  
Note:  
Author(s) WR MCCASLAND

Report No. 517-2F (NOT PUBLISHED) FREEWAY MODIFICATIONS TO INCREASE TRAFFIC FLOW-FINAL REPORT  
Date October, 1978 Pages: 106  
Note:  
Author(s) WR MCCASLAND

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✓ Report No. 520-1 (PUBLISHED) CONCEPTUAL DESIGN OF AN INTERACTIVE GRAPHICS AIDED DESIGN SYSTEM  
 Date January, 1977 Pages: 82  
 Note:  
 Author(s) WL CRAWFORD

✓ Report No. 520-2 (PUBLISHED) INTERACTIVE GRAPHIC AIDED DESIGN SYSTEM SUMMARY OF GENERAL SYSTEM DESIGN  
 Date September, 1978 Pages: 49  
 Note:  
 Author(s) WL CRAWFORD

✓ Report No. 520-3 (PUBLISHED) INTERACTIVE GRAPHICS AIDED DESIGN SYSTEM-GENERAL SYSTEM DESIGN  
 Date February, 1983 Pages: 167  
 Note:  
 Author(s) WL CRAWFORD

✓ Report No. 520-4F (PUBLISHED) INTERACTIVE GRAPHICS ROADWAY DESIGN SYSTEM-SYSTEM DESIGN  
 Date September, 1983 Pages: 185  
 Note:  
 Author(s) WL CRAWFORD; CW BEILFUSS

Study No. 9-521 Status: TERMINATED Title: SLIDE CASSETTE TAPE PRESENTATION ON THE QUICK LOAD TESTING METHOD  
 Start 05/12/76 End 05/07/77  
 Comment:  
 Researcher(s) HD BUTLER (D-5)

Report No. 521-1F (PUBLISHED) THE TEXAS QUICK-LOAD METHOD FOR FOUNDATION LOAD TESTING - USER'S MANUAL  
 Date December, 1976 Pages: 58 NTIS PB267353  
 Note:  
 Author(s) HD BUTLER; HE HOY

Study No. 9-522 Status: TERMINATED Title: CATHODIC PROTECTION FOR REINFORCED CONCRETE BRIDGE DECKS  
 Start 06/11/76 End 08/31/81  
 Comment:  
 Researcher(s) V CASTLEBERRY (DS-25)

Report No. 522-1F (NOT PUBLISHED) CATHODIC PROTECTION INSTALLATION - FINAL REPORT  
 Date August, 1981 Pages: 38  
 Note:  
 Author(s) V CASTLEBERRY

Study No. 9-523 Status: TERMINATED Title: DISCARDED TIRES IN HIGHWAY CONSTRUCTION  
 Start 03/25/76 End 03/25/79  
 Comment:  
 Researcher(s) JL LAWRENCE (DS-24)

Report No. 523-1 (NOT PUBLISHED) INITIAL REPORT ON RUBBERIZED ASPHALT SEAL ON IH-10 IN HUDSPETH COUNTY, TEXAS  
 Date September, 1976 Pages: 44  
 Note:  
 Author(s) JL LAWRENCE

Report No. 523-2 (NOT PUBLISHED) EIGHT-MONTH EVALUATION OF RUBBERIZED ASPHALT SEAL ON IH-10 IN HUDSPETH COUNTY, TEXAS  
 Date February, 1977 Pages: 6  
 Note:  
 Author(s) JL LAWRENCE



Report No. 523-3 (NOT PUBLISHED) FOURTEENTH-MONTH EVALUATION OF RUBBERIZED ASPHALT SEAL ON  
Date September, 1977 Pages: 6 IH-10 IN HUDSPETH COUNTY, TEXAS  
Note:  
Author(s) JL LAWRENCE

Report No. 523-4F (NOT PUBLISHED) DISCARDED TIRES IN HIGHWAY CONSTRUCTION - FINAL REPORT  
Date September, 1981 Pages: 15  
Note:  
Author(s) JL LAWRENCE; CW TITUS

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Study No. 9-524 Status: TERMINATED Title: RECYCLING ASPHALT CONCRETE PAVEMENT  
Start 04/21/76 End 08/31/80  
Comment:  
Researcher(s) CH HUGHES (D-9)

Report No. 524-1 (PUBLISHED) RECYCLING ASPHALT CONCRETE PAVEMENT  
Date August, 1977 Pages: 140  
Note:  
Author(s) CH HUGHES

Report No. 524-2F (PUBLISHED) RECYCLING ASPHALT CONCRETE PAVEMENT  
Date November, 1981 Pages: 63  
Note:  
Author(s) CH HUGHES

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Study No. 9-525 Status: TERMINATED Title: TRAINING COURSE ON HIGHWAY SAFETY IMPROVEMENT PROGRAMMING  
Start 09/30/76 End 12/30/77  
Comment:  
Researcher(s) R RATCLIFF (D-18)

Report No. 525-1F Vol. 1 (PUBLISHED) SAFETY IMPROVEMENT PROGRAMMING FOR ROADSIDE OBSTACLES -  
Date January, 1977 Pages: VOLUME I: COURSE TEXT  
Note:  
Author(s)

Report No. 525-1F Vol. 2 (PUBLISHED) SAFETY IMPROVEMENT PROGRAMMING FOR ROADSIDE OBSTACLES -  
Date September, 1977 Pages: 198 VOLUME II: INSTRUCTOR'S MANUAL  
Note:  
Author(s) GD WEAVER; DR HATCHER et al

Report No. 525-1F Vol. 3 (PUBLISHED) SAFETY IMPROVEMENT PROGRAMMING FOR ROADSIDE OBSTACLES -  
Date September, 1977 Pages: 52 VOLUME III: PROJECT REPORT  
Note:  
Author(s) GD WEAVER; A HUBER et al

Report No. 525-1F Vol. 4 (PUBLISHED) SAFETY IMPROVEMENT PROGRAMMING FOR ROADSIDE OBSTACLES -  
Date , Pages: VOLUME IV: COMPUTER DOCUMENTATION  
Note:  
Author(s)

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Study No. 9-526 Status: TERMINATED Title: EVALUATION OF OVERFLEX PAVEMENT TEST SECTIONS  
Start 06/02/76 End 03/01/79  
Comment:  
Researcher(s) K HANKINS (D-10)

Report No. 526-1 (PUBLISHED) EXPERIMENTAL SEAL COAT CONSTRUCTION - INCLUDING OVERFLEX  
Date December, 1976 Pages: 29  
Note:  
Author(s) KD HANKINS; JF NIXON

✓ Report No. 526-2F (PUBLISHED) EXPERIMENTAL SEAL COAT CONSTRUCTION, INCLUDING OVERFLEX-TWO  
Date November, 1978 Pages: 75  
Note: FHWA-DP-37-1  
Author(s) KD HANKINS; JF NIXON

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Study No. 9-527 Status: TERMINATED Title: RECYCLING ASPHALT PAVEMENT  
Start 09/22/76 End 09/22/79  
Comment:  
Researcher(s) CH HUGHES (D-9)

Report No. 527-1 (PUBLISHED) RECYCLING ASPHALT PAVEMENT - ROSCOE, TEXAS  
Date November, 1978 Pages: 132  
Note: FHWA-DP-39-11  
Author(s) BR LINDLEY

Report No. 527-2F (PUBLISHED) RECYCLING ASPHALT PAVEMENT  
Date January, 1980 Pages: 3  
Note:  
Author(s) BR LINDLEY

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Study No. 9-528 Status: TERMINATED Title: MEASUREMENT AND ANALYSIS OF RESUSPENDED ROADWAY DUST IN  
Start 02/15/77 End 09/15/79 TEXAS  
Comment:  
Researcher(s) RD MOE (D-8)T CAHILL (UofCAL) et al

Report No. 528-1F (PUBLISHED) THE MEASUREMENT AND ANALYSIS OF RESUSPENDED DUST FROM  
Date October, 1979 Pages: 357 ROADWAYS IN TEXAS  
Note:  
Author(s) JA BULLIN; RD MOE et al

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Study No. 9-529 Status: TERMINATED Title: EVALUATION OF RUBBER ASPHALT MIXTURE USED AS A STRESS  
Start 01/31/77 End 01/31/79 RELIEVING INNER LAYER  
Comment:  
Researcher(s) J BLASIENZ (DS-17)

Report No. 529-1F (PUBLISHED) EVALUATION OF RUBBER-ASPHALT MIXTURE USED AS A  
Date December, 1979 Pages: 52 STRESS-RELIEVING INNER LAYER  
Note: FHWA-DP-37-13  
Author(s) JA BLASIENZ; AA GEICK

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Study No. 9-530 Status: TERMINATED Title: RECYCLING ASPHALTIC CONCRETE PAVEMENT  
Start 03/09/77 End 05/01/80  
Comment:  
Researcher(s) W BARNES (DS-21)

Report No. 530-1 (PUBLISHED) SURFACE RECYCLING ASPHALTIC CONCRETE PAVEMENT  
Date September, 1977 Pages: 55  
Note: FHWA-DP-39-2  
Author(s) WD BARNES; JT TRAMMELL

Report No. 530-2F (PUBLISHED) SURFACE RECYCLING ASPHALTIC CONCRETE PAVEMENT  
Date May, 1980 Pages: 2  
Note:  
Author(s) WD BARNES; JT TRAMMELL

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Study No. 9-531 Status: TERMINATED Title: AN EVALUATION OF SPRINKLE TREATMENT PLACEMENT PROCEDURES  
Start 02/22/77 End 09/15/80  
Comment:  
Researcher(s) M PRINCE (DS-11)

Report No. 531-1 (PUBLISHED) SPRINKLE TREATMENT PLACEMENT - IH 20 - ROSCOE, TEXAS  
Date April, 1980 Pages: 23  
Note: FHWA-DP-50-6A  
Author(s) JP UNDERWOOD

Report No. 531-2 (PUBLISHED) SPRINKLE TREATMENT PLACEMENT - U.S. 59 - LUFKIN, TEXAS  
Date November, 1981 Pages: 34  
Note: FHWA-DP-50-6B  
Author(s) JP UNDERWOOD

Report No. 531-2F (PUBLISHED) SPRINKLE TREATMENT PLACEMENT - U.S. 59 - LUFKIN, TEXAS  
Date November, 1981 Pages: 34  
Note: FHWA-DP-50-6B  
Author(s) JP UNDERWOOD

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Study No. 9-532 Status: TERMINATED Title: VALUE ENGINEERING ANALYSIS OF SELECTED MAINTENANCE  
Start 01/25/77 End 03/01/78 ACTIVITIES: THE REPAIR OF CONTINUOUSLY REINFORCED CONCRETE  
Comment: PAVEMENT  
Researcher(s) R BROWN (D-18)

Report No. 532-1F (PUBLISHED) REPAIR OF CONTINUOUSLY REINFORCED CONCRETE PAVEMENT  
Date January, 1978 Pages: 42  
Note: FHWA-TS-78-215  
Author(s) WR BROWN; HF GARISON et al

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Study No. 9-533 Status: TERMINATED Title: IMPLEMENTATION OF HIGHWAY SAFETY PROJECT EVALUATION  
Start 08/30/77 End 01/15/79 PROCEDURES  
Comment:  
Researcher(s) T OLENDORF (D-18)

Report No. 533-1F (PUBLISHED) IMPLEMENTATION OF HIGHWAY SAFETY PROJECT EVALUATION  
Date December, 1979 Pages: 99 PROCEDURES - EVALUATION PLANS AND EVALUATION REPORTS FOR  
Note: THREE SELECTED SITES  
Author(s) T OLENDORF

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Study No. 9-534 Status: TERMINATED Title: ASPHALT TANKS WITH SOLAR HEATING  
Start 09/26/78 End 12/26/81  
Comment:  
Researcher(s) JF NIXON (D-10)

Report No. 534-1 (PUBLISHED) SOLAR HEATING AN ASPHALT STORAGE TANK IN SAN ANTONIO, TEXAS  
Date December, 1980 Pages: 67  
Note:  
Author(s) KD HANKINS

Report No. 534-2F (PUBLISHED) USING SOLAR HEATING WITH ASPHALT STORAGE - SAN ANTONIO,  
Date May, 1982 Pages: 25 TEXAS  
Note:  
Author(s) KD HANKINS

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Study No. 9-535 Status: TERMINATED Title: REGIONAL WORKSHOP ON QUALITY IN CONSTRUCTION - STATE OF THE  
Start 05/05/78 End 08/31/91 ART  
Comment:  
Researcher(s) K MOORE (D-9)

Report No. 535-1F Vol. 1 (PUBLISHED) THE RELATION OF QUALITY ASSURANCE PROCEDURES TO HIGHWAY  
Date June, 1978 Pages: 20 PERFORMANCE  
Note:  
Author(s) WJ HALSTEAD

Report No. 535-1F Vol. 2 (PUBLISHED) NATIONAL TRENDS IN QUALITY CONSTRUCTION  
Date June, 1978 Pages: 14  
Note:  
Author(s) S LAHUE

Report No. 535-1F Vol. 3 (PUBLISHED) ASSOCIATED GENERAL CONTRACTORS' POSITION-STATISTICALLY  
Date August, 1977 Pages: 44 ORIENTED END-RESULT SPECIFICATIONS  
Note:  
Author(s) D PITCOCK

Report No. 535-1F Vol. 4 (PUBLISHED) IMPROVED WORK METHODS AND EFFECTIVE USE OF CONSTRUCTION  
Date June, 1978 Pages: 7 MANPOWER  
Note:  
Author(s) J OLDS

Report No. 535-1F Vol. 5 (PUBLISHED) CONSTRUCTION MANPOWER MANAGEMENT IN ARKANSAS  
Date June, 1978 Pages: 23  
Note:  
Author(s) J TALLANT

Report No. 535-1F Vol. 6 (PUBLISHED) DEVELOPMENT OF RAPID TESTING PROCEDURES  
Date June, 1978 Pages: 49  
Note:  
Author(s) G ALLEN

Report No. 535-1F Vol. 7 (PUBLISHED) LEGALLY DEFENSIBLE SPECIFICATIONS  
Date June, 1978 Pages: 19  
Note:  
Author(s) J FOWLER

Report No. 535-1F Vol. 8 (PUBLISHED) ACHIEVING QUALITY IN CONSTRUCTION  
Date June, 1978 Pages: 13  
Note:  
Author(s) M MORAN

Report No. 535-1F Vol. 9 (PUBLISHED) BETTER CONSTRUCTION WITH SUPERPLASTICIZERS IN CONCRETE  
Date June, 1978 Pages: 7 BRIDGE DECK CONSTRUCTION  
Note:  
Author(s) RA VANSICKLE

Report No. 535-1F Vol. 10 (PUBLISHED) SLURRY DISPLACEMENT CONSTRUCTION OF DRILLED SHAFTS  
Date June, 1978 Pages: 13  
Note:  
Author(s) CR REA

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Study No. 9-536 Status: TERMINATED Title: EXTENDED ASPHALT BINDER BY USE OF SULPHUR  
Start 05/25/78 End 11/30/82  
Comment:  
Researcher(s) BM GALLAWAY (TTI)

Report No. 536-1 (PUBLISHED) SULPHUR EXTENDED ASPHALT FIELD TRIALS ON MH 153, BRAZOS  
Date September, 1979 Pages: 9 COUNTY, TEXAS - PROGRESS REPORT NO. 1  
Note:  
Author(s) DE NEWCOMB; BM GALLAWAY

Report No. 536-2 (PUBLISHED) SULPHUR EXTENDED ASPHALT FIELD TRIALS - MH 153, BRAZOS  
Date December, 1978 Pages: 80 COUNTY, TEXAS - DETAILED CONSTRUCTION REPORT  
Note: FHWA-TS-80-214  
Author(s) JO IZATT; BM GALLAWAY

Report No. 536-3 (PUBLISHED) SULPHUR EXTENDED ASPHALT FIELD TRIALS ON MH 153, BRAZOS  
Date March, 1979 Pages: 11 COUNTY, TEXAS - PROGRESS REPORT NO. 2  
Note:  
Author(s) BM GALLAWAY; DE NEWCOMB

Report No. 536-4 (PUBLISHED) SULPHUR EXTENDED ASPHALT FIELD TRIALS ON MH 153, BRAZOS  
Date September, 1979 Pages: 23 COUNTY, TEXAS  
Note:  
Author(s) CY JACOBS; DE NEWCOMB et al

Report No. 536-5 (PUBLISHED) SULPHUR EXTENDED ASPHALT FIELD TRIALS ON MH 153, BRAZOS  
Date December, 1980 Pages: 19 COUNTY, TEXAS - PROGRESS REPORT NO. 4  
Note:  
Author(s) CY JACOBS; D SAYLAK et al

Report No. 536-6 (PUBLISHED) SULPHUR EXTENDED ASPHALT FIELD TRIALS ON MH 153, BRAZOS  
Date February, 1982 Pages: 22 COUNTY, TEXAS - PROGRESS REPORT NO. 5  
Note:  
Author(s) FC BENSON; D SAYLAK et al

Report No. 536-7 (PUBLISHED) SULPHUR EXTENDED ASPHALT FIELD TRIALS - MH 153, BRAZOS  
Date May, 1982 Pages: 43 COUNTY, TEXAS - FINAL REPORT  
Note:  
Author(s) FC BENSON; D SAYLAK et al

Report No. 536-8 (PUBLISHED) SULPHUR EXTENDED ASPHALT FIELD TRIALS ON MH 153, BRAZOS  
Date May, 1983 Pages: 18 COUNTY, TEXAS  
Note:  
Author(s) FC BENSON; BM GALLAWAY et al

Report No. 536-9 (PUBLISHED) SULPHUR EXTENDED ASPHALT FIELD TRIALS ON MH 153, BRAZOS  
Date September, 1983 Pages: 29 COUNTY, TEXAS  
Note:  
Author(s) FC BENSON; BM GALLAWAY et al

Report No. 536-10 (PUBLISHED) SULPHUR EXTENDED ASPHALT FIELD TRIALS ON MH 153, BRAZOS  
 Date January, 1984 Pages: 16 COUNTY, TEXAS  
 Note:  
 Author(s) FC BENSON; BM GALLAWAY et al

Report No. 536-11 (PUBLISHED) SULPHUR EXTENDED ASPHALT FIELD TRIALS ON MH 153, BRAZOS  
 Date August, 1984 Pages: 14 COUNTY, TEXAS  
 Note:  
 Author(s) FC BENSON; BM GALLAWAY et al

Report No. 536-12 (PUBLISHED) SULPHUR EXTENDED ASPHALT FIELD TRIALS ON MH 153, BRAZOS  
 Date April, 1985 Pages: 23 COUNTY, TEXAS  
 Note:  
 Author(s) BM GALLAWAY

Report No. 536-13F (PUBLISHED) SULPHUR EXTENDED ASPHALT FIELD TRIALS, MH 153, BRAZOS  
 Date June, 1985 Pages: 48 COUNTY, TEXAS  
 Note:  
 Author(s) BM GALLAWAY

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Study No. 9-537 Status: TERMINATED Title: FIELD EVALUATION OF PAVEMENT MARKING MATERIALS  
 Start 11/02/79 End 11/03/80  
 Comment:  
 Researcher(s) JG RASKA (D-9)

Report No. 537-1F (PUBLISHED) FIELD EVALUATION OF PAVEMENT MARKING MATERIALS  
 Date October, 1980 Pages: 36  
 Note:  
 Author(s) JG RASKA

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Study No. 9-538 Status: TERMINATED Title: INTERNALLY SEALED CONCRETE BRIDGE DECK  
 Start 07/07/80 End 12/31/83  
 Comment:  
 Researcher(s) HD BUTLER (D-5)

Report No. 538-1 (PUBLISHED) INTERNALLY SEALED CONCRETE AT IH-20 AND TEXAS PARK ROAD 41  
 Date August, 1981 Pages: 59  
 Note: FHWA-DP-49-2  
 Author(s) HD BUTLER; TS PATTY et al

Report No. 538-2F (PUBLISHED) EVALUATION OF INTERNALLY SEALED CONCRETE DECK-MONAHANS,  
 Date January, 1984 Pages: 15 TEXAS  
 Note:  
 Author(s) HD BUTLER

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Study No. 9-539 Status: TERMINATED Title: SAN ANTONIO HIGHWAY ADVISORY RADIO STUDY  
 Start 01/16/79 End 06/15/80  
 Comment: NO REPORTS WRITTEN  
 Researcher(s) M DIETERT (DS-12)

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Study No. 9-540 Status: TERMINATED Title: HUMAN FACTORS REQUIREMENTS FOR REAL-TIME MOTORIST  
 Start 12/19/79 End 08/31/80 INFORMATION DISPLAYS  
 Comment: NO REPORTS WRITTEN  
 Researcher(s) M DIETERT (DS-12)

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Report No. 556-2 (PUBLISHED) PRESTRESSED CONCRETE PAVEMENT: INSTRUMENTATION, IN-SITU  
 Date November, 1989 Pages: 136 BEHAVIOR, AND ANALYSIS  
 Note:  
 Author(s) J TENA-CLOUNGA; K HANKINS

Report No. 556-3 (PUBLISHED) ANALYSIS OF CURLING MOVEMENTS AND CALIBRATION OF PCP  
 Date November, 1989 Pages: 198 PROGRAM  
 Note:  
 Author(s) NH BURNS; BF MCCULLOUGH et al

Report No. 556-4F (PUBLISHED) THE PERFORMANCE OF A PRESTRESSED CONCRETE PAVEMENT  
 Date November, 1989 Pages: 143  
 Note:  
 Author(s) E MANDEL; J TENA-COLUNGA et al

Report No. 556-INT. (PUBLISHED) PRESTRESSED CONCRETE PAVEMENT I-35 MCLENNAN COUNTY (WACO)  
 Date September, 1987 Pages: 4  
 Note:  
 Author(s)

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Study No. 9-557 Status: TERMINATED Title: TEXAS WEIGH-IN-MOTION DEMONSTRATION PROJECT (RTAP)  
 Start 12/01/83 End 08/31/85  
 Comment:  
 Researcher(s) CE LEE (CTR)

Report No. 557-1F (PUBLISHED) DEMONSTRATION OF WEIGH-IN-MOTION SYSTEMS FOR DATA  
 Date December, 1985 Pages: 196 COLLECTION AND ENFORCEMENT  
 Note:  
 Author(s) CE LEE; B IZADMEHR et al

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Study No. 9-560 Status: INACTIVE Title: PROTECTIVE COATINGS FOR STRUCTURAL STEEL  
 Start 05/11/84 End 12/01/89  
 Comment:  
 Researcher(s) AB HUBBARD (D-10)

Report No. 560-1 (PUBLISHED) PROTECTIVE COATINGS FOR STRUCTURAL STEEL  
 ✓ Date April, 1985 Pages: 83  
 Note:  
 Author(s) AB HUBBARD; JG RASKA

Report No. 560-2 (PUBLISHED) PROTECTIVE COATINGS FOR STRUCTURAL STEEL  
 ✓ Date December, 1985 Pages:  
 Note:  
 Author(s) AB HUBBARD

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Study No. 9-561 Status: INACTIVE Title: THIN BONDED CONCRETE OVERLAYS  
 Start 04/06/84 End 09/30/89  
 Comment:  
 Researcher(s) RL TYLER (D-10)

Report No. 561-1 (PUBLISHED) EXPERIMENTAL THIN-BONDED OVERLAY PAVEMENT IN HOUSTON, TEXAS  
 ✓ Date November, 1985 Pages: 29  
 Note:  
 Author(s) SH GOLDING

Report No. 561-2 Date March, 1986 Note: Author(s) SH GOLDING	Pages: 35	(PUBLISHED)	EXPERIMENTAL THIN-BONDED CONCRETE OVERLAY PAVEMENT IN HOUSTON, TEXAS
Report No. 561-3 Date February, 1987 Note: Author(s) SH GOLDING	Pages: 28	(NOT PUBLISHED)	EXPERIMENTAL THIN-BONDED CONCRETE OVERLAY PAVEMENT IN HOUSTON, TEXAS
Report No. 561-4 Date February, 1988 Note: Author(s) SH GOLDING	Pages: 34	(NOT PUBLISHED)	EXPERIMENTAL THIN-BONDED CONCRETE OVERLAY PAVEMENT IN HOUSTON, TEXAS
Report No. 561-5 Date December, 1988 Note: UNPUBLISHED Author(s) SH GOLDING	Pages: 3	(PUBLISHED)	EXPERIMENTAL THIN-BONDED CONCRETE OVERLAY PAVEMENT IN HOUSTON, TEXAS

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Study No. 9-562      Status: TERMINATED      Title: BRIDGE DECK PROTECTION SYSTEM  
Start 05/11/84   End 09/30/88  
Comment:  
Researcher(s) D VEGA (D-10)

Report No. 562-2F      (PUBLISHED)      BRIDGE DECK PROTECTION SYSTEM CONSTRUCTION REPORT  
Date June, 1989      Pages: 76  
Note:  
Author(s)

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Study No. 9-564      Status: INACTIVE      Title: ASPHALT ADDITIVES  
Start 09/24/84   End 09/24/89  
Comment:  
Researcher(s) AB HUBBARD (D-10)

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Study No. 9-565      Status: TERMINATED      Title: SLOPE MAINTENANCE AND SLIDE RESTORATION  
Start 04/24/84   End 04/24/85  
Comment:  
Researcher(s) B DAVIS (DS-2)

Report No. 565-1F      (PUBLISHED)      SLOPE MAINTENANCE AND SLIDE RESTORATION  
Date April, 1986      Pages: 65  
Note: FHWA-TS-85-231  
Author(s) G KLINEDINST; A MUNOZ et al

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Study No. 9-566      Status: INACTIVE      Title: GROUND MODIFICATION SYSTEMS  
Start 03/08/84   End 09/01/87      DTFH71-84-4501-TX-17  
Comment:  
Researcher(s) AB HUBBARD (D-10)

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Study No. 9-568      Status: TERMINATED      Title: MAINTENANCE OF HIGHWAY SAFETY FEATURES  
Start 11/29/84   End 03/28/87  
Comment:  
Researcher(s) RL TYLER (D-10)

Report No. 568-1F (PUBLISHED) VIDEO ON "FUNCTIONAL HIGHWAY SAFETY FEATURES"  
Date May, 1987 Pages:  
Note:  
Author(s)

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Study No. 9-569 Status: TERMINATED Title: PROFILOGRAPH CORRELATION WITH PSI  
Start 09/01/86 End 03/15/87  
Comment:  
Researcher(s) RS WALKER (UTA)

Report No. 569-1F (PUBLISHED) PROFILOGRAPH CORRELATION STUDY WITH PRESENT SERVICEABILITY  
Date June, 1987 Pages: 58 NTIS P888-243985 INDEX  
Note:  
Author(s) RS WALKER; HT LIN

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Study No. 9-570 Status: TERMINATED Title: CORING OF SULFUR EXTENDED ASPHALT IN DISTRICTS 6, 11 & 17  
Start 04/16/86 End 06/01/86  
Comment: NO REPORTS WRITTEN  
Researcher(s) AB HUBBARD (D-10)

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Study No. 9-571 Status: TERMINATED Title: VIDEOTAPE ON ASPHALT-AGGREGATE MIXTURE ANALYSIS SYSTEM  
Start 01/22/90 End 02/15/91 (AAMAS)  
Comment:  
Researcher(s) CL KING (D-10)

Report No. 571-571-1F (PUBLISHED) VIDEO ON "ASPHALT-AGGREGATE MIXTURE ANALYSIS SYSTEM (AAMAS)  
Date April, 1991 Pages:  
Note:  
Author(s) CL KING

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Study No. 9-572 Status: PROPOSED Title: TRAFFIC MANAGEMENT SIMULATOR  
Start / / End / /  
Comment:  
Researcher(s) CL DUDEK (TTI)

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Study No. 9-575 Status: ACTIVE Title: TECHNOLOGY TRANSFER TO LOCAL TRANSPORTATION AGENCIES  
Start 10/31/84 End / /  
Comment: ONE-HALF HPR FUNDING  
Researcher(s) N EVANS (TEEX)

Report No. 575-1 (PUBLISHED) DETERMINING THE NEED FOR A SPANISH LANGUAGE TRANSPORTATION  
Date November, 1986 Pages: TECHNOLOGY TRANSFER PROGRAM  
Note:  
Author(s) D ROZENDAL; A TARGUIN et al

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Study No. 9-576 Status: PROPOSED Title: PERFORMANCE OF STEEL DECK FORMS  
Start 09/01/91 End 08/31/92  
Comment:  
Researcher(s) KH FRANK (CTR)

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Study No. 9-578 Status: ACTIVE Title: CATHODIC PROTECTION OF QUEEN ISABELLA PR 100  
Start 10/18/87 End 12/31/92  
Comment:  
Researcher(s) L WOLF (D-5)

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REPORTS NUMBERED BY YEAR (NY)

Report No. NY 62-1	Status: PUBLISHED	DETERMINING AND EVALUATING THE STRESSES OF AN IN-SERVICE CONTINUOUSLY REINFORCED CONCRETE PAVEMENT
Date January, 1962	Pages: 96	
Note:		
Author(s) SHELBY,MD; MCCULLOUGH,BF		
Report No. NY 62-2	Status: PUBLISHED	COMPARISON OF CONCRETE PAVEMENT LOAD-STRESSES AT AASHO ROAD TEST WITH PREVIOUS WORK
Date January, 1963	Pages: 117	
Note:		
Author(s) HUDSON,WR		
Report No. NY 62-3	Status: PUBLISHED	EVALUATION OF FRONTAGE ROADS AS AN ELEMENT OF URBAN FREEWAY DESIGN
Date January, 1963	Pages: 43	
Note:		
Author(s) PINNELL,C; TUTT,PR		
Report No. NY 62-4	Status: PUBLISHED	THE EARLY SERVICE LIFE CHARACTERISTICS OF A CONTINUOUSLY REINFORCED CONCRETE PAVEMENT IN COMAL COUNTY, TEXAS
Date January, 1962	Pages: 93	
Note:		
Author(s) MCCULLOUGH,BF		
Report No. NY 63-2	Status: PUBLISHED	ACCEPTABLE DEVIATION IN DENSITY CONTROL OF FLEXIBLE BASE
Date July, 1963	Pages: 15	
Note:		
Author(s) DERDEYN,CJ; TODD,JF		
Report No. NY 63-3	Status: PUBLISHED	A NEW METHOD OF TRAFFIC EVALUATION FOR USE IN PAVEMENT DESIGN
Date January, 1964	Pages: 30	
Note:		
Author(s) DERDEYN,CJ		
Report No. NY 64-1	Status: PUBLISHED	AN EXTENSION OF RIGID PAVEMENT DESIGN METHODS
Date January, 1964	Pages: 50	
Note:		
Author(s) HUDSON,WR; MCCULLOUGH,BF		

OLD RESEARCH PROJECT (RP) REPORTS

Report No. RP-02(01)	Status: PUBLISHED	THE TRAFFIC PATTERN OF GINNED COTTON, COTTONSEED, AND COTTONSEED PRODUCTS TRANSPORTED IN TEXAS BY RAILWAY, HIGHWAY AND WATERWAY FOR 1952-1953
Date December, 1956	Pages: 33	
Note:		
Author(s) DAVIS,DR		
Report No. RP-02(02)	Status: PUBLISHED	CHARACTERISTICS OF HIGHWAY FREIGHT TRANSPORTATION IN TEXAS
Date January, 1957	Pages: 68	
Note:		
Author(s) SLATER,JN		
Report No. RP-02(03)	Status: PUBLISHED	A STUDY OF THE HIGHWAY DISTRIBUTION OF GASOLINE
Date October, 1957	Pages: 27	
Note:		
Author(s) DAVIS,DR		
Report No. RP-02(04)	Status: PUBLISHED	TRANSPORTATION USES AND PREFERENCES OF THE TEXAS FOOD INDUSTRY
Date February, 1958	Pages: 70	
Note:		
Author(s) WOOTAN,CV		
Report No. RP-02(05)	Status: PUBLISHED	A STATISTICAL PRESENTATION OF TRANSPORTATION USES AND REFERENCES IN THE TEXAS FOOD INDUSTRY
Date April, 1958	Pages: 37	
Note:		
Author(s) MEUTH,HG		
Report No. RP-02(06)	Status: PUBLISHED	PRIVATE TRUCKING COSTS AND RECORDS
Date May, 1958	Pages: 43	
Note:		
Author(s) HANING,CR		
Report No. RP-03(01)	Status: PUBLISHED	PRELIMINARY REPORT ON PROJECT RP-3: IMPROVEMENT OF ASPHALTIC MATERIALS
Date November, 1958	Pages: 15	
Note:		
Author(s) GALLAWAY,BM		
Report No. RP-03(02)	Status: PUBLISHED	FINAL REPORT ON PROJECT RP-3: IMPROVEMENT OF ASPHALTIC MATERIALS
Date February, 1961	Pages: 36	
Note:		
Author(s) JIMENEZ,RA; GALLAWAY,BM		
Report No. RP-04(01)	Status: PUBLISHED	A COMPREHENSIVE STUDY OF FACTORS INFLUENCING THE LOAD CARRYING CAPACITIES OF DRILLED AND CAST-IN PLACE CONCRETE PILES - PART I
Date July, 1956	Pages: 67	
Note:		
Author(s) DUBOSE,LA		
Report No. RP-04(02)	Status: PUBLISHED	A COMPREHENSIVE STUDY OF FACTORS INFLUENCING THE LOAD CARRYING CAPACITIES OF DRILLED AND CAST-IN PLACE CONCRETE PILES - PART II
Date October, 1956	Pages: 41	
Note:		
Author(s) DUBOSE,LA		
Report No. RP-05(01)	Status: PUBLISHED	NON-DESTRUCTIVE TESTING OF WELDS IN STRUCTURAL STEEL
Date August, 1955	Pages: 41	
Note:		
Author(s) WEEKES,DF; MULLINS,BF		

Report No. RP-05(02)	Status: PUBLISHED	EFFECT OF LANE WIDTH ON TRAFFIC BEHAVIOR FOR TWO-LANE HIGHWAYS
Date August, 1955	Pages: 41	
Note:		
Author(s) SCRIVNER, FH		
Report No. RP-06(01)	Status: PUBLISHED	A PRELIMINARY REPORT ON SOME FACTORS AFFECTING THE LIFE OF STEEL PILING IN THE TEXAS GULF COAST AREA
Date March, 1955	Pages: 66	
Note:		
Author(s)		
Report No. RP-06(02)	Status: PUBLISHED	A REPORT ON SOME FACTORS AFFECTING THE LIFE OF STEEL PILING IN THE TEXAS GULF COAST AREA
Date October, 1955	Pages: 53	
Note:		
Author(s) GALLAWAY, BM		
Report No. RP-07(01)	Status: PUBLISHED	PRELIMINARY REPORT ON MIX DESIGN AND FIELD PRACTICE FOR STRUCTURAL LIGHTWEIGHT CONCRETE
Date February, 1956	Pages: 6	
Note:		
Author(s)		
Report No. RP-07(02)	Status: PUBLISHED	CREEP AND SHRINKAGE IN LIGHTWEIGHT CONCRETE
Date January, 1959	Pages: 15	
Note:		
Author(s) JONES JR, TR; HIRSCH, TJ		
Report No. RP-07(03)	Status: PUBLISHED	PROPERTIES OF LIGHTWEIGHT CONCRETE RELATED TO PRESTRESSING
Date January, 1957	Pages: 12	
Note:		
Author(s) JONES JR, TR; STEPHENSON, HK		
Report No. RP-07(04)	Status: PUBLISHED	PROPORTIONING, CONTROL AND FIELD PRACTICE FOR LIGHTWEIGHT CONCRETE
Date January, 1957	Pages: 9	
Note:		
Author(s) JONES JR, TR; STEPHENSON, HK		
Report No. RP-07(05)	Status: PUBLISHED	THE PHYSICAL PROPERTIES OF STRUCTURAL QUALITY LIGHTWEIGHT AGGREGATE CONCRETE
Date August, 1959	Pages: 46	
Note:		
Author(s) JONES JR, TR; HIRSCH, TJ et al		
Report No. RP-08(01)	Status: PUBLISHED	A STUDY OF CERTAIN ELASTIC AND PLASTIC STRAINS INDUCED IN FLEXIBLE PAVEMENT SYSTEMS BY REPETITIVE WHEEL LOADS
Date January, 1959	Pages: 115	
Note:		
Author(s) MEYER, KT		
Report No. RP-09(01)	Status: PUBLISHED	THE CORRELATION OF DESIGN AND OPERATIONAL CHARACTERISTICS OF EXPRESSWAYS IN TEXAS
Date January, 1957	Pages: 40	
Note:		
Author(s) KEESE, CJ; SCHLEIDER, RH		
Report No. RP-09(02)	Status: PUBLISHED	THE CORRELATION OF DESIGN AND OPERATIONAL CHARACTERISTICS OF EXPRESSWAYS IN TEXAS
Date July, 1956	Pages: 40	
Note:		
Author(s)		



Report No. RP-10(01) Status: PUBLISHED  
Date December, 1961 Pages: 13  
Note:  
Author(s) FAIRBANKS,HE

ELASTOMERIC PADS AS BEARINGS FOR STEEL BEAMS

Report No. RP-10(02) Status: PUBLISHED  
Date August, 1959 Pages: 41  
Note:  
Author(s) GRAHAM, JM

FULL SCALE FIELD TESTS OF A PRESTRESSED COMPOSITE I-BEAM BRIDGE

Report No. RP-12(01) Status: PUBLISHED  
Date June, 1959 Pages: 37  
Note:  
Author(s) JONES JR, TR; HIRSCH, TJ

AN EVALUATION OF TRINITY RIVER AGGREGATES OF MARGINAL QUALITY FOR USE IN PORTLAND CEMENT CONCRETE PAVEMENTS

Report No. RP-14(01) Status: PUBLISHED  
Date October, 1959 Pages: 64  
Note:  
Author(s)

INTERIM REPORT ON PROJECT RP-14 - RIGHT-OF-WAY ACQUISITION STUDIES

Report No. RP-16(01) Status: PUBLISHED  
Date January, 1961 Pages: 82  
Note:  
Author(s) MULLINS, BF; KEESE, CJ

FREEWAY TRAFFIC ACCIDENT ANALYSIS AND SAFETY STUDY

Report No. RP-16(02) Status: PUBLISHED  
Date January, 1961 Pages: 48  
Note:  
Author(s) EDWARDS, FH

DRIVER BEHAVIOR AND ITS RELATION TO FREEWAY ENTRANCE RAMP DESIGN

Report No. RP-16(03) Status: PUBLISHED  
Date January, 1961 Pages: 34  
Note:  
Author(s) PINNELL, C; KEESE, CJ

FREEWAY RAMPS

Report No. RP-16(04) Status: PUBLISHED  
Date August, 1961 Pages: 75  
Note:  
Author(s) DREW, DR; PINNELL, C

DESIGN AND SIGNALIZATION OF HIGH-TYPE INTERSECTION

Report No. RP-16(05) Status: PUBLISHED  
Date August, 1961 Pages: 74  
Note:  
Author(s) PINNELL, C; CAPPELLE, DG

DESIGN AND OPERATION OF DIAMOND INTERCHANGES

Report No. RP-16(06) Status: PUBLISHED  
Date August, 1961 Pages: 25  
Note:  
Author(s) CAPPELLE, DG; PINNELL, C

CAPACITY STUDY OF SIGNALIZED DIAMOND INTERCHANGE

Report No. RP-16(07) Status: PUBLISHED  
Date June, 1958 Pages: 28  
Note:  
Author(s)

FREEWAY TRAFFIC ACCIDENT ANALYSIS AND SAFETY STUDY

Report No. RP-16(08) Status: PUBLISHED Date December, 1960 Pages: 7 Note: Author(s) PINNELL,C	DRIVER REQUIREMENTS IN FREEWAY ENTRANCE RAMP DESIGN
Report No. RP-16(09) Status: PUBLISHED Date December, 1960 Pages: 59 Note: Author(s) REESE,CJ; PINNELL,C et al	A STUDY OF FREEWAY TRAFFIC OPERATION
Report No. RP-16(10) Status: PUBLISHED Date December, 1960 Pages: 18 Note: Author(s) KEESE,CJ; PINNELL,C	EFFECT OF FREEWAY MEDIANS ON TRAFFIC BEHAVIOR
Report No. RP-17(01) Status: PUBLISHED Date March, 1957 Pages: 49 Note: Author(s)	VEHICLE SPEED AND PLACEMENT SURVEY ON TWO LANE RURAL HIGHWAYS
Report No. RP-17(02) Status: PUBLISHED Date June, 1957 Pages: 38 Note: Author(s)	VEHICLE SPEED AND PLACEMENT SURVEY ON TWO LANE RURAL BRIDGES
Report No. RP-17(03) Status: PUBLISHED Date July, 1957 Pages: 20 Note: Author(s)	FREEWAY BRIDGE VEHICLE SPEED AND PLACEMENT SURVEY
Report No. RP-17(04) Status: PUBLISHED Date September, 1961 Pages: 77 Note: Author(s) ROMAN,NJ; KEESE,CJ	A STUDY OF FACTORS INFLUENCING TRAFFIC SPEEDS
Report No. RP-19(01) Status: PUBLISHED Date August, 1961 Pages: 69 Note: Author(s) JONES JR,TR; HIRSCH,TJ	A REPORT ON THE PHYSICAL PROPERTIES OF CONCRETE AT EARLY AGES
Report No. RP-19(02) Status: PUBLISHED Date August, 1960 Pages: 42 Note: Author(s) JONES JR,TR; HIRSCH,TJ	A REPORT ON THE CURING OF PORTLAND CEMENT CONCRETE
Report No. RP-21(01) Status: PUBLISHED Date May, 1961 Pages: 11 Note: Author(s) ROOTS JR,EM; MUNDKOWSKY,WR	DEVELOPMENT OF TRAFFIC SURVEY DEVICE
Report No. RP-21(02) Status: PUBLISHED Date May, 1961 Pages: 70 Note: Author(s) MUNDKOWSKY,WF	THE DESIGN AND CDNSTRUCTION OF AN INFRARED DETECTOR FOR THE USE WITH A HIGHWAY TRAFFIC SURVEY SYSTEM

Report No. RP-23(01) Status: PUBLISHED  
Date January, 1962 Pages: 58  
Note:  
Author(s) DILLION,LA

EFFECTS OF REPETITIVE STRESSING ON THE STRENGTH AND  
DEFORMATION OF AN ANGULAR, COARSE SAND

Report No. RP-25(01) Status: PUBLISHED  
Date May, 1976 Pages: 71  
Note:  
Author(s) SAMSON JR,CH

PILE-DRIVING ANALYSIS BY THE WAVE EQUATION

Report No. RP-25(02) Status: PUBLISHED  
Date May, 1976 Pages: 41  
Note:  
Author(s) HIRSCH,TJ; SAMSON JR,CH et al

DRIVING STRESS IN PRESTRESSED CONCRETE PILES

Report No. RP-25(03) Status: PUBLISHED  
Date May, 1976 Pages: 45  
Note:  
Author(s) SAMSON JR,CH; HIRSCH,TJ et al

COMPUTER STUDY OF DYNAMIC BEHAVIOR OF PILING

Report No. RP-27(01) Status: PUBLISHED  
Date September, 1962 Pages: 82  
Note:  
Author(s) HIRSCH,TJ

STRESS IN LONG PRESTRESSED CONCRETE PILES DURING DRIVING

SPECIAL STUDY (SS) REPORTS

Report No. SS 01.00	Status: PUBLISHED	DEFLECTION EVALUATION OF EXISTING PAVEMENT STRUCTURES PROPOSED FOR USE ON IH-37 IN DISTRICT 16
Date March, 1966	Pages: 32	
Note:		
Author(s) MCCULLOUGH,BF; BROWN,JL		
Report No. SS 01.01	Status: PUBLISHED	SURVEY OF STRUCTURAL FAILURES IN A CONTINUOUSLY REINFORCED CONCRETE PAVEMENT
Date October, 1969	Pages: 42	
Note:		
Author(s) BROWN,JL; BUTTLER,LJ et al		
Report No. SS 01.02	Status: PUBLISHED	SENSITIVITY STUDY OF A DESIGN SYSTEM FOR DETERMINING THICKNESS OF ASPHALTIC CONCRETE OVERLAY ON RIGID HIGHWAY PAVEMENT
Date January, 1971	Pages: 149	
Note:		
Author(s) BUTTLER,LJ		
Report No. SS 02.00	Status: PUBLISHED	ESTIMATING THE DISTRIBUTION OF AXLE WEIGHTS FOR SELECTED PARAMETERS
Date January, 1966	Pages: 93	
Note:		
Author(s) HEATHINGTON,KW		
Report No. SS 03.00	Status: PUBLISHED	INVESTIGATION OF PAVEMENT FAILURES ON IH-10 IN DISTRICT 13
Date April, 1966	Pages: 67	
Note:		
Author(s) MCCULLOUGH,BF; TREYBIG,HJ		
Report No. SS 03.01	Status: PUBLISHED	INVESTIGATION OF PAVEMENT FAILURES ON IH-10 IN DISTRICT 20
Date April, 1966	Pages: 18	
Note:		
Author(s) MCCULLOUGH,BF; TREYBIG,HJ		
Report No. SS 04.00	Status: PUBLISHED	SALVAGING OLD PAVEMENTS BY RESURFACING
Date July, 1966	Pages: 17	
Note:		
Author(s) BILLINGSLEY JR,NA		
Report No. SS 05.00	Status: PUBLISHED	TRAFFIC VOLUME ANALYSIS OF URBAN FREEWAYS
Date September, 1966	Pages: 122	
Note:		
Author(s) HEATHINGTON,KW; TUTT,PR		
Report No. SS 05.01	Status: PUBLISHED	A NEW TECHNIQUE FOR CAPACITY ANALYSIS OF RURAL TWO-LANE HIGHWAYS
Date November, 1971	Pages: 23	
Note:		
Author(s) CARDWELL,RM		
Report No. SS 05.02	Status: PUBLISHED	RECURRENT CONGESTION ON THE FORT WORTH WEST FREEWAY: ITS CAUSES AND REMEDIES
Date December, 1974	Pages: 61	
Note:		
Author(s) TRIETSCH,GK		
Report No. SS 05.03	Status: PUBLISHED	TRAFFIC HANDLING AROUND MAINTENANCE ACTIVITIES ON FREEWAYS
Date July, 1975	Pages: 12	
Note:		
Author(s) BIGGS,RG		

✓ Report No. SS 05.04	Status: PUBLISHED	NOISE STUDY OF A TWO LEVEL FREEWAY
Date April, 1979	Pages: 27	
Note:		
Author(s) RUTLAND,RC		
Report No. SS 06.00	Status: PUBLISHED	EVALUATION OF ASPHALT DENSITY GAUGE AND COMPACTION OF BITUMINOUS PAVEMENTS
Date July, 1967	Pages: 20	
Note:		
Author(s) HARDY,MH; BAXTER,CW		
Report No. SS 07.00	Status: PUBLISHED	REPAIR OF CONTINUOUSLY REINFORCED CONCRETE PAVEMENT
Date August, 1969	Pages: 26	
Note:		
Author(s) TREYBIG,HJ		
Report No. SS 08.00	Status: PUBLISHED	REPORT ON CONCRETE PAVEMENT GROOVING IN TEXAS
Date August, 1968	Pages: 14	
Note:		
Author(s) NIXON,JF		
Report No. SS 09.00	Status: PUBLISHED	PERFORMANCE OF METAL REINFORCED BITUMINOUS OVERLAYS IN TEXAS
Date August, 1968	Pages: 86	
Note:		
Author(s) BUTTLER,LJ		
Report No. SS 09.01	Status: PUBLISHED	FIBROUS CONCRETE OVERLAY
Date October, 1973	Pages: 19	
Note: 1979 UPDATE		
Author(s) DARTEZ,TC; HAWN,RW		
Report No. SS 10.01	Status: PUBLISHED	RECENT EXPERIENCES WITH CEMENT STABILIZED BASE
Date December, 1970	Pages: 21	
Note:		
Author(s) STEINBERG,ML		
Report No. SS 10.02	Status: PUBLISHED	A REVIEW OF CONSTRUCTION PRACTICES TO CONTROL HEAVE IN HIGHWAY PAVEMENT
Date November, 1973	Pages: 29	
Note:		
Author(s) BUTTLER,LJ		
Report No. SS 10.03	Status: PUBLISHED	ENERGY SAVINGS IN CONSTRUCTION AND THE CONTROL OF SWELLING SOILS
Date September, 1978	Pages: 13	
Note:		
Author(s) STEINBERG,ML		
Report No. SS 11.01	Status: PUBLISHED	EXPERIMENTAL TEST SP-3
Date December, 1968	Pages: 21	
Note:		
Author(s)		
Report No. SS 11.02	Status: PUBLISHED	INITIAL CALIBRATION OF THE THREE MAINTENANCE SKID TRAILERS
Date May, 1968	Pages: 14	
Note:		
Author(s)		

Report No. SS 11.03 Status: PUBLISHED  
Date December, 1968 Pages: 19  
Note:  
Author(s)

SECOND CALIBRATION OF THE SKID TEST TRAILERS

✓ Report No. SS 11.04 Status: PUBLISHED  
Date January, 1969 Pages: 54  
Note:  
Author(s)

REPORT I, MAY - SEPTEMBER 1968, MAINTENANCE OPERATIONS OF THE SKID TRAILERS

✓ Report No. SS 11.05 Status: PUBLISHED  
Date August, 1969 Pages: 71  
Note:  
Author(s) UNDERWOOD,JP

MAINTENANCE OPERATIONS OF THE SKID TEST TRAILERS (SEPTEMBER 1968 - MAY 1969)

✓ Report No. SS 11.06 Status: PUBLISHED  
Date August, 1970 Pages: 73  
Note:  
Author(s) UNDERWOOD,JP

MAINTENANCE OPERATIONS OF THE SKID TEST TRAILERS (JUNE 1969 - MAY 1970)

✓ Report No. SS 11.07 Status: PUBLISHED  
Date February, 1970 Pages: 118  
Note:  
Author(s) GARANA,E

EVALUATION OF THE NCSA HYDROCHLORIC ACID LEACHING PROCEDURE

✓ Report No. SS 11.08 Status: PUBLISHED  
Date March, 1970 Pages: 20  
Note:  
Author(s) HANKINS,KD; HART,B et al

THIRD CALIBRATION OF THE SKID TEST TRAILERS

✓ Report No. SS 11.09 Status: PUBLISHED  
Date March, 1970 Pages: 21  
Note:  
Author(s) HANKINS,KD

THREE STATE SKID TEST TRAILER CORRELATION HELD AT TEXAS TRANSPORTATION INSTITUTE

Report No. SS 11.10 Status: PUBLISHED  
Date December, 1970 Pages: 19  
Note:  
Author(s) HUBBARD,AB; HART,B et al

FOURTH CALIBRATION OF THE SKID TEST TRAILERS

Report No. SS 11.11 Status: PUBLISHED  
Date January, 1975 Pages: 32  
Note:  
Author(s) HANKINS,KD

HOW TO PROVIDE NEEDED SKID RESISTANCE - STATE OF THE ART - STATE OF THE PRACTICE

✓ Report No. SS 12.01 Status: PUBLISHED  
Date August, 1969 Pages: 20  
Note:  
Author(s) TUTT,PR; NIXON,JF

DRIVER COMMUNICATION THROUGH ROADWAY DELINEATION

Report No. SS 12.02 Status: PUBLISHED  
Date August, 1969 Pages: 25  
Note:  
Author(s) TUTT,PR; NIXON,JF

ROADSIDE DESIGN GUIDELINES

Report No. SS 12.04	Status: PUBLISHED	HIGHWAY SAFETY - HOW FAR DO WE GO?
Date July, 1981	Pages: 9	
Note:		
Author(s) NIXON,JF		
Report No. SS 13.01	Status: PUBLISHED	SENSITIVITY ANALYSIS OF THE EXTENDED AASHO RIGID PAVEMENT DESIGN EQUATION
Date August, 1979	Pages: 52	
Note:		
Author(s) TREYBIG,HJ		
Report No. SS 14.01	Status: PUBLISHED	EXPERIMENTAL JOINT SEALING OF CONCRETE PAVEMENT
Date June, 1970	Pages: 19	
Note:		
Author(s) DUDLEY,WN		
Report No. SS 15.01	Status: PUBLISHED	EXPERIENCE OF DISTRICT 11 IN THE USE OF LIGHTWEIGHT ASPHALTIC CONCRETE
Date May, 1970	Pages: 103	
Note:		
Author(s)		
Report No. SS 15.02	Status: PUBLISHED	DESIGN AND CONSTRUCTION OF ASPHALTIC CONCRETE PAVEMENT USING VOLUMETRIC DESIGN SPECIFICATIONS
Date January, 1971	Pages: 185	
Note:		
Author(s) ZEIGLER,CD		
Report No. SS 15.03	Status: PUBLISHED	INVESTIGATION OF THE PERFORMANCE CHARACTERSTICS OF A HOT MIX LIMESTONE ROCK ASPHALTIC CONCRETE
Date May, 1971	Pages: 5	
Note:		
Author(s) OLIVER,FL		
Report No. SS 15.04	Status: PUBLISHED	VOLUMETRIC DESIGN OF ASPHALTIC CONCRETE PAVEMENT
Date September, 1971	Pages: 52	
Note:		
Author(s) ZEIGLER,CD		
Report No. SS 15.05	Status: PUBLISHED	EXPERIENCE OF DISTRICT 11 IN THE USE OF PLANT MIX SEAL COURSES
Date February, 1972	Pages: 21	
Note:		
Author(s) BEAIRD,JL		
Report No. SS 15.06	Status: PUBLISHED	DESIGN OF HOT MIX ASPHALTIC CONCRETE BY THE WEIGHT RATIO METHOD
Date January, 1973	Pages: 6	
Note:		
Author(s) LITTLE,CH		
Report No. SS 15.07	Status: PUBLISHED	GUIDELINES FOR CONTROLLING A HOT MIX ASPHALTIC CONCRETE DESIGN
Date January, 1973	Pages: 14	
Note:		
Author(s) LITTLE,CH		
Report No. SS 15.08	Status: PUBLISHED	THE DRYER-DRUM-MIXER PROCESS FOR PRODUCING ASPHALT CONSTRUCTION
Date October, 1974	Pages: 19	
Note:		
Author(s) LITTLE,CH		

Report No. SS 15.10	Status: PUBLISHED	TRAVELING PLANT OPEN GRADED SURFACE COURSE
Date December, 1974	Pages: 14	
Note:		
Author(s) DUDLEY,WN		
Report No. SS 15.11	Status: PUBLISHED	A REPORT ON ACCIDENTS ON TEST SECTIONS OF A PLANT MIX SEAL
Date October, 1974	Pages: 7	OVERLAY ON FORT WORTH FREEWAYS
Note:		
Author(s) TRIETSCH,GK		
Report No. SS 15.12	Status: PUBLISHED	INVESTIGATION OF DETERIORATED HOT MIX ASPHALTIC CONCRETE
Date January, 1975	Pages: 25	RESULTING IN MODIFIED SOUNDNESS TEST FOR AGGREGATES
Note:		
Author(s) MCCALL,VD		
Report No. SS 15.13	Status: PUBLISHED	ASPHALT SURFACE TREATMENTS
Date October, 1972	Pages: 22	
Note:		
Author(s) SCHULZ,LE; RUSSELL,BR		
Report No. SS 15.14	Status: PUBLISHED	MAINTENANCE PAVEMENT CRACK REPAIR USING ASPHALT
Date May, 1979	Pages: 10	ROLL-ROOFING MATERIAL
Note:		
Author(s) KENNEDY,TR		
Report No. SS 15.15	Status: PUBLISHED	IN-PLACE SLURRY SEAL
Date October, 1982	Pages: 4	
Note:		
Author(s) LINDLEY,BR		
Report No. SS 15.16	Status: PUBLISHED	RECYCLING - A POSITIVE APPROACH
Date October, 1982	Pages: 19	
Note:		
Author(s) LINDLEY,BR		
Report No. SS 15.17	Status: PUBLISHED	A RECOMMENDED POLICY ON HOT-MIX RECYCLING
Date October, 1983	Pages: 18	
Note:		
Author(s) BROWN,JL		
Report No. SS 15.18	Status: PUBLISHED	A CRITICAL LOOK AT SEAL COAT CONSTRUCTION
Date December, 1985	Pages: 12	
Note:		
Author(s) MAGERS,RH		
Report No. SS 16.01	Status: PUBLISHED	RESEARCH IMPLEMENTATION IN TEXAS
Date March, 1971	Pages: 31	
Note:		
Author(s) RICE JR,GE		
Report No. SS 16.02	Status: PUBLISHED	RESEARCH AND DEVELOPMENT ACCOMPLISHMENTS
Date September, 1971	Pages: 132	
Note:		
Author(s)		



Report No. SS 17.01	Status: PUBLISHED	DETERMINATION OF ASPHALT AND MOISTURE CONTENT BY THE NUCLEAR METHOD
Date August, 1971	Pages: 132	
Note:		
Author(s) WHITE, JR		
Report No. SS 18.00	Status: PUBLISHED	AN APPROACH TO MAINTENANCE MANAGEMENT
Date January, 1976	Pages: 10	
Note:		
Author(s) CONTRERAS, B		
Report No. SS 18.01	Status: PUBLISHED	MAINTENANCE RATING SYSTEM: DATA PLOT
Date April, 1976	Pages: 67	
Note:		
Author(s) HANKINS, KD		
Report No. SS 19.01	Status: PUBLISHED	A STUDY OF ON-STREET PARKING ARRANGEMENTS
Date August, 1971	Pages: 44	
Note:		
Author(s) ZEIGLER, CD		
Report No. SS 20.00	Status: PUBLISHED	SPRINKLE TREATMENT FOR ACHIEVING SKID RESISTANCE PAVEMENT IN TEXAS
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Note:		
Author(s) TYLER, RL; KENNEDY, TR		
Report No. SS 20.01	Status: PUBLISHED	SPRINKLE TREATMENT OF ASPHALTIC CONCRETE IN ENGLAND OR CHIPPING ASPHALT
Date August, 1976	Pages: 24	
Note:		
Author(s) NIXON, JF		
Report No. SS 20.02	Status: PUBLISHED	SPRINKLE TREATMENT OF BOTH ASPHALTIC AND PORTLAND CEMENT CONCRETE IN BELGIUM
Date August, 1976	Pages: 36	
Note:		
Author(s) NIXON, JF		
Report No. SS 20.03	Status: PUBLISHED	SPRINKLE MIX EXPERIENCES IN THE STATE OF VIRGINIA
Date September, 1976	Pages: 30	
Note:		
Author(s) KENNEDY, TR		
Report No. SS 21.01	Status: PUBLISHED	NO JOINT CAST-IN-PLACE CONCRETE PIPE
Date March, 1977	Pages: 14	
Note:		
Author(s)		
Report No. SS 22.01	Status: PUBLISHED	Z-PATTERN HIGH-MAST FREEWAY ILLUMINATION
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Note:		
Author(s) JONES, HD; LIGHT, J		
Report No. SS 22.02	Status: PUBLISHED	SIGN LIGHTS, SIGN BACKGROUNDS, LOW-PRESSURE AND HIGH-PRESSURE LIGHTING
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Note:		
Author(s) JONES, HD		

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Note:  
Author(s) JONES,HD

PROBLEMS ENCOUNTERED IN THREE HIGH-PRESSURE SODIUM HIGHWAY  
LIGHTING PROJECTS IN TEXAS

Report No. SS 23.01 Status: PUBLISHED  
Date June, 1982 Pages: 16  
Note:  
Author(s)

PROJECT INFORMATION NEWSLETTER: IMPROVED PUBLIC RELATIONS  
TECHNIQUE

Report No. SS 24.01 Status: PUBLISHED  
Date February, 1983 Pages: 41  
Note:  
Author(s) TURNHAM,N

THE EFFECTS OF LIME AS AN ANTI-STRIPPING AGENT

Report No. SS 25.01 Status: PUBLISHED  
Date February, 1973 Pages: 81  
Note:  
Author(s) BUTLER,HD

A STUDY OF DRILLED SHAFTS CONSTRUCTED BY THE SLURRY  
DISPLACEMENT METHOD

Report No. SS 26.01 Status: PUBLISHED  
Date January, 1985 Pages: 97  
Note:  
Author(s)

ASPHALT PAVEMENT RUTTING IN THE WESTERN STATES: TWO TEXAS  
LECTURES AND THE WASHTO REPORT

Report No. SS 27.00 Status: PUBLISHED  
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Note:  
Author(s) JONES,HD

THE OVAL SHAPED RAISED PAVEMENT MARKER

EXPERIMENTAL PROJECT (EP) REPORTS

Report No. EP601-01 Status: PUBLISHED  
 Date June, 1975 Pages: 10  
 Note:  
 Author(s) MAGERS,RH; HARLE,RM

ROCK ASPHALT SPRINKLE TREATMENT

Report No. EP602-01 Status: PUBLISHED  
 Date July, 1975 Pages: 31  
 Note:  
 Author(s) BASS,DA; NORWOOD,JW

PLANT MIX SEAL

Report No. EP602-02 Status: PUBLISHED  
 Date August, 1976 Pages: 24  
 Note:  
 Author(s) HARRINGTON,WP

PLANT MIX SEAL IN DISTRICT 7

Report No. EP602-03 Status: PUBLISHED  
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 Note:  
 Author(s) LITTLE,CH

OPEN GRADED ASPHALT FRICTION COURSE

Report No. EP602-04 Status: PUBLISHED  
 Date January, 1977 Pages: 8  
 Note:  
 Author(s) JETT,LL

PLANT MIX SEAL IN DISTRICT 3

Report No. EP603-01 Status: PUBLISHED  
 Date July, 1975 Pages: 4  
 Note:  
 Author(s) JOHNSTON,JT

LIGHTWEIGHT AGGREGATE SPRINKLE TREATMENT

Report No. EP603-02 Status: PUBLISHED  
 Date September, 1975 Pages: 7  
 Note:  
 Author(s) CHETTY,VG

TEST SECTIONS OF TYPE 'C' ACP WITH SPRINKLE TREATMENT SURFACE

Report No. EP604-01 Status: PUBLISHED  
 Date July, 1975 Pages: 9  
 Note:  
 Author(s) LINDLEY,BR; BILLINGSLEY JR,NA

RECYCLING OF ASPHALT CONCRETE PAVEMENT

Report No. EP604-02 Status: PUBLISHED  
 Date March, 1985 Pages: 18  
 Note:  
 Author(s) FULTS,KW

THE USE OF WIRTGEN IN-PLACE RECYCLING EQUIPMENT IN LUFKIN

Report No. EP605-01 Status: PUBLISHED  
 Date July, 1975 Pages: 11  
 Note:  
 Author(s) GALLATIN,GL

PRECOATING AGGREGATES FOR SPRINKLE TREATMENT

Report No. EP605-02 Status: PUBLISHED  
 Date January, 1982 Pages: 23  
 Note:  
 Author(s) REASONOVER,CH

PREDATED LIGHTWEIGHT AGGREGATE

Report No. EP606-01	Status: PUBLISHED	FIBROUS REINFORCED CONCRETE OVERLAY
Date July, 1975	Pages: 01	
Note:		
Author(s)		
Report No. EP606-02	Status: PUBLISHED	A SURVEY OF REFLECTIVE CRACK RETARDATION BY FABRIC MATERIALS IN TEXAS
Date August, 1977	Pages: 5	
Note:		
Author(s)		
Report No. EP606-03	Status: PUBLISHED	COMPARISON OF REFLECTIVE CRACK RETARDATION BY FABRIC MATERIAL (PETROMAT), OPEN-GRADED FRICTION COURSES AND CONVENTIONAL HOT MIX
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Note:		
Author(s) HUFFMAN,MD		
Report No. EP606-04	Status: PUBLISHED	EVALUATION OF SURFACE-SEALING SYSTEMS UTILIZING SEALCOATS AND POLY-FAB UNDERSEAL
Date December, 1982	Pages: 36	<i>450 pgs. in 20 International P.S.</i>
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Author(s)		
Report No. EP606-05	Status: PUBLISHED	FABRIC UNDERSEAL AND ASPHALTIC CONCRETE PAVEMENT OVERLAY
Date February, 1980	Pages: 25	
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Author(s)		
Report No. EP606-06	Status: PUBLISHED	APPLICATION OF A HOT ASPHALT RUBBER UNDERSEAL OVER ACP PRIOR TO OVERLAY
Date January, 1980	Pages: 3	
Note:		
Author(s)		
Report No. EP606-07	Status: PUBLISHED	APPLICATION OF A FABRIC UNDERSEAL IN DALLAS COUNTY, TEXAS
Date June, 1982	Pages: 6	
Note:		
Author(s) KELLEY,TL		
Report No. EP606-08	Status: PUBLISHED	EVALUATION OF CRUSHED STONE BITUMINOUS CONCRETE BASE
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Note:		
Author(s) HOLZWARTH,JC		
Report No. EP606-09	Status: PUBLISHED	POLY-FABRIC UNDERSEALS AS REFLECTIVE CRACK RETARDANTS
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Note:		
Author(s) CLARK,JD		
Report No. EP606-10	Status: PUBLISHED	EVALUATION OF POLY-FAB UNDERSEAL PROTECTION ON IH-40, CARSON COUNTY, TEXAS
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Note:		
Author(s) CLARK,WD		
Report No. EP606-11	Status: PUBLISHED	EVALUATION OF POLY-FAB UNDERSEAL EFFECTIVENESS IN RETARDING REFLECTIVE CRACKING ON IH-40, OLDHAM COUNTY, TEXAS
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Note:		
Author(s) CLARK,WD		

Report No. EP606-12 Status: PUBLISHED  
Date December, 1983 Pages: 13  
Note:  
Author(s) CHAPPELL,JB

AN EVALUATION OF THE USE OF A SURFACE-SEALING SYSTEM OF HOT ASPHALT-RUBBER TO RETARD REFLECTIVE CRACKING

Report No. EP606-13 Status: PUBLISHED  
Date October, 1984 Pages: 38  
Note:  
Author(s) BEAIRD,JL

USE OF PAVEMENT INTERLAYERS TO RETARD REFLECTIVE CRACKING OF SOIL CEMENT BASES

Report No. EP608-01 Status: PUBLISHED  
Date September, 1975 Pages: 7  
Note:  
Author(s) NEAL,RS

FIBERGLASS PLACEMENT

Report No. EP608-02 Status: PUBLISHED  
Date October, 1984 Pages: 13  
Note:  
Author(s) PEEPLES JR,DP

UNDERSEALS TO RETARD REFLECTIVE CRACKING OF ASPHALTIC PAVEMENTS: SHORT TERM EVALUATION OF ROADGLAS AND ROADBOND

Report No. EP609-01 Status: PUBLISHED  
Date August, 1975 Pages: 19  
Note:  
Author(s) RODRIQUEZ,R

TEST USING EXPANSIVE CEMENT IN CEMENT BASE TO ELIMINATE OR REDUCE CRACKING

Report No. EP610-01 Status: PUBLISHED  
Date October, 1975 Pages: 4  
Note:  
Author(s) DUDLEY,WN

PAVEMENT EDGE IMPROVEMENT

Report No. EP611-01 Status: PUBLISHED  
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Note:  
Author(s) FRYE,DJ

SANDSTONE AGGREGATE SPRINKLE TREATMENT

Report No. EP611-02 Status: PUBLISHED  
Date May, 1978 Pages: 20  
Note:  
Author(s) MAGERS,RH

SANDSTONE SPRINKLE TREATMENT IN WILSON COUNTY, TEXAS

Report No. EP612-01 Status: PUBLISHED  
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Note:  
Author(s) FRYE,DJ

LIGHTWEIGHT AGGREGATE SPRINKLE TREATMENT

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Note:  
Author(s) NEELEY,BR

SPRINKLE TREATMENT IN WHARTON COUNTY, TEXAS

Report No. EP613-01 Status: PUBLISHED  
Date October, 1975 Pages: 26  
Note:  
Author(s) LINDLEY,BR

COLD RECYCLING OF ASPHALT CONCRETE PAVEMENT

Report No. EP613-02	Status: PUBLISHED	FARM-TO-MARKET HIGHWAY REHABILITATION BY RECYCLING METHODS
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Note:		
Author(s) LINDLEY,BR		
Report No. EP613-03	Status: PUBLISHED	SOME EXPERIENCES IN REUSING ASPHALT CONCRETE TAILINGS CREATED BY COLD MILLING
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Note:		
Author(s) MAGERS,RH		
Report No. EP614-01	Status: PUBLISHED	POLYMER CONCRETE PAVEMENT REPAIR
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Author(s) VINSON,DW		
Report No. EP614-02	Status: PUBLISHED	POLYMER CONCRETE DECK REPAIR
✓ Date April, 1976	Pages: 8	
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Author(s) MOSIER,DR		
Report No. EP614-03	Status: PUBLISHED	POLYMER IMPREGNATED CONCRETE BRIDGE DECK - BIG SPRING, TEXAS
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Author(s) BUTLER,HD		
Report No. EP614-04	Status: PUBLISHED	HIGH DENSITY CONCRETE AND POLYMER IMPREGNATED CONCRETE BRIDGE
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Note:		
Author(s) BUTLER,HD		
Report No. EP615-01	Status: PUBLISHED	TEST SECTIONS OF VARIOUS ASPHALTIC MIXTURES AND SPRINKLE TREATMENTS
✓ Date November, 1975	Pages: 12	
Note:		
Author(s) FRYE,DJ		
Report No. EP615-02	Status: PUBLISHED	TEST SECTIONS OF VARIOUS ASPHALTIC MIXTURES AND SPRINKLE TREATMENTS
Date April, 1977	Pages: 2	
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Author(s)		
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Author(s) MAGERS,RH		
Report No. EP616-01	Status: PUBLISHED	PROVIDING SMOOTH RAILROAD GRADE CROSSINGS USING ASPHALTIC CONCRETE PAVEMENT
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Note:		
Author(s) FITZPATRICK,R; BRUNSON,DJ		
Report No. EP617-01	Status: PUBLISHED	BLACK BASES USING EMULSIONS
✓ Date April, 1976	Pages: 76	
Note:		
Author(s) DUDLEY,WN		

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Date June, 1976 Pages: 6  
Note:  
Author(s) STRONG, JW

INCREASED SKID RESISTANCE THROUGH THE UTILIZATION  
OF A HEATER PLANER

Report No. EP618-02 Status: PUBLISHED  
Date July, 1976 Pages: 3  
Note:  
Author(s) FRYE, DJ

EXPERIMENTAL PAVEMENT SURFACE IMPROVEMENT USING  
HEATER-PLANER SPRINKLE TREATMENT WITH SANDSTONE AGGREGATE

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Date August, 1976 Pages: 4  
Note:  
Author(s) FRYE, DJ

HEATER-SCARIFIER RECYCLING OF LIMESTONE ROCK ASPHALT  
PAVEMENT AND SANDSTONE SPRINKLE TREATMENT

Report No. EP619-01 Status: PUBLISHED  
Date May, 1976 Pages: 17  
Note:  
Author(s) FRYE, DJ

EXPERIMENTAL PAVEMENT OVERLAYS

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Note:  
Author(s) HARRINGTON, WP

CONCRETE OVERLAY ON THE COLORADO RIVER BRIDGE, DISTRICT 7

Report No. EP620-01 Status: PUBLISHED  
Date June, 1976 Pages: 17  
Note:  
Author(s) LINDLEY, BR

GRATES FOR THE EXISTING CULVERT

Report No. EP621-01 Status: PUBLISHED  
Date July, 1976 Pages: 20  
Note:  
Author(s) DUOLEY, WN

CEMENT STACKDUST TREATMENT FOR MATERIALS IN PLACE

Report No. EP622-01 Status: PUBLISHED  
Date September, 1976 Pages: 20  
Note:  
Author(s) LINDLEY, BR

AMORPHOUS POLYPROPYLENE AS AN ASPHALT ADDITIVE

Report No. EP623-01 Status: PUBLISHED  
Date November, 1976 Pages: 5  
Note:  
Author(s) FRYE, DJ

EXPERIMENTAL TRANSVERSE TINE FINISH ON CONTINUOUSLY  
REINFORCED CONCRETE PAVEMENT

Report No. EP624-01 Status: PUBLISHED  
Date June, 1977 Pages: 5  
Note:  
Author(s) FRYE, OJ

AN EXPERIMENTAL SEAL OF POROUS PAVEMENT ON IH-35S  
USING NOCOR 690

Report No. EP624-01 Status: PUBLISHED  
Date , Pages:  
Note:  
Author(s) FRYE, DJ

SUPPLEMENTAL NO. 1

<p>Report No. EP625-01 Status: PUBLISHED            ✓ Date December, 1979 Pages: 11            Note:            Author(s) BAYLESS,B</p>	EVALUATION OF PRESSURE GROUTING EXISTING CONCRETE PAVEMENT
<p>Report No. EP626-01 Status: PUBLISHED            ✓ Date September, 1978 Pages: 21            Note:            Author(s) BUTLER,HD</p>	EVALUATION OF SHRINKAGE COMPENSATING CEMENT IN A BRIDGE SLAB
<p>Report No. EP627-01 Status: PUBLISHED            ✓ Date October, 1980 Pages: 46            Note:            Author(s) ROSS,HE; MILLER,JW et al</p>	TEST AND EVALUATION OF RURAL MAILBOX SUPPORTS
<p>Report No. EP628-01 Status: PUBLISHED            ✓ Date January, 1981 Pages: 29            Note:            Author(s)</p>	FIELD EVALUATION OF BOTTOM ASH IN HOT MIX ASPHALTIC CONCRETE
<p>Report No. EP628-02 Status: PUBLISHED            ✓ Date November, 1981 Pages: 27            Note:            Author(s) FULTS,KW</p>	CEMENT FLY-ASH STABILIZATION - F.M. 3188 EXTENSION - TRINITY COUNTY, TEXAS
<p>Report No. EP629-01 Status: PUBLISHED            ✓ Date September, 1982 Pages: 13            Note:            Author(s) CLARK,W0</p>	THE USE OF A STABILIZING ADDITIVE IN HOT MIX ASPHALT CONCRETE
<p>Report No. EP629-02 Status: PUBLISHED            ✓ Date March, 1986 Pages: 25            Note:            Author(s) TURNHAM,N</p>	THE EFFECT OF A POLYMER ADDITIVE IN HMAC
<p>Report No. EP630-01 Status: PUBLISHED            ✓ Date June, 1983 Pages:            Note:            Author(s)</p>	SULPHUR-EXTENDED ASPHALT (SEA) USING SOLID (PELLETIZED) SULPHURS BY DISTRICT 11 STAFF
<p>Report No. EP631-01 Status: PUBLISHED            ✓ Date June, 1983 Pages: 15            Note:            Author(s) HAZLETT,DG</p>	EVALUATION OF ASPHALT-LATEX RUBBER BLENDS
<p>Report No. EP632-01 Status: PUBLISHED            ✓ Date October, 1983 Pages: 13            Note:            Author(s) MUCHAW,DB</p>	THIN BONDED CONCRETE OVERLAYS
<p>Report No. EP633-01 Status: PUBLISHED            ✓ Date March, 1985 Pages:            Note:            Author(s) WIMBERLEY,SR</p>	THICK CONCRETE PAVEMENT EVALUATION



Report No. EP634-01 Status: PUBLISHED  
Date September, 1985 Pages:  
Note:  
Author(s) GOLDING,SH

INVESTIGATION OF COST-EFFECTIVE MANAGEMENT OF EMBANKMENT  
VEGETATION

TECHNOLOGY TRANSFER DOCUMENTS

Report No. T2-1.1	Status:	MAT PROBLEMS INSPECTORS' GUIDE
Date May, 1989	Pages: 11	
Note:		
Author(s)		
Report No. T2-1.2	Status:	REFERENCE BOOKLET OF TABLES FREQUENTLY USED IN HIGHWAY
Date January, 1989	Pages: 20	MAINTENANCE
Note:		
Author(s)		
Report No. T2-2.1	Status:	TTS TIPS
Date June, 1989	Pages: 17	
Note:		
Author(s)		
Report No. T2-3.1	Status:	INNOVATIONS #1
Date December, 1985	Pages: 1	POST AND CABLE DELINEATORS
Note:		
Author(s)		
Report No. T2-3.2	Status:	INNOVATIONS #2
Date February, 1987	Pages: 1	TEMPORARY FLEXIBLE-REFLECTIVE ROAD MARKER TAB
Note:		
Author(s) RHODES,L		
Report No. T2-3.3	Status:	INNOVATIONS #3
Date May, 1987	Pages: 1	V-PLow ATTACHMENT: LONGITUDINAL CRACK SEALING
Note:		
Author(s)		
Report No. T2-3.4	Status:	INNOVATIONS #4
Date July, 1987	Pages: 1	TAPE STRIP CUTTING BOX
Note:		
Author(s)		
Report No. T2-3.5	Status:	INNOVATIONS #5
Date September, 1987	Pages: 1	PRE-CONSTRUCTION TRAFFIC CONTROL PLAN
Note:		
Author(s)		
Report No. T2-3.6	Status:	INNOVATIONS #6
Date June, 1989	Pages: 1	HMAC DATA TRACKING CHART
Note:		
Author(s)		
Report No. T2-4.1	Status:	PREVENTING BACK INJURIES: AAR PROGRAM ADOPTED AT UNION
Date January, 1989	Pages: 2	PACIFIC
Note:		
Author(s)		
Report No. T2-5.1	Status:	LISTING OF RESEARCH STUDIES AND REPORTS FROM THE TEXAS
Date January, 1989	Pages: 242	COOPERATIVE TRANSPORTATION RESEARCH PROGRAM (ANNUAL)
Note:		
Author(s)		

Report No. T2-5.2    Status:  
Date October, 1989    Pages: 117  
Note:  
Author(s)

VIDEOTAPE CATALOG

Report No. T2-5.3    Status:  
Date January, 1987    Pages: 6  
Note:  
Author(s)

RETAINING WALLS IN TEXAS

Report No. T2-5.4    Status:  
Date January, 1987    Pages: 4  
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Author(s)

TECHNOLOGY TRANSFER  
COMMUNICATING IDEAS AND TECHNIQUES FOR IMPROVING TEXAS  
HIGHWAYS

Report No. T2-5.5    Status:  
Date October, 1989    Pages: 1  
Note:  
Author(s)

TEXAS REFERENCE MARKER  
OFFICIAL HIGHWAY KEY

IN-HOUSE DEPARTMENTAL (DHT) REPORTS

Report No. DHT-01 Date May, 1987 Note: Author(s) SNYDER,JF	Status: PUBLISHED Pages: 51	HISTORY OF THE TEXAS HIGHWAY DEPARTMENT IN HIDALGO COUNTY
Report No. DHT-02 Date June, 1987 Note: Author(s) HOGAN,MC	Status: PUBLISHED Pages: 30	EVALUATION OF THE TROXLER MODEL 4640, THIN LAYER DENSITY GAUGE
Report No. DHT-03 Date August, 1987 Note: Author(s) WILHELM,S	Status: PUBLISHED Pages:	UNBURNED FUELS IN DRUM-MIX ASPHALT PLANTS
Report No. DHT-04 Date August, 1987 Note: Author(s) WILHELM,S	Status: PUBLISHED Pages:	PAVEMENT RECYCLING
Report No. DHT-05 Date November, 1987 Note: Author(s) HO,MK	Status: PUBLISHED Pages:	THE EFFECT OF ANTI-STRIPPING AGENTS ON THE TENSILE STRENGTH OF BITUMINOUS MIXTURES
Report No. DHT-06 Date September, 1987 Note: Author(s) HARGETT,KH	Status: PUBLISHED Pages:	EXPERIMENTAL HOT MIX PROJECT USING POLYMERIZED ASPHALT
Report No. DHT-07 Date April, 1901 Note: Author(s) SEILER,J	Status: PUBLISHED Pages: 88	CRACK AND SEAT OF PCC - STATE OF THE ART
Report No. DHT-08 Date April, 1988 Note: Author(s) SEILER,J	Status: PUBLISHED Pages:	GRAFFITI
Report No. DHT-09 Date March, 1988 Note: Author(s) SEILER,J	Status: PUBLISHED Pages:	APPLICATION OF ARTICULATED (SNAKE) CONCRETE BARRIERS IN WORK ZONES
Report No. DHT-10 Date October, 1988 Note: Author(s) SEILER,J	Status: PUBLISHED Pages:	MUD ON ROADS
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- KEYWORD INDEX -

AAMAS VIDEO TAPE.....9-571	AGGREGATE EVAL/SKID TRAIL.....DHT-12	ARROWBOARDS IN WORK ZONES.....0-495
AASHO FLEXIBLE BASE SPECS.....0-48	AGGREGATE FOR SPRINK TRET....EP605-01	ARTERIAL INTERCHANGE DES.....0-1237
AASHO RIGID PVMT DESIGN.....SS 13.01	AGGREGATE GRADATION-ACP.....0-1158	ARTERIAL STREET CONTROL.....0-165
AASHO ROAD TEST.....0-32	AGGREGATE POLISHING.....0-216	ARTERIAL STREET DESIGN.....0-30
AASHTO BRIDGE DESIGN.....0-475	AGGREGATE POLISHING.....0-342	ARTERIAL STREET SYSTEM.....0-1107
AASHTO DESIGN GUIDE.....7-926	AGGREGATE POLISHING CHAR.....0-126	ARTERIAL STREET WORK ZONE.....0-1161
AASHTO PAVEMENT DESIGN.....0-1177	AGGREGATE QUALITY CONTROL.....0-438	ARTERIAL SYSTEM MOBILITY.....7-978
ACCELERATED CONCRETE.....0-311	AGGREGATE SKID RESIST.....0-286	ARTERIAL THOROUGHFARES.....0-428
ACCESS EFFECTS ON ROW.....0-82	AGGREGATE SOUNDNESS TEST.....7-1929	ASH IN ASPHALT CONC.....EP628-01
ACCESS STUDY,US-83.....7-907	AGGREGATE SOUNDNESS TEST.....SS 15.12	ASPHALT ADDITIVE.....EP629-01
ACCESS VIOLATIONS.....0-65	AGGREGATE SOURCES.....0-267	ASPHALT ADDITIVE,POLYMER....EP622-01
ACCESS,TRUCK TO HIGHWAY.....0-336	AGGREGATE,POOR.....0-71	ASPHALT ADDITIVES.....0-175
ACCESS,US-83 EXPRESSWAY.....7-962	AGGREGATE,SYNTH.,CLASS.....0-81	ASPHALT ADDITIVES.....0-471
ACCIDENT ANALYSIS,FREEMWAY...RP-16(01)	AGGREGATE,SYNTHETIC.....0-51	ASPHALT ADDITIVES.....0-187
ACCIDENT ANALYSIS,FREEMWAY...RP-16(07)	AGGREGATE/ASPHALT MIX.....9-571	ASPHALT ADDITIVES.....9-564
ACCIDENT COST VALUES.....0-396	AGGREGATES FOR SEAL COATS.....0-1222	ASPHALT BINDER DESIGN.....0-1155
ACCIDENT DATA,USE OF.....0-238	AGGREGATES ON THICKNESS.....0-249	ASPHALT BINDERS,DESIGN OF.....0-1249
ACCIDENT DETECT.,FREEMWAY.....0-210	AGGREGATES,COARSE.....0-1244	ASPHALT CEMENT SPECS.....0-74
ACCIDENT DETECTION.....0-200	AGGREGATES,COARSE.....0-422	ASPHALT CHROMATOGRAPHY.....0-458
ACCIDENT EVAL,I610/SH225.....0-1192	AGGREGATES,MARGINAL.....0-267	ASPHALT COMPACTION.....SS 06.00
ACCIDENT INVEST. SITES.....0-165	AGGREGATES,MARGINAL.....0-235	ASPHALT CONC,LIGHTWEIGHT....SS 15.01
ACCIDENT MODELING.....0-140	AGGREGATES,MARGINAL.....RP-12(01)	ASPHALT CONCR. DENS. OEVI.....9-552
ACCIDENT RATE EVALUATION.....0-399	AGGREGATES,SYNTHETIC.....0-83	ASPHALT CONCR. MIX DESIGN.....0-285
ACCIDENT RATES/COSTS.....0-144	AGGREGATES,SYNTHETIC.....0-110	ASPHALT CONCR. THICKNESS.....0-123
ACCIDENT REPORTING.....0-139	AGGREGATES,UPGRADING.....0-1253	ASPHALT CONCRETE.....0-3
ACCIDENT SIMULATION.....0-302	AIR AUTO/INCIDENT/MANAGMT.....7-1928	ASPHALT CONCRETE BONDING.....0-32
ACCIDENTS AT WORK ZONES.....0-263	AIR ENTRAINMENT IN CONCR.....0-103	ASPHALT CONCRETE DESIGN.....SS 15.02
ACCIDENTS ON PLANT-MIX.....SS 15.11	AIR IN PUMPED CONCRETE.....0-1254	ASPHALT CONCRETE DESIGN.....SS 15.04
ACCIDENTS,FROM MOWERS.....0-445	AIR POLLUTION IMPLICATION.....0-1279	ASPHALT CONCRETE MIX DES.....0-1170
ACCIDENTS,RUN-OFF-ROAD.....0-1257	AIR POLLUTION INTERSECT.....9-541	ASPHALT CONCRETE OVERLAY.....0-101
ACCIDENTS,SINGLE-VEHICLE.....0-140	AIR POLLUTION,EMISSION.....0-283	ASPHALT CONCRETE OVERLAYS.....0-318
ACCIDENTS,SKIDDING.....0-133	AIR POLLUTION,EMISSIONS.....0-250	ASPHALT CONTENT GAUGE.....0-1116
ACCIDENTS,TRUCK/CAR.....0-231	AIR POLLUTION,ROAD DUST.....9-528	ASPHALT CONTENT GAUGE.....SS 17.01
ACCIDENTS/CONSTRUCTION.....0-1108	AIR QUALITY MONITORING.....0-282	ASPHALT CONTENT GAUGE.....DHT-19
ACCUMULATIVE CNT RECORDER.....0-496	AIR QUALITY,HIWAY IMPACT.....0-218	ASPHALT DENSITY GAUGE.....DHT-02
ACID LEACHING,NCSA.....SS 11.07	AIR VOID MEASUREMENT.....0-363	ASPHALT DENSITY GAUGE.....SS 06.00
ACOUSTIC MEAS. OF CONCR.....0-130	ALKALI-AGGREGATE REACT.....0-450	ASPHALT EMULS. SEAL COAT.....0-1157
ACOUSTIC TRAFFIC DETECT.....1-1251	ANCHOR BOLT DEVELOPMENT.....0-88	ASPHALT GRADE SELECTION.....0-214
ACP MIX DESIGN.....0-1134	ANCHOR BOLT GROUPS.....0-305	ASPHALT HARDENING.....0-9
ACP MIXTURE DESIGN.....0-1170	ANCHOR BOLT LOADING.....0-382	ASPHALT HARDENING.....0-127
ACP OVERLAYS ON CONCRETE.....0-452	ANCHOR BOLTS,FATIGUE.....0-172	ASPHALT HARDENING.....0-175
ACP SPECIFIC GRAVITY.....0-1160	ANCHOR BOLTS,HI-STRENGTH.....0-29	ASPHALT MANAGEMENT SYSTEM.....0-123
ACR DATA COLLECTION.....1-2025	ANCHOR BOLTS,LENGTH.....0-53	ASPHALT MATERIAL IMPROVE....RP-03(01)
ACR SCHEOULING.....0-496	ANCHOR BOLTS,SHORT.....0-1126	ASPHALT MATERIAL IMPROVE....RP-03(02)
ADDITIVE IN ASPHALT.....EP629-01	ANCHOR BOLTS,SHORT.....0-1208	ASPHALT MILLING TAILINGS.....EP613-03
ADDITIVES IN ASPHALT.....0-175	ANCHORAGE IN CONCRETE.....0-383	ASPHALT MIX DESIGN.....0-474
ADDITIVES,ASPHALT.....0-187	ANCHORAGE OF PAVEMENT.....0-39	ASPHALT MIX W/DRYER-DRUM....SS 15.08
ADDITIVES,ASPHALT.....9-564	ANCHORAGE OF REBARS.....0-113	ASPHALT MIX WITH LIME.....0-441
ADDITIVES,ASPHALT.....0-471	ANCHORAGE ZONE,GIRDER.....0-208	ASPHALT MIXTURE DENSITY.....0-468
ADHESIVE ANCHORS.....0-1126	ANCHORS,FORM-HANGER.....0-1171	ASPHALT MIXTURE TESTS.....EP615-01
ADMINISTRATIVE SUPPORT.....0-470	ANCHORS,STEEL-TO-STEEL.....0-1126	ASPHALT MIXTURE TESTS.....EP615-02
ADMIXES FOR CONCRETE.....0-70	ANTIOXIDANTS FOR ASPHALT.....0-9	ASPHALT MIXTURE TESTS.....EP615-03
ADMIXTURES,IN CONCRETE.....0-103	ARAN IMPLEMENTATION.....0-1223	ASPHALT MIXUTRE CHARAC.....0-1158
ADVANCED TRANSP. TECHNOL.....7-976	ARAN,PHOTO INTERPRETATION.....0-1189	ASPHALT PAVEMENT AGGREG.....0-1253
AGGREGATE CLASSIFICATION.....0-51	ARROWBOARDS AT WORK ZONES.....0-228	ASPHALT PAVEMENT COMPACT.....0-90

- KEYWORD INDEX -

ASPHALT PAVEMENT FAILURE.....0-313	AUTOMATIC TRAFFIC RECORD.....1-2023	BENT CAP ANALYSIS.....0-1183
ASPHALT PAVEMENT LOADING....RP-08(01)	AUTOMATIC TRAFFIC RECORDE.....1-2023	BENT CAP BENDING.....0-56
ASPHALT PAVEMENT MATERIAL.....0-183	AUTOMATION DEVELOPMENT.....0-107	BENT CAP SHEAR STRENGTH.....0-91
ASPHALT PAVEMENT MOISTURE.....0-1286	AUTOMOTIVE REPAIR.....7-986	BENT CAP-PIER CONNECTORS.....0-1302
ASPHALT PAVEMENT RUTTING.....0-1121	AVIATION FAC.-ECON.IMPACT.....7-1900	BENT CAPS,CANTILEVER ENO.....0-52
ASPHALT PAVEMENT,PLACING.....0-214	AXLE EQUIVALENTS,18-KIP.....0-131	BENT CAPS,STRESS.....0-153
ASPHALT PAVEMENT,RECYCLED.....0-1272	AXLE SENSOR TECHNOLOGY.....1-2038	BENT COLUMN DESIGN.....0-1129
ASPHALT PAVEMENTS,POLYMER.....0-1306	AXLE WEIGHT DISTRIBUTION.....SS 02.00	BENT DESIGN.....0-7
ASPHALT PAVMENT RUTTING.....SS 26.01	BACKFILL LOAD ON CULVERT.....0-326	BENTONITE SLURRY.....0-351
ASPHALT PRICES.....0-214	BACKWATER AT BRIDGE.....0-466	BID PRICES,CONSTRUCTION.....0-43
ASPHALT PROPERTIES.....0-9	BACKWATER AT BRIDGES.....0-314	BIDDING,ALTERNATIVE.....0-214
ASPHALT PROPERTY IN PVMT.....0-287	BARRIER,END TREATMENT.....0-346	BINDER SULPHLEX.....9-544
ASPHALT PVMT. COMPACTION.....0-251	BARRIER,FOR WORK ZONE.....0-262	BINDER,SULPHUR ASPHALT.....9-536
ASPHALT PVMTS AT INTERSEC.....0-1172	BARRIER,PORTABLE.....0-262	BINDER,SULPHUR-ASPHALT.....9-547
ASPHALT PVMTS.,COMPACTION.....0-317	BARRIERS,ARTICULATED.....DHT-09	BINDERS FOR FLEXIBLE PVMT.....0-127
ASPHALT RAILROAD CROSSING....EP616-01	BARRIERS,DELINEATION OF.....0-408	BINDERS,ASPHALT-RUBBER.....0-347
ASPHALT RECYCLING.....0-252	BARRIERS,SMALL-CAR CRASH.....0-333	BINDERS,DESIGN OF.....0-1249
ASPHALT RECYCLING.....EP604-01	BARS,TENSION,CUTTING.....0-80	BINDERS,SUPERIOR ASPHALT.....0-1155
ASPHALT RUBBER.....7-1902	BASE COURSE PROPERTIES.....0-1159	BITUMINOUS BASES.....0-41
ASPHALT SEALS,DILUTED.....0-1156	BASE DENSITY,FLEXIBLE.....NY 63-2	BITUMINOUS-TREATED BASES.....0-14
ASPHALT SEGREGATION.....0-366	BASE WITH GYPSUM.....DHT-11	BLACK BASE WITH EMULSION....EP617-01
ASPHALT SURFACE TREATMENT....SS 15.13	BASE,BLACK WITH EMULSION....EP617-01	BLAST-CLEANING DEVICES.....9-518
ASPHALT TANK INSUL.....0-187	BASE,CEMENT-STABILIZED.....SS 10.01	BOILING TEST.....0-253
ASPHALT TANK SOLAR HEAT.....0-272	BASE,CRUSHED STONE.....EP606-08	BOND STRESS-SLIP IN CRCP.....0-1174
ASPHALT TANK,SOLAR HEAT.....9-534	BASE,EXPANSIVE CEMENT.....EP609-01	BOTTOM ASH IN ASPHALT.....EP628-01
ASPHALT TANK,SOLAR-HEATED.....0-229	BASE,FLEXIBLE,SPECS.....0-48	BOX CULVERTS,CONCRETE.....0-326
ASPHALT TENSILE STRENGTH.....DHT-05	BASE,FLY ASH.....DHT-17	BOX GIRDER BRIDGE.....7-915
ASPHALT TENSILE STRENGTH.....DHT-23	BASE,LIMESTONE.....0-99	BOX GIRDER,PRECAST.....0-121
ASPHALT USE,RECYCLED.....DHT-26	BASE,SULFUR-ASPHALT SAND.....0-187	BRACING,BRIDGE DECKS.....0-1239
ASPHALT WITH LATER-RUBBER....EP631-01	BASES,ASPHALT-TREATED.....0-235	BRIDGE APPROACH INSTABIL.....0-1213
ASPHALT WITH SULPHUR.....EP630-01	BASES,BITUMINOUS.....0-41	BRIDGE BEARINGS.....0-1304
ASPHALT,CHROMATOGRAPHY OF.....0-419	BASES,BITUMINOUS-TREATED.....0-14	BRIDGE BENTS.....0-7
ASPHALT,CUTBACK,EMULSION.....0-214	BASES,FABRICS UNDER.....0-414	BRIDGE CABLE STAYS,GROUT.....0-1268
ASPHALT,ELASTOMERS IN.....0-180	BASES,FROZEN.....0-207	BRIDGE CABLES,CORROSION.....0-1264
ASPHALT,MOISTURE EFFECTS.....0-358	BASES,INTERLAYER ON.....EP606-13	BRIDGE CLEANING.....9-518
ASPHALT,POLYMER-MODIFIED.....0-492	BEAM BRIDGE,I-.....RP-10(02)	BRIDGE DECK ANALYSIS.....0-56
ASPHALT,REPAIR OF WET.....0-359	BEAM COLUMN ANALYSIS.....0-1183	BRIDGE DECK CONDITION.....0-106
ASPHALT,SYNTHETIC AGGREG.....0-110	BEAM COLUMNS,ELASTIC.....0-56	BRIDGE DECK CONSTRUCTION.....9-535
ASPHALT,SYNTHETIC FIBERS IN.....0-319	BEAM COLUMNS,WIDER LOAD.....0-56	BRIDGE DECK CORROSION.....0-1300
ASPHALT-AGGR MIX ANAL SYS.....9-571	BEAM DEFLECTION.....0-381	BRIDGE DECK CORROSION.....9-500
ASPHALT-RUBBER.....0-449	BEAM,BENT CAPS,STRESS.....0-153	BRIDGE DECK CORROSION.....9-562
ASPHALT-RUBBER PERFORM.....0-187	BEAM,CONTINUOUS,ANALYS.....0-1183	BRIDGE DECK CORROSION PRO.....DHT-24
ASPHALT-RUBBER USE.....7-1902	BEAM,MULTI-,BRIDGE.....0-194	BRIDGE DECK DETERIORATION.....0-130
ASPHALT-SULPHUR TEST.....7-914	BEAM,REINFORCEMENT FOR.....0-1127	BRIDGE DECK FOR RAIL.....0-295
ASPHALT-TREATED MATLS.....0-98	BEAMS,CAMBER IN.....0-193	BRIDGE DECK INSULATION.....0-62
ASPHALT/PVMT.MARKER ADHES.....0-477	BEAMS,COMPOSITE.....0-56	BRIDGE DECK JOINT CLEAN.....0-12
ASPHALTENE SETTLING TEST.....0-253	BEAMS,CRACK WIDTH.....0-102	BRIDGE DECK ON STEEL BEAM.....0-350
ASPHALTS,SUPERIOR.....0-1314	BEAMS,CRACKS ON FACES.....0-198	BRIDGE DECK OVERLAY.....7-959
ATR SOFTWARE DEVELOP.....1-2031	BEAMS,PRESTRESSED CONCRET.....0-22	BRIDGE DECK POST-TENSION.....0-389
ATTENUATION SYSTEMS.....0-146	BEAMS,PRESTRESSED,STRESS.....0-168	BRIDGE DECK REPAIR,POLYMR....EP614-02
ATTENUATOR SAND/TIRE.....0-146	BEAMS,T-,BEHAVIOR.....0-188	BRIDGE DECK REPLACEMENT.....0-324
ATTENUATOR,TRUCK-MOUNTED.....7-991	BEAMS,TENSION BARS IN.....0-80	BRIDGE DECK SEALERS.....DHT-21
AUDIO/VISUAL PRESENTATION.....0-497	BEARING PADS,ELASTOMERIC....RP-10(01)	BRIDGE DECK SEALING POLY.....7-923
AUSTIN/SAN ANTONIO OD.....0-1186	BEARINGS,BRIDGE.....0-1304	BRIDGE DECK W/EXPAN. CONC....EP626-01
AUTOMATIC ROAD ANALYZER.....0-1223	BEBO ARCH CULVERT.....7-932	BRIDGE DECK,INTERN. SEAL.....9-538



- KEYWORD INDEX -

BRIDGE DECK, POLYMER.....EP614-03	BRIDGE STRESS, TEMPERATURE.....0-23	CHANGEABLE MESSAGE SIGNS.....0-228
BRIDGE DECK, POLYMER ON.....9-508	BRIDGE, BACKWATER AT.....0-314	CHANGEABLE MESSAGE SIGNS.....0-263
BRIDGE DECK, PRESTRESSED.....0-303	BRIDGE, CAST-IN-PLACE.....0-145	CHANGEABLE MESSAGE SIGNS.....0-292
BRIDGE DECK/ROAD JOINT.....0-156	BRIDGE/PAVEMENT INTERFACE.....0-213	CHANGEABLE-MESSAGE SIGN.....0-200
BRIDGE DECKS, BRACING.....0-1239	BRIDGE/PAVEMENT INTERFACE.....0-39	CHANNELIZATION SIGNING.....0-19
BRIDGE DECKS, CONTINUOUS.....0-403	BRIDGE RAIL/GUARDRAIL.....0-461	CHEMCRETE IN ASPHALT.....0-471
BRIDGE DECKS, HEATED.....0-72	BRIDGES, BACKWATER AT.....0-466	CHEMCRETE ON SH-71.....9-564
BRIDGE DECKS, PRESTRESSED.....0-316	BRIDGES, BOX GIRDER.....0-194	CHROMATOGRAPHY OF ASPHALT.....0-419
BRIDGE DEFLECTIONS.....7-921	BRIDGES, COMPUTER ANALYS.....0-1183	CHROMATOGRAPHY OF ASPHALT.....0-458
BRIDGE DESIGN, AASHTO.....0-475	BRIDGES, DEFLECTION TESTS.....0-155	CIRCULAR TRACK TEST.....0-126
BRIDGE DESIGN, NEW METHOD.....9-505	BRIDGES, DIAPHRAGMS IN.....0-158	CITIES, FINANCIAL NEEDS.....0-1307
BRIDGE DRAINS, HYDRAULICS.....0-1267	BRIDGES, GIRDER/SLAB TYPE.....0-115	CITY STREET REHABILITAT.....0-278
BRIDGE END ROUGHNESS.....0-213	BRIDGES, NARROW, PRIORITY.....0-233	CLAIMS, CONSTRUCTION.....7-966
BRIDGE FATIGUE DESIGN.....0-306	BRIDGES, PRECAST CONCRETE.....0-226	CLAIMS, REDUCING CONST.....0-1149
BRIDGE FATIGUE LIFE.....0-247	BRIDGES, SEGMENTAL.....0-121	CLASSIFICATION SITE INSTL.....1-2035
BRIDGE FATIGUE LIFE.....0-464	BRIDGES, SEGMENTAL.....0-1234	CLASSIFICATION SITE INSTL.....7-1901
BRIDGE GIRDER DESIGN.....0-381	BRIDGES/POST-TENSIONED.....0-1209	CLASSIFICATION, FUNCTIONAL.....0-124
BRIDGE IMPACT TESTS.....0-26	BRITISH WHEEL TEST.....0-126	CLASSIFICATION, VEHICLE.....1-2035
BRIDGE INSPECTION TRAIN.....9-582	BUS ACCESSIBILITY.....7-1061	CLASSIFICATION, VEHICLE.....1-2026
BRIDGE LOAD RATING.....0-201	BUS BRIDGE RAIL.....0-416	CLASSIFICATION, VEHICLE.....1-2038
BRIDGE LOADING.....0-206	BUS INDUSTRY, INTERCITY.....7-965	CLASSIFICATION, VEHICLE.....7-1901
BRIDGE LOADING.....0-462	BUS-RELATED STREET IMPROV.....0-1225	CLAY DRYING.....0-1195
BRIDGE LOADING.....0-156	BUSINESS GROSS SALES IMPA.....7-1915	CLAY STRENGTH, COMPACTED.....0-436
BRIDGE LOADING BY TRUCKS.....0-1266	BUSWAY PARK-AND-RIDE.....7-1086	CLAY, IN AGGREGATE.....0-71
BRIDGE MANAGEMENT.....7-1911	BUSWAY PARK-AND-RIDE.....7-1085	CLAY, SWELLING.....0-123
BRIDGE MANAGEMENT SYSTEM.....0-1212	BUSWAYS ON KATY FREEWAY.....0-484	CLAYS AND PVMT ROUGHNESS.....0-284
BRIDGE MANAGEMENT SYSTEM.....0-1259	BYPASS IMPROVEMENTS.....0-1106	CLAYS IN SUBGRADES.....0-224
BRIDGE RAIL END TREATMENT.....0-1263	BYPASS PROJ. BENEFIT/COST.....7-1990	CLAYS, EXPANSIVE.....0-187
BRIDGE RAIL EXPERT SYSTEM.....0-1240	BYPASS, ECONOMIC IMPACT.....0-1247	CLAYS, EXPANSIVE IN ROADS.....0-118
BRIDGE RAIL FOR TRUCKS.....0-230	C-202 BRIDGE RAIL.....0-1179	CLAYS, MONITORING.....0-187
BRIDGE RAIL FOR TRUCKS.....7-911	CABLE ANCHORAGE, STAY.....0-384	CLIMATIC OATA.....0-452
BRIDGE RAIL RETROFIT.....0-1240	CABLE STAYS, CORROSION OF.....0-1264	CLOSURES, FREEWAY.....0-292
BRIDGE RAIL, C-202.....0-1179	CABLE STAYS, GROUT DEFECTS.....0-1268	COARSE AGGREGATES.....0-422
BRIDGE RAIL, C411.....0-1185	CALCIUM NITRITE DECK PROT.....9-562	COATING CONCRETE.....0-451
BRIDGE RAIL, ENERGY-ABSORB.....0-417	CALIBRATION FACILITY.....7-1956	COATINGS FOR STEEL.....9-560
BRIDGE RAIL, PRECAST CONC.....7-912	CALIBRATION OF FWD.....7-1956	COHESION TEST, ASPHALT.....0-32
BRIDGE RAIL, T-202.....0-1179	CALIBRATION SYSTEM DEVEL.....7-1947	COLD RECYCLING OF ASPHALT.....EP613-01
BRIDGE RAIL, T411.....0-1185	CALL BOX FOR EMERGENCIES.....0-132	COLD-LAID HOT MIX.....9-503
BRIDGE RAIL, T421.....0-1185	CAMBER IN BEAMS.....0-193	COLD-WEATHER PAVE. MAINT.....0-129
BRIDGE RAIL, TS.....0-416	CAR REPAIR TECHNOLOGY.....7-986	COLUMN DESIGN.....0-7
BRIDGE RAIL-GUARDRAIL CON.....9-548	CARPPOOL, HOV MODEL.....0-1103	COLUMN DESIGN, BENT.....0-1129
BRIDGE RAILS/AESTHETIC.....0-1185	CARPPOOLS ON KATY FREEWAY.....0-484	COLUMNS, BEAM.....0-56
BRIDGE REHABILITATION.....7-1911	CASING, DRILLED SHAFT.....0-255	COLUMNS, DESIGN OF HOLLOW.....0-254
BRIDGE REPAIR ON IH-20.....0-1313	CATHODIC PROTEC. OF DECK.....DHT-24	COMMODITY MOVEMENTS.....0-1104
BRIDGE REPLACEMENT.....DHT-27	CATHODIC PROTECTION.....9-500	COMMODITY TRANSPORTATION.....RP-02(01)
BRIDGE REPLACEMENT PRIOR.....7-1911	CATHODIC PROTECTION.....9-554	COMMUNICATION SYSTM, STR.....0-348
BRIDGE REPLACEMENT STRAT.....0-439	CATHODIC PROTECTION.....9-578	COMMUNICATION, FREEWAY.....7-1931
BRIDGE SAFETY INDEX.....0-233	CATHODIL PROTEC. OF DECKS.....9-522	COMMUNICATION, TRANSP.....7-945
BRIDGE SILTING CONTROL.....7-1936	CEMENT BASE, EXPANSIVE.....EP609-01	COMMUNICATION, TRANSPORT.....7-904
BRIDGE SLAB ANCHORAGE.....0-39	CEMENT FLY-ASH STABILIZE.....EP628-02	COMMUTER SERVICE CENTER.....7-1074
BRIDGE SLAB STRENGTHENING.....0-219	CEMENT STABILIZED BASE.....SS 10.01	COMMUTING PATTERNS, URBAN.....0-1193
BRIDGE SLAB THICKNESS.....0-1305	CEMENT STACKDUST STABIL.....EP621-01	COMPACTED FILLS IN EMBANK.....0-1195
BRIDGE SLAB, DYNAMIC LOADS.....0-266	CEMENT-STABILIZATION.....0-187	COMPACTION MEASUREMENT.....0-468
BRIDGE SPEED SURVEY.....RP-17(02)	CEMENT-TREATED MATLS.....0-98	COMPACTION OF ASPH. PVMTS.....0-317
BRIDGE STRAND TESTING.....7-1954	CHASE AIR INDICATOR.....0-363	COMPACTION OF ASPHALT.....SS 06.00

- KEYWORD INDEX -

COMPACTION OF FLEX BASE.....NY 63-2	CONCRETE,AIR ENTRAINMENT.....0-103	CORRIDOR ANALY. FOR CONST.....0-1188
COMPACTION OF HMAC.....0-214	CONCRETE,ENVIRON. EFFECTS.....0-371	CORRIDOR ANALYSIS.....0-30
COMPACTION,ASPHALT PVMT.....0-251	CONCRETE,FREEZE/THAW.....0-81	CORRIDOR ANALYSIS.....0-1112
COMPACTION,FLEXIBLE PVMTS.....0-90	CONCRETE,HIGH-STRENGTH.....0-315	CORRIDOR EVALUATION.....0-281
COMPACTOR,GYRATORY,EVAL.....0-99	CONCRETE,HIGH-STRENGTH.....0-367	CORROSION BRIDGE DECK.....9-554
COMPUTER ANALYSIS OF BRGS.....0-1183	CONCRETE,HIGH-STRENGTH.....0-381	CORROSION OF CONCRETE BAR.....0-112
COMPUTER DEVELOPMENT.....0-107	CONCRETE,LIGHTWEIGHT.....0-55	CORROSION OF PILINGS.....RP-06(01)
COMPUTER MOTORIST INFO.....7-958	CONCRETE,LIGHTWEIGHT.....0-35	CORROSION OF PILINGS.....RP-06(02)
COMPUTER PROGRAM DEVEL.....0-42	CONCRETE,POLYMER.....0-114	CORROSION PROTEC. OF DECK.....9-522
CONCRETE ADMIXES.....0-70	CONCRETE,POLYMER.....0-246	CORROSION PROTECT. DECK.....9-562
CONCRETE ANCHORAGE.....0-383	CONCRETE,POLYMER/HI-DENS.....EP614-04	CORROSION PROTECT.,DECKS.....0-1300
CONCRETE ANCHORS,BEHAVIOR.....0-1126	CONCRETE,POST-TENSIONED.....0-465	CORROSION PROTECTION.....0-1264
CONCRETE COATING.....0-34	CONCRETE,PRESTRESS DESIGN.....0-248	CORROSION PROTECTION.....9-578
CONCRETE COATING.....0-451	CONCRETE,PUMPED AIR IN.....0-1254	CORROSION,CATHODIC PROTEC.....9-500
CONCRETE COATINGS,TESTS.....0-130	CONCRETE,REINF.,SHEAR.....0-248	COST ALLOCATION.....0-332
CONCRETE CONSOLIDATION.....0-128	CONCRETE,REINF.,TORSION.....0-248	COST ALLOCATION.....7-974
CONCRETE CONSTRUCTION.....0-1385	CONE PENETROMETER.....0-10	COST ALLOCATION ENHANCE.....7-1900
CONCRETE CORING MATERIALS.....0-141	CONGESTION ESTIM.,URBAN.....0-323	COST ALLOCATION PROCEDURE.....7-1910
CONCRETE CRACK AND SEAT.....DHT-07	CONGESTION INDICES,FREEWAY.....0-205	COST ALLOCATION,HIGHWAY.....0-362
CONCRETE CREEP,LITEWEIGHT....RP-07(02)	CONGESTION,URBAN.....1-1252	COST ALLOCATION,HIGHWAY.....0-390
CONCRETE CREEP/SHRINKAGE.....0-170	CONGESTION,FREEWAY.....0-1252	COST ALLOCATION,PROCEED.....7-1937
CONCRETE CURING.....0-427	CONGESTION,FREEWAY TRAFF.....SS 05.02	COST DUE TO CONGESTION.....0-1252
CONCRETE CURING.....RP-19(02)	CONNECTORS FOR CONCRETE.....0-76	COST ESTIM.,CONSTRUCTION.....0-214
CONCRETE DECK CASTING.....9-576	CONNECTORS,BENT CAP-PIER.....0-1302	COST ESTIMATION MODEL.....7-998
CONCRETE DESIGN,INTERSECT.....0-1385	CONSOLIDATION OF CONCRETE.....0-341	COST RESPONSIBILITY.....7-974
CONCRETE DESIGN,LITEWT.....RP-07(01)	CONSTRUCTABILITY-HWY PROJ.....0-1149	COST-EFFECTIVENESS,SAFETY.....0-15
CONCRETE DURABILITY.....0-1117	CONSTRUCTION & ENVIRONMNT.....7-1943	COUNTY ROAD REHABILITAT.....0-278
CONCRETE FINISHES.....0-141	CONSTRUCTION BID PRICES.....0-43	COURTESY PATROLS.....7-1922
CONCRETE HANDLING PRACTIC.....0-141	CONSTRUCTION CLAIMS.....7-966	COURTESY PATROLS.....0-165
CONCRETE OVERLAY DEBOND.....7-1920	CONSTRUCTION ESTIMATING.....7-1079	CRACK AND SEAT OF PCC.....DHT-07
CONCRETE OVERLAY,THINBOND.....7-920	CONSTRUCTION EXPENDITURES.....0-1106	CRACK DETECTION.....0-256
CONCRETE OVERLAY,THINBOND.....7-920	CONSTRUCTION FUND ALLOC.....0-337	CRACK LOCATION VIA LASER.....0-1141
CONCRETE PAVEMENT.....0-46	CONSTRUCTION LANDSCAPING.....7-944	CRACK REPAIR W/ROLL-ROOF.....SS 15.14
CONCRETE PAVEMENT CONSOL.....0-341	CONSTRUCTION MANAGEMENT.....7-922	CRACK RETARDATION MATLS.....EP606-03
CONCRETE PAVEMENT CURING.....0-1118	CONSTRUCTION METHODS.....0-308	CRACK SEALING IN PCC.....0-385
CONCRETE PAVEMENT DESIGN.....0-401	CONSTRUCTION ON TRAFFIC.....0-1108	CRACK SEALING PLOW ATTACH.....T2-3.3
CONCRETE PAVEMENT DESIGN.....0-459	CONSTRUCTION PAVE. CONTRL.....7-1916	CRACK TREAT. W/INTERLAYER....EP606-13
CONCRETE PAVEMENT DESIGN.....0-1169	CONSTRUCTION PROJ RANKING.....0-337	CRACK WIDTH AT BARS.....0-102
CONCRETE PAVEMENT GROOVE.....SS 08.00	CONSTRUCTION PROJECT TIME.....0-1262	CRACK WIDTH STUDY.....0-112
CONCRETE PROPERTIES,EARLY....RP-19(01)	CONSTRUCTION PROJECTS.....0-488	CRACK-AND-SEAT ON IH45.....7-1940
CONCRETE PVMT AGGREGATE.....0-422	CONSTRUCTION QUALITY CONT.....9-535	CRACKING IN FILLS.....0-1214
CONCRETE QUALITY.....0-141	CONSTRUCTION,QUALITY CONT.....0-122	CRACKING OF PAVEMENT.....0-18
CONCRETE QUALITY CONTROL.....0-1119	CONSTRUCTION-CALIB. FACIL.....7-1956	CRACKING,ASPHALT,PREDIC.....0-207
CONCRETE REPAIR MATERIALS.....0-311	CONSTRUCTION/PAVEMENTS.....0-1227	CRACKING,FACTORS ON.....0-287
CONCRETE REPAIR W/POLYMER....EP614-01	CONSULTANT ENGINEER USE.....7-941	CRACKING,THERMAL.....0-284
CONCRETE SLAB BRIDGE.....0-94	CONSULTANT USE.....0-1101	CRACKING,THERMAL.....0-123
CONCRETE STRENGTH.....0-371	CONSULTANTS FOR ENGINEERI.....0-392	CRACKS IN SOILS.....0-187
CONCRETE STRENGTH MEAS.....0-1198	CONSULTANTS,ENGINEERING.....0-1100	CRACKS ON BEAMS.....0-198
CONCRETE TEST FACILITY.....0-1218	CONSULTING ENGINEERS.....0-1102	CRASH CUSHION CRASHES.....0-223
CONCRETE TEXTURE.....0-369	CONTRACT MAINTENANCE.....0-380	CRASH CUSHION TESTS.....0-146
CONCRETE VIBRATION.....0-128	CONTRAFLOW LANE EVAL.....0-210	CRASH CUSHION,LOW-MAINT.....0-453
CONCRETE WITH FLY ASH.....0-481	CONTRAFLOW LANES.....0-205	CRASH CUSHION,TRUCK-MOUNT.....7-991
CONCRETE WITH FLY ASH.....0-364	CONTROL EXTENSION.....0-93	CRASH CUSHIONS,PLASTIC.....9-514
CONCRETE WITH FLY ASH.....0-450	CONTROLLED ACCESS FREEWAY.....0-65	CRASH TEST,TRAFFIC DEVICE.....7-1949
CONCRETE,ACP OVERLAYS ON.....0-452	CORPORATIONS,TRANSPORT.....0-1270	CRASH TESTING D-8.....7-1949

- KEYWORD INDEX -

CRASH TESTING FOR D-8.....7-990	DEFLECTOMETER TESTING.....0-1184	DRILLED SHAFT,SHORT.....0-415
CRASH-CUSHION TRAILER.....0-146	DEFLECTOMETER,FALLING WT.....0-437	DRILLED SHAFTS.....0-176
CRCP BOND STRESSES.....0-1174	DEFLECTOMETER,FALLING-WT.....0-256	DRILLED SHAFTS FOR WALL.....0-211
CRCP EARLY SERVICE LIFE.....NY 62-4	DEFLECTOMETER,FALLING-WT.....0-460	DRINKING AND DRIVING.....7-1907
CRCP MECHANISTIC ANAL.....0-1169	DEFLECTOMETER,FALLING-WT.....0-387	DRIVER ALERTNESS.....0-1257
CRCP PERFORMANCE.....0-46	DELAMINATION DETECT. DEMO.....9-507	DRIVER BEHAVIOR/LANE WIDE....RP-05(02)
CRCP REPAIR.....SS 07.00	DELAMINATION DETECTOR.....0-130	DRIVER BEHAVIOR/RAMP DES....RP-16(02)
CRCP REPAIR,VALUE ENGR.....9-532	DELAMINATION OF OVERLAY.....7-1920	DRIVER COMMUN. RAPID.....9-539
CRCP STEEL REINFORCEMENT.....0-422	DELAY AT RAMPS.....0-402	DRIVER COMMUN. REAL TIME.....9-540
CRCP STRESSES.....0-371	DELAY OPTIM. PASSER II-80.....0-375	DRIVER COMMUN. W/DELINEAT....SS 12.01
CRCP STRUCTURAL FAILURES.....SS 01.01	DELINEATION AT CURVES.....0-1145	DRIVER COMMUNICATION.....0-232
CRCP SURVEY IN TEXAS.....0-21	DELINEATION OF GORES.....0-408	DRIVER COMMUNICATION.....0-1292
CRCP TINE FINISH.....EP623-01	DELINEATION OF ROADWAY.....SS 12.01	DRIVER COMMUNICATION.....0-1261
CRCP,STRESSES IN.....NY 62-1	DELINEATION SIGNING.....0-19	DRIVER COMMUNICATION.....7-957
CRCP,TERMINAL MOVEMENT.....0-39	DELINEATOR POST TEST.....0-264	DRIVER COMMUNICATION.....7-1950
CREEP IN CONCRETE STRUCT.....0-69	DELINEATORS,ALTERNATIVES.....0-1145	DRIVER RESPONSE TO TRAFF.....0-1216
CROSS SECTIONS,SEVEN-LANE.....0-1293	DELINEATORS,POST & CABLE.....T2-3.1	DRIVER SURVEY,FREEWAY.....0-1242
CULVERT END TREATMENT.....0-280	DENSITY DEVICE,ASPH. CON.....9-552	DRIVER TENSION.....0-5
CULVERT ENERGY DISSIPATOR.....0-92	DENSITY GAUGE,ASPHALT.....DHT-02	DRIVER,MODEL OF.....0-140
CULVERT ENERGY DISSIPATOR.....0-116	DENSITY GAUGE,ASPHALT.....SS 06.00	DRUM MIX ASPHALT MIX.....0-366
CULVERT GRATES.....EP620-01	DESIGN STANDARDS TESTING.....7-990	DRUM MIX PLANTS.....0-440
CULVERT GRATES,SLOPING.....0-140	DESIGN SYSTEM,FLEX PVMT.....0-455	DRUM MIXERS.....0-358
CULVERT PERFORMANCE.....0-92	DESIGN, HORIZONTAL CURVES.....7-1949	DRUM-MIX PLANT,FUELS.....DHT-03
CULVERT TREATMENTS.....0-225	DEVIATOR,BRIDGE WITH.....0-365	DRYER-DRUM ASPHALT MIX.....SS 15.08
CULVERT,BEED ARCH.....7-932	DIAMOND INTERCHANGE CAPAC....RP-16(06)	DRYER-DRUM ASPHALT MIXES.....0-183
CULVERT,EARTH PRESSURE ON.....0-294	DIAMOND INTERCHANGE CNTRL.....0-1148	DRYER-DRUM HMAC.....0-285
CULVERTS W/ SAFETY GRATES.....0-301	DIAMOND INTERCHANGE CONTR.....0-344	DUMP TRUCK TRANSMISSIONS.....7-979
CULVERTS,BOX.....0-326	DIAMOND INTERCHANGE DES....RP-16(05)	DUST,ROADWAY.....9-528
CULVERTS,SLOPED ENDS.....0-407	DIAMOND INTERCHANGES.....0-423	DYNAFLECT.....0-437
CURB INLETS,HYDRAULICS.....0-1267	DIAMOND INTERCHANGES.....0-443	DYNAFLECT CALIBRATION.....0-187
CURB,CRASH TEST.....0-140	DIAMOND INTERCHANGES.....0-478	DYNAFLECT MEAS.,RIGID PVM.....0-249
CURING COMPOUND.....0-427	DIAMOND RAMP DESIGN.....0-335	DYNAFLECT VIS-A-VIS FWD.....0-256
CURING COMPOUNDS.....0-1118	DIAPHRAGMS IN BRIDGES.....0-158	DYNAMIC LOADING OF HWYS.....0-108
CURING,CONCRETE.....RP-19(02)	DISADVANTAGED BUSINESS.....7-952	DYNAMIC LOADING,PAVEMENT.....0-32
CURVE DESIGN.....0-134	DISPOSAL METHODS FOR GIWW.....0-1194	EARTH PRESSURE ON WALL.....0-236
CURVED STEEL GIRDER.....0-360	DISTRICT 14/IH35 DESIGN.....7-1953	EARTH PRESSURES ON CLVRT.....0-294
CURVES,DELINEATION AT.....0-1145	DRAINAGE COEFF. FOR PVMTS.....0-1169	EARTH SLOPE STABILITY.....0-353
CUTBACK ASPHALT.....0-214	DRAINAGE DESIGN,PVMT.....0-1173	EARTH SLOPES,SLIDES IN.....0-435
DATABASE,RURAL TRANSPORT.....7-1990	DRAINAGE STRUCT. MAINT.....9-568	EARTHWORK QUANTITIES EST.....0-38
DATABASES,COMPARISON OF.....0-1217	DRAINAGE STRUCTURE DESIGN.....0-192	ECONOMIC BASE INFORMATION.....0-64
DBE'S IN CONSTRUCTION.....7-952	DRAINAGE STUDIES.....0-85	ECONOMIC CONDITION.....0-214
DEFLECTION EVAL OF PVMTS.....SS 01.00	DRAINAGE,AT BRIDGES.....0-314	ECONOMIC DEVEL. DHT ROLE.....0-1228
DEFLECTION MEASUREMENT.....0-162	DRAINAGE,HYDROLOGIC TECHN.....0-1301	ECONOMIC DEVELOPMENT.....0-1282
DEFLECTION MEASUREMENTS.....0-207	DRAINAGE,PAVEMENT.....0-138	ECONOMIC DEVL/FRONTAGE RD.....0-66
DEFLECTION MEASURING.....0-355	DRAINS,BRIDGE,HYDRAULICS.....0-1267	ECONOMIC EFFECTS OF TRUCK.....0-231
DEFLECTION,EQUATION,PVMT.....0-207	DREDGING OF GIWW.....0-1194	ECONOMIC EVAL. MODEL.....0-225
DEFLECTION,PAVEMENT.....0-101	DRILLED SHAFT BEHAVIOR.....0-89	ECONOMIC GROWTH VS CONST.....0-1106
DEFLECTION,PAVEMENT.....0-32	DRILLED SHAFT CASING.....0-255	ECONOMIC IMP/AVIATION FAC.....7-1900
DEFLECTION,PAVEMENT.....7-930	DRILLED SHAFT CONSTRUCT.....SS 25.01	ECONOMIC IMPACT - SH-199.....7-1904
DEFLECTIONS,FLEXIBLE PVMT.....0-136	DRILLED SHAFT DESIGN.....0-308	ECONOMIC IMPACT OF CONSTR.....0-1106
DEFLECTIONS,RIGID PVMT.....0-249	DRILLED SHAFT EVAL.....0-257	ECONOMIC IMPACT US-287.....7-1915
DEFLECTOMETER CALIBRATION.....7-913	DRILLED SHAFT FOOTINGS.....0-105	ECONOMIC IMPACT,BYPASS.....0-1247
DEFLECTOMETER DATA.....0-1175	DRILLED SHAFT FOUNDATIONS.....0-244	ECONOMIC IMPACT,IH SYSTEM.....0-4
DEFLECTOMETER DATA.....0-1215	DRILLED SHAFT SLURRY.....0-351	ECONOMIC IMPACT,ROW.....0-58
DEFLECTOMETER MEAS.....0-1123	DRILLED SHAFT SLURRY DISP.....9-536	ECONOMIC IMPACT,WIDENING.....0-1260

- KEYWORD INDEX -

ECONOMICS IN HIWAY DESIGN.....	0-225	EROSION CONTROL,VEGETAT.....	7-1914	FLAGGER IN WORK ZONES.....	0-495
ECONOMICS IN HWY PLANNING.....	0-148	EVACUATION,TRAFFIC MANAG.....	0-1231	FLAGGER SAFETY.....	0-406
ECONOMICS OF TRANSPORT.....	0-227	EVALUATION OF PROJECT.....	0-498	FLAGGER SIGNALS.....	0-228
ECONOMY,ENGINEERING.....	0-214	EXPANSIVE CEMENT BASE.....	EP609-01	FLAGGING ALTERNATIVES.....	0-406
EDGE TREATMENT,PAVEMENT.....	EP610-01	EXPANSIVE CONCRETE SLAB.....	EP626-01	FLEXIBLE BASE DENSITY.....	NY 63-2
ELASTOMERIC BEARINGS.....	0-1304	EXPRESSWAY ACCESS,US-83.....	7-907	FLEXIBLE BASE SPECS.....	0-48
ELASTOMERS IN ASPHALT.....	0-180	EXPRESSWAY ACCESS,US-83.....	7-962	FLEXIBLE PAVE. DATA BASE.....	0-187
ELDERLY,TRANSP FOR.....	7-1055	EXPRESSWAY PROJECT US-75.....	7-929	FLEXIBLE PAVEMENT.....	0-57
ELDERLY,TRANSP FOR.....	7-1056	EXPRESSWAY STUDY,US83.....	7-1935	FLEXIBLE PAVEMENT BINDER.....	0-127
ELECTRICITY FROM WIND.....	9-545	EXPRESSWAY USE SURVEY.....	0-1242	FLEXIBLE PAVEMENT DEFLECT.....	0-136
EMBANKMENT ACCIDENT TEST.....	0-140	EXPRESSWAYS,DESIGN OF.....	RP-09(01)	FLEXIBLE PAVEMENT DESIGN.....	0-123
EMBANKMENT DESIGN.....	0-446	EXPRESSWAYS,DESIGN OF.....	RP-09(02)	FLEXIBLE PAVEMENT DESIGN.....	0-455
EMBANKMENT DESIGN.....	0-1195	EXTERNAL TENDON BONDING.....	0-1209	FLEXIBLE PAVEMENT DESIGN.....	0-32
EMBANKMENT DESIGN.....	7-927	FABRIC CRACK RETARDATION.....	EP606-02	FLEXIBLE PAVEMENT DESIGN.....	0-476
EMBANKMENT DESIGN US-87.....	7-901	FABRIC CRACK RETARDATION.....	EP606-03	FLEXIBLE PAVEMENT DTBASE.....	0-456
EMBANKMENT SLOPE STABIL.....	0-436	FABRIC TEST SECTIONS.....	0-433	FLEXIBLE PAVEMENT FAILURE.....	0-214
EMBANKMENT SOIL STABIL.....	9-566	FABRIC TEST SECTIONS.....	0-187	FLEXIBLE PAVEMENT IN COLD.....	0-129
EMBANKMENT VEGETATION.....	EP634-01	FABRIC UNDERSEAL.....	EP606-05	FLEXIBLE PAVEMENT LOADING.....	0-386
EMERGENCIES,TRAFFIC MANAG.....	0-1231	FABRIC UNDERSEAL.....	EP606-07	FLEXIBLE PAVEMENT REHAB.....	0-207
EMERGENCY CALL BOX.....	0-132	FABRIC UNDERSEAL,POLYMER.....	EP606-09	FLEXIBLE PAVEMENT SYSTEM.....	0-1287
EMISSION ESTIMATION.....	0-282	FABRIC UNDERSEAL,POLYMER.....	EP606-10	FLEXIBLE PAVEMENT,THIN.....	0-345
EMISSIONS AT INTERSECT.....	0-250	FABRIC UNDERSEAL,POLYMER.....	EP606-11	FLEXIBLE PAVEMENTS.....	7-930
EMISSIONS FROM ROADWAY.....	0-283	FABRIC UNDERSEALS.....	0-261	FLEXIBLE PAVMENT DATA BASE.....	0-284
EMPLOYMENT IMPACTS.....	7-1915	FABRICS UNDER BASES.....	0-414	FLEXIBLE PVMT DATA BASE.....	0-409
EMPLOYMENT,CONST. EFFECT.....	0-1106	FALLING WEIGHT.....	0-460	FLEXIBLE PVMT DEFORM.....	0-452
EMULSIFIED ASPH SEAL COAT.....	9-543	FALLING WEIGHT DEFLECT.....	0-1215	FLEXIBLE PVMT. DEFORMAT.....	0-284
EMULSIFIED BLACK BASE.....	EP617-01	FALLING WT. DEFLECTOMETER.....	7-1956	FLEXIBLE PVMT. PERFORM.....	0-284
EMULSION FOR SEAL COATS.....	0-1157	FALLING-WEIGHT DEFLECTOM.....	0-256	FLEXIBLE PVMTS.,SRVCE LFE.....	0-325
EMULSION SUBSTITUTION.....	0-214	FALLING-WEIGHT DEFLECTOM.....	0-1123	FLEXURAL STRENGTH TESTING.....	0-432
EMULSION-TREATED BASES.....	0-41	FALLING-WEIGHT DEFLECTOM.....	0-1175	FLOOD PEAKS OF STREAMS.....	0-85
END TREATMENT FOR BARRIER.....	0-296	FALLING-WEIGHT DEFLECTOM.....	0-387	FLUSHING ASPHALT SURFACES.....	0-214
END TREATMENT SIGNING.....	0-19	FALLING-WEIGHT DEFLECTOM.....	0-437	FLY ASH ANALYSIS.....	0-240
END TREATMENT,BARRIER.....	0-346	FARM,ROW EFFECTS ON.....	0-58	FLY ASH BASE.....	OHT-17
END TREATMENT,BARRIER.....	0-262	FARM-TO-MARKET LOADING.....	0-473	FLY ASH CONCRETE.....	0-481
END TREATMENT,CULVERT.....	0-280	FATIGUE LIFE.....	0-464	FLY ASH CONCRETE.....	0-450
END TREATMENT,GUARDRAIL.....	0-404	FENCE ATTENUATOR.....	0-146	FLY ASH IN CONCRETE.....	0-364
END-RESULT ACCEPTANCE.....	0-1168	FERRY OPERATIONS.....	7-1930	FLY ASH REPAIR OF ASPHALT.....	0-359
ENERGY ABSORBING RAIL.....	0-417	FIBER OVERLAY.....	SS 09.01	FLY ASH SLURRY.....	9-566
ENERGY AND TEXAS TRANSP.....	7-1059	FIBER-CONCRETE OVERLAY.....	EP606-01	FLY-ASH CEMENT STABILIZE.....	EP628-02
ENERGY FOR REST AREAS.....	0-442	FIBER-REINF. REPAIR MATL.....	0-311	FLYOVERS,USE OF.....	0-376
ENERGY IN CONSTRUCTION.....	0-214	FIBERGLASS ON PAVEMENT.....	EP608-01	FM REHAB BY RECYCLING.....	EP613-02
ENERGY PLAN,NATIONAL.....	0-191	FIBERS IN ASPHALT.....	0-319	FM SYSTEM LOAD ZONING.....	0-1132
ENERGY-SAVING PAVE. MAINT.....	0-204	FIBERS,CHOPPED,ASPHALT.....	9-564	FOAMED ASPHALT.....	0-235
ENGINEERING-ECONOMY.....	0-214	FIELD PERFORMANCE.....	0-458	FOAMED ASPHALT.....	0-252
ENVIRONMENT,MAINT. EFFECT.....	7-1933	FILLERS IN HMAC.....	0-285	FOG SEAL EFFECTIVE.....	0-1156
ENVIRONMENTAL FACTORS.....	0-217	FILLS,COMPACTED.....	0-1195	FOOD TRANSPORTATION.....	RP-02(04)
ENVIRONMENTAL IMPACT.....	7-1943	FILLS,CRACKS IN.....	0-1214	FOOD TRANSPORTATION.....	RP-02(05)
ENVIRONMENTAL IMPACTS.....	7-1900	FINANCIAL MANAGEMENT.....	0-87	FOOTINGS,DESIGN OF.....	0-105
ENVIRONMENTAL ISSUES.....	0-148	FINANCIAL NEEDS OF CITIES.....	0-1307	FORM ANCHORS IN GIRDERS.....	0-1171
EPOXY JOINTING OF CONCR.....	0-121	FINANCING PUBLIC TRANSP.....	7-1057	FORMS,STEEL DECK.....	9-576
EPOXY-COAT REINFORCEMENT.....	0-1181	FINANCING STRATEGIES,HWY.....	0-1277	FOUNDATION ANALYSIS.....	0-117
EPOXY-COATED REBARS.....	0-1265	FINISHES,PAVEMENT.....	0-187	FOUNDATION LOAD TEST.....	9-521
EQUIPMENT MANAGEMENT.....	0-84	FIRE ANT DAMAGE TO SIGNAL.....	0-1135	FOUNDATIONS DES. OF MINOR.....	9-506
EQUIPMENT MANAGEMENT.....	0-109	FIRE DAMAGE,CONCR. PAVE.....	7-1948	FOUNDATIONS DESIGN.....	0-340
EROSION CONTRDL.....	0-67	FIVE-CYCLE MSS TEST.....	0-1222	FOUNDATIONS,DRILLED SHAFT.....	0-244

- KEYWORD INDEX -

FOUNDATIONS,RAILROAD.....0-483	FRONTAGE RD. 2-WAY/1-WAY.....0-288	GIWW USER CHARGES.....7-1068
FOUR-CYCLE MAGNESIUM TEST.....0-438	FRONTAGE ROAD OPERATION.....0-288	GORE AREAS,DELINEATION.....0-408
FRAME ANALYSIS,BRIDGE.....0-1183	FRONTAGE ROAD SERVICE.....0-178	GPS SATELLITE.....7-1952
FRAMES,STRUCTURAL.....0-56	FRONTAGE ROAD TRUCK LANE.....0-393	GRADE CROSSINGS.....0-483
FREEWAY ACCESS VIOLATIONS.....0-65	FRONTAGE ROAD,IVS 2 WAY.....0-402	GRADE-SEPARATED RAMPS.....0-376
FREEWAY ACCIDENT ANALYSIS...RP-16(01)	FRONTAGE ROADS ON ECNMICS.....0-66	GRADES,SPEED ON.....0-20
FREEWAY ACCIDENT ANALYSIS...RP-16(07)	FRONTAGE ROADS,DESIGN.....NY 62-3	GRAFFITI.....DHT-08
FREEWAY ACCIDENT DETECT.....0-210	FROZEN BASE COURSES.....0-207	GRANULAR MATERIALS,STRESS.....0-27
FREEWAY COMMUNICATIONS.....0-139	FUEL CONSUMPTION TRENDS.....7-1059	GRANULAR MATERIALS,STRESS.....0-99
FREEWAY COMMUNICATIONS.....7-1931	FUEL IN DRUM-MIX PLANT.....DHT-03	GRAPHICS,ANIMATED.....0-1133
FREEWAY CONGESTION.....0-24	FUEL USE AT INTERSECT.....0-250	GRASS CONTROL,ROADSIDE.....7-902
FREEWAY CONGESTION.....0-1252	FUELS,ALTERNATIVE.....7-983	GRATES FOR EXIST. CULVERT....EP620-01
FREEWAY CONSTRUCTION.....0-1108	FUND ALLOCATION,MAINT.....0-239	GRATES,RETROFIT SAFETY.....9-513
FREEWAY CONTROL DEMO.....9-501	FWD CALIBRATION.....7-1956	GROOVING CONC PAVEMENT.....SS 08.00
FREEWAY CONTROL,MULTILEVL.....7-982	FWD CALIBRATION.....7-913	GROUT DEFECTS,CABLE STAYS.....0-1268
FREEWAY DATA BASE.....0-421	GASOLINE DISTRIBUTION.....RP-02(03)	GROUTING CONCRETE PAVMT....EP625-01
FREEWAY DATA COLLECTION.....0-290	GEOGRAPHIC INFO SYSTEM.....7-1928	GROUTING RIGID PAVEMENTS.....0-249
FREEWAY DES/FRONTAGE ROAD.....NY 62-3	GEOLOGIC INFO SYSTEM.....7-930	GROUTING TENDONS.....0-463
FREEWAY DESIGN FACTORS.....0-148	GEOLOGIC INFORMATION.....0-63	GUARDFENCE DESIGN.....0-1147
FREEWAY EVALUATION.....0-281	GEDMEMBRANE EVAL.....DHT-18	GUARDFENCE,METAL BEAM.....0-146
FREEWAY GUIDE SIGNING.....0-220	GEOMETRIC DES. RURAL RD.....0-1125	GUARDRAIL END TREATMENT.....0-189
FREEWAY HOV PROJECTS.....7-925	GEOMETRIC OESIGN FOR TRU.....0-241	GUARDRAIL END TREATMENT.....0-404
FREEWAY IMPROVEMENTS.....7-954	GEOMETRIC DESIGN STANDARD.....0-134	GUARDRAIL MAINTENANCE.....0-380
FREEWAY INCIDENT MANAG.....0-1188	GILSONITE ADDITIVE/ASPHAL.....DHT-22	GUARDRAIL MAINTENANCE.....9-568
FREEWAY INTERCHANGE.....0-1232	GIRDER ANCHORAGE ZONE.....0-208	GUARDRAIL NEED,EMBANKMENT.....0-140
FREEWAY LANE SIGNALS.....0-1298	GIRDER DEFLECTION TESTING.....7-921	GUARDRAIL POST,RUBBER.....0-1316
FREEWAY MANAGEMENT,GIS.....7-1928	GIRDER STRAND DEBONDING.....0-1210	GUARDRAIL POSTS,BEHAVIOR.....0-343
FREEWAY MODIF. /TRAFFIC.....9-517	GIRDER WEBS,FATIGUE.....0-77	GUARDRAIL,W-BEAM.....0-1147
FREEWAY NOISE STUDY.....SS 05.04	GIRDER,BOX.....0-194	GUARDRAIL-BRIDGE RAIL CON.....9-548
FREEWAY OPERATIONS.....0-210	GIRDER,CONCRETE.....0-94	GUARDRAIL/BRIDGERAIL.....0-461
FREEWAY PATROLS.....7-1922	GIRDER,CONTINUOUS TWIN.....0-247	GUARDRAILS ON CULVERTS.....0-405
FREEWAY SIGNAL TIMING.....0-1271	GIRDER,CURVED STEEL.....0-360	GULF INTERCOASTAL WTRWAY.....0-1283
FREEWAY SURVEILLANCE.....0-202	GIRDER,PRESTRESSED.....0-149	GULF INTRACOAST. WATERWAY.....0-1194
FREEWAY SURVEILLANCE.....7-1931	GIRDER,PRESTRESSED,STRESS.....0-150	GULF INTRACOASTAL WTRWAY.....0-1309
FREEWAY SURVEILLANCE DS-2.....7-1950	GIRDER,PRETENSIONE0.....0-1127	GYPSTUM STABILIZED BASE.....DHT-11
FREEWAY TRAFFIC CAPACITY.....0-1196	GIRDER,SEGMENTAL.....0-365	HANDICAPPED,TRANS FOR.....7-1055
FREEWAY TRAFFIC CONGEST.....SS 05.02	GIRDER,SPINE-WING BOX.....7-915	HANDICAPPED,TRANSP FOR.....7-1056
FREEWAY TRAFFIC CONTROL.....0-139	GIRDERS UNDER SHEAR.....0-97	HBB9 SAFETY DEVICES.....0-482
FREEWAY TRAFFIC MANAGEMNT.....0-165	GIROERS,BOX.....0-1234	HEATED BRIDGE DECKS.....0-72
FREEWAY TRAFFIC OPER.....0-24	GIRDERS,CONCRETE FLY-ASH.....0-481	HEATER-PLANER PVMT REHAB....EP618-01
FREEWAY TRAFFIC OPERATION...RP-16(09)	GIRDERS,FATIGUE STRENGTH.....0-96	HEATER-PLANER RECYCLING.....EP618-03
FREEWAY TRAFFIC VOLUMES.....SS 05.00	GIRDERS,FORM ANCHORS IN.....0-1171	HEATER-PLANER SPRINK. TRT....EP618-02
FREEWAY TRAFFIC,RAMP EFF.....0-59	GIRDERS,HIGH-STRENGTH.....0-381	HEAVE CONTROL IN PAVEMENT...SS 10.02
FREEWAY USE STUDY.....0-1242	GIRDERS,HYBRID PLATE.....0-96	HEEM.....0-225
FREEWAY,PRIORITY USE.....0-205	GIRDERS,PLANE CURVED.....0-56	HEEM-II BENEFIT COST.....0-1128
FREEZE-THAW PEDISTAL TEST.....0-253	GIRDERS,PRECAST BDX.....0-206	HERBICIDE COSTS.....0-380
FREEZE/THAW CONCRETE.....0-81	GIRDERS,PRESTRESSED.....0-300	HERBICIDE USE.....0-67
FREIGHT EXPENDITURES.....0-268	GIRDERS,PRESTRESSED.....0-465	HERBICIDE USE.....0-142
FREIGHT TRANSPORTATION.....RP-02(02)	GIRDERS,REINFORCEMENT FOR.....0-196	HIGH LOAD DETECTION.....0-202
FRICTION TESTER CALIB.....7-977	GIRDERS,REINFORCEMENT IN.....0-113	HIGH MAST LIGHTING.....0-1144
FRICTION, VEHICLE SIDE.....7-1949	GIRDER\SLAB BRIDGES.....0-115	HIGH-DENSITY CONCRETE.....EP614-04
FRICTION,PAVEMENT.....0-138	GIS-GEDGRAPHIC INFO SYST.....7-1928	HIGH-MAST ILLUMINATION.....SS 22.01
FRICTION,PAVEMENT.....0-163	GIWW CLOSURE EFFECTS.....0-1283	HIGH-MAST LIGHTING.....0-75
FRICTION,PAVEMENT.....0-490	GIWW DISPOSAL METHODS.....0-1194	HIGH-OCCUPANCY LANES.....0-1146
FRIENDLY MODEL WORKSHOP.....7-939	GIWW SEAGRASS SEEDING.....0-1309	HIGH-OCCUPANCY LANES.....0-484

- KEYWORD INDEX -

HIGH-OCCUPANCY VEHICLE.....7-925	HOT-MIX,SYNTHETIC AGGREG.....0-51	INJURIES,PREVENTING BACK.....T2-4.1
HIGH-OCCUPANCY VEHICLE.....7-905	HOT-WEATHER CONCRETING.....0-481	INLETS,HYDRAULICS OF.....0-1267
HIGH-OCCUPANCY VEHICLE.....7-973	HOV EVALUATION IN HEEM.....0-225	INSOLUBLE RESIDUE TEST.....0-126
HIGH-OCCUPANCY VEHICLES.....0-339	HOV FACILITIES.....0-425	INSULATION OF DECKS.....0-62
HIGH-OCCUPANCY VEHICLES.....0-205	HOV FACILITIES.....7-905	INTELLIGENT VEHICLE PROJ.....7-976
HIGH-RISK ACCIDENT LOCAT.....0-490	HOV FACILITY DS-14.....7-973	INTELLIGENT VEHICLE TECH.....0-1245
HIGH-SPEED RAIL ON ROW.....0-418	HOV LANE DEMAND MODEL.....0-1103	INTERACTIVE GRAPHIC DES.....0-1241
HIGH-STRENGTH CONCRETE.....0-367	HOV LANES.....0-1146	INTERACTIVE GRAPHIC DESGN.....9-520
HIGH-STRENGTH CONCRETE.....0-381	HOV LANES ON KATY FREEWAY.....0-484	INTERACTIVE GRAPHIC DESIG.....0-1139
HIGH-STRENGTH CONCRETE.....0-315	HOV ON ARTERIALS.....0-205	INTERACTIVE GRAPHICS.....0-487
HIGHWAY ACCESS,TRUCK.....0-336	HOV ON FREEWAYS.....0-205	INTERACTIVE GRAPHICS.....0-1308
HIGHWAY CAPACITY ANALYSIS.....SS 05.01	HOV PRIORITY ENFORCEMENT.....0-410	INTERCHANGE ANALYSIS I-35.....7-956
HIGHWAY CLASSIFICATION.....0-124	HOV PRIORITY,FREEWAY.....0-339	INTERCHANGE CAPACITY.....RP-16(06)
HIGHWAY DESIGN PROCEDURES.....7-942	HOW PROJECTS,FREEWAY.....7-925	INTERCHANGE DESIGN.....0-335
HIGHWAY DESIGN,ECONOMICS.....0-225	HPMS EVALUATION.....0-480	INTERCHANGE DESIGN.....RP-16(05)
HIGHWAY ECONOMIC EVAL.MOD.....0-225	HPMS FOR TEXAS.....0-1115	INTERCHANGE GEOMETRY.....0-1232
HIGHWAY ENGINEERING.....0-1100	HUMAN SERVICES TRANSP.....7-1063	INTERCHANGE RANKING.....0-1105
HIGHWAY FINANCING.....0-1277	HUMAN SERVICES TRANSP.....7-1065	INTERCHANGE SPACING.....0-6
HIGHWAY IMPROVEMENT US-28.....7-1915	HYDRALICS MODELLING.....9-515	INTERCHANGE STUDY,LAREDO.....7-1927
HIGHWAY INVEST/ECONOMY.....0-1228	HYDRAULICS-RECESSED INLET.....0-1267	INTERCHANGE,ARLINGTON.....7-970
HIGHWAY LOADING,DYNAMIC.....0-108	HYDROLOGIC INVESTIGATION.....0-85	INTERCHANGE,ARTERIAL.....0-1237
HIGHWAY NETWORK DATABASE.....0-329	HYDROLOGIC TECHNIQUES.....0-1301	INTERCHANGE,DIAMOND.....0-344
HIGHWAY PERF. MONIT. SYS.....0-1115	HYOROPLANING PREVENTION.....0-147	INTERCHANGE,DIAMOND.....7-970
HIGHWAY PERFORM. MONIT.....0-480	I-BEAM BRIDGE.....RP-10(02)	INTERCHANGE,TRANSITWAY.....0-1113
HIGHWAY PLANNING-DIST 14.....7-993	ICING OF BRIDGE DECKS.....0-72	INTERCHANGE,TRUCKS ON.....0-447
HIGHWAY PRIVITIZATION.....0-1281	ICING OF DECKS.....0-62	INTERCHANGES,DIAMOND.....0-1148
HIGHWAY PROJECT EVLUATION.....0-327	IGRDS DESIGN PROG.....0-1241	INTERCHANGES,DIAMOND.....0-423
HIGHWAY PROJECTS/PROGRAMS.....0-488	IGRDS ROADWAY DESIGN.....9-520	INTERCHANGES,DIAMOND.....0-443
HIGHWAY WELCOME CENTERS.....0-1299	IH 35 DESIGN ANALYSIS.....7-1953	INTERLAYER TO STOP CRACKS.....EP606-13
HIGHWAY WIDENING.....0-1260	ILLUMINATION STANDARDS.....0-75	INTERNATIONAL RELATIONS.....1-5
HIGHWAY WIDENING.....7-968	ILLUMINATION,HIGH-MAST.....SS 22.01	INTERNATIONAL TRUCK TRAFF.....1-2034
HIGHWAY-TRANSIT CO-DEVEL.....0-1206	ILLUMINATION,HIGHWAY.....0-1144	INTERSECTION ANIMATION.....0-1133
HISTORY OF HIGHWAY DEPT.....DHT-01	ILLUMINATION,INTERSECTION.....0-5	INTERSECTION CAPACITY.....0-30
HMAC DESIGN GUIDELINES.....SS 15.07	ILLUMINATION,LUMINAIRES.....7-949	INTERSECTION CONCRETE DES.....0-1385
HMAC DESIGN,WEIGHT/RATIO.....SS 15.06	ILLUMINATION,ROADWAY.....0-137	INTERSECTION DESIGN.....0-1308
HMAC DETERIORATION INVEST.....SS 15.12	IMAGERY FOR DS-17.....7-1990	INTERSECTION DESIGN SYS.....0-1139
HMAC FIELD DATA.....0-1197	IMAGERY FOR HWY-288.....7-1990	INTERSECTION LIGHTING.....0-5
HMAC QUALITY CONTROL.....0-1116	IMAGERY FOR HWY-71.....7-1990	INTERSECTION MODELING.....0-184
HMAC SPECIFIC.....0-1168	IMAGERY FOR I-610W.....7-1990	INTERSECTION PAVEMENT.....7-960
HMAC SURFACES,AGGREGATES.....0-1222	IMAGERY,VIDEO.....7-1925	INTERSECTION PAVEMENTS.....0-1172
HMAC WITH POLYMER.....EP629-02	IMPACT LOADING.....0-382	INTERSECTION SIGNALIZAT.....RP-16(04)
HORIZONTAL CURVE DESIGN.....7-1949	IMPACT TESTS,BRIDGE.....0-26	INTERSECTION TRAFF. MODEL.....0-361
HOT MIX CONSTRUCTION.....0-1197	IMPLEMENTATION,RESEARCH.....0-192	INTERSECTION TRAFF. MODEL.....0-1258
HOT MIX CRACK RETARDATION.....EP606-03	IMPLEMENTATION,RESEARCH.....0-485	INTERSECTION TRAFFIC.....0-1111
HOT MIX PAVEMENT COMPACT.....0-90	IMPLEMENTATION,RESEARCH.....0-486	INTERSECTION TRAFFIC CONT.....0-78
HOT MIX RECYCLING.....SS 15.17	IMPLEMENTATION,RESEARCH.....0-499	INTERSECTION TURNING.....0-309
HOT MIX SPECIFICATIONS.....0-345	IMPLEMENTATION,RESEARCH.....0-1200	INTERSECTION,ECON. EVAL.....0-1128
HOT MIX SPECS.....0-1168	IMPLEMENTATION,RESEARCH.....0-1201	INTERSECTIONS,SIGNALIZED.....0-203
HOT MIX WITH GILSONITE.....DHT-22	IMPLEMENTATION,RESEARCH.....0-1204	INTERSTATE AUTO TRAVELERS.....0-1299
HOT MIX WITH LRA.....SS 15.03	IMPLEMENTATION,RESEARCH.....0-1311	INTERSTATE ROW COSTS.....0-82
HOT MIX WITH POLYMER.....DHT-06	INCOME,CONSTR. EFFECTS.....0-1106	INTERSTATES,SIX LANE.....0-1152
HOT-MIX DATA CHART.....T2-3.6	INDIRECT TENSILE TEST.....0-98	INVESTMENT DECISIONS.....0-1279
HOT-MIX DESIGN.....0-3	INFRARED TRAFFIC COUNTER.....RP-21(02)	ISO-FOOTCANDLE CURVES.....0-1144
HOT-MIX FOR SURFACE TREAT.....9-503	INFRARED VEHICLE DETECT.....0-1162	ITENERANT MERCHANT ON ROW.....0-1248
HOT-MIX PAVEMENT PERF.....0-285	INFRASTRUCTURE NEEDS.....0-1221	ITINERANT MERCHANT ON ROW.....0-1191

- KEYWORD INDEX -

IVHS PROJECT.....	7-976	LIGHTING,WARRANTS FOR.....	0-214	LOW-VOLUME RURAL ROADS.....	0-1130
IVHS-INTELLIGENT VEHICLE.....	0-1245	LIGHTWEIGHT AGGREGATE.....	0-472	LRA DEVELOPMENT.....	0-1176
JOINT CLEANING IN DECKS.....	0-12	LIGHTWEIGHT AGGREGATE.....	EP603-01	LRA HOT MIX PERFORMANCE.....	SS 15.03
JOINT LOAD TRANSFER.....	0-460	LIGHTWEIGHT AGGREGATE.....	EP612-01	LRA RECYCLING WITH HEATER.....	EP618-03
JOINT SEAL OF PAVMENT.....	SS 14.01	LIGHTWEIGHT AGGREGATES.....	0-51	LUMINAIRE DESIGN.....	0-1144
JOINT SEALING IN PCC.....	0-385	LIGHTWEIGHT AGGREGATES.....	0-81	LUMINAIRE SUPPORT TEST.....	0-146
JOINTS,SEGMENTAL BRIDGE.....	0-248	LIGHTWEIGHT ASPHALT.....	0-214	LUMINAIRE SUPPORTS,IMPACT.....	0-75
KATY TRANSITWAY.....	0-484	LIGHTWEIGHT ASPHALT CONC.....	SS 15.01	LUMINAIRE WIND LOADING.....	0-1303
LABOR DISPUTES ON TRANSIT.....	7-1076	LIGHTWEIGHT CONC DESIGN.....	RP-07(01)	LUMINAIRES,HIGH-LEVEL.....	7-949
LAND ACCESSIBILITY.....	0-489	LIGHTWEIGHT CONC PRESTRES.....	RP-07(03)	LUMINAIRES,SODIUM VAPOR.....	0-273
LAND ACQUISITION.....	0-489	LIGHTWEIGHT CONC. CREEP.....	RP-07(02)	MAGNESIUM SULFATE TEST.....	0-438
LAND USE & DEV. IMPACTS.....	7-1915	LIGHTWEIGHT CONCR.,CREEP.....	0-69	MAILBOX CRASH TEST.....	0-343
LAND VALUE.....	7-1915	LIGHTWEIGHT CONCR.,STUDS.....	0-76	MAILBOX SAFETY VIDED.....	9-583
LAND VALUE CHANGES.....	0-225	LIGHTWEIGHT CONCRETE.....	0-35	MAILBOX SUPPORT TEST.....	0-370
LANDSCAPE INSPECTION.....	7-950	LIGHTWEIGHT CONCRETE.....	0-55	MAILBOX SUPPORT TEST.....	EP627-01
LANDSCAPE,CONSTRUCTION.....	7-951	LIGHTWEIGHT CONCRETE.....	RP-07(04)	MAINTENANCE COST ESTIM.....	0-239
LANDSCAPING CONSTRUCTION.....	7-944	LIGHTWEIGHT CONCRETE.....	RP-07(05)	MAINTENANCE COSTS.....	0-380
LANE CLOSURE ON FREEWAY.....	0-173	LIGHTWEIGHT HOT-MIX.....	9-503	MAINTENANCE FUND ALLOCAT.....	0-239
LANE CLOSURE TECHNIQUES.....	0-377	LIME FOR ANTI-STRIP.....	SS 24.01	MAINTENANCE FUND ESTIM.....	0-409
LANE CLOSURES,SIGHT DIST.....	0-228	LIME IN ASPHALT MIX.....	0-253	MAINTENANCE MANAGEMENT.....	0-151
LANE DISTRIB OF TRUCKS.....	0-310	LIME TREATMENT,STRIPPING.....	0-1286	MAINTENANCE MANAGEMENT.....	SS 18.00
LANE DISTRIBUTION.....	0-476	LIME-ASPHALT MIXES.....	0-441	MAINTENANCE METHODS/COSTS.....	0-151
LANE DROPS,SIGNING FOR.....	0-1292	LIME-TREATED MATLS.....	0-98	MAINTENANCE NEEDS.....	0-298
LANE SIGNALS,FREEWAY.....	0-1298	LIME/FLY ASH SLURRY.....	9-566	MAINTENANCE NEEDS.....	0-312
LANE WIDTH ON DRIVERS.....	RP-05(02)	LIMESTONE ROCK ASPHALT.....	0-1176	MAINTENANCE NEEDS,CITIES.....	0-1307
LANE-USE EFFECTS,WIDENING.....	0-225	LIMESTONE ROCK ASPHALT.....	0-214	MAINTENANCE PRIVITIZATION.....	0-1269
LANES,MEDIAN TURN.....	0-212	LINSEED OIL DECK PROT.....	9-562	MAINTENANCE RATING.....	0-199
LASERS,CRACK LOCATION.....	0-1141	LIQUIDATED DAMAGES.....	0-1310	MAINTENANCE RATING SYSTEM.....	SS 18.01
LATEX RUBBER IN ASPHALT.....	EP631-01	LITTER PICKUP COSTS.....	0-380	MAINTENANCE SAFETY DEVICE.....	9-568
LAYERED STRUCTURE,BENDING.....	0-56	LOAD EFFECTS ON PAVEMENT.....	0-1184	MAINTENANCE TABLE BOOKLET.....	T2-1.2
LEACHING PROCEDURE,NCSA.....	SS 11.07	LOAD EFFECTS ON PAVEMENTS.....	0-299	MAINTENANCE,COLD-WEATHER.....	0-129
LEFT-TURN LANE IN MEDIAN.....	0-1138	LOAD EQUIVALENCE,ASPHALT.....	0-476	MAINTENANCE,CONTRACT.....	0-380
LEFT-TURN LANES.....	0-212	LOAD LIMITS ON FM'S.....	0-473	MAINTENANCE,ENERGY-SAVING.....	0-204
LEFT-TURN LANES.....	0-250	LOAD RATING OF PAVMENTS.....	0-284	MAINTENANCE,ENVIR. IMPACT.....	7-1933
LEFT-TURN LANES, 2-WAY.....	0-1293	LOAD SIMULATION.....	0-1246	MANPOWER MANAGEMENT.....	9-535
LEFT-TURN PHASING.....	7-1906	LOAD ZONING LOW-VOL ROADS.....	0-473	MANPOWER MANAGEMENT.....	9-535
LEFT-TURN SIGNAL.....	0-258	LOAD ZONING ON FM'S.....	0-1132	MAPPING,AUTOMATED.....	0-40
LEFT-TURN SIGNAL PHASING.....	0-1256	LOAD,AXLE DN CRCP.....	0-46	MAPPING,NUMERICAL.....	0-120
LEFT-TURN SIGNAL PHASING.....	7-989	LOADING OF FLEX. PAVEMENT...RP-08(01)		MAQUILADORA INDUSTRY.....	1-2034
LENGTH-OF-NEED FOR M&BF.....	7-1949	LOADING OF HIGHWAYS.....	0-108	MARKER ADHESION.....	0-477
LEVEL-OF-SERVICE DESIGN.....	0-30	LOADING OF PAVEMENT.....	0-187	MARKER MAINTENANCE.....	0-380
LEVEL-OF-SERVICE,FREEWAY.....	0-24	LOADING OF PAVEMENTS.....	0-160	MARKER REFLECTIVITY.....	0-1151
LIBRARY RESEARCH.....	0-1	LOADING OF SIGN STRUCT.....	0-209	MARKER TAB,FLEX/REFLECTIV.....	T2-3.2
LIBRARY SUPPORT,RESEARCH.....	0-1199	LOADING THIN ASPHALT PVMT.....	0-345	MARKER TAPE CUTTING BOX.....	T2-3.4
LIFE-CYCLE MONITORING.....	0-429	LOADING,ON MAINT. NEEDS.....	0-298	MARKER,RAISED PAVEMENT.....	SS 27.00
LIFE-CYCLE MONITORING.....	0-430	LOADING,ON MAINT. NEEDS.....	0-312	MARKER,REFERENCE.....	T2-5.5
LIGHPOLES,BREAKAWAY.....	0-146	LOADING,ON REHAB. NEEDS.....	0-298	MARKER,TEMPDR.,ADHESION.....	0-349
LIGHT RAIL OPERATIONS.....	0-1278	LOADING,ON REHAB. NEEDS.....	0-312	MARKERS, RUBBER.....	0-1316
LIGHT RAIL TRANSIT.....	7-1058	LOADS OF PAVEMENTS,AASHO.....	NY 62-2	MARKERS,RAISED REFLECTIVE.....	0-322
LIGHTING OF SIGNS.....	SS 22.02	LOADS ON BRIDGES.....	0-462	MARKING MATERIAL EVAL.....	9-537
LIGHTING,HI-PRESS SODIUM.....	SS 22.03	LOADS,DYNAMIC ON PAVE.....	0-162	MARKINGS,BURNING DFF.....	9-511
LIGHTING,HIGH-MAST.....	SS 22.01	LOADS,DYNAMIC ON SLAB.....	0-266	MASS TRANSP. MARKETING.....	7-1052
LIGHTING,HIGHWAY.....	0-1144	LOOP DETECTOR INSTALL.....	0-1163	MASS TRANSPORTATION.....	0-143
LIGHTING,MERCURY VAPDR.....	0-222	LOOP IMPROVEMENTS.....	0-1106	MAT INSPECTOR'S GUIDE.....	T2-1.1
LIGHTING,ROADWAY.....	0-137	LOOP,ECONOMIC IMPACT.....	0-1247	MAT INSPECTORS GUIDE.....	OHT-14

- KEYWORD INDEX -

MATERIAL HAULING DOCUMENT.....	0-179	MOISTURE DAMAGE: ASPHALT.....	0-287	OVERLAY DESIGN, ASPHALT.....	0-101
MATERIALS, DELETERIOUS.....	0-71	MOISTURE EFF. ON ASPHALT.....	0-253	OVERLAY OF BRIDGE, POLYMER.....	7-924
MAYS METER CALIBRATION.....	0-251	MOISTURE MEASURING.....	0-37	OVERLAY THICKNESS DETERM.....	SS 01.02
MAYS METER CORRELATION.....	0-155	MOISTURE MOVEMENT, PVMTS.....	0-1165	OVERLAY WITH RUBBER SEAL.....	EP606-06
MAYS METER OPERATION.....	0-151	MOISTURE ON ASPHALT.....	0-358	OVERLAY WITH UNDERSEAL.....	EP606-05
MAYS METER PERFORMANCE.....	0-177	MOISTURE ON LOW-VOL ROADS.....	0-473	OVERLAY, ACCIDENTS ON.....	SS 15.11
MBGF LENGTH-OF-NEED CRIT.....	7-1949	MOPAC, ENVIRONMENTAL IMP.....	7-1943	OVERLAY, CONCRETE.....	EP619-02
MEDIAN BARRIER END.....	0-296	MOTORCYCLE RIDEABILITY.....	0-237	OVERLAY, CONCRETE, DEBOND.....	7-1920
MEDIAN BARRIER MAINT.....	9-568	MOTORCYCLES ON MILLED PAV.....	0-237	OVERLAY, FABRIC REINF.....	0-261
MEDIAN BARRIER TESTS.....	0-146	MOTORIST ASSISTANCE.....	7-1922	OVERLAY, FIBER.....	SS 09.01
MEDIAN BARRIER, CONCRETE.....	0-223	MOTORIST INFO SYSTEM.....	7-972	OVERLAY, FIBER CONCRETE.....	EP606-01
MEDIAN BARRIER, IMPACT TST.....	0-140	MOTORIST INFO SYSTEMS.....	7-958	OVERLAY, HMAC ON CONCR.....	0-249
MEDIAN TURN LANES.....	0-212	MOTORIST INFDRMATION.....	0-200	OVERLAY, METAL REINFORCED.....	SS 09.00
MEDIANS IN CITIES.....	0-8	MOTORIST INFORMATION.....	0-1113	OVERLAY, OF PRESTR. CONC.....	0-401
MEDIANS ON TRAFFIC BEHAV.....	RP-16(10)	MOTORIST LIQUIDATED DAMAG.....	0-1310	OVERLAY, POLYMER.....	9-542
MEDIANS W/LEFT TURNS.....	0-1138	MOWER-THROWN-OBJECTS.....	0-445	OVERLAY, PRESTR. CONC. PAV.....	9-555
MEDIANS, FLUSH-TYPE.....	0-1293	MOWING COSTS.....	0-380	OVERLAY, RIGID PAVEMENT.....	0-249
MEMBRANE CURING.....	0-427	MTA IN TEXAS.....	7-1081	OVERLAY, SULPHUR-ASPHALT.....	7-916
MEMBRANE CURING FOR PCCP.....	0-1118	MU-METER FRICTION MEAS.....	0-138	OVERLAY, THIN-BONDED.....	7-920
MERGING CONTROL SYSTEM.....	0-24	MUD ON ROADS.....	DHT-10	OVERLAY, THIN-BONDED.....	0-357
METROPOLITAN GROWTH.....	7-1091	MULTIMODAL CENTERS.....	0-1282	OVERLAY, THIN-BONDED.....	0-457
METROPOLITAN TRANSIT AUTH.....	7-1081	MUTCD WORK ZONE TRAF CONT.....	0-495	OVERLAY, THIN-BONDED.....	EP632-01
MEXICO BORDER TRUCK TRAFF.....	0-1312	NARROW BRIDGE PRIORITIZA.....	0-233	OVERLAY, THIN-BONDED.....	7-920
MICRO-PES, DISTRICT NEEDS.....	7-1918	NCTCOG MODEL CONSOLID.....	7-946	OVERLAY, THIN-BONDED CONCR.....	9-561
MICROSURFACING.....	DHT-25	NOCDR 690 SEAL.....	EP624-01	OVERLAYS ON CONCRETE, ACP.....	0-452
MICROSURFACING OF PVMTS.....	0-1289	NOCDR 690 SEAL.....	EP624-01	OVERLAYS, ASPH. MIX DESIGN.....	0-318
MILE POST MARKER TEST.....	0-146	NOISE BARRIER WALL.....	0-166	OVERLAYS, BONDED CONCRETE.....	0-1205
MILLED PAVEMENT ON CYCLES.....	0-237	NOISE IMPACT STUDY.....	7-906	OVERLAYS, BONDED, IN CONCR.....	0-130
MILLED RECYCLED ASPHALT.....	0-1272	NOISE REDUCTION.....	0-166	OVERLAYS, EXPERIMENTAL.....	EP619-01
MILLING TAILINGS, RECYCLE.....	EP613-03	NOISE STUDY, FREEWAY.....	SS 05.04	OVERLAYS, OPEN-GRADED.....	0-36
MINORITIES AND TRANSIT.....	7-1054	NON-CONTACT MEASUREMENTS.....	0-494	OVERLAYS, THIN BONDED.....	0-1124
MINORITY PUBLIC INVOLVEM.....	0-190	NONDESTRUCTIVE LAYER ANAL.....	0-368	OVERNIGHT LOADS.....	0-187
MIX DESIGN OF ACP.....	0-1134	NONDESTRUCTIVE MEASURE.....	0-61	OVERSIZE/OVERWT PERMIT.....	0-1109
MIX TEMPERATURE, ASPHALT.....	0-358	NONDESTRUCTIVE TEST, BASE.....	0-1159	OVERWEIGHT PERMITS.....	0-1266
MLS DEVELOPMENT.....	0-1246	NONDESTRUCTIVE TEST, PVMTS.....	0-1123	PADS FOR BRIDGE BEARINGS.....	RP-10(01)
MLS DISPLAY DEVELOPMENT.....	7-1900	NUCLEAR DENSITY DEVICE.....	0-37	PAINT FOR CONCRETE.....	0-34
MLS MODEL TESTING.....	7-1934	NUCLEAR DENSITY GAUGE.....	0-468	PAINT REMOVAL.....	9-518
MLS-MOBILE LOAD SIMULATOR.....	7-1924	NUMERICAL GROUND IMAGE.....	0-120	PAINTS FOR STEEL.....	9-560
MOBILE LOAD SIMULATOR.....	0-1246	NUMERICAL GROUND IMAGE.....	0-186	PANEL, CONCRETE, ON WALL.....	0-1178
MOBILE LOAD SIMULATOR.....	7-1924	OGFC CRACK RETARDATION.....	EP606-03	PANELS, PRESTRESSED.....	0-145
MOBILE LOAD SIMULATOR.....	7-1900	OGFC W/ TRAVELLING PLANT.....	SS 15.10	PANELS, PRESTRESSED.....	0-303
MOBILE-LOAD SIMUL. MODEL.....	7-1934	OGFC WITH RUBBER-ASPHALT.....	9-551	PARK AND RIDE.....	0-205
MOBILITY IN CITIES.....	0-431	OGFC WITH SULPHUR-ASPHALT.....	9-547	PARK-AND-POOL LOTS.....	0-205
MOBILITY IN TEXAS CITIES.....	0-323	OGFC-OPEN GRADED FRICTION.....	EP602-03	PARK-AND-POOL LOTS.....	7-1072
MOBILITY PLANNING.....	7-1074	OIL FIELD DEVELOPMENT.....	0-299	PARK-AND-RIDE DEMAND.....	0-339
MOBILITY, MULTIMODAL CNTRS.....	0-1282	ONTARIO BRIDGE DESIGN.....	0-350	PARK-AND-RIDE DEMAND.....	7-1064
MOBILITY, RELATIVE IN TEX.....	0-339	OPEN-GRADED FRICT. COURSE.....	0-234	PARK-AND-RIDE FACILITY.....	7-1086
MOBILITY, URBAN.....	0-1131	OPEN-GRADED OVERLAYS.....	0-36	PARK-AND-RIDE FACILITY.....	7-1085
MOBILITY, URBAN.....	7-1075	ORIGIN-DESTINATION STUDY.....	0-1186	PARKING, ON-STREET.....	SS 19.01
MOISTURE BARRIER ON ROUGH.....	0-187	ORIGIN-DESTINATION STUDY.....	7-928	PASSER II-80 ENHANCEMENT.....	0-375
MOISTURE BARRIER VERTICAL.....	9-566	OVERFLEX SEAL COAT.....	9-526	PASSER II-84.....	0-467
MOISTURE BARRIER, EL PASO.....	7-953	OVERFLEX TEST.....	0-187	PASSER III.....	0-178
MOISTURE BARRIERS.....	0-187	OVERLAID RIGID PVMTS.....	0-388	PASSER III-85.....	0-478
MOISTURE BARRIERS.....	0-187	OVERLAY BONDING TO BRIDGE.....	7-959	PASSER III-88.....	0-478
MOISTURE CONTENT GAUGE.....	SS 17.01	OVERLAY DESIGN MANUAL.....	0-388	PASSER-IV.....	0-281



- KEYWORD INDEX -

PASSING SIGHT DIST.....0-134	PAVEMENT ROUGHNESS DATA.....7-969	PIPE,CAST-IN-PLACE.....SS 21.01
PAVEMENT SURFACE MEASUR.....7-981	PAVEMENT ROUGHNESS MEAS.....0-394	PLANNING ASST FOR DIST 2.....7-1995
PAVEMENT AGGREGATES.....0-1244	PAVEMENT ROUGHNESS SPECS.....0-1167	PLANNING DATABASE.....7-996
PAVEMENT AT INTERSECTION.....7-960	PAVEMENT SERVICEABILITY.....0-57	PLANNING FOR DIST 14.....7-993
PAVEMENT CONS. EXPEDITING.....0-1227	PAVEMENT STIFFNESS.....7-930	PLANNING FOR DIST 18.....7-984
PAVEMENT CROSS-SLOPE.....0-138	PAVEMENT SURFACE MEAS.....7-1921	PLANNING FOR DIST 18.....7-1940
PAVEMENT DATABASE,FLEX.....0-456	PAVEMENT SURFACE MEASUR.....7-963	PLANNING FOR DIST 2.....7-995
PAVEMENT DEFLECTION EVAL.....SS 01.00	PAVEMENT SURFACE MEASURE.....7-1916	PLANNING FOR DIST. 12.....7-935
PAVEMENT DEFLECTIONS.....0-123	PAVEMENT TESTING,MODEL.....7-1934	PLANNING FOR DIST. 18.....7-934
PAVEMENT DESIGN,AASHTO.....0-1177	PAVEMENT THICKNESS MEAS.....0-61	PLANNING FOR DIST. 27.....7-933
PAVEMENT DESIGN,CONCRETE.....0-1169	PAVEMENT THICKNESS MEAS.....0-1243	PLANNING FOR OS-12.....7-985
PAVEMENT DESIGN/TRAFF EVL.....NY 63-3	PAVEMENTS,AGGREGATES FOR.....0-1253	PLANNING FOR RPO.....7-948
PAVEMENT DETERIORATION.....0-18	PAVEMENTS,POORLY DRAINED.....0-1173	PLANNING IN DIST 12.....7-1941
PAVEMENT EDGE TREATMENT.....EP610-01	PCC QUALITY CONTROL.....0-432	PLANNING POLICIES.....0-1106
PAVEMENT EDGES.....0-328	PEAK PERIOD ASSIGNMENT.....0-454	PLANNING,ORGANIZATIONAL.....0-215
PAVEMENT EVAL,THICK.....EP633-01	PEDESTRIAN SIGNALS.....0-1296	PLANNING,PROJECT DEVELOP.....7-1990
PAVEMENT EVAL. METHODS.....0-1233	PELICANS ON BRIDGES.....0-1226	PLANNING,SOCIAL FACTORS.....0-217
PAVEMENT EVAL. SYSTEM.....0-391	PENETROMETER CORRELATION.....0-10	PLANNING,TRANSPORTATION.....0-1235
PAVEMENT EVAL. SYSTEM.....0-409	PERMIT FEES,OVERWEIGHT.....7-918	PLANT MIX SEAL.....EP602-01
PAVEMENT EVAL.,RIGID.....7-1939	PERMIT FEES,OVERWEIGHT.....7-919	PLANT MIX SEAL.....EP602-02
PAVEMENT EVALUATION SYS.....7-1918	PERMIT OVERSIZE/WEIGHT.....0-1109	PLANT MIX SEAL.....EP602-04
PAVEMENT FAILURE INVEST.....SS 03.00	PERSONNEL IN WORK ZONES.....0-330	PLANT MIX SEAL USE.....SS 15.05
PAVEMENT FAILURE INVEST.....SS 03.01	PES,MICRO-.....7-1918	PLANT MIX SEALS.....0-36
PAVEMENT FIRE DAMAGE.....7-1948	PETROMAT FABRIC ON CRACKS.....EP606-03	PLANT-MIX SEAL ACCIDENTS.....SS 15.11
PAVEMENT FRICTION.....0-138	PHOSPHOGYPSUM BASE.....DHT-11	PLATES,DISCONTINUOUS.....0-56
PAVEMENT FRICTION.....0-490	PHOTO INTERPRETATION,ARAN.....0-1189	PLOW ATTACHMENT FOR SEAL.....T2-3.3
PAVEMENT HEAVE CONTROL.....SS 10.02	PHOTO PRESENTATIONS/AIDS.....0-497	PMS IMPLEMENTATION.....7-997
PAVEMENT LAYER DATA.....0-1123	PHOTOGRAMMETRY FOR ERTHWK.....0-38	PMS VISUAL AIDS.....7-1900
PAVEMENT LAYER MEAS.....0-368	PHOTOGRAMMETRY METHODS.....0-79	PMS-DISTRICT 21.....7-900
PAVEMENT LAYER THICKNESS.....7-930	PHOTOGRAMMETRY,EQUIPMENT.....0-28	POLICE FOR TRAFFIC CONTRL.....0-410
PAVEMENT LOAD EFFECTS.....0-1184	PIER-BENT CAP CONNECTORS.....0-1302	POLICE,FOR TRAFFIC CONTRL.....0-399
PAVEMENT LOADING,TRAFFIC.....0-160	PIERS,ANCHOR BOLTS IN.....0-305	POLISH OF COARSE AGGREG.....0-216
PAVEMENT LOADING,TRUCK.....1-2034	PIERS,ANCHR BOLTS ON EDGE.....0-29	POLISHING OF AGGREGATES.....0-126
PAVEMENT LOADS AT AASHTO.....NY 62-2	PIERS,DESIGN OF HOLLOW.....0-254	POLLUTION FROM RUNOFF.....0-16
PAVEMENT LOADS,DYNAMIC.....0-162	PIERS,DRILLED,EVAL.....0-257	POLLUTION,WATER.....0-1224
PAVEMENT MANAG. SYSTEM.....7-930	PIERS,HOLLOW.....0-1180	POLYMER ADDITIVE IN HMAC.....EP629-02
PAVEMENT MANAGEMENT.....0-400	PIERS,WALL THICKNESS.....0-1180	POLYMER ASPHALT ADDITIVE.....EP622-01
PAVEMENT MANAGEMENT SYS.....7-997	PIEZOLECTRIC AXLE SENSOR.....0-1220	POLYMER BRIDGE DECK.....EP614-03
PAVEMENT MANAGEMENT SYST.....0-307	PIEZOLECTRIC FILM WIM.....0-1220	POLYMER BRIDGE DECK.....EP614-04
PAVEMENT MANAGEMENT SYST.....7-900	PILE BEARING CAPACITY.....0-125	POLYMER BRIDGE DECK.....9-562
PAVEMENT MANAGEMENT SYST.....7-1900	PILE DESIGN.....0-340	POLYMER CONCRETE.....0-114
PAVEMENT MARKER REFLECT.....0-1151	PILE DRIVING FORCES.....0-31	POLYMER CONCRETE.....0-246
PAVEMENT MATERIALS,STRESS.....0-27	PILE DRIVING FORCES.....0-195	POLYMER CONCRETE REPAIR.....EP614-01
PAVEMENT MATLS FOR SKID.....0-45	PILE DRIVING STRESSES.....RP-25(02)	POLYMER DECK REPAIR.....EP614-02
PAVEMENT MONITORING.....0-187	PILE DRIVING/WAVE EQUAT.....RP-25(01)	POLYMER DECK REPAIR.....EP614-02
PAVEMENT MONITORING.....0-429	PILE DYNAMIC BEHAVIOR.....RP-25(03)	POLYMER DECK SEALING.....7-923
PAVEMENT MONITORING.....0-430	PILE LOAD CARRYING.....RP-04(01)	POLYMER FABRIC UNDERSEAL.....EP606-09
PAVEMENT PERFORM. MEAS.....0-207	PILE STRESS DURING DRIVE.....RP-27(01)	POLYMER FABRIC UNDERSEAL.....EP606-10
PAVEMENT PERFORM/AGGREG.....0-1244	PILE-SUPPORTED FOUNDATION.....0-116	POLYMER HOT MIX.....DHT-06
PAVEMENT PERFORMANCE.....0-2	PILE-SUPPORTED FOUNDATION.....0-117	POLYMER MODIFIED ASPHALT.....0-492
PAVEMENT RANKING.....0-307	PILES,DRIVING STRESS.....0-33	POLYMER ON BRIDGE DECKS.....9-508
PAVEMENT REHABILITATION.....7-987	PILES,LOAD CARRING.....RP-04(02)	POLYMER OVERLAY.....9-542
PAVEMENT RESURFACING.....SS 04.00	PILING CORROSION.....RP-06(01)	POLYMER OVERLAY OF BRIDGE.....7-924
PAVEMENT ROUGHNESS.....0-156	PILING CORROSION.....RP-06(02)	POLYMER UNDERSEAL.....EP606-04
PAVEMENT ROUGHNESS COLL.....0-2	PILING FORCE MEASUREMENT.....0-174	POLYMER-FABRIC UNDERSEAL.....EP606-11

- KEYWORD INDEX -

POLYMER-MODIFIED ASPHALT.....0-1306	PROJECT OVERRUNS.....0-412	RAMP CONTROL ON FREEWAY.....0-139
POLYPROPYLENE ASPHALT ADD.....EP622-01	PROJECT RANKING TECHNIQUE.....0-498	RAMP CONTROL,FREEWAY.....0-24
PONDING,FOR CLAY STABIL.....0-118	PROJECT RANKING,CONSTR.....0-337	RAMP DESIGN.....0-335
POPULATION PROJECTIONS.....0-268	PROJECTS,SMALL-TASK,CTR.....7-1900	RAMP DESIGN,DRIVER NEEDS.....RP-16(08)
POPULATION TRENDS IN TEX.....0-227	PROJECTS,SMALL-TASK,TTI.....7-1990	RAMP DESIGN/DRIVER BEHAV.....RP-16(02)
PORTLAND CEMENT CURING.....0-1118	PUBLIC ATTITUDE TO DHT.....0-1187	RAMP METERING.....0-210
POST,GUARDRAIL.....0-405	PUBLIC ATTITUDES IN PLAN.....0-148	RAMP METERING.....7-971
POST-TENSION FORCE ON SLB.....0-1182	PUBLIC HEARINGS.....0-185	RAMP OPERATION,FREEWAY.....0-288
POST-TENSIONED CONCRETE.....0-465	PUBLIC INVOLVEMENT.....0-190	RAMP-FRONTAGE RD INTERSEC.....0-402
POST-TENSIONED GIRDER.....0-365	PUBLIC INVOLVEMENT.....0-217	RAMPS,FREEWAY.....RP-16(03)
POST-TENSIONED GIRDER.....0-208	PUBLIC RELATIONS NEWSLTR.....SS 23.01	RAMPS,GRADE-SEPARATED.....0-376
POT HOLES/VEHICLE STABIL.....0-328	PUBLIC TRANS,COSTS.....7-1060	RAMPS,OFF-,ON FREEWAYS.....0-59
PRECAST BEAMS.....0-22	PUBLIC TRANSP ACCOUNTING.....7-1062	RAMPS,PRIORITY ENTRY.....0-205
PRECAST CONCRETE BRIDGES.....0-226	PUBLIC TRANSP MANUAL.....7-1082	RAPID,HIGHWAY ADVISORY.....9-539
PRECOATED AGGREGATE.....0-51	PUBLIC TRANSP.FINANCE.....7-1057	RDS/IGRDS INSTRUCTION.....0-1241
PRECOATED AGGREGATE.....EP605-01	PUBLIC TRANSPORTATION,NEW.....7-1070	RECLAIMED ASPHALT,MILLED.....0-1272
PRECONSTRUCTION MANAGEMEN.....7-922	PUMPED CONCRETE, AIR IN.....0-1254	RECYCLED ASPHALT OESIGN.....0-214
PRESSUREMETER DESIGN.....0-340	PYLONS,WALL THICKNESS.....0-1180	RECYCLED ASPHALT FAILURE.....0-313
PRESTRESSED BEAMS.....0-22	QUALITY APPRAISAL PROCED.....0-1100	RECYCLED ASPHALT PAVEMENT.....0-1272
PRESTRESSED BEAMS.....0-168	QUALITY CONTROL,CONSTR.....9-535	RECYCLED ASPHALT USE.....DHT-26
PRESTRESSED CONC. DVERLAY.....9-555	QUALITY CONTROL,CONSTRUCT.....0-122	RECYCLED PVMT. DESIGN.....0-252
PRESTRESSED CONCR. BEAMS.....0-22	RADAR TRANSMITTING DEVICE.....7-943	RECYCLING ASPHALT PVMT.....EP604-01
PRESTRESSED CONCR. DESIGN.....0-401	RADAR,GROUND-PENETRATING.....7-1923	RECYCLING ASPHALT PVMT.....9-524
PRESTRESSED CONCR.,CREEP.....0-69	RADIAL HIGHWAYS.....0-1106	RECYCLING ASPHALT PVMT.....9-527
PRESTRESSED CONCRETE PVMT.....9-556	RADIO FOR FREEWAY COMMUN.....0-139	RECYCLING ASPHALT SURFACE.....9-530
PRESTRESSED GIRDER DESIGN.....0-149	RADIO,HIGHWAY ADVISORY.....0-263	RECYCLING ASPHALT TAILING.....EP613-03
PRESTRESSED GIRDER STRESS.....0-150	RADIO,HIGHWAY ADVISORY.....0-228	RECYCLING ASPHALT,COLD.....EP613-01
PRESTRESSED PANEL SUBDECK.....0-145	RAIL FOR TRUCKS,BRIDGE.....7-911	RECYCLING HOT MIX.....SS 15.17
PRESTRESSING LITWMT CONC.....RP-07(03)	RAIL TRANSIT.....0-425	RECYCLING PAVEMENTS.....0-214
PRESTRESSING STRANDS.....0-1210	RAIL TRANSIT,LIGHT.....0-339	RECYCLING PAVEMENTS.....DHT-04
PRESTRESSING,TRANSVERSE.....0-316	RAIL USE OF ROW.....0-418	RECYCLING TO REHAB FM'S.....EP613-02
PRICES,CONSTRUCTION BIDS.....0-43	RAIL,BRIDGE,END TREATMENT.....0-1263	RECYCLING WITH HEAT-PLANR.....EP618-03
PRIVITIZATION,HIGHWAY.....0-1281	RAIL,BRIDGE,FOR TRUCKS.....0-230	RECYCLING,ASPHALT.....SS 15.16
PRIVITIZATION,MAINTENANCE.....0-1269	RAIL,BRIDGE,PRECAST CON.....7-912	RECYCLING/IN-PLCE WIRTGEN.....EP604-02
PRIVITIZATION,REST AREAS.....0-1269	RAIL,BRIDGE,RETROFIT.....0-1240	REFERENCE MARKER BROCHURE.....T2-5.5
PRODUCT EVALUATION.....0-1150	RAIL,LIGHT.....0-1278	REFLECTIVE GARMENTS.....0-262
PROFILE MEAS. W/SIDOMETER.....0-1203	RAILING ON BRIDGE DECK.....0-295	REFLECTIVE MARKERS.....0-322
PROFILOGRAPH CORREL W/PSI.....9-569	RAILROAD BRIDGE,IMPACT.....0-26	REFLECTIVE PVMT. MARKERS.....0-477
PROFILOGRAPH CORREL W/PSI.....9-579	RAILROAD CROSSING COUNTS.....7-1973	REFLECTIVITY OF MARKERS.....0-1151
PROFILOGRAPH DEVELOPMENT.....0-49	RAILROAD CROSSING DESIGN.....0-164	REGIONAL ANALYSIS.....0-1217
PROFILOMETER.....0-156	RAILROAD CROSSING RANKING.....0-1105	REGIONAL PLANNING OFFICE.....7-948
PROFILOMETER.....0-354	RAILROAD FOUNDATIONS.....0-483	REGISTRATION VIOLATIONS.....0-1202
PROFILOMETER DATA.....7-969	RAILROAD GRADE CROSSING.....0-111	REHABILITATION CONTRACTS.....7-954
PROFILOMETER DEVELOPMENT.....0-279	RAILROAD GRADE CROSSING.....EP616-01	REHABILITATION FUND ESTIM.....0-409
PROFILOMETER EVALUATION.....0-73	RAILROAD ROW FOR TRANSIT.....7-1074	REHABILITATION NEEDS.....0-298
PROFILOMETER IMPROVE.....7-967	RAILROAD WARNING DEVICES.....0-1273	REHABILITATION NEEDS.....0-312
PROFILOMETER UPGRADE.....0-494	RAIN,ON FREEWAY CAPACITY.....0-24	REHABILITATION NEEDS,CITY.....0-278
PROFILOMETER,CHLOE.....0-32	RAIN,SPEED LIMITS.....0-134	REHABILITATION NEEDS,CITY.....0-278
PROFILOMETER,DIGITAL.....0-251	RAIN,SPEED LIMITS.....0-135	REHABILITATION OF US-59.....7-931
PROFILOMETER,LASER USE ON.....0-1141	RAISED PAVEMENT MARKERS.....0-322	REHABILITATION STANDARDS.....0-1229
PROJECT COMPLETION TIME.....0-412	RALUMAC ON US-287.....9-564	REHABILITATION,PAVEMENT.....7-987
PROJECT CONSTRUCTABILITY.....0-1149	RAMP ANALYSIS,IH-35.....7-956	REHABILITATION,PAVEMENT.....0-57
PROJECT DEVELOPMENT.....0-1102	RAMP CAPACITY.....0-6	REHABILITATION,US59,DS-11.....7-987
PROJECT DEVELOPMENT.....7-1990	RAMP CLOSURE ON FREEWAY.....0-139	REHABILITATION/IH10-IH610.....7-909
PROJECT EVALUATION.....0-396	RAMP CLOSURES.....0-165	REINFORCEMENT CORROSION.....0-112

- KEYWORD INDEX -

REINFORCEMENT FOR GIRDERS.....0-196	RIGHT-OF-WAY,RAIL USE.....0-418	RUBBER-ASPHALT BINDERS.....0-347
REINFORCEMENT IN CONCRETE.....0-1127	RIGHT-OF-WAY,VENDOR USE.....0-1248	RUBBER-ASPHALT BLENDS.....EP631-01
REINFORCEMENT OF CRCP.....0-422	RIGID PAVEMENT ANALYSIS.....0-56	RUBBER-ASPHALT MEMBRANE.....0-287
REINFORCEMENT SPLCE LNGTH.....0-242	RIGID PAVEMENT ANCHORAGE.....0-39	RUBBER-ASPHALT OGFC.....9-551
REINFORCEMENT,ANCHORAGE.....0-113	RIGID PAVEMENT DATABASE.....0-472	RUBBER-ASPHALT PERFORM.....0-187
REINFORCEMENT,CONCRETE.....0-383	RIGID PAVEMENT DEFLECTION.....0-46	RUBBER-ASPHALT SEAL.....9-523
REINFORCEMENT,EPOXY-COAT.....0-1265	RIGID PAVEMENT DESIGN.....0-98	RUBBER-ASPHALT SEAL.....9-526
REINFORCEMENT,EPOXY-COAT.....0-1181	RIGID PAVEMENT DESIGN.....0-177	RUBBER-ASPHALT SEAL COAT.....9-549
REINFORCEMENT,SPLICES.....0-154	RIGID PAVEMENT DESIGN.....0-123	RUBBER-ASPHALT SUB-LAYER.....9-529
REINFORCING STEEL.....0-25	RIGID PAVEMENT DESIGN.....0-249	RUBBER-ASPHALT USE.....7-1902
REJUVENATING AGENTS.....0-1156	RIGID PAVEMENT DESIGN.....NY 64-1	RUN-OFF-ROAD ACCIDENTS.....0-1257
RELOCATEE OPINIONS.....0-159	RIGID PAVEMENT DESIGN.....SS 13.01	RUNOFF CHARACTERISTICS.....9-516
RELOCATION ASSISTANCE.....0-159	RIGID PAVEMENT EVAL.....0-256	RUNOFF MODEL.....0-85
RELOCATION ASSISTANCE.....0-217	RIGID PAVEMENT EVALUATION.....7-1939	RUNOFF POLLUTION.....0-16
REMAINDERS,RIGHT-OF-WAY.....0-44	RIGID PAVEMENT FACILITY.....0-355	RURAL HIGHWAY SHOULDERS.....0-1114
REMAINDERS,RIGHT-OF-WAY.....0-1294	RIGID PAVEMENT LOADING.....0-386	RURAL ROAD SAFETY.....0-1130
REPORT REPRODUCTION.....0-84	RIGID PAVEMENT LOADS.....0-460	RURAL ROADS,SIGHT DIST.....0-1125
REPORT REPRODUCTION.....0-104	RIGID PAVEMENT OVERLAY.....0-249	RURAL TRANSIT DEMAND.....7-1080
REPORT REPRODUCTION.....0-109	RIGID PAVEMENT REHABIL.....0-249	RURAL TRANSIT PERFORM.....7-2008
REPRODUCTION OF REPORTS.....0-104	RIGID PAVEMENT SURVEY.....0-21	RURAL TRANSP ANALYSIS.....7-1069
RESEARCH BENEFIT CALC.....0-1137	RIGID PVMT CONDITION SURV.....0-388	RURAL TRANSPORTATION INFO.....7-1990
RESEARCH IMPLEMENTATION.....DHT-20	RIGID PVMT. DATA BASE.....0-187	RUT BAR FOR SIOMETER.....0-1290
RESEARCH IMPLEMENTATION.....SS 16.01	RIGID PVMT. DESIGN PROC.....9-502	RUT DEPTH PREDICTION.....0-473
RESEARCH IMPLEMENTATION.....SS 16.02	ROAD LIFE DATA/PVMT EVAL.....0-391	RUTTING OF ASPHALT PVMTS.....SS 26.01
RESEARCH MANAGEMENT.....0-50	ROAD UTILITY DISTRICTS.....0-1270	RUTTING,ASPHALT PAVEMENT.....0-1121
RESEARCH REPORT LISTING.....T2-5.1	ROADBOND UNDERSEAL.....EP608-02	SAFETY AT RR GRADE CROSS.....0-111
RESEARCH,ADMIN. SUPPORT.....0-1470	ROADGLAS UNDERSEAL.....EP608-02	SAFETY DEVICES HB89.....0-482
RESILIENT MODULUS TESTING.....0-1177	ROADSIDE DESIGN GUIDELINE.....SS 12.02	SAFETY DEVICES MANUAL.....DHT-15
REST AREA DESIGN.....0-442	ROADSIDE SAFETY DEVICES.....DHT-15	SAFETY GRATES ON CULVERTS.....0-301
REST AREA ENERGY.....0-442	ROADSIDE SAFETY IMPROVE.....0-11	SAFETY IMPROV.,ROADSIDE.....9-525
REST AREA MAINTENANCE.....0-380	ROADSIDE SAFETY IMPROVE.....0-15	SAFETY INDEX,RURAL ROADS.....0-1130
REST AREAS,PRIVITIZATION.....0-1269	ROADSIDE SAFETY IMPROVE.....9-525	SAFETY INDEX,WET WEATHER.....0-221
RESURFACING OLD PAVEMENTS.....SS 04.00	ROADWAY DESIGN SYSTEM.....0-1241	SAFETY PROJECT EVAL.....9-533
RETAINAGE ON CONTRACTS.....0-1310	ROADWAY DESIGN SYSTEM.....0-107	SAFETY WARNING SYSTEM.....0-165
RETAINING WALL CATALOG.....T2-5.3	ROADWAY DESIGN SYSTEM.....0-152	SAFETY,ROADSIDE.....0-11
RETAINING WALL DESIGN.....0-169	ROADWAY DESIGN SYSTEM.....0-171	SAFETY,ROADSIDE.....0-15
RETAINING WALL DESIGN.....0-415	ROADWAY DESIGN,IGROS.....0-487	SAFETY,WHAT IS NEEDED.....SS 12.04
RETAINING WALL DESIGN.....0-446	ROADWAY DESIGN,IGRDS.....9-520	SAFETY,WORKER.....T2-4.1
RETAINING WALL DESIGN.....0-1178	ROADAR UNIT EVALUATION.....7-961	SAN ANTONIO/AUSTIN OO.....0-1186
RETAINING WALL DESIGN.....0-340	ROLL-ROOFING CRACK REPAIR.....SS 15.14	SAND STRESS DEFORMATION.....RP-23(01)
RETAINING WALL STABILIZ.....0-187	ROUGHNESS MEAS.,ARAN.....0-1223	SAND,ASPHALT STABIL.....0-235
RETAINING WALL,EARTH PRES.....0-236	ROUGHNESS MEASUREMENT.....0-156	SANDSTONE SPRINKLE TREAT.....EP611-01
RETAINING WALL,SHAFT FOR.....0-211	ROUGHNESS MEASUREMENT.....0-479	SANDSTONE SPRINKLE TREAT.....EP611-02
RETEMPERING OF CONCRETE.....0-1117	ROUGHNESS MEASURING.....0-279	SATELLITE POSITIONING.....7-1952
REVENUE FORECASTING.....0-191	ROUGHNESS MEASURING.....0-394	SCC SYS. SOFTWARE, DS-15.....7-937
RIDE QUALITY,PAVEMENT.....0-354	ROUGHNESS OF MEASUREMENT.....0-32	SCC SYSTEM SOFTWARE, DHT.....7-938
RIDEABILITY OF ACP.....0-1134	ROUGHNESS,PAVEMENT/BRIDGE.....0-213	SCC SYSTEM SOFTWARE, DS-2.....7-936
RIGHT OF WAY REMAINDERS.....0-44	ROUGHNESS-SPEED RELATION.....0-284	SDHPT,PUBLIC ATTITUDE.....0-1187
RIGHT-OF-WAY ACQUISITION.....0-58	ROUTE ALTERNATIVES.....7-1915	SEAGRASS SEEDING OF GIWW.....0-1309
RIGHT-OF-WAY ACQUISITION.....0-489	ROUTE FEASIBILITY STUDIES.....7-964	SEAL COAT.....0-51
RIGHT-OF-WAY ACQUISITION.....RP-14(01)	ROUTING OF HWY,ECONOMICS.....7-1904	SEAL COAT CONSTRUCTION.....SS 15.18
RIGHT-OF-WAY APPRAISAL.....0-100	RUBBER IN ROADWAYS.....0-1316	SEAL COAT COSTS.....0-380
RIGHT-OF-WAY COSTS.....0-82	RUBBER SURFACE SEAL.....EP606-12	SEAL COAT DESIGN.....0-448
RIGHT-OF-WAY REMAINDERS.....0-1294	RUBBER UNDERSEAL.....EP606-06	SEAL COAT DESIGN.....0-297
RIGHT-OF-WAY USE,VENDOR.....0-1191	RUBBER-ASPHALT.....0-449	SEAL COAT ECONOMICS.....0-214

- KEYWORD INDEX -

SEAL COAT EMULSIFIED ASPH.....9-543	SIGN MATERIALS.....0-276	SIOMETER,PVMT MEAS.....7-1921
SEAL COAT MANUAL.....DHT-13	SIGN POST CRASH TEST.....0-264	SIOMETER,RUT BAR FOR.....0-1290
SEAL COAT OVERFLEX.....9-526	SIGN STRUCTURE LOADING.....0-209	SIOMETER,UPGRADE.....0-479
SEAL COAT TEST SECTIONS.....0-187	SIGN SUPPORT SYSTEM,SML.....0-1122	SIOMETER-PAVEMENT MEAS.....7-963
SEAL COAT WITH UNDERSEAL.....EP606-04	SIGN SUPPORT,SMALL.....7-988	SKID RESISTANCE.....0-163
SEAL COAT,MULTIPLE.....0-448	SIGN SUPPORT,THIN.....0-192	SKID RESISTANCE.....0-45
SEAL COAT,RUBBER ASPHALT.....9-549	SIGN SUPPORT,TWO-POST.....0-1219	SKIO RESISTANCE INFO.....0-123
SEAL COAT,RUBBER/ASPHALT.....9-523	SIGN SUPPORTS,BREAKAWAY.....0-68	SKID RESISTANCE PRACTICE.....SS 11.11
SEAL COAT,SULPHLEX.....9-550	SIGN WIND LOADING.....0-1303	SKID RESISTANCE,H-B7-2.....7-910
SEAL COATS,AGGREGATES FOR.....0-83	SIGN,BREAK AWAY.....0-343	SKID RESISTANCE/HEAT-PLAN.....EP618-01
SEAL COATS,AGGREGATES FOR.....0-1222	SIGN,CHANGEABLE-MESSAGE.....0-200	SKID RESISTANT SURFACES.....0-214
SEAL COATS,EMULSION.....0-1157	SIGNAL ACTUATED CONTROL.....0-1255	SKID TEST CALIB.....7-977
SEAL OF CONCRETE PAVE.....SS 14.01	SIGNAL CONTROL ANT DAMAGE.....0-1135	SKID TESTING.....0-138
SEAL USING NOCOR 690.....EP624-01	SIGNAL PHASING,LEFT-TURN.....0-1256	SKID TRAILER.....DHT-12
SEAL USING NOCOR 690.....EP624-01	SIGNAL PHASING,LEFT-TURN.....7-989	SKID TRAILER CALIBRATION.....SS 11.02
SEAL, SLURRY.....DHT-25	SIGNAL PHASING,LEFT-TURN.....7-1906	SKID TRAILER CALIBRATION.....SS 11.03
SEAL,DILUTED ASPHALT.....0-1156	SIGNAL RETIMING.....0-1164	SKID TRAILER CALIBRATION.....SS 11.08
SEAL,PLANT MIX.....EP602-01	SIGNAL SYSTEM OPERATION.....0-203	SKID TRAILER CALIBRATION.....SS 11.10
SEAL,PLANT MIX.....EP602-02	SIGNAL TIMING,FREEWAY.....0-1271	SKID TRAILER CORRELATION.....SS 11.09
SEAL,PLANT MIX.....EP602-04	SIGNAL TIMING,PASSER.....0-467	SKID TRAILER DEVELOPMENT.....0-45
SEAL,PLANT MIX.....SS 15.05	SIGNAL,FLASHING.....0-1297	SKID TRAILER OPERATIONS.....SS 11.04
SEAL,RUBBER SURFACE-.....EP606-12	SIGNAL,LEFT-TURN.....0-258	SKID TRAILER OPERATIONS.....SS 11.05
SEAL,SLURRY,IN-PLACE.....SS 15.15	SIGNALIZATION,INTERCHANGE.....0-47B	SKID TRAILER OPERATIONS.....SS 11.06
SEALED BRIDGE DECK INTERN.....9-53B	SIGNALIZED INTERSECTION.....0-309	SKID,WET WEATHER INDEX.....0-221
SEALERS FOR BRIDGE DECKS.....DHT-21	SIGNALIZED INTERSECTIONS.....0-203	SKID-RESISTANT ASPHALT.....0-286
SEALING CRACKS,V-PLOW ATT.....T2-3.3	SIGNALIZED INTERSECTIONS.....0-259	SKIDDING ACCIDENTS.....0-133
SEALING,POLYMER DECK.....7-923	SIGNALIZING INTERSECTION.....RP-16(04)	SKIDDING ACCIDENTS.....0-342
SEDIMENT DEPOSITION.....7-1936	SIGNALS AT INTERCHANGE.....0-344	SKIDDING FROM MUD ON ROAD.....DHT-10
SEGMENTAL BOX GIRDERS.....0-1209	SIGNALS,ACTUATED TRAFFIC.....0-243	SKIDDING PREVENTION.....0-147
SEGMENTAL BRIDGE.....0-121	SIGNALS,CONNECT ISOLATED.....0-293	SKIDDING,FACTORS AFFECT.....0-135
SEGMENTAL BRIDGE JOINT.....0-248	SIGNALS,FREEWAY LANE.....0-1298	SLAB CONST USING H2O REDU.....DHT-16
SEGREGATION OF ASPHALT.....0-366	SIGNALS,PEDESTRIAN.....0-1296	SLAB STRENGTHENING,BRIDGE.....0-219
SERVICE ABILITY INDEX.....0-32	SIGNALS,TRAFFIC,WIND LOAD.....0-1303	SLAB SYSTEMS,BRIDGE.....0-56
SERVICE LIFE OF FLX PVMTS.....0-325	SIGNALS,WARRANTS FOR.....0-260	SLAB THICKNESS,BRIDGE.....0-1305
SERVICEABILITY RATINGS.....0-400	SIGNING EVAL. OF IH'S.....0-1152	SLAB,CONCRETE.....0-94
SHAFT LOAD CHARACTERISTIC.....0-89	SIGNING FOR LANE DROPS.....0-1292	SLABS,FORCES ON.....0-1182
SHAFTS FOR RETAINING WALL.....0-211	SIGNING, OVERHEAD.....0-5	SLAB/GIRDER BRIDGES.....0-115
SHAFTS,BEHAVIOR.....0-176	SIGNING,CHANNELIZATION.....0-19	SLIDE RESTORATION.....9-565
SHALE AGGREGATE.....0-51	SIGNING,FREEWAY GUIDE.....0-220	SLIDES,REPAIR.....0-435
SHIRLEY HIGHWAY HOV.....0-1103	SIGNING,SEQUENTIAL.....7-903	SLOPE DESIGN.....7-927
SHOULDER TREATMENT EVAL.....0-1257	SIGNS,CHANGEABLE MESSAGE.....0-228	SLOPE MAINTENANCE.....9-565
SHOULDERS,DRIVING ON.....0-265	SIGNS,DRIVER UNDERSTAND.....0-232	SLOPE STABILITY.....0-161
SHOULDERS,ON FREEWAYS.....0-395	SIGNS,MOTORIST UNDERSTANO.....0-1261	SLOPE STABILITY.....0-436
SHOULDERS,USE OF FREEWAY.....0-210	SIGNS,SHOULDER-MOUNTED.....0-270	SLOPE STABILITY.....0-353
SHOULDERS,WIDE.....0-1114	SIGNS,VARIABLE-MATRIX.....9-509	SLURRY DISPLACEMENT.....SS 25.01
SHRINKAGE STRAINS.....0-1195	SIGNS,WIND DRAG ON.....0-1207	SLURRY DISPLACEMENT.....9-536
SIGHT DISTANCE, WORK ZONE.....0-228	SILLS FOR STEEP CULVERTS.....0-92	SLURRY ON DRILLED SHAFT.....0-351
SIGHT DISTANCE,STOPPING.....0-1125	SILTING,CONTROL DF.....7-1936	SLURRY SEAL USE IN TEXAS.....DHT-25
SIGN BACKGROUND MATERIAL.....0-222	SINGLE-VEHICLE ACCIDENTS.....0-1257	SLURRY SEAL,IN-PLACE.....SS 15.15
SIGN FOUNDATIONS.....0-244	SIOMETER.....0-187	SLURRY SEALS.....0-1289
SIGN LIGHTING.....0-277	SIOMETER DATA COLL.....7-969	SLURRY,LIME\FLY ASH.....9-566
SIGN LIGHTING.....SS 22.02	SIOMETER PVMT. MEASUREMENT.....7-981	SMOOTHNESS SPECS FDR PVMT.....0-1167
SIGN MAINTENANCE.....9-568	SIOMETER ROUGH. MEAS.....0-394	SOCIAL FACTORS HIGHWAY.....0-148
SIGN MAINTENANCE MANAG.....0-270	SIOMETER USE FOR PROFILES.....0-1203	SOCIAL FACTORS IN PLAN.....0-217
SIGN MATERIALS.....0-86	SIOMETER,CONSTR CONTROL.....7-1916	SDCIAL SCIENCE METHODOLOG.....0-1299

- KEYWORD INDEX -

SODIUM VAPOR LAMPS.....0-273	SPRINKLE TREAT W/ LITEWT.....EP612-01	SULPHUR PELLETS/ASPHALT.....9-564
SOIL BEHAVIOR,FOUNDATIONS.....0-117	SPRINKLE TREAT./SANDSTONE.....EP611-01	SULPHUR-ASPHALT BINOER.....9-536
SOIL CRACKING.....0-1195	SPRINKLE TREAT./SANDSTONE.....EP611-02	SULPHUR-ASPHALT BINOER.....9-547
SOIL OAMPING CONSTANTS.....0-125	SPRINKLE TREATMENT.....0-214	SULPHUR-ASPHALT OVERLAY.....7-916
SOIL INFORMATION.....0-63	SPRINKLE TREATMENT.....0-204	SULPHUR-ASPHALT PVMT.....9-546
SOIL MOISTURE GAUGES.....0-32	SPRINKLE TREATMENT.....EP601-01	SULPHUR-ASPHALT PVMT.....9-512
SOIL MOISTURE MEAS.....0-37	SPRINKLE TREATMENT.....EP603-01	SULPHUR-ASPHALT PVMTS.....9-519
SOIL MOISTURE MEAS.....0-89	SPRINKLE TREATMENT.....EP612-02	SULPHUR-ASPHALT TEST.....7-914
SOIL PROPERTIES,SHAFTS.....0-89	SPRINKLE TREATMENT.....EP618-02	SULPHUR-EXTENDED ASPHALT.....9-570
SOIL RETAINING WALLS.....0-187	SPRINKLE TREATMENT.....EP618-03	SUPERELEVATION DF ROADS.....7-1949
SOIL SHEAR STRENGTH.....0-10	STABILIZATION GUIDELINES.....0-214	SUPERPLASTICIZERS IN CONC.....0-383
SOIL,CEMENT STABILIZED.....0-1178	STABILIZATION W/FLY ASH.....EP628-02	SUPERPLASTICIZERS IN CONC.....0-1117
SOIL,STABILIZING SWELLING....SS 10.03	STABILIZATION W/STACKDUST....EP621-01	SUPERPLASTICIZERS IN DECK.....9-536
SOIL,SUBGRADE PROPERTIES.....0-164	STABILIZATION,STRUCT.BENE.....0-1287	SURFACE SHADOWS,ACP.....0-1134
SOLAR HEATED ASPHALT TANK.....9-534	STABILIZED BASE,CEMENT-.....SS 10.01	SURFACE TREATMENTS,ASPH.....SS 15.13
SOLAR HEATING ASPHALT.....0-272	STABILIZING SWELLING SOIL....SS 10.03	SYNTHETIC AGGREG. CLASS.....0-81
SOLAR-HEATED ASPHALT TANK.....0-229	STACKDUST STABILIZATION.....EP621-01	SYNTHETIC AGGREG.,SLCOATS.....0-83
SPECIAL PROJECTS.....0-444	STAGE CONSTRUCTION.....0-225	SYNTHETIC AGGREGATE.....0-51
SPECIAL PROJECTS.....0-1230	STAYS,CABLE,GROUT DEFECTS.....0-1268	SYNTHETIC AGGREGATES.....0-110
SPECIFIC GRAVITY OF ACP.....0-1160	STEEL COATINGS.....9-560	T-BEAMS,BEHAVIOR.....0-188
SPECIFICATIONS,LEGAL.....9-536	STEEL DECK FDRMS.....9-576	T-BEAMS,STRENGTH.....0-153
SPECTRAL ANALYSIS OF PVMT.....0-1123	STEEL STRESS ON CRCP.....0-46	TAPE CUTTING BOX,MARKER.....T2-3.4
SPECTRAL ANALYSIS/PVMTS.....0-437	STEEL,HI-STRENGTH REBAR.....0-25	TAX,FUEL,OF TRUCKS.....0-131
SPECTRAL PAVEMENT ANAL.....0-368	STIFFENER,TRANSVERSE.....0-247	TAXI USE IN PUBLIC TRANSP.....7-1053
SPECTRAL PVMT. ANALYSIS.....0-256	STOPPING SIGHT OIST.....0-134	TECHNICAL ASSISTANCE-DS15.....7-940
SPEED CONTROL,WORK ZONE.....0-292	STOPPING SIGHT DISTANCE.....0-1125	TECHNOLOGY TRANSFER.....0-1199
SPEED CONTROL,WORK ZONES.....0-1161	STRAND DEBONDING,GIRDERS.....0-1210	TECHNOLOGY TRANSFER.....0-575
SPEED LIMITS,FOR RAIN.....0-135	STRAND TESTING.....7-1954	TECHNOLOGY TRANSFER.....9-575
SPEED LIMITS,WET WEATH.....0-134	STRATEGIC PLANNING.....0-289	TECHNOLOGY TRANSFER.....0-192
SPEED ON GRADES.....0-20	STREET CONSTRUCTION,CITY.....0-1307	TECHNOLOGY TRANSFER CATAL.....T2-5.4
SPEED REDUCTION EQUIPMENT.....0-271	STREET IMPROVE.,TRANSIT.....0-1225	TECHNOLOGY TRANSFER PRGM.....0-275
SPEED SURVEY,BRIDGE.....RP-17(03)	STREET TRAFFIC.....0-304	TECHNOLOGY TRANSFER SYST.....T2-2.1
SPEED SURVEY,HIGHWAY.....RP-17(01)	STRIPING COSTS.....0-380	TELEMETRIC TRAF. COUNTERS.....7-917
SPEED ZONING FOR LOADS.....0-156	STRIPPING AGENTS,ANTI.....0-441	TELEVISION SURVEILLANCE.....0-47
SPEED ZONING OF HIGHWAY.....0-334	STRIPPING AGENTS,ANTI.....DHT-05	TELEVISION SURVEILLANCE.....0-139
SPEED,FACTORS INFLUENCING....RP-17(04)	STRIPPING IN ASPHALT MIX.....0-253	TELEVISION SURVEILLANCE.....0-165
SPEED-ROUGHNESS RELATION.....0-284	STRIPPING OF ASPHALTS.....0-1286	TELEVISION SURVEILLANCE.....0-173
SPEED/VOLUME RELATION.....0-327	STRIPPING,LIME ANTI-.....SS 24.01	TELEVISION TRAFFIC MONIT.....0-398
SPINE-WING BOX GIRDER.....7-915	STRUCTURE STUDY,DS-18.....7-1900	TEMPERATURE STRESS,BRIDGE.....0-23
SPLICES IN REBARS.....0-242	STUD CONNECTORS.....0-76	TENDON FRETTING FATIGUE.....0-1211
SPLICES OF REINFORCEMENT.....0-154	SUBAREA ANALYSIS.....0-1110	TENDONS,CONTINUOUS BONDED.....0-1209
SPLICES,BUTT-WELDED.....0-247	SUBBASE FRICTION.....0-459	TENDONS,CORROSION PROTECT.....0-1264
SPRINKLE TREAT W/ LITEWT.....EP612-01	SUBBASE FRICTION.....0-401	TENDONS,GROUTING.....0-463
SPRINKLE TREAT./SANDSTONE.....EP611-01	SUBBASE,TENSILE ASPECTS.....0-98	TENSILE STRENGTH TESTING.....0-432
SPRINKLE TREAT./SANDSTONE.....EP611-02	SUBGRADE CLAY.....0-224	TESTING PRDC.,RAPID.....9-536
SPRINKLE TREATMENT.....0-214	SUBGRADE MDUULUS.....0-56	TEXAS DIAMOND.....0-443
SPRINKLE TREATMENT.....0-204	SUBGRADE MOISTURE MOVEMNT.....0-1165	TEXAS HIGHWAY DEP HISTORY.....DHT-01
SPRINKLE TREATMENT.....EP601-01	SUBGRADE TESTS,NDT.....0-1159	TEXAS LARGE NETWORK PKG.....0-119
SPRINKLE TREATMENT.....EP603-01	SUBSURFACE DRAINAGE DESIG.....0-1173	TEXAS LARGE NETWORK PKG.....0-167
SPRINKLE TREATMENT.....EP612-02	SUBSURFACE INVESTIGATION.....7-1923	TEXAS MODEL FOR INTERSECT.....0-361
SPRINKLE TREATMENT.....EP618-02	SUBURBAN DEVEL. TRANSIT.....7-2001	TEXAS MODEL FOR LEFT TURN.....7-1906
SPRINKLE TREATMENT.....EP618-03	SULFUR,SAND-ASPHALT.....0-187	TEXAS MDEL,INTERSECTIONS.....0-184
SPRINKLE TREATMENT.....EP618-03	SULFUR-ASPHALT-SAND BASE.....0-187	TEXAS MODEL,INTERSECTIONS.....0-1258
SPRINKLE TREATMENT.....SS 20.00	SULPHLEX AS A BINOER.....9-544	TEXAS MODEL,INTERSECTIONS.....0-1258
SPRINKLE TREATMENT.....SS 20.01	SULPHLEX BINDER.....9-544	TEXAS REFERENCE MARKER.....T2-5.5
SPRINKLE TREATMENT.....SS 20.02	SULPHLEX SEAL COAT.....9-550	TEXAS SMALL NETWORK PKG.....0-119
	SULPHUR ASPHALT.....EP630-01	

- KEYWORD INDEX -

TEXAS SMALL NETWORK PKG.....0-167	TRAFFIC CONTROL DEVICES.....7-1938	TRAFFIC INFORMATION.....0-269
TEXAS TRANSIT NEEDS.....7-2004	TRAFFIC CONTROL DEVICES.....7-1949	TRAFFIC MANAGE.,FREEWAY.....0-228
TEXAS TRAVEL DEMAND PACK.....0-454	TRAFFIC CONTROL GUIDES.....0-410	TRAFFIC MANAGEMENT SIMUL.....9-572
TEXTURE OF CONCRETE.....0-369	TRAFFIC CONTROL ON DRVRS.....0-1216	TRAFFIC MODEL,INTERSECT.....0-361
TEXTURE PROFILE RECORDER.....0-133	TRAFFIC CONTROL PLAN.....T2-3.5	TRAFFIC MOOEL,INTERSECT.....0-1258
TEXTURING OF CONCRETE.....0-187	TRAFFIC CONTROL STUDY.....9-509	TRAFFIC MONITORING W/ TV.....0-398
THERMAL CRACKING.....0-18	TRAFFIC CONTROL SYSTEM.....0-1255	TRAFFIC OPERATION,FREEWAY....RP-16(09)
THIN FLEXIBLE PAVEMENT.....0-345	TRAFFIC CONTROL,COMPUTER.....0-165	TRAFFIC PATTERN ASSESS.....0-1108
THIN-BONDED CONCR. OVERLA.....9-561	TRAFFIC CONTROL,FREEWAY.....0-173	TRAFFIC PLANNING FOR EVAC.....0-1231
THIN-BONDED OVERLAY.....0-357	TRAFFIC CONTROL,FREEWAY.....0-202	TRAFFIC PLANS,WORK ZONE.....0-321
THIN-BONOED OVERLAY.....0-457	TRAFFIC CONTROL,FREEWAY.....9-501	TRAFFIC PROBLEMS ON DRVRS.....0-1216
THIN-BONDED OVERLAY.....EP632-01	TRAFFIC CONTROL,FREEWAY.....7-982	TRAFFIC PROJECTION TECH.....0-119
THIN-BONDED OVERLAY IH610.....7-920	TRAFFIC CONTROL,INTERSECT.....0-78	TRAFFIC SERVICE QUALITY.....0-304
THIN-BONDED OVERLAY IH610.....7-920	TRAFFIC CONTROL,WORK ZNE.....0-495	TRAFFIC SIGNAL RETIMING.....0-1164
THIN-BONDED OVERLAYS.....0-1124	TRAFFIC CONTROL,WORK ZONE.....0-377	TRAFFIC SIGNAL SPIKE PROT.....0-374
THIRD-POINT LOADING.....0-1119	TRAFFIC CONTROL,WORK ZONE.....7-1938	TRAFFIC SIGNAL,FLASHING.....0-1297
TIES DESIGN SYSTEM.....0-107	TRAFFIC CONTROL,WORKZONE.....0-1188	TRAFFIC SIMULATION.....0-184
TIES ROADWAY DESIGN SYS.....0-171	TRAFFIC CONTROLLERS.....0-165	TRAFFIC SURVEILLANCE.....0-165
TIME,PROJECT COMPLETION.....0-1262	TRAFFIC COUNT. INFRARED.....0-1162	TRAFFIC SURVEILLANCE.....0-47
TIME,TRAVEL,FREEWAY.....0-165	TRAFFIC COUNTER ANALYSIS.....0-421	TRAFFIC SURVEY DEVICE.....RP-21(01)
TINE FINISH ON CRCP.....EP623-01	TRAFFIC COUNTER TUBING.....1-2000	TRAFFIC VOLUME PREDIC.....0-225
TIRE CONTACT PRESSURE.....0-1190	TRAFFIC COUNTER,INFRARED....RP-21(02)	TRAFFIC VOLUME,FREEWAY.....SS 05.00
TIRE PRESSURE COLLECTION.....0-493	TRAFFIC COUNTER,TELEMETR.....7-917	TRAFFIC VOLUME/SPEED REL.....0-327
TIRE PRESSURE EFFECTS.....0-1184	TRAFFIC COUNTING COMMUNIC.....7-990	TRANSDUCER,FOR PILE FORCE.....0-31
TIRE PRESSURE LOADING.....0-386	TRAFFIC COUNTING PROGRAM.....0-1142	TRANSIT ACCESSIBILITY.....7-1061
TIRE PRESSURES ON ASPHALT.....0-372	TRAFFIC COUNTING SCHEDULE.....0-496	TRANSIT AND MINDRITIES.....7-1054
TIRE PRESSURES,TRUCK.....0-491	TRAFFIC COUNTING SOFTWARE.....1-2031	TRANSIT AUTHORITY,METRO.....7-1081
TOLL ROADS.....0-413	TRAFFIC COUNTING,ACR.....1-2029	TRANSIT BENEFITS,URBAN.....7-2003
TOURISM,CONSTR. EFFECTS.....0-1106	TRAFFIC COUNTING,ACR.....1-2030	TRANSIT DEMAND,RURAL.....7-1080
TOURISTS,PROFILE OF.....0-1299	TRAFFIC COUNTING-DIST 24.....1-2018	TRANSIT EFFECTIVENESS.....7-1077
TRADE AGREEMENT,FREE.....0-1312	TRAFFIC COUNTS,DS2,12,15.....1-2033	TRANSIT FINANCE,EQUITY IN.....7-1078
TRAFFIC ASSIGNMENT.....0-17	TRAFFIC COUNTS,RR CROSS.....7-1973	TRANSIT FINANCIAL ANAL.....7-1073
TRAFFIC ASSIGNMENT.....0-60	TRAFFIC COUNTS-CENTRAL TX.....1-2004	TRANSIT GRADE CROSSING.....0-339
TRAFFIC ASSIGNMENT.....0-454	TRAFFIC COUNTS-DIST 13.....1-2021	TRANSIT IN CITIES<200,000.....7-1051
TRAFFIC ASSIGNMENT.....0-1235	TRAFFIC COUNTS-DIST 3,25.....1-2019	TRANSIT IN RAILROAD ROW.....7-1074
TRAFFIC ASSIGNMENT TECH.....0-119	TRAFFIC COUNTS-DIST14,15.....1-2022	TRANSIT LABOR DISPUTES.....7-1076
TRAFFIC ASSIGNMNT PROCESS.....0-1153	TRAFFIC COUNTS-DIST7,8,23.....1-2020	TRANSIT LEVEL-OF-SERVICE.....7-1067
TRAFFIC AT WORK ZONES.....SS 05.03	TRAFFIC COUNTS-DS.2,12,18.....1-2032	TRANSIT NEEDS STUDY.....7-2004
TRAFFIC BEHAVIOR,FREEWAY....RP-16(10)	TRAFFIC COUNTS-EAST TX.....1-2007	TRANSIT OPERATIONS,SMALL.....7-1089
TRAFFIC CAPACITY.....0-1111	TRAFFIC COUNTS-WEST TX.....1-2003	TRANSIT OPERATIONS,SMALL.....7-1092
TRAFFIC CAPACITY ANALYSIS....SS 05.01	TRAFFIC DATA ACQUISITION.....0-245	TRANSIT PLANNING.....7-1066
TRAFFIC CAPACITY,FREEWAY.....0-1196	TRAFFIC DATA COLLECTION.....0-469	TRANSIT PROFILE DEVEL.....7-2005
TRAFFIC CAPACITY,FREEWAY.....0-210	TRAFFIC DATA COLLECTION.....0-1154	TRANSIT RIDERSHIP DATA.....7-1087
TRAFFIC CIRCULATION ANAL.....7-955	TRAFFIC DATA COLLECTION.....0-290	TRANSIT SERVICES/PROVIDER.....7-1990
TRAFFIC CLASSIFICATION.....0-1162	TRAFFIC DATA COLLECTION.....1-2025	TRANSIT STREET IMPROVE.....0-1225
TRAFFIC CLASSIFICATION.....1-1251	TRAFFIC DATA MANAGEMENT.....1-2025	TRANSIT SYSTEM EVALUATION.....7-2008
TRAFFIC CONGEST.,FREEWAY....SS 05.02	TRAFFIC DELAY CALC.....0-327	TRANSIT,BREAK-EVEN.....7-1088
TRAFFIC CONGESTION.....1-1252	TRAFFIC DELAY COSTS.....0-396	TRANSIT,COST EFFECTS ON.....7-1060
TRAFFIC CONGESTION.....0-1131	TRAFFIC DETECTOR HANDBOOK.....0-1163	TRANSIT,JUSTIFICATION FOR.....7-2007
TRAFFIC CONGESTION,URBAN.....0-1252	TRAFFIC DEVICES,UNDERSTA.....0-1261	TRANSIT,LIGHT RAIL.....7-1058
TRAFFIC CONTR,INTERCHANGE.....0-1148	TRAFFIC ESTIMATION.....0-95	TRANSIT,PAST/PRESENT/FUTR.....0-143
TRAFFIC CONTR.,UNDERSTAND.....0-232	TRAFFIC EVAL FOR PVMT DES.....NY 63-3	TRANSIT,SUBSIDIZED.....7-1084
TRAFFIC CONTR.,WORK ZONES.....0-1161	TRAFFIC FLOW ON FREEWAY.....9-517	TRANSIT,SUBURBAN DEVEL.....7-2001
TRAFFIC CONTROL AT WKZONE.....0-321	TRAFFIC FORECASTING.....0-1112	TRANSIT-HIGHWAY CO-DEVEL.....0-1206
TRAFFIC CONTROL DEVICE.....7-1917	TRAFFIC IN WORK ZONE.....0-292	TRANSITIONS.....0-461

- KEYWORD INDEX -

TRANSITWAY DESIGN.....0-425	TRUCK LANES,EXCLUSIVE.....0-331	UNDERSEAL,POLYMER-FABRIC.....EP606-09
TRANSITWAY INTERCHANGE.....0-1113	TRUCK LOAD ESTIMATION.....0-352	UNDERSEAL,POLYMER-FABRIC.....EP606-10
TRANSITWAY PROJECTS.....0-320	TRUCK LOAD SIMULATION.....0-1246	UNDERSEAL,POLYMER-FABRIC.....EP606-11
TRANSITWAY SYSTEMS.....7-1086	TRUCK LOADING OF HIGHWAYS.....0-131	UNDERSEAL,ROADBOND.....EP608-02
TRANSITWAY WIDTH.....0-339	TRUCK LOADING OF HIGHWAYS.....0-241	UNDERSEAL,ROADGLAS.....EP608-02
TRANSITWAY,HOV LANES.....0-1146	TRUCK LOADING OF HIGHWAYS.....0-231	UNDERSEAL,RUBBER.....EP606-06
TRANSITWAY,KATY.....0-484	TRUCK OPERATIONS,FREEWAY.....0-338	UNIVERSAL PRODUCT CODE.....0-1143
TRANSITWAYS,MULTIAGENCY.....0-320	TRUCK OVERWEIGHT PERMITS.....0-1266	UPC-UNIVERSAL PROD. CODE.....0-1143
TRANSP. SYSTEM COMPARISON.....0-1217	TRUCK PERMIT FEES.....7-918	URBAN ARTERIAL EVALUATION.....0-1128
TRANSPORT. EXPENDITURES.....0-1228	TRUCK PERMIT FEES.....7-919	URBAN ECONOMIC BASE INFO.....0-64
TRANSPORT. NEEDS ASSESS.....0-1221	TRUCK RESTRICTIONS ON IHS.....0-1152	URBAN HIGHWAY RESEARCH.....0-1232
TRANSPORTATION COMMUNIC.....7-945	TRUCK SIZE AND WEIGHT.....0-241	URBAN MOBILITY.....0-1131
TRANSPORTATION COMMUNICAT.....7-904	TRUCK SIZES/WEIGHTS.....0-491	URBAN MOBILITY RESEARCH.....7-1075
TRANSPORTATION CORPORAT.....0-1270	TRUCK TIRE PRESSURE.....0-1190	URBAN MOBILITY VIA HOV.....0-339
TRANSPORTATION EXPEND.....0-268	TRUCK TIRE PRESSURE.....0-378	URBAN MOBILITY: ARTERIAL.....0-1107
TRANSPORTATION PLANNING.....0-215	TRUCK TIRE PRESSURE.....0-386	URBAN PAVEMENT CONSTR.....0-1227
TRANSPORTATION PLANNING.....0-1110	TRUCK TIRES ON ASPHALT.....0-372	URBAN TRAFFIC CIRCULATION.....7-955
TRANSPORTATION PLANNING.....0-1235	TRUCK TRAFFIC,BORDER.....0-1312	URBAN TRANSPORTATION.....0-17
TRANSPORTATION PLANNING.....0-1112	TRUCK TRAFFIC,INTERNATION.....1-2034	URBAN TRANSPORTATION.....7-996
TRANSPORTATION PLANNING.....7-985	TRUCK TRAFFIC,LANAL DIST.....0-310	URBAN TRANSPORTATION.....0-1279
TRANSPORTATION PLANNING.....7-995	TRUCK TRAFFIC,SPECIAL.....0-420	URBAN TRAVEL DEMAND.....0-1120
TRANSPORTATION PLANNING.....7-1940	TRUCK TRAFFIC,SPECIAL USE.....7-1905	URBAN TRAVEL IN TEXAS.....1-1099
TRANSPORTATION PLANNING.....7-1941	TRUCK TRANSMISSIONS,DUMP.....7-979	URBAN TRAVEL SURVEYS.....1-1099
TRANSPORTATION PLANNING.....7-1995	TRUCK USE OF HIGHWAYS.....0-131	URBAN WORK ZONE.....0-1161
TRANSPORTATION TECHNOLOGY.....0-1245	TRUCK USE OF HIGHWAYS.....0-332	USER DELAY COSTS.....0-1108
TRANSPORTATION,HANDICAP.....7-1055	TRUCK USE OF HIGHWAYS.....0-362	USER INFORMATION.....7-957
TRANSPORTATION,HUMAN SERV.....7-1063	TRUCK VOLUME FORECASTING.....0-1235	UTILITY ACCOMMODATION.....0-411
TRANSPORTATION,HUMAN SERV.....7-1065	TRUCK WARNING SYS.,HEAVY.....7-992	UTILITY DISTRICTS,ROAD.....0-1270
TRANSPORTATION,RURAL.....7-1069	TRUCK WEIGH-IN-MOTION.....1-2027	V-PLOW ATTACHMENT.....T2-3.3
TRANSPORTATION,RURAL.....7-1990	TRUCK WEIGH-IN-MOTION.....1-2028	VALUE ENGR OF CRCP REPAIR.....9-532
TRAVEL DEMAND,LATENT.....0-1120	TRUCK WEIGHING ACCURACY.....0-131	VANPOOLING DEMAND.....0-205
TRAVEL DEMAND,TEXAS.....7-947	TRUCK WEIGHING PROGRAM.....0-424	VANPOOLS IN HOV LANE.....0-484
TRAVEL FORECASTING.....0-167	TRUCK WEIGHING,PORTABLE.....0-54	VARIABLE-MATRIX SIGNS.....9-509
TRAVEL FORECASTING.....0-1235	TRUCK WEIGHT DISTRIBUTION.....SS 02.00	VEGETATION CONTROL.....0-13
TRAVEL IMPACT,CONSTRUCT.....0-1108	TRUCK WEIGHT-IN-MOTION.....9-557	VEGETATION MANAGEMENT.....0-142
TRAVEL IN TEXAS,URBAN.....1-1099	TRUCK WEIGHT/SIZE.....0-378	VEGETATION MANAGEMENT.....0-182
TRAVEL INFORMATION.....0-269	TRUCK-MOUNTED ATTENUATOR.....7-991	VEGETATION MANAGEMENT.....7-1914
TRAVEL SURVEYS, URBAN.....1-1099	TRUCK-MOUNTED BARRIER.....0-262	VEGETATION MANAGEMENT PRG.....7-902
TRAVEL TIME VALUES.....0-396	TRUCK-TIRE PRESSURE.....0-493	VEGETATION ON ROW.....0-67
TRIANGULATION,RAIAL.....0-79	TRUCK/CAR ACCIDENTS.....0-231	VEGETATION,EMBANKMENT.....EP634-01
TRIDAQS PROGRAM MODIF.....7-975	TRUCKING COSTS,PRIVATE.....RP-02(06)	VEHICLE CLASSIFICATION.....0-95
TRIP DISTRIBUTION.....0-167	TRUCKS ON CONTRAFLOW LANE.....0-205	VEHICLE CLASSIFICATION.....1-2035
TRIP GENERATION.....0-60	TRUCKS,ECONOMIC EFFECTS.....0-231	VEHICLE CLASSIFICATION.....1-2026
TRIP LENGTH.....0-17	TRUCKS,LONGER/WIOER.....0-447	VEHICLE CLASSIFICATION.....7-1901
TRIPCALS PROGRAM.....0-1235	TRUCKS,LONGER/WIDER.....0-397	VEHICLE DETECTION SYSTEM.....0-290
TROXLER ASPHALT GAUGE.....0-1116	TUBING,TRAFFIC COUNTER.....1-2000	VEHICLE DETECTOR.....0-259
TRUCK ACCESS TO HIGHWAY.....0-336	TUNNEL TRAFFIC.....0-47	VEHICLE IDENTIFICATION.....0-291
TRUCK ACCIDENTS.....0-331	TURN LANES,AUXILIARY.....0-1111	VEHICLE IMPACT ON OVERLAY.....7-1920
TRUCK BRIOGE RAIL.....0-416	TURNING MOVEMENT COUNT.....0-309	VEHICLE PLACEMENT SURVEY....RP-17(01)
TRUCK BRIDGE RAIL.....0-230	TWO-DIMENSIONAL ANALYSIS.....0-466	VEHICLE PLACEMENT/BRIDGE....RP-17(02)
TRUCK BRIDGE RAIL.....7-911	U-TURN, AT INTERCHANGE.....0-24	VEHICLE PLACEMENT/BRIDGE....RP-17(03)
TRUCK CLIMBING CHAR.....0-134	UMTA 16B(2) EVAL.....7-1055	VEHICLE REGISTRATION VIOL.....0-1202
TRUCK IDENTIFICATION.....0-1143	UNDERSEAL,FABRIC.....0-261	VEHICLE REPAIR.....7-986
TRUCK LANE NEEDS.....0-356	UNDERSEAL,FABRIC.....EP606-07	VEHICLE SENSOR,OVERHEAD.....0-426
TRUCK LANE,EXCLUSIVE.....0-393	UNDERSEAL,POLYMER.....EP606-04	VEHICLE SIDE FRICTION.....7-1949



- KEYWORD INDEX -

VEHICLE STABILITY.....	0-328	WHEEL-PATH DEPTH.....	0-138
VEHICLE TRACKING-HORIZ.CV.....	7-1949	WIDE-PAVED SHOULDERS.....	0-1114
VEHICLE,SMALL,ON BARRIER.....	0-333	WIDENING,ECONOMIC IMPACT.....	0-1260
VIBRATING CONCRETE.....	0-128	WIDENING,HIGHWAY.....	7-968
VIBRATION ON CONCR. QUAL.....	0-141	WIDENING,LANE-USE EFF.....	0-225
VIBRATORY ROLLER ON ACP.....	0-317	WILDFLOWER PROPAGATION.....	7-902
VIDEO IMAGERY FOR DIST 12.....	7-1925	WILDLIFE ON ROW.....	0-197
VIDEO IMAGERY FOR DS-17.....	7-1990	WILDLIFE,PELICAN/BRIDGES.....	0-1226
VIDEO IMAGERY HWY-288.....	7-1990	WIM SYSTEM,PZO FILM.....	0-1220
VIDEO IMAGERY HWY-71.....	7-1990	WIM,LOW COST.....	0-1140
VIDEO IMAGERY,DS-17.....	7-1900	WIND DRAG ON SIGNS.....	0-1207
VIDEO IMAGERY,I-610W.....	7-1990	WIND ENERGY FOR FIELD OFF.....	9-545
VIDEOTAPE CATALOG.....	T2-5.2	WIND LOADING OF SIGNS ETC.....	0-1303
VISIBILITY IN RAIN.....	0-135	WIND LOADS ON SIGNS.....	0-209
VISITORS,PROFILE OF.....	0-1299	WIRTGEN RECYCLING EQUIP.....	EP604-02
VISUAL AIDS,PMS.....	7-1900	WORK HOURS,STAGGERED.....	0-24
VISUALIZATION TECHNOLOGY.....	0-1284	WORK TIME,ALTERNATIVE.....	0-192
VOID DETECTION IN CONCR.....	0-246	WORK ZONE BARRIERS,SNAKE.....	DHT-09
VOID DETECTION,RIGID PVT.....	0-249	WORK ZONE CONTROL DEVICE.....	7-1917
VOID SPACING INDICATOR.....	9-504	WORK ZONE PERSONNEL.....	0-330
VOID SPACING,INDICATOR.....	0-103	WORK ZONE TRAFF. CONTROL.....	0-1188
W-BEAM-DN-BARRELS.....	0-262	WORK ZONE TRAFFIC.....	SS 05.03
WALL THICKNESS FOR PIERS.....	0-1180	WORK ZONE TRAFFIC CONTR.....	0-262
WARNING DEVICES,RAILROAD.....	0-1273	WORK ZONE TRAFFIC CONTR.....	0-263
WASHTO STUDY-TRANSP. SYST.....	0-1217	WORK ZONE TRAFFIC CONTR.....	0-292
WASTEWATER SYSTEMS.....	0-442	WORK ZONE TRAFFIC CONTROL.....	0-495
WATER DEPTH,PAVEMENT.....	0-138	WORK ZONE TRAFFIC CONTROL.....	0-1161
WATER POLLUTION.....	0-16	WORK ZONE TRAFFIC CONTROL.....	7-1938
WATER POLLUTION FROM HWY.....	9-516	WORK ZONE TRAFFIC CONTROL.....	0-321
WATER POLLUTION-RUNOFF.....	7-1943	WORK ZONE TRAFFIC CONTROL.....	0-377
WATER QUALITY.....	7-1900	WORK ZONE TRAFFIC CONTROL.....	0-406
WATER QUALITY,HWY IMPACT.....	0-1224	WORK ZONE TRAFFIC CONTROL.....	0-410
WATER REDUCERS IN CONCR.....	0-1117	WORK ZONE TRAFFIC MANAGE.....	0-228
WATER REDUCERS IN SLAB.....	DHT-16	WORK ZONES.....	0-263
WATERWAY USER CHARGES.....	7-1068	WRONG-WAY DRIVING.....	0-139
WAVE EQUATION ON PILES.....	0-33	X-RAMP DESIGN.....	0-335
WAVE EQUATION ON PILES.....	0-125		
WAVE EQUATION, PILES.....	0-195		
WEAVING,RAMP EFFECTS.....	0-59		
WEIGH-IN-MOTION.....	0-1140		
WEIGH-IN-MOTION,INFRARED.....	0-1162		
WEIGH-IN-MOTION,PZD.....	0-1220		
WEIGH-IN-MOTION,TRUCK.....	I-2027		
WEIGH-IN-MOTION,TRUCK.....	I-2028		
WEIGHING IN MOTION.....	0-54		
WEIGHING TRUCKS IN MOTION.....	0-181		
WEIGHT DATA.....	0-95		
WEIGHT-IN-MOTION,TRUCK.....	9-557		
WELOED JOINT STRESSES.....	0-306		
WELDMENTS,ELECTRO-SLAG.....	0-157		
WELDS IN STEEL,TESTING.....	RP-05(01)		
WET ASPHALT REPAIR.....	0-359		
WET BALL TEST.....	0-1222		
WET WEATHER SAFETY INDEX.....	0-221		
WET-DRY TENSILE TEST.....	0-253		



- INDEX OF RESEARCHERS & AUTHORS -

ABDELRAOUF, MR.....	0-56-2B	ALKIER, K.....	0-192	ASRI BIN ABD RAHIM, M.....	0-1165-1
ABDUL-MALAK, MU.....	0-451-1F	ALLEN, C.....	0-288-2	ATIMTAY, E.....	0-112-1F
ABDUL-MALAK, MU.....	0-490-1	ALLEN, CJ.....	0-408-1	ATNIP, FE.....	9-543-1
ABOU-AYYASH, A.....	0-56-22	ALLEN, G.....	9-535-1F	ATNIP, FE.....	9-543-2
ABOU-AYYASH, A.....	0-56-26	ALLEN, TJ.....	0-182-1	ATNIP, FE.....	9-543-3
ABOU-AYYASH, A.....	0-56-27	ALLEN, TJ.....	0-182-2F	ATNIP, FE.....	9-543-5F
ABOUTAHA, R.....	0-1210-2	ALLID, WH.....	0-66-1	AURORA, RP.....	0-176-4
ABRAMS, TG.....	0-161-1	ALLIO, WH.....	0-66-2F	AWOSHKA, K.....	0-117-3F
ACAMPORA, M.....	7-1906-1F	ALLISON, JT.....	0-325-1F	AYOUB, N.....	0-374-1F
ACUFF, A.....	0-275-1F	ALMUSTAFA, RA.....	0-316-2	AYOUB, N.....	0-493-1F
ADAMS, CK.....	0-285-4	AMERI-GAZNON, M.....	0-452-3F	BABB, GR.....	0-75-11
ADAMS, CK.....	0-287-4F	AMERI-GAZNON, M.....	0-1172-1F	BABB, LV.....	0-279-2F
ADAMS, CK.....	0-347-1	ANAGNOS, JN.....	0-89-4	BACHMAN, PM.....	0-465-1
ADAMS, CK.....	0-449	ANAGNOS, JN.....	0-98-8	BAGATE, M.....	0-357-2F
ADAMS, CK.....	0-449-1F	ANAGNOS, JN.....	0-98-10	BAGATE, M.....	0-457-3
ADAMS, CK.....	0-449-1F	ANAGNOS, JN.....	0-183-6	BALKE, K.....	0-1293
ADAMS, CK.....	0-471-1	ANAGNOS, JN.....	0-183-13	BALKE, KN.....	0-377-2F
ADEDIMILA, AS.....	0-183-5	ANAGNOS, JN.....	0-183-14	BALLARD, AJ.....	0-210-12F
ADEDIMILA, AS.....	0-183-10	ANAGNOS, JN.....	0-252-1	BALLARD, AJ.....	0-376
ADKINS, WG.....	0-24-22	ANAGNOS, JN.....	0-252-2	BALLARD, DE.....	0-141-4F
ADKINS, WG.....	0-82	ANAGNOS, JN.....	0-252-4F	BALLDU, R.....	0-311-6
ADKINS, WG.....	0-100	ANAGNOS, JN.....	0-253-5	BANISTER, B.....	9-504
ADKINS, WG.....	0-100-1F	ANAGNOS, JN.....	0-253-6	BANISTER, BN.....	0-240
ADKINS, WG.....	0-131	ANAGNOS, JN.....	0-253-7	BANISTER, BN.....	0-240-2
ADKINS, WG.....	0-131-1	ANAGNOS, JN.....	0-253-8	BANISTER, BN.....	9-504-1F
ADKINS, WG.....	0-131-2F	ANAGNOS, JN.....	0-253-9F	BANKS, RK.....	9-542
ADKINS, WG.....	0-131-INT.	ANAGNOS, JN.....	0-317-1	BANKS, RK.....	9-542-1F
ADKINS, WG.....	0-144	ANAGNOS, JN.....	0-317-2F	BARKER, WR.....	0-89-6
ADKINS, WG.....	0-148	ANAGNOS, JN.....	0-366-1F	BARKER, WR.....	0-89-9
ADKINS, WG.....	0-148-1	ANAGNOS, JN.....	0-1116-1F	BARNES, K.....	7-1087-3F
ADKINS, WG.....	0-148-2	ANCHDND, JJ.....	0-1294	BARNES, KE.....	7-1087
ADKINS, WG.....	0-148-4	ANDERSON, BS.....	0-1299-1F	BARNES, KE.....	7-1087-1
ADKINS, WG.....	0-148-PROG.	ANDERSON, DA.....	0-30-3F	BARNES, KE.....	7-1087-2
AFIESTIMAMA, A.....	7-952	ANDERSON, DA.....	0-173-1	BARNES, KE.....	7-1087-3
AFTAB, S.....	0-1183-1	ANDERSON, DA.....	0-203-2F	BARNES, W.....	9-530
AFTAB, S.....	0-1183-2	ANDERSON, J.....	0-340-2	BARNES, WD.....	9-530-1
AFTAB, S.....	0-1183-3	ANDERSON, KO.....	0-287-3	BARNES, WD.....	9-530-2F
AGARWAL, H.....	0-1156-1F	ANDERSON, RB.....	0-389-1F	BARNETT, JD.....	0-6-1
AGARWAL, SL.....	0-56-15	ANDERSON, RB.....	0-1127-1	BARNETT, JD.....	0-6-2
AGGARWAL, JK.....	0-256-3	ANDERSON, SM.....	0-1117-1	BARNETT, JD.....	0-6-FINAL
AGUIRRE, R.....	0-92-1	ARBUCKLE, RP.....	0-301-1F	BARROW, RS.....	0-481-2
AHMAD, A.....	0-81-14	ARCHULETA JR, LG.....	0-364-1	BARTA, SA.....	0-488-1F
AHMAD, A.....	0-164-2	ARDEKANI, S.....	0-304-1	BARTEL, HH.....	0-5-4
AHMAD, A.....	0-164-4F	ARDEKANI, S.....	0-304-2F	BARTON, DL.....	0-1127-1
AHMED, NV.....	0-207-3	ARDEKANI, SA.....	0-1256	BARTOSKEWITZ, RE.....	0-10-1
AIRHART, TP.....	0-33-8	ARMSTRONG, KS.....	0-382-1	BARTOSKEWITZ, RE.....	0-10-2
AL-RASHID, NI.....	0-54-1F	ARMSTRONG, KS.....	0-382-2F	BARTOSKEWITZ, RE.....	0-10-3F
ALAM, SM.....	0-240-3	ARMSTRONG, TI.....	0-99-1	BARTOSKEWITZ, RE.....	0-31-1F
ALAM, SM.....	0-240-4F	ARNOLD, A.....	0-230-4F	BARTOSKEWITZ, RE.....	0-125-5
ALANI, AF.....	0-115-1F	ARNOLD, A.....	0-295-1F	BARTOSKEWITZ, RE.....	0-125-6
ALBERS, H.....	9-565	ARNOLD, A.....	0-343-3F	BARTOSKEWITZ, RE.....	0-125-7
ALBERT, S.....	0-393-1	ASHKAR, BH.....	0-133-2	BARTOSKEWITZ, RE.....	0-125-8F
ALBERT, S.....	0-393-2	ASHKAR, BH.....	0-133-3F	BARTOSKEWITZ, RE.....	0-169-1
ALBERT, S.....	0-1113-1	ASIK, M.....	0-1205-3	BARTOSKEWITZ, RE.....	0-169-2
ALBERT, S.....	0-1113-1F	ASRI BIN ABD RAHIM, M.....	0-1165-1	BARTOSKEWITZ, RE.....	0-169-3

- INDEX OF RESEARCHERS & AUTHORS -

BARTOSKEWITZ,RE.....	0-169-4F	BENSON,FC.....	9-536-6	BIGGS,RG.....	0-165-4
BARTOSKEWITZ,RE.....	0-195-1F	BENSON,FC.....	9-536-7	BIGGS,RG.....	0-165-9
BARTOSKEWITZ,RE.....	0-211	BENSON,FC.....	9-536-8	BIGGS,RG.....	0-269-1F
BARTOSKEWITZ,RE.....	0-211-1	BENSON,FC.....	9-536-9	BIGGS,RG.....	SS 05.03
BARTOSKEWITZ,RE.....	0-236	BENSON,FC.....	9-536-10	BIGLEY,SW.....	9-519-7F
BARTOSKEWITZ,RE.....	0-236-1	BENSON,FC.....	9-536-11	BILLINGSLEY,NA.....	EP604-01
BARTOSKEWITZ,RE.....	0-236-2F	BENSON,FC.....	9-547-1	BILLINGSLEY,NA.....	SS 04.00
BARTOSKEWITZ,RE.....	0-294	BENSON,FC.....	9-547-2	BILLINGSLEY,RS.....	7-1057-1F
BARTOSKEWITZ,RE.....	0-294-2F	BENSON,FC.....	9-547-3	BINGHAM, JM.....	0-37
BASS,DA.....	DHT-12	BENSON,FC.....	9-547-4F	BINGHAM, JM.....	0-37-1
BASS,DA.....	EP602-01	BENSON,FC.....	7-916-1F	BINGHAM, JM.....	0-37-2F
BASS,P.....	7-965-1F	BENSON,J.....	0-454	BIROWELL,RJ.....	0-140-1
BAXTER,CW.....	SS 06.00	BENSON,J.....	0-1103	BIRKHOFF, JW.....	0-177-18
BAYLESS,B.....	EP625-01	BENSON,J.....	0-1107	BISWAS,M.....	0-324
BEAIRD, JL.....	0-284-3A	BENSON,J.....	0-1153	BLACK,A.....	7-1051-1F
BEAIRD, JL.....	EP606-13	BENSON,J.....	7-1953	BLACK,A.....	7-1058-1F
BEAIRD, JL.....	SS 15.05	BENSON,JD.....	0-17-1	BLANK,HR.....	0-81-6
BEASLEY,PS.....	0-1232-2	BENSON,JD.....	0-17-2	BLANK,HR.....	0-81-9
BEASON,WL.....	0-262-5	BENSON,JD.....	0-17-3F	BLASCHKE,JD.....	0-411-1F
BEASON,WL.....	0-417-1F	BENSON,JD.....	0-119-3F	BLASCHKE,JD.....	7-940
BEASON,WL.....	0-1185	BENSON,JD.....	0-167-1	BLASCHKE,JD.....	0-1109-1f
BEAUPRE,RJ.....	0-365-2	BENSON,JD.....	0-167-2	BLASCHKE,JD.....	0-1237
BECK,R.....	0-394-1F	BENSON,JD.....	0-167-3	BLASCHKE,JD.....	0-1241
BECKER,R.....	0-420-1	BENSON,JD.....	0-167-4	BLASCHKE,JD.....	0-1241-1
BEEN,JE.....	0-1127-2	BENSON,JD.....	0-167-7	BLASCHKE,JD.....	0-1241-3F
BEER,GP.....	0-311-1	BENSON,JO.....	0-167-8	BLASIENZ,J.....	9-529
BEER,GP.....	0-311-2	BENSON,JD.....	0-167-9F	BLASIENZ,JA.....	9-529-1F
BEGGS,D.....	0-405-2F	BENSON,JD.....	0-454-1F	BLIGH,RP.....	0-404-1F
BEILFUSS,CW.....	9-520-4F	BENSON,JD.....	0-1103-2F	BLIGH,RP.....	0-461-1F
BELL,CE.....	0-119-1	BENSON,JD.....	0-1107-2	BLIGH,RP.....	0-1147-1F
BELL,CE.....	0-119-2	BENSON,PE.....	0-175-2F	BLIGH,RP.....	0-1212
BELL,CE.....	0-167-1	BENSON,RH.....	1-1251	BLIGH,RP.....	0-1212-1F
BELL,CE.....	0-167-2	BENSON,RH.....	1-1251-1F	BLUMENTRITT,CH.....	7-975
BELL,CE.....	0-167-3	BERGER,WJ.....	0-125-8F	BLUMENTRITT,CW.....	0-60
BELL,CE.....	0-167-4	BERGER,WJ.....	0-135-1	BLUMENTRITT,CW.....	0-60-5
BELL,CE.....	0-282-2F	BERGMEISTER,K.....	0-1127-3F	BLUMENTRITT,CW.....	0-60-6
BELL,CE.....	0-454-1F	BERMUDEZ-GOLDMAN,AJ.....	0-385-2F	BLUMENTRITT,CW.....	0-210-8
BELL,CE.....	7-947-3	BERNAL,JB.....	0-308-1F	BLUMENTRITT,CW.....	0-221-1F
BELL,CE.....	7-947-5	BERRY,DJ.....	0-30-1	BLUMENTRITT,CW.....	0-269
BELL,CE.....	0-1235-3	BERTRAND,C.....	0-1167-1	BLUMENTRITT,CW.....	0-290-3
BENFER,PL.....	0-205-11	BERTRAND,C.....	0-1190-1	BLUMENTRITT,CW.....	0-291
BENNETT,MS.....	0-301-1F	BERTRAND,C.....	0-1223-1	BLUMENTRITT,CW.....	0-291-1F
BENSON,FC.....	0-285-1	BERTRAND,C.....	0-1223-2F	BLUMENTRITT,CW.....	0-398
BENSON,FC.....	0-285-2	BERTRAND,CB.....	7-969-1	BLUMENTRITT,CW.....	0-398-1F
BENSON,FC.....	0-285-3	BERTRAND,CB.....	7-969-2F	BLUMENTRITT,CW.....	0-421-1
BENSON,FC.....	0-285-4	BETESON,.....	SS 26.00	BLUMENTRITT,CW.....	7-936
BENSON,FC.....	0-286-1	BETTS,JE.....	0-63-4F	BLUMENTRITT,CW.....	7-937
BENSON,FC.....	0-286-2	BETTS,JE.....	DHT-14	BLUMENTRITT,CW.....	7-938
BENSON,FC.....	0-286-3	BIAZ,M.....	0-254-2F	BLUMENTRITT,CW.....	7-1931
BENSON,FC.....	0-286-4F	BIERSCHWALE,MW.....	0-211-3F	BLUMENTRITT,CW.....	7-1950
BENSON,FC.....	0-296-1F	BIESCHKE,LA.....	0-303-1F	BOGARD,D.....	0-118-9F
BENSON,FC.....	0-342	BIGGS,J.....	0-271	BONILLA,CR.....	0-376-1
BENSON,FC.....	0-342-1F	BIGGS,J.....	9-548	BONILLA,CR.....	0-376-2F
BENSON,FC.....	9-512-9	BIGGS,R.....	9-513	BONILLA,CR.....	0-395-1
BENSON,FC.....	9-512-12	BIGGS,RG.....	0-139-11	BONILLA,CR.....	0-418-1F

- INDEX OF RESEARCHERS & AUTHORS -

BONILLA, FE	0-324-2	BREEN, JE	0-121	BREEN, JE	0-1209
BONNESON, JA	0-478-2F	BREEN, JE	0-121-1	BREEN, JE	0-1209-1F
BONNESON, JA	0-1148-1	BREEN, JE	0-121-2	BREEN, JE	0-1209-2F
BOOKER, SC	0-406-1F	BREEN, JE	0-121-3	BREEN, JE	0-1211
BORCHARDT, OW	0-210-12F	BREEN, JE	0-121-4	BREEN, JE	0-1234
BORCHARDT, DW	0-281-2F	BREEN, JE	0-121-5	BREEN, JE	0-1264
BORCHAROT, DW	0-335	BREEN, JE	0-121-6F	BRIAUD, JL	0-284
BORCHARDT, DW	0-335-1F	BREEN, JE	0-154	BRIAUD, JL	0-284-3
BORCHARDT, DW	0-339-12	BREEN, JE	0-154-1	BRIAUD, JL	0-340
BOUADI, A	0-1127-1	BREEN, JE	0-154-2	BRIAUD, JL	0-340-1
BOVEY, SI	7-1052-3	BREEN, JE	0-154-3F	BRIAUD, JL	0-340-2
BOWER, SC	0-250-2F	BREEN, JE	0-158	BRIAUD, JL	0-340-3
BOWMAN, JD	0-228-3	BREEN, JE	0-158-1F	BRIAUD, JL	0-340-4F
BOWMER, WJ	0-13-3F	BREEN, JE	0-198	BRICENO, EA	0-113-2
BOWMER, WJ	0-67-1	BREEN, JE	0-198-1F	BRIGES, GS	0-111-1
BOWMER, WJ	0-67-2	BREEN, JE	0-208	BRIDGES, GS	0-482
BOWMER, WJ	0-67-3	BREEN, JE	0-208-1	BRIDGES, GS	0-482-1F
BOWMER, WJ	0-67-6	BREEN, JE	0-208-2	BRIDGES, GS	7-976
BOWMER, WJ	0-67-7	BREEN, JE	0-208-3F	BRIDGES, GS	7-1065
BOWMER, WJ	0-67-8F	BREEN, JE	0-242	BRIDGES, GS	0-1245
BOWMER, WJ	0-142-1	BREEN, JE	0-242-1	BRIGGS, RC	0-331-1
BOWMER, WJ	0-142-2	BREEN, JE	0-242-2	BRION, L	0-466-1F
BOWMER, WJ	0-142-4F	BREEN, JE	0-242-3F	BRITTON, SC	0-81-14
BOWMER, WJ	0-142-PROG.	BREEN, JE	0-248	BRITTON, SC	0-99-5F
BOYCE, C	0-439-1	BREEN, JE	0-248-1	BRITTON, SC	0-127-4F
BOYCE, C	0-439-2	BREEN, JE	0-248-2	BRITTON, SC	0-234
BRACKETT, Q	7-957-1	BREEN, JE	0-248-3	BROCHERTON, MA	0-267-1F
BRACKETT, RQ	0-262-4	BREEN, JE	0-248-4F	BROTCKE, PM	0-118-9F
BRACKETT, RQ	0-330	BREEN, JE	0-254	BROTCKE, PM	0-118-INT.
BRACKETT, RQ	0-330-1F	BREEN, JE	0-254-1	BROUWER, GA	0-1135-1
BRACKETT, RQ	0-399-1F	BREEN, JE	0-254-2F	BROWN, DE	0-294-2F
BRACKETT, RQ	0-418-1F	BREEN, JE	0-300	BROWN, JC	0-89-2
BRACKETT, RQ	7-957	BREEN, JE	0-300-1	BROWN, JC	0-121-4
BRADBERRY, TE	0-381-1	BREEN, JE	0-300-2F	BROWN, JL	0-63
BRADBERRY, TE	7-921	BREEN, JE	0-305	BROWN, JL	0-63-4F
BRADDOCK, B	SS 11.08	BREEN, JE	0-305-1F	BROWN, JL	0-101
BRADDOCK, B	SS 11.10	BREEN, JE	0-316	BROWN, JL	0-101-1F
BRADLEY, CM	0-1101-1F	BREEN, JE	0-316-1	BROWN, JL	0-123
BRANDES, RJ	0-92-4	BREEN, JE	0-316-3F	BROWN, JL	0-123-1
BRANDES, RJ	0-92-5F	BREEN, JE	0-365	BROWN, JL	0-123-2
BRASWELL, E	0-289-1F	BREEN, JE	0-365-1	BROWN, JL	0-123-7
BRASWELL, E	7-1068-1F	BREEN, JE	0-365-2	BROWN, JL	0-123-12
BRAY, DE	0-1268	BREEN, JE	0-365-3F	BROWN, JL	0-123-30F
BREAUX, D	0-1122-1F	BREEN, JE	0-381	BROWN, JL	0-214-9
BREEN, JE	0-29	BREEN, JE	0-381-1	BROWN, JL	0-231-INT.
BREEN, JE	0-29-2F	BREEN, JE	0-381-2	BROWN, JL	SS 01.00
BREEN, JE	0-53	BREEN, JE	0-389-1F	BROWN, JL	SS 01.01
BREEN, JE	0-53-1F	BREEN, JE	0-465	BROWN, JL	SS 15.17
BREEN, JE	0-88-1F	BREEN, JE	0-465-1	BROWN, MR	0-83-1
BREEN, JE	0-94	BREEN, JE	0-465-2F	BROWN, MR	0-83-2F
BREEN, JE	0-94-1	BREEN, JE	0-1127	BROWN, NJ	0-75-1
BREEN, JE	0-94-2	BREEN, JE	0-1127-1	BROWN, R	9-532
BREEN, JE	0-94-3F	BREEN, JE	0-1127-3F	BROWN, WR	9-532-1F
BREEN, JE	0-115	BREEN, JE	0-1180	BRUDESETH, JT	0-60-9
BREEN, JE	0-115-1F	BREEN, JE	0-1180-1F	BRUDESETH, JT	0-60-10

- INDEX OF RESEARCHERS & AUTHORS -

BRUNER, RF .....	0-236-2F	BUFFINGTON, JL .....	0-225-28F	BULLIN, JA .....	0-218-1
BRUNSON, DJ .....	EP616-01	BUFFINGTON, JL .....	0-327-1	BULLIN, JA .....	0-218-2
BUECHLER, J .....	0-17-2	BUFFINGTON, JL .....	0-380	BULLIN, JA .....	0-218-3
BUFFINGTON, JL .....	0-4	BUFFINGTON, JL .....	0-380-1F	BULLIN, JA .....	0-218-4
BUFFINGTON, JL .....	0-4-3	BUFFINGTON, JL .....	0-380-1F SUMMARY	BULLIN, JA .....	0-218-5F
BUFFINGTON, JL .....	0-4-4	BUFFINGTON, JL .....	0-412-1F	BULLIN, JA .....	0-250
BUFFINGTON, JL .....	0-4-5	BUFFINGTON, JL .....	0-480	BULLIN, JA .....	0-250-2F
BUFFINGTON, JL .....	0-4-6	BUFFINGTON, JL .....	0-498-1F	BULLIN, JA .....	0-283
BUFFINGTON, JL .....	0-4-7	BUFFINGTON, JL .....	7-968	BULLIN, JA .....	0-283-1
BUFFINGTON, JL .....	0-4-8	BUFFINGTON, JL .....	7-1066	BULLIN, JA .....	0-283-2
BUFFINGTON, JL .....	0-4-9	BUFFINGTON, JL .....	7-1066-1	BULLIN, JA .....	0-283-3F
BUFFINGTON, JL .....	0-4-11F	BUFFINGTON, JL .....	7-1066-2F	BULLIN, JA .....	0-419-1F
BUFFINGTON, JL .....	0-58-5	BUFFINGTON, JL .....	0-1106-2	BULLIN, JA .....	0-458
BUFFINGTON, JL .....	0-100-1F	BUFFINGTON, JL .....	0-1106-3	BULLIN, JA .....	0-458-1F
BUFFINGTON, JL .....	0-131	BUFFINGTON, JL .....	0-1260	BULLIN, JA .....	0-458-1-F
BUFFINGTON, JL .....	0-131-1	BUFFINGTON, JL .....	7-1904	BULLIN, JA .....	0-458-458-1F
BUFFINGTON, JL .....	0-131-2F	BUFFINGTON, JL .....	7-1904-1	BULLIN, JA .....	9-516-1F
BUFFINGTON, JL .....	0-131-INT.	BUFFINGTON, JL .....	7-1904-1F	BULLIN, JA .....	9-528
BUFFINGTON, JL .....	0-148-1	BUFFINGTON, JL .....	7-1915	BULLIN, JA .....	9-528-1F
BUFFINGTON, JL .....	0-148-2	BUFFINGTON, JL .....	7-1915-1F	BULLIN, JA .....	9-541
BUFFINGTON, JL .....	0-148-3	BUFFINGTON, JL .....	0-154-2	BULLIN, JA .....	9-541-1F
BUFFINGTON, JL .....	0-148-6	BUFFINGTON, JL .....	0-246-2	BULLIN, JA .....	0-1155
BUFFINGTON, JL .....	0-159	BUFFINGTON, JL .....	0-205-11	BULLIN, JA .....	0-1155-1F
BUFFINGTON, JL .....	0-159-1	BULLARD, DL .....	0-205-13	BULLIN, JA .....	0-1224-1F
BUFFINGTON, JL .....	0-159-2	BULLARD, DL .....	0-205-15	BULLIN, JA .....	0-1249
BUFFINGTON, JL .....	0-159-3F	BULLARD, DL .....	0-205-22F	BULLIN, JA .....	0-1314
BUFFINGTON, JL .....	0-202-2	BULLARD, DL .....	0-320	BULLION, C .....	0-148-7F
BUFFINGTON, JL .....	0-210-3	BULLARD, DL .....	0-431	BULLION, C .....	0-159-1
BUFFINGTON, JL .....	0-210-5	BULLARD, DL .....	0-431-1F	BULLION, C .....	0-159-2
BUFFINGTON, JL .....	0-225	BULLARD, DL .....	0-484-4	BURKE, D .....	0-144-1F
BUFFINGTON, JL .....	0-225-2	BULLARD, DL .....	0-484-8	BURKE, D .....	0-148
BUFFINGTON, JL .....	0-225-3	BULLARD, DL .....	0-484-9	BURKE, D .....	0-148-1
BUFFINGTON, JL .....	0-225-4	BULLARD, DL .....	0-484-10	BURKE, D .....	0-148-2
BUFFINGTON, JL .....	0-225-5	BULLARD, DL .....	0-484-12	BURKE, D .....	0-148-4
BUFFINGTON, JL .....	0-225-6	BULLARD, DL .....	0-484-13	BURKE, D .....	0-148-6
BUFFINGTON, JL .....	0-225-7	BULLARD, DL .....	0-484-14F	BURKE, D .....	0-148-7F
BUFFINGTON, JL .....	0-225-8	BULLARD, DL .....	7-1059	BURKE, D .....	0-148-PROG.
BUFFINGTON, JL .....	0-225-9	BULLARD, DL .....	7-1059-1	BURKE, D .....	0-185
BUFFINGTON, JL .....	0-225-10	BULLARD, DL .....	7-1065-1	BURKE, D .....	0-185-1F
BUFFINGTON, JL .....	0-225-11	BULLARD, DL .....	7-1067	BURKE, D .....	0-190
BUFFINGTON, JL .....	0-225-12	BULLARD, DL .....	7-1067-1F	BURKE, D .....	0-190-1
BUFFINGTON, JL .....	0-225-13	BULLARD, DL .....	7-1070-1F	BURKE, D .....	0-191-1
BUFFINGTON, JL .....	0-225-14	BULLARD, DL .....	7-1077	BURKE, D .....	0-191-2F
BUFFINGTON, JL .....	0-225-15	BULLARD, DL .....	7-1077-1F	BURKE, D .....	0-215
BUFFINGTON, JL .....	0-225-16	BULLARD, DL .....	7-1082	BURKE, D .....	0-231
BUFFINGTON, JL .....	0-225-17	BULLARD, DL .....	7-1082-1F	BURKE, D .....	0-231-2F
BUFFINGTON, JL .....	0-225-18	BULLARD, DL .....	7-1084	BURKE, D .....	0-231-INT.
BUFFINGTON, JL .....	0-225-19	BULLARD, DL .....	7-1084-1F	BURKE, D .....	0-289
BUFFINGTON, JL .....	0-225-20	BULLARD, DL .....	7-1095-1F	BURKE, D .....	0-289-1F
BUFFINGTON, JL .....	0-225-21	BULLARD, DL .....	0-1206	BURKE, D .....	0-298
BUFFINGTON, JL .....	0-225-22	BULLARD, DL .....	0-2005	BURKE, D .....	0-298-1
BUFFINGTON, JL .....	0-225-24	BULLARD, DL .....	7-2005	BURKE, D .....	0-298-1
BUFFINGTON, JL .....	0-225-25	BULLARD, DL .....	7-2005-1F	BURKE, D .....	0-298-1
BUFFINGTON, JL .....	0-225-26	BULLARD, DL .....	1-2005-1F	BURKE, D .....	0-298-1
BUFFINGTON, JL .....	0-225-27	BULLIN, JA .....	0-218	BURKE, D .....	0-298-1

- INDEX OF RESEARCHERS & AUTHORS -

BURKE, D.....	0-312-1	BURNS, NH.....	0-121	BUTH, CE.....	0-189-1F
BURKE, D.....	0-312-1	BURNS, NH.....	0-121-4	BUTH, CE.....	0-230
BURKE, D.....	0-312-1	BURNS, NH.....	0-153	BUTH, CE.....	0-230-1
BURKE, D.....	0-312-1	BURNS, NH.....	0-350	BUTH, CE.....	0-404-1F
BURKE, D.....	0-312-1	BURNS, NH.....	0-350-1	BUTH, CE.....	0-416-1
BURKE, D.....	0-331	BURNS, NH.....	0-350-2	BUTH, CE.....	0-1179-2F
BURKE, D.....	0-331-2	BURNS, NH.....	0-350-3	BUTH, CE.....	0-1185-1
BURKE, D.....	0-332	BURNS, NH.....	0-350-4F	BUTH, CE.....	0-1185-2
BURKE, D.....	0-332-1	BURNS, NH.....	0-381	BUTH, CE.....	0-1185-3
BURKE, D.....	0-332-2F	BURNS, NH.....	0-381-3	BUTH, CE.....	0-1185-3F
BURKE, D.....	0-336	BURNS, NH.....	0-381-4F	BUTH, G.....	0-189
BURKE, D.....	0-336-1F	BURNS, NH.....	0-401-1	BUTLER, HD.....	0-62-1F
BURKE, D.....	0-348	BURNS, NH.....	0-401-2	BUTLER, HD.....	0-72
BURKE, D.....	0-348-1F	BURNS, NH.....	0-401-3	BUTLER, HD.....	0-72-1F
BURKE, D.....	0-362-2F	BURNS, NH.....	0-401-4	BUTLER, HD.....	0-149-1F
BURKE, D.....	0-390	BURNS, NH.....	0-401-5	BUTLER, HD.....	0-195
BURKE, D.....	0-392	BURNS, NH.....	0-401-6	BUTLER, HD.....	0-219
BURKE, D.....	0-397	BURNS, NH.....	0-401-7	BUTLER, HD.....	0-219-1F
BURKE, D.....	0-397-4	BURNS, NH.....	0-401-8F	BUTLER, HD.....	9-521
BURKE, D.....	0-397-5F	BURNS, NH.....	0-439-1	BUTLER, HD.....	9-521-1F
BURKE, D.....	7-952	BURNS, NH.....	0-439-2	BUTLER, HD.....	9-538
BURKE, D.....	7-952-1F	BURNS, NH.....	0-439-3	BUTLER, HD.....	9-538-1
BURKE, D.....	7-974	BURNS, NH.....	0-439-4F	BUTLER, HD.....	9-538-2F
BURKE, D.....	7-1060	BURNS, NH.....	0-459-1	BUTLER, HD.....	9-542-1F
BURKE, D.....	7-1060-1	BURNS, NH.....	0-459-2F	BUTLER, HD.....	DHT-16
BURKE, D.....	7-1060-2F	BURNS, NH.....	0-463	BUTLER, HD.....	EP614-03
BURKE, D.....	7-1068-1F	BURNS, NH.....	0-463-1F	BUTLER, HD.....	EP614-04
BURKE, D.....	7-1078	BURNS, NH.....	9-555-555/556-1	BUTLER, HD.....	EP626-01
BURKE, D.....	7-1078-1F	BURNS, NH.....	9-556-3	BUTLER, HD.....	SS 25.01
BURKE, D.....	7-1081	BURNS, NH.....	9-556-4F	BUTTLER, LJ.....	0-123-2
BURKE, D.....	0-1100-1F	BURNS, NH.....	0-1210	BUTTLER, LJ.....	0-123-20
BURKE, D.....	0-1106	BURNS, NH.....	0-1305	BUTTLER, LJ.....	SS 01.01
BURKE, D.....	0-1106-1	BURNS, NH.....	7-1911	BUTTLER, LJ.....	SS 01.02
BURKE, D.....	0-1106-2	BURR, BL.....	0-458-1F	BUTTLER, LJ.....	SS 09.00
BURKE, D.....	0-1106-3	BURR, BL.....	0-458-458-1F	BUTTLER, LJ.....	SS 10.02
BURKE, D.....	0-1106-4F	BURR, BL.....	0-1155-1F	BUTTON, JW.....	0-135-3
BURKE, D.....	0-1187	BURR JR, BL.....	0-458-1-F	BUTTON, JW.....	0-146-9
BURKE, D.....	0-1187-1F	BUSH, RR.....	0-123-27	BUTTON, JW.....	0-146-11
BURKE, D.....	0-1191-2F	BUTH, CE.....	0-51-INT.	BUTTON, JW.....	0-187
BURKE, D.....	0-1194	BUTH, CE.....	0-71-1	BUTTON, JW.....	0-187
BURKE, D.....	0-1194-1F	BUTH, CE.....	0-71-2	BUTTON, JW.....	0-187-14
BURKE, D.....	0-1217	BUTH, CE.....	0-71-3F	BUTTON, JW.....	0-187-17
BURKE, D.....	0-1217-1F	BUTH, CE.....	0-81-3	BUTTON, JW.....	0-187-18
BURKE, D.....	0-1242	BUTH, CE.....	0-81-6	BUTTON, JW.....	0-235
BURKE, D.....	0-1242-1	BUTH, CE.....	0-81-SPEC.1	BUTTON, JW.....	0-235-1
BURKE, D.....	0-1248	BUTH, CE.....	0-81-SPEC.2	BUTTON, JW.....	0-235-2F
BURKE, D.....	0-1283	BUTH, CE.....	0-145-3	BUTTON, JW.....	0-261-2
BURKE, D.....	7-1910	BUTH, CE.....	0-145-PROG.	BUTTON, JW.....	0-261-3F
BURKE, D.....	7-1910-1	BUTH, CE.....	0-146-8	BUTTON, JW.....	0-287-1
BURKE, D.....	7-1930	BUTH, CE.....	0-146-9	BUTTON, JW.....	0-319
BURKE, D.....	1-2034	BUTH, CE.....	0-146-11	BUTTON, JW.....	0-319-1F
BURKE, D.....	1-2034-1	BUTH, CE.....	0-150	BUTTON, JW.....	0-419-1F
BURNS, N.....	0-1210-1	BUTH, CE.....	0-150-1F	BUTTON, JW.....	0-471
BURNS, N.....	0-1210-2	BUTH, CE.....	0-168	BUTTON, JW.....	0-471-1
BURNS, NH.....	0-114-6	BUTH, CE.....	0-168-1F	BUTTON, JW.....	0-471-2F

- INDEX OF RESEARCHERS & AUTHORS -

BUTTON, JW.....	0-1121	CARRASQUILLO, RL.....	0-316-1	CEDEL-FRANCO, F.....	0-380-1F
BUTTON, JW.....	0-1121-1	CARRASQUILLO, RL.....	0-316-3F	CEDEL-FRANCO, F.....	0-380-1F SUMMARY
BUTTON, JW.....	0-1121-2F	CARRASQUILLO, RL.....	0-364	CEDEL-FRANCO, F.....	0-392-1F
BUTTON, JW.....	0-1156	CARRASQUILLO, RL.....	0-364-1	CERVENKA, KJ.....	0-332-2F
BUTTON, JW.....	0-1157	CARRASQUILLO, RL.....	0-364-2	CERVENKA, KJ.....	0-352-1F
BUTTON, JW.....	0-1157-1F	CARRASQUILLO, RL.....	0-364-3	CERVENKA, KJ.....	0-362-2F
BUTTON, JW.....	0-1172	CARRASQUILLO, RL.....	0-364-4F	CERVENKA, KJ.....	7-1058-1F
BUTTON, JW.....	0-1172-1F	CARRASQUILLO, RL.....	0-367	CHAFFIN, CW.....	0-74
BUTTON, JW.....	0-1176	CARRASQUILLO, RL.....	0-367-1F	CHAFFIN, CW.....	0-180
BUTTON, JW.....	0-1176-1F	CARRASQUILLO, RL.....	0-381	CHAFFIN, CW.....	0-180-1F
BUTTON, JW.....	0-1253	CARRASQUILLO, RL.....	0-383	CHAFFIN, CW.....	0-214-23
BUTTON, JW.....	0-1272	CARRASQUILLO, RL.....	0-383-1	CHAFFIN, CW.....	0-214-30
BUTTON, JW.....	7-1902-1F	CARRASQUILLO, RL.....	0-383-2F	CHAFFIN, CW.....	0-214-TN 1
BYNUM, T.....	0-273-1F	CARRASQUILLO, RL.....	0-389-1F	CHAN, JH.....	0-56-INT.
BYNUM, T.....	0-273-1F	CARRASQUILLO, RL.....	0-422	CHAN, PC.....	0-33-5
BYNUM JR, D.....	0-127-1	CARRASQUILLO, RL.....	0-422-1	CHAN, PC.....	0-33-7
BYNUM JR, D.....	0-127-2	CARRASQUILLO, RL.....	0-450	CHAN, PC.....	0-1123-2
BYNUM JR, D.....	0-127-4F	CARRASQUILLO, RL.....	0-450-1	CHAN SUH, Y.....	0-1244-422/1244-1
CABLE, ND.....	0-401-2	CARRASQUILLO, RL.....	0-450-2	CHANDRA, O.....	0-473-2
CAHILL, T.....	9-528	CARRASQUILLO, RL.....	0-450-3F	CHANG, CP.....	0-335-1F
CAIN, JC.....	0-417-1F	CARRASQUILLO, RL.....	0-481	CHANG, CP.....	0-467-2F
CALABRESE, CB.....	0-268-2	CARRASQUILLO, RL.....	0-481-1	CHANG, D.....	0-496-1F
CALZADILLA, MR.....	0-305-1F	CARRASQUILLO, RL.....	0-481-2	CHANG, DJ.....	0-421-2
CAMPBELL, DB.....	0-89-7	CARRASQUILLO, RL.....	0-481-3	CHANG, DM.....	7-947-1
CAMPBELL, WR.....	0-207-4	CARRASQUILLO, RL.....	0-481-4	CHANG, DM.....	7-947-2
CAMPISE, WL.....	0-343-2	CARRASQUILLO, RL.....	0-481-5	CHANG, DM.....	0-1110-2
CAMPISE, WL.....	0-1179-2F	CARRASQUILLO, RL.....	0-481-6	CHANG, DM.....	0-1110-3
CAMPISE, WL.....	0-1185-1	CARRASQUILLO, RL.....	7-959	CHANG, DM.....	0-1110-3F
CAMPISE, WL.....	0-1185-2	CARRASQUILLO, RL.....	0-1117	CHANG, DM.....	0-1110-4F
CAMPISE, WL.....	0-1185-3	CARRASQUILLO, RL.....	0-1117-1	CHANG, DM.....	0-1112-1F
CAMPISE, WL.....	7-1917-1	CARRASQUILLO, RL.....	0-1117-2	CHANG, DM.....	0-1153-3
CAMPRISE, WL.....	0-1185-3F	CARRASQUILLO, RL.....	0-1117-3F	CHANG, E.....	0-335
CANFIELD, JB.....	9-507	CARRASQUILLO, RL.....	0-1119	CHANG, E.....	0-467
CANFIELD, JB.....	9-507-1F	CARRASQUILLO, RL.....	0-1119-1F	CHANG, E.....	0-467-2
CANFIELD, JR.....	0-61-1F	CARRASQUILLO, RL.....	0-1198	CHANG, EC.....	0-281-2F
CAPPELLE, DG.....	RP-16(05)	CARRASQUILLO, RL.....	0-1198-1F	CHANG, EC.....	0-293-1F
CAPPELLE, OG.....	RP-16(06)	CARRASQUILLO, RL.....	0-1218	CHANG, EC.....	0-375-1F
CARAF, C.....	0-457-2	CARRASQUILLO, RL.....	0-1218-1F	CHANG, EC.....	0-467-1
CARDWELL, RM.....	SS 05.01	CARRASQUILLO, RL.....	0-1265	CHANG, EC.....	7-971
CAREY, GR.....	0-32-11	CARRASQUILLO, RL.....	0-1300	CHANG, EC.....	7-982
CARL, EM.....	0-75	CARRASQUILLO, RL.....	0-1315	CHANG, EC.....	0-1188
CARMICHAEL, RF.....	0-123-21	CARRROLL, JS.....	0-93-1F	CHANG, EC.....	0-1188-2
CARMICHAEL, RF.....	0-123-26	CARRSAQUILLO, RL.....	0-1117-3f	CHANG, EC.....	0-1188-3
CARNAHAN, T.....	0-330-1F	CARTER, D.....	7-2008-1F	CHANG, EC.....	0-1255
CARPENTER, SH.....	0-18-1	CARTER, DN.....	7-2008-1-F	CHANG, H.....	0-18-3
CARPENTER, SH.....	0-18-2	CARTER, FL.....	0-9-10	CHANG, KM.....	0-1110-1
CARPENTER, SH.....	0-18-3	CARVELL, JD.....	0-59-4F	CHANG, M.....	0-288-2
CARPENTER, SH.....	0-18-4F	CASTEDO, H.....	0-1169-1	CHANG, MS.....	0-288-3
CARRARA, J.....	7-1085-1F	CASTLEBERRY, V.....	9-522	CHANG, MS.....	0-344-1
CARRASQUILLO, PM.....	0-364-3	CASTLEBERRY, V.....	9-522-1F	CHANG, MS.....	0-344-2F
CARRASQUILLO, PM.....	0-364-4F	CASTRODALE, RW.....	0-381-3	CHAPPELL, JB.....	EP606-12
CARRASQUILLO, PM.....	0-367-1F	CASTRODALE, RW.....	0-381-4F	CHARBENEAU, RJ.....	7-1943
CARRASQUILLO, RL.....	0-315	CAULEY, RF.....	0-98-11	CHAUDHARY, NA.....	0-478-1
CARRASQUILLO, RL.....	0-315-1F	CAUNDERS, J.....	7-1076-1F	CHAUDHARY, NA.....	7-970
CARRASQUILLO, RL.....	0-316	CAVAZOS, R.....	0-1100-1F	CHAUDHARY, NA.....	7-970-1F

- INDEX OF RESEARCHERS & AUTHORS -

CHAUDHARY, NA.....	0-1271	CHRISTIANSEN, DL.....	7-996	CLINE, JC.....	0-339-10
CHAVALA, T.....	0-331-2	CHRISTIANSEN, DL.....	7-1059-1	CODAS, SD.....	0-251-2
CHEN, HH.....	0-386-1	CHRISTIANSEN, DL.....	7-1059-2	COGILL, WH.....	0-32-14
CHEN, HH.....	0-386-2F	CHRISTIANSEN, DL.....	7-1064	COGILL, WH.....	0-32-15F
CHEREM-SACAL, D.....	0-359-3F	CHRISTIANSEN, DL.....	7-1064-1F	COLLINS, DM.....	0-1126-1
CHESNEY, TP.....	0-177-6	CHRISTIANSEN, DL.....	7-1067	COLLINS III, AM.....	0-385-1
CHETTY, VG.....	EP603-02	CHRISTIANSEN, DL.....	7-1067-1F	CONKLIN, F.....	0-238-1F
CHIA, WS.....	0-401-5	CHRISTIANSEN, DL.....	7-1070	CONNELL, RB.....	0-386-1
CHIA, WS.....	0-401-7	CHRISTIANSEN, DL.....	7-1070-1F	CONNELL, RB.....	0-386-2F
CHIEN, CH.....	0-256-3	CHRISTIANSEN, DL.....	7-1085	CONTRERAS, B.....	SS 18.00
CHIRA-CHAVALA, T.....	0-339-11	CHRISTIANSEN, DL.....	0-1107-1	CONWAY, PL.....	7-1070-1F
CHIRA-CHAVALA, T.....	0-397-4	CHRISTIANSEN, DL.....	0-1120	COOK, RA.....	0-1126-3
CHIRA-CHAVALA, T.....	0-399-1F	CHRISTIANSEN, DL.....	0-1146	COOK, RA.....	0-1126-4F
CHIRA-CHAVALA, T.....	0-420-2	CHRISTIANSEN, DL.....	0-1146-1	COOPER, RL.....	0-121-6F
CHIRA-CHAVALA, T.....	0-424-1F	CHRISTIANSEN, DL.....	0-1146-2	COPELAND, CR.....	0-184-1
CHIRA-CHAVALA, T.....	0-1186	CHRISTIANSEN, DL.....	0-1146-3	COPELAND, CR.....	0-184-2
CHIRA-CHAVALA, T.....	0-1186-1	CHRISTIANSEN, DL.....	0-1146-4	COPELAND, CR.....	0-184-3
CHMAYTELLI, A.....	0-1149-5	CHRISTIANSEN, DL.....	0-1193	COPELAND, CR.....	0-250-1
CHOU, C.....	0-472-2	CHRISTIANSEN, DL.....	0-1196	CORBETT, DA.....	0-169-1
CHOU, E.....	0-414-1F	CHRISTIANSEN, DL.....	0-1235	CORNWELL, RE.....	0-201-1F
CHRISTIANSEN, DL.....	0-167-6	CHUA, KM.....	0-284-6F	COSBY, PJ.....	0-225-3
CHRISTIANSEN, DL.....	0-205	CHUA, KM.....	0-473	COSBY, PJ.....	0-225-4
CHRISTIANSEN, DL.....	0-205-2	CHUANG, CW.....	0-89-3	COSBY, PJ.....	0-225-5
CHRISTIANSEN, DL.....	0-205-3	CHUI, M.....	7-1066	COSBY, PJ.....	0-225-6
CHRISTIANSEN, OL.....	0-205-6	CHUI, M.....	0-1115-1F	COSBY, PJ.....	0-225-9
CHRISTIANSEN, DL.....	0-205-7	CHUI, MK.....	0-225-25	COSBY, PJ.....	0-225-11
CHRISTIANSEN, DL.....	0-205-8	CHUI, MK.....	0-225-26	COSBY, PJ.....	0-225-13
CHRISTIANSEN, DL.....	0-205-10	CHUI, MK.....	0-225-27	COSBY, PJ.....	0-225-15
CHRISTIANSEN, DL.....	0-205-11	CHUI, MK.....	0-268-3F	COSBY, PJ.....	0-225-17
CHRISTIANSEN, DL.....	0-205-12	CHUI, MK.....	0-396-2F	COSBY, PJ.....	0-225-18
CHRISTIANSEN, DL.....	0-205-13	CHUI, MK.....	0-498-1F	COSBY, PJ.....	0-225-19
CHRISTIANSEN, DL.....	0-205-15	CHUI, MK.....	7-1066-1	COSBY, PJ.....	0-225-20
CHRISTIANSEN, DL.....	0-205-16	CHUI, MK.....	7-1066-2F	COSBY, PJ.....	0-225-21
CHRISTIANSEN, DL.....	0-205-17	CHUI, MK.....	0-1130-1	COSBY, PJ.....	7-1068
CHRISTIANSEN, DL.....	0-205-19	CHUI, MK.....	0-1221-1F	COSBY, PJ.....	7-1068-1F
CHRISTIANSEN, DL.....	0-205-21	CHUNG, CS.....	0-1112-1F	COWHER, CE.....	0-183-3
CHRISTIANSEN, DL.....	0-205-22F	CHUNG, CS.....	0-1153-2	COX, C.....	0-409-2
CHRISTIANSEN, DL.....	0-320	CICHY, NT.....	0-305-1F	COX, SG.....	0-151-4F
CHRISTIANSEN, DL.....	0-323	CIPIONE, CA.....	0-458-1F	COX, W.....	7-1053
CHRISTIANSEN, DL.....	0-323-1F	CIPIONE, CA.....	0-458-1-F	COX, WL.....	7-1053-1F
CHRISTIANSEN, DL.....	0-338	CIPIONE, CA.....	0-458-458-1F	COX, WR.....	0-117
CHRISTIANSEN, DL.....	0-339	CIPIONE, CA.....	0-1155-1F	COX, WR.....	0-117-1
CHRISTIANSEN, DL.....	0-339-4	CLABORN, BJ.....	7-1936	COYLE, HM.....	0-10
CHRISTIANSEN, DL.....	0-339-13	CLARK, JD.....	EP606-09	COYLE, HM.....	0-10-1
CHRISTIANSEN, DL.....	0-339-15F	CLARK, WD.....	EP606-10	COYLE, HM.....	0-10-2
CHRISTIANSEN, DL.....	0-484	CLARK, WD.....	EP606-11	COYLE, HM.....	0-10-3F
CHRISTIANSEN, DL.....	0-484-1	CLARK, WD.....	EP629-01	COYLE, HM.....	0-31-1F
CHRISTIANSEN, DL.....	0-484-2	CLAROS, GJ.....	0-251-3F	COYLE, HM.....	0-33-7
CHRISTIANSEN, DL.....	0-484-3	CLEVELAND, DE.....	0-5	COYLE, HM.....	0-33-8
CHRISTIANSEN, DL.....	0-484-6	CLEVELAND, DE.....	0-5-6	COYLE, HM.....	0-33-7A
CHRISTIANSEN, DL.....	0-484-7	CLEVELAND, DE.....	0-5-7	COYLE, HM.....	0-33-13F
CHRISTIANSEN, DL.....	0-484-11	CLEVELAND, DE.....	0-5-8	COYLE, HM.....	0-125
CHRISTIANSEN, DL.....	7-925	CLEVELAND, DE.....	0-5-9F	COYLE, HM.....	0-125-1
CHRISTIANSEN, DL.....	7-925-2	CLEVELAND, DE.....	0-60	COYLE, HM.....	0-125-2
CHRISTIANSEN, DL.....	7-973	CLIFTON, L.....	0-275-1F	COYLE, HM.....	0-125-3

- INDEX OF RESEARCHERS & AUTHORS -

COYLE, HM.....	0-125-4	CRUMLEY, JA.....	0-183-9	DAVIS, MM.....	0-135-6
COYLE, HM.....	0-125-5	CUENCA, F.....	0-435-1	DAVIS, MM.....	0-214-7
COYLE, HM.....	0-125-6	CUMMINGS, D.....	0-139-3	DAVISON, RR.....	0-419-1F
COYLE, HM.....	0-125-7	CUNAGAN, WD.....	0-493	DAVISON, RR.....	0-458-1F
COYLE, HM.....	0-125-8F	CUNAGIN, W.....	7-992	DAVISON, RR.....	0-458-1-F
COYLE, HM.....	0-169	CUNAGIN, W.....	0-1220-1F	DAVISON, RR.....	0-458-458-1F
COYLE, HM.....	0-169-1	CUNAGIN, W.....	1-2000	DAVISON, RR.....	0-1155-1F
COYLE, HM.....	0-169-2	CUNAGIN, W.....	1-2031	DAWKINS, WP.....	0-56
COYLE, HM.....	0-169-3	CUNAGIN, W.....	1-2031-1F	DAWKINS, WP.....	0-56-12
COYLE, HM.....	0-169-4F	CUNAGIN, WD.....	0-281-1	DAWKINS, WP.....	0-56-14
COYLE, HM.....	0-174	CUNAGIN, WD.....	0-281-2F	DAWKINS, WP.....	0-56-20
COYLE, HM.....	0-195	CUNAGIN, WD.....	0-374	DAWKINS, WP.....	0-108
COYLE, HM.....	0-195-1F	CUNAGIN, WD.....	0-374-1F	DAWKINS, WP.....	0-108-1F
COYLE, HM.....	0-211	CUNAGIN, WD.....	0-426-1F	DAY, DD.....	EP606-4F
COYLE, HM.....	0-211-1	CUNAGIN, WD.....	0-476-2F	DEAN, EH.....	0-133-1
COYLE, HM.....	0-211-3F	CUNAGIN, WD.....	0-493-1F	DEAN, G.....	0-182-1
COYLE, HM.....	0-236	CUNAGIN, WO.....	0-1140	DELUCIA, B.....	0-399
COYLE, HM.....	0-236-1	CUNAGIN, WO.....	0-1140-1F	DELUCIA, BH.....	0-399-1F
COYLE, HM.....	0-236-2F	CUNAGIN, WO.....	0-1142	DERDEYN, CJ.....	NY 63-2
COYLE, HM.....	0-294	CUNAGIN, WO.....	0-1142-1F	DERDEYN, CJ.....	NY 63-3
COYLE, HM.....	0-294-2F	CUNAGIN, WO.....	0-1154	OERR, G.....	7-1051-1F
COZART, GD.....	0-10-2	CUNAGIN, WO.....	0-1154-1F	DESAI, JA.....	0-7-1
CRAIG, F.....	9-511	CUNAGIN, WO.....	0-1220	OESOLMINIHAC, HE.....	0-400-1F
CRAIG, FS.....	9-542-1F	CUNAGIN, WO.....	7-1901	DEWEY, JF.....	0-343-1
CRAIG, FS.....	9-545-1	CUNAGIN, WO.....	1-2000-1F	OIAZ, AM.....	0-249-6
CRANE, L.....	7-1904-1F	CUNAGIN, WO.....	1-2035	DIAZ, AM.....	0-401-3
CRANE, LM.....	0-1106-4F	CUNAGIN, WO.....	1-2038	DIAZ, AM.....	9-555-555/556-1
CRANE, LM.....	0-1114-1F	CUNAGIN, WO.....	1-2038-1F	DIETERT, M.....	9-539
CRANE, LM.....	7-1904-1	CUNNINGHAM, W.....	0-58	DIETERT, M.....	9-540
CRANE, LM.....	7-1915-1F	CURRA,.....	DHT-21	DILLION, LA.....	RP-23(01)
CRAWFORD, WL.....	0-152-1F	CURTICE, DK.....	0-86-2F	DOEPKE, CE.....	0-177-5
CRAWFORD, WL.....	0-186	D'ABREU D'PAOLO, NI.....	0-1181-1F	DOERR, GT.....	0-1126-2
CRAWFORD, WL.....	0-186-2F	DA SILVA, RE.....	0-445-1	DOERR, GT.....	0-1126-4F
CRAWFORD, WL.....	0-186-2F MANUAL	DA SILVA, RE.....	0-445-2F	DOMINGUEZ, JM.....	0-350-4F
CRAWFORD, WL.....	9-520	DALE, JJ.....	0-1108-3	DONALDSON, GR.....	0-293-3F
CRAWFORD, WL.....	9-520-1	DALRYMPLE, HH.....	0-89-2	DONALDSON, GR.....	0-419-1F
CRAWFORD, WL.....	9-520-2	DANIEL, JI.....	0-177-12	DOSSEY, T.....	0-472-6
CRAWFORD, WL.....	9-520-3	DANIEL, JI.....	0-177-14	DOSSEY, TE.....	0-472-472-6
CRAWFORD, WL.....	9-520-4F	DARNABY, O.....	0-126-3F	DOTSON, JT.....	0-147-3F
CRAWFORD, WL.....	9-525-1F	DARROCH, JG.....	0-9-12	DRESSER, GB.....	0-205-6
CREAMER, BH.....	0-209-1F	DARROCH, JG.....	0-9-PROG	DRESSER, GB.....	0-282
CREASEY, FT.....	0-377-1	DARROCH, JG.....	0-106	DRESSER, GB.....	0-282-1
CREASEY, FT.....	0-408-2	DARROCH, JG.....	0-106-1F	DRESSER, GB.....	0-282-2F
CREASEY, FT.....	0-1145	DARROCH, JG.....	0-122-1F	DRESSER, GB.....	7-946
CREASY, T.....	0-1191-2F	DARTER, MI.....	0-123-18	DRESSER, GB.....	7-947
CROCKFORD, WW.....	0-1173	DARTEZ, TC.....	SS 09.01	DRESSER, GB.....	7-947-1
CROCKFORD, WW.....	0-1173-1F	DAVIES, FT.....	7-902-3	DRESSER, GB.....	7-947-2
CROCKFORD, WW.....	0-1177	DAVIES, FT.....	7-902-5	DRESSER, GB.....	7-947-3
CROCKFORD, WW.....	0-1178	DAVIES, FT.....	7-902-A-1	DRESSER, GB.....	7-947-2F
CROSS, FB.....	0-1294	DAVIS, B.....	9-565	DRESSER, GB.....	7-948
CROUSE, MR.....	0-391-1F	DAVIS, DR.....	RP-02(01)	DRESSER, GB.....	7-978
CROWE, EC.....	0-1161-1	DAVIS, DR.....	RP-02(03)	DRESSER, GB.....	0-1110
CROWE, EC.....	0-1161-3	DAVIS, HB.....	0-63-3	DRESSER, GB.....	0-1110-1
CROWE, EC.....	0-1161-3	DAVIS, HL.....	0-77-1	DRESSER, GB.....	0-1110-2
CROWE, EC.....	0-1161-3	DAVIS, JL.....	0-141-2	DRESSER, GB.....	0-1110-3



- INDEX OF RESEARCHERS & AUTHORS -

DRESSER,GB.....	0-1110-3F	DUDEK,CL.....	0-263-1	ECKERT,WC.....	0-1117-2
DRESSER,GB.....	0-1110-4F	DUDEK,CL.....	0-263-2	EDRIS,EV.....	0-164-3
DRESSER,GB.....	0-1112	DUDEK,CL.....	0-263-7F	EDWARDS,FH.....	RP-16(02)
DRESSER,GB.....	0-1112-1F	DUDEK,CL.....	0-292	EDWARDS,TC.....	0-33-4
DRESSER,GB.....	0-1153	DUDEK,CL.....	0-292-1	EDWARDS,TC.....	0-33-6
DRESSER,GB.....	0-1153-1	DUDEK,CL.....	0-292-2	EDWARDS,TC.....	0-33-10
DRESSER,GB.....	0-1153-2	DUDEK,CL.....	0-292-3	EDWARDS,TC.....	0-33-11
DRESSER,GB.....	0-1153-3	DUDEK,CL.....	0-292-4	EDWARDS,TC.....	0-33-13F
DRESSER,GB.....	0-1235	DUDEK,CL.....	0-292-5	EDWARDS,TC.....	0-68-2
DRESSER,GB.....	0-1235-1	DUDEK,CL.....	0-292-6F	EDWARDS,TC.....	0-75-10
DRESSER,GB.....	0-1235-2	DUDEK,CL.....	0-321	EDWARDS,TC.....	0-75-11
DRESSER,GB.....	0-1235-3	DUDEK,CL.....	0-321-1	EDWARDS,TC.....	0-140
DRESSER,GB.....	0-1235-4	DUDEK,CL.....	0-321-2	EDWARDS,TC.....	0-140-1
DREW,DR.....	0-24	DUDEK,CL.....	0-321-3F	EDWARDS,TC.....	0-140-1
DREW,DR.....	0-24-1	DUDEK,CL.....	0-321-3F	EGGERS,DW.....	0-405-1
DREW,DR.....	0-24-3	DUDEK,CL.....	0-334-2F	EHLERS,CJ.....	0-89-4
DREW,DR.....	0-24-4	DUDEK,CL.....	0-377	ELDINS,GE.....	0-177-15
DREW,DR.....	0-24-5	DUDEK,CL.....	0-377-1	ELLEPOLA,CB.....	0-1214-1F
DREW,DR.....	0-24-10	DUDEK,CL.....	0-377-2F	ELLING,CW.....	0-350-2
DREW,DR.....	0-24-11	DUDEK,CL.....	0-408-1	ELLIS,TD.....	0-285-2
DREW,DR.....	0-24-12	DUDEK,CL.....	0-408-2	ELLISON,R.....	7-1051-1F
DREW,DR.....	0-24-13	DUDEK,CL.....	0-408-3F	ELLISON,R.....	7-1051-INT.
DREW,DR.....	0-24-17	DUDEK,CL.....	0-495	ELMORE,WE.....	0-216
DREW,DR.....	0-24-19	DUDEK,CL.....	0-495-1	ELMRE,WE.....	0-216-1F
DREW,DR.....	RP-16(04)	DUDEK,CL.....	0-495-2	ELMORE,WE.....	0-468-3
DUARTE,R.....	1-2034-1	DUDEK,CL.....	0-495-3	ELMORE,WE.....	0-492
DUBOSE,LA.....	RP-04(01)	DUDEK,CL.....	0-495-4	ELMORE,WE.....	9-504
DUBOSE,LA.....	RP-04(02)	DUDEK,CL.....	0-495-5F	ELMORE,WE.....	7-960
DUDEK,CL.....	0-24-11	DUDEK,CL.....	9-509	ELMORE,WE.....	7-960-1F
DUDEK,CL.....	0-24-24	DUDEK,CL.....	9-572	ELMRE,WE.....	0-1116-1F
DUDEK,CL.....	0-139-2	DUDEK,CL.....	7-957	ELMORE,WE.....	0-1158
DUDEK,CL.....	0-139-3	DUDEK,CL.....	0-1108	ELMORE,WE.....	0-1168
DUDEK,CL.....	0-139-4	DUDEK,CL.....	0-1161	ELMORE,WE.....	0-1168-1F
DUDEK,CL.....	0-139-5	DUDEK,CL.....	0-1188	ELMORE,WE.....	0-1286
DUDEK,CL.....	0-139-6	DUDEK,CL.....	0-1188-1	EMHJELLEN,K.....	7-957-2F
DUDEK,CL.....	0-139-7	DUDEK,CL.....	0-1188-4F	ENDRES,FL.....	0-56-19
DUDEK,CL.....	0-139-8	DUDLEY,WN.....	EP610-01	ENGBRECHT,JC.....	0-252-3
DUDEK,CL.....	0-165-4	DUDLEY,WN.....	EP617-01	ENGELING,DE.....	0-176-3
DUDEK,CL.....	0-165-5	DUDLEY,WN.....	EP621-01	ENGELHARDT,MD.....	0-1302
DUDEK,CL.....	0-165-6	DUDLEY,WN.....	SS 14.01	EPPERSON,B.....	0-1183-1
DUDEK,CL.....	0-165-7	DUDLEY,WN.....	SS 15.10	EPPS,J.....	9-503
DUDEK,CL.....	0-165-8	DUNLAP,OW.....	7-902-2	EPPS,JA.....	0-14
DUDEK,CL.....	0-165-12	DUNLAP,WA.....	0-27-1	EPPS,JA.....	0-14-1F
DUDEK,CL.....	0-165-13	DUNLAP,WA.....	0-27-3	EPPS,JA.....	0-18
DUDEK,CL.....	0-200-1F	DUNLAP,WA.....	0-27-4F	EPPS,JA.....	0-18-1
DUDEK,CL.....	0-228	DUNLAP,WA.....	0-99	EPPS,JA.....	0-36
DUDEK,CL.....	0-228-1	DUNLAP,WA.....	0-99-1	EPPS,JA.....	0-36-1F
DUDEK,CL.....	0-228-2	DUNLAP,WA.....	0-99-2	EPPS,JA.....	0-41
DUDEK,CL.....	0-228-4	DUNLAP,WA.....	0-105-3	EPPS,JA.....	0-41-1
DUDEK,CL.....	0-228-5	DUNLAP,WA.....	0-105-4	EPPS,JA.....	0-41-2F
DUDEK,CL.....	0-228-6	DUNLAP,WA.....	0-105-5F	EPPS,JA.....	0-83
DUDEK,CL.....	0-228-7	DUNLAP,WA.....	0-105-5F	EPPS,JA.....	0-83-1
DUDEK,CL.....	0-228-8	DUNLAY,WJ.....	0-212	EPPS,JA.....	0-83-2F
DUDEK,CL.....	0-228-9	DUNN,BW.....	0-401-6	EPPS,JA.....	0-90-2F
DUDEK,CL.....	0-228-10F	DUTT,A.....	0-165-7	EPPS,JA.....	0-138-4
		EAGLESON,B.....	0-256-1	EPPS,JA.....	0-151
		ECHELBERGER,WF.....	9-575-1		

- INDEX OF RESEARCHERS & AUTHORS -

EPPS,JA.....	0-151-2	EURITT,M.....	0-1282	FAULKNER,M.....	0-228-9
EPPS,JA.....	0-151-3	EURITT,MA.....	0-332-2F	FAULKNER,M.....	0-228-10F
EPPS,JA.....	0-151-4F	EURITT,MA.....	0-362-2F	FAULKNER,M.....	0-263-2
EPPS,JA.....	0-175	EURITT,MA.....	7-957	FAULKNER,M.....	0-263-3
EPPS,JA.....	0-199	EURITT,MA.....	7-957-2F	FAULKNER,M.....	0-263-4
EPPS,JA.....	0-199-1F	EURITT,MA.....	7-974	FAULKNER,M.....	0-263-5
EPPS,JA.....	0-214	EURITT,MA.....	7-979	FAULKNER,M.....	0-263-6
EPPS,JA.....	0-214-4	EURITT,MA.....	7-983	FAULKNER,M.....	0-263-7F
EPPS,JA.....	0-214-6	EURITT,MA.....	0-1247	FELDMAN,SA.....	0-1145-1F
EPPS,JA.....	0-214-7	EURITT,MA.....	0-1269	FELDMAN,SA.....	0-1241-2
EPPS,JA.....	0-214-11	EURITT,MA.....	0-1270	FELDMAN,SA.....	0-1241-3F
EPPS,JA.....	0-214-12	EURITT,MA.....	7-1937-1F	FENVES,GL.....	0-360-2F
EPPS,JA.....	0-214-14	EVANS,JR.....	0-151-4F	FERGUSON,PM.....	0-52
EPPS,JA.....	0-214-15	EVANS,LA.....	0-82-1F	FERGUSON,PM.....	0-52-1F
EPPS,JA.....	0-214-16	EVANS,N.....	0-575	FERGUSON,PM.....	0-80
EPPS,JA.....	0-214-17	EVANS,N.....	9-575	FERGUSON,PM.....	0-80-1F
EPPS,JA.....	0-214-18	EXTER,JO.....	0-30-2	FERGUSON,PM.....	0-91
EPPS,JA.....	0-214-19	EZELL,WP.....	SS 01.01	FERGUSON,PM.....	0-91-1F
EPPS,JA.....	0-214-20	FAIRBANKS,HE.....	RP-10(01)	FERGUSON,PM.....	0-102
EPPS,JA.....	0-214-21	FAIRBANKS,WL.....	0-343-3F	FERGUSON,PM.....	0-102-1F
EPPS,JA.....	0-214-22	FAIRBANKS,WL.....	0-416-1	FERGUSON,PM.....	0-112
EPPS,JA.....	0-214-23	FAIRBANKS,WL.....	7-911	FERGUSON,PM.....	0-112-1F
EPPS,JA.....	0-214-24	FAIRBANKS,WL.....	7-911-1F	FERGUSON,PM.....	0-113
EPPS,JA.....	0-214-25	FAMBRO,DB.....	0-165-16	FERGUSON,PM.....	0-113-1
EPPS,JA.....	0-214-26	FAMBRO,DB.....	0-178-1	FERGUSON,PM.....	0-113-2
EPPS,JA.....	0-214-27	FAMBRO,DB.....	0-178-2F	FERGUSON,PM.....	0-113-3
EPPS,JA.....	0-214-28	FAMBRO,DB.....	0-200-1F	FERGUSON,PM.....	0-113-4
EPPS,JA.....	0-214-29	FAMBRO,DB.....	0-203-1	FERNANDO,EG.....	0-307-1
EPPS,JA.....	0-235	FAMBRO,DB.....	0-203-2F	FERNANDO,EG.....	0-307-2
EPPS,JA.....	0-239	FAMBRO,DB.....	0-210-1	FERNANDO,EG.....	7-930-1
EPPS,JA.....	0-261-3F	FAMBRO,DB.....	0-265	FERNANDO,EG.....	7-930-3
EPPS,JA.....	0-285	FAMBRO,DB.....	0-265-1	FERNANDO,EG.....	7-994
EPPS,JA.....	0-286	FAMBRO,DB.....	0-265-2F	FERNANDO,EG.....	7-997
EPPS,JA.....	0-287	FAMBRO,DB.....	0-293	FERNANDO,EG.....	7-1902-1F
EPPS,JA.....	0-287-1	FAMBRO,DB.....	0-397-1	FERNANDO,M.....	7-930-4
EPPS,JA.....	0-287-2	FAMBRO,DB.....	0-397-2	FERRARA,TC.....	0-214-24
EPPS,JA.....	0-287-3	FAMBRO,DB.....	0-397-3	FERREGUT,CM.....	0-1266
EPPS,JA.....	0-297	FAMBRO,DB.....	0-478	FESENMAIER,J.....	0-336-1F
EPPS,JA.....	0-297-1F	FAMBRO,DB.....	0-478-1	FESENMAIER,J.....	7-1081-1F
EPPS,JA.....	9-503-1F	FAMBRO,DB.....	0-478-2F	FESENMAIER,J.....	0-1106-1
ERNST AND ERNST,.....	0-87	FAMBRO,DB.....	7-989	FESENMEIER,J.....	0-1202
ERNST AND WHINNEY,.....	0-1102	FAMBRO,DB.....	7-989-989-1F	FIECHTL,AL.....	0-360-2F
ERNST AND WHINNEY,.....	0-1102-1F	FAMBRO,DB.....	0-1125	FIELDING,DJ.....	0-96-1
ESTAKHRI,CK.....	0-187	FAMBRO,DB.....	0-1125-1F	FIELDING,DJ.....	0-96-2
ESTAKHRI,CK.....	0-187-15	FAMBRO,DB.....	0-1164	FINCH,DM.....	0-5-2
ESTAKHRI,CK.....	0-448	FAMBRO,DB.....	0-1273	FINLEY,D.....	0-1191-2F
ESTAKHRI,CK.....	0-448-1	FAMBRO,DB.....	0-1278	FINLEY,JR.....	0-33-12
ESTAKHRI,CK.....	0-448-1F	FANG,IK.....	0-350-1	FINN,FN.....	0-214-16
ESTAKHRI,CK.....	0-1156	FARBIAZ,J.....	0-389-1F	FINN,FN.....	0-214-17
ESTAKHRI,CK.....	0-1156-1F	FARBIAZ,J.....	0-450-1	FINN,FN.....	0-214-18
ESTAKHRI,CK.....	0-1157	FARBIAZ,J.....	0-450-2	FINN,FN.....	0-214-19
ESTAKHRI,CK.....	0-1157-1F	FARBIAZ,J.....	0-450-3F	FINN,FN.....	0-214-20
ESTAKHRI,CK.....	0-1272	FARIA,DA.....	0-378-1F	FINN,FN.....	0-214-21
ESTAKHRI,CK.....	7-1902-1F	FAULKNER,M.....	0-228-4	FINN,FN.....	0-214-27
EURITT,M.....	0-12B1	FAULKNER,M.....	0-228-5	FINN,FN.....	0-214-28

- INDEX OF RESEARCHERS & AUTHORS -

FISCHER,FL.....	0-172-1	FOWLER,DW.....	0-442-1	FRANK,KH.....	0-300
FITZGERALD,AV.....	0-205-4	FOWLER,DW.....	0-442-4	FRANK,KH.....	0-300-1
FITZGERALD,AV.....	0-205-5	FOWLER,DW.....	0-442-5F	FRANK,KH.....	0-300-2F
FITZGERALD,AV.....	7-1056-1	FOWLER,DW.....	0-451	FRANK,KH.....	0-306
FITZPATRICK,K.....	0-1107-3	FOWLER,DW.....	0-451-1F	FRANK,KH.....	0-306-1
FITZPATRICK,K.....	0-1107-5F	FOWLER,DW.....	0-457	FRANK,KH.....	0-306-2F
FITZPATRICK,K.....	0-1225-2F	FOWLER,DW.....	0-457-1	FRANK,KH.....	0-360
FITZPATRICK,K.....	0-1292	FOWLER,DW.....	0-457-2	FRANK,KH.....	0-360-2F
FITZPATRICK,K.....	0-1293	FOWLER,DW.....	0-457-3	FRANK,KH.....	0-384
FITZPATRICK,R.....	EP616-01	FOWLER,DW.....	0-457-4	FRANK,KH.....	0-384-1F
FITZPATRICK,K.....	7-1949	FOWLER,DW.....	0-457-4	FRANK,KH.....	0-464
FORD,PB.....	0-1193-1F	FOWLER,DW.....	0-457-5F	FRANK,KH.....	0-464-1F
FOSTER,JH.....	0-488-1F	FOWLER,OW.....	0-490	FRANK,KH.....	9-576
FOUAD,FH.....	0-266-1F	FOWLER,DW.....	0-490-1	FRANK,KH.....	0-1264
FOWLER,DW.....	0-114	FOWLER,DW.....	0-490-3	FRANK,KH.....	0-1302
FOWLER,DW.....	0-114-1	FOWLER,DW.....	7-920	FRANKLIN,WC.....	0-5-6
FOWLER,DW.....	0-114-2	FOWLER,DW.....	7-920-3	FRANKLIN,WD.....	0-82
FOWLER,DW.....	0-114-3	FOWLER,DW.....	7-931	FRANKLIN,WD.....	0-82-1F
FOWLER,DW.....	0-114-4	FOWLER,DW.....	7-959	FRANZ,GC.....	0-198-1F
FOWLER,DW.....	0-114-5	FOWLER,DW.....	7-987	FRENCH,DD.....	0-15-1
FOWLER,DW.....	0-114-6	FOWLER,DW.....	7-987-1	FRIEBELE,JD.....	0-139-6
FOWLER,DW.....	0-114-7	FOWLER,DW.....	0-1118	FRIEBELE,JD.....	0-139-7
FOWLER,DW.....	0-114-8	FOWLER,DW.....	0-1118-1F	FRIEBELE,JD.....	0-139-8
FOWLER,DW.....	0-114-9F	FOWLER,DW.....	0-1124	FRIEBELE,JD.....	0-165-6
FOWLER,DW.....	0-187	FOWLER,DW.....	0-1124-1F	FRYE,DJ.....	EP611-01
FOWLER,DW.....	0-187	FOWLER,DW.....	0-1198	FRYE,DJ.....	EP612-01
FOWLER,DW.....	0-246	FOWLER,OW.....	0-1198-1F	FRYE,OJ.....	EP615-01
FOWLER,DW.....	0-246-1	FOWLER,DW.....	0-1205	FRYE,DJ.....	EP618-02
FOWLER,DW.....	0-246-2	FOWLER,DW.....	0-1205-1	FRYE,DJ.....	EP618-03
FOWLER,DW.....	0-246-3	FOWLER,DW.....	0-1205-2	FRYE,DJ.....	EP619-01
FOWLER,DW.....	0-246-4F	FOWLER,DW.....	0-1205-4F	FRYE,DJ.....	EP623-01
FOWLER,DW.....	0-311	FOWLER,DW.....	0-1218	FRYE,DJ.....	EP624-01
FOWLER,DW.....	0-311-1	FOWLER,DW.....	0-1218-1F	FUHS,CA.....	0-205-4
FOWLER,DW.....	0-311-2	FOWLER,DW.....	0-1222	FUHS,CA.....	0-205-6
FOWLER,DW.....	0-311-3	FOWLER,OW.....	0-1300	FUHS,CA.....	0-205-7
FOWLER,DW.....	0-311-4	FOWLER,DW.....	0-1315	FUHS,CA.....	0-205-8
FOWLER,DW.....	0-311-5	FOWLER,DW.....	7-1900	FULLER,TK.....	0-148-7F
FOWLER,DW.....	0-311-6	FOWLER,DW.....	7-1948	FULLER,TK.....	0-190-1
FOWLER,OW.....	0-311-7F	FOWLER,J.....	9-535-1F	FULLER,TK.....	0-190-3F
FOWLER,DW.....	0-357-1	FOWLER,J.....	7-930-1	FULLER,TK.....	0-191-2F
FOWLER,DW.....	0-357-2F	FOWLER,J.....	7-930-3	FULLER,TK.....	0-227-2F
FOWLER,DW.....	0-359	FOWLER,OW.....	0-438	FULLERTON,RV.....	0-173-2
FOWLER,DW.....	0-359-1	FOX,S.....	9-515	FULTS,KW.....	EP604-02
FOWLER,DW.....	0-359-3F	FOYE JR,R.....	0-125-7	FULTS,KW.....	EP628-02
FOWLER,DW.....	0-363	FRANK,C.....	7-1900	FUNG,WK.....	0-212-1F
FOWLER,DW.....	0-363-1	FRANK,KH.....	0-172	FUNNELL,JE.....	0-86-2F
FOWLER,DW.....	0-363-2F	FRANK,KH.....	0-172-1	FURLOG,RW.....	0-153-1F
FOWLER,DW.....	0-385	FRANK,KH.....	0-172-2F	FURLONG,RW.....	0-7
FOWLER,DW.....	0-385-1	FRANK,KH.....	0-209	FURLONG,RW.....	0-7-1
FOWLER,DW.....	0-385-2F	FRANK,KH.....	0-209-1F	FURLONG,RW.....	0-7-2F
FOWLER,DW.....	0-427-1F	FRANK,KH.....	0-247-1	FURLONG,RW.....	0-113
FOWLER,DW.....	0-432-1F	FRANK,KH.....	0-247-2	FURLONG,RW.....	0-113-4
FOWLER,DW.....	0-438-1F	FRANK,KH.....	0-247-3	FURLONG,RW.....	0-113-5F
FOWLER,DW.....	0-442	FRANK,KH.....	0-247-4	FURLONG,RW.....	0-153
FOWLER,DW.....	0-442-1	FRANK,KH.....	0-247-5F	FURLONG,RW.....	0-188

- INDEX OF RESEARCHERS & AUTHORS -

FURLONG,RW.....	0-188-1	GALLAWAY,BM.....	0-51-1	GALLAWAY,BM.....	9-536-2
FURLONG,RW.....	0-188-2F	GALLAWAY,BM.....	0-51-2	GALLAWAY,BM.....	9-536-3
FURLONG,RW.....	0-196	GALLAWAY,BM.....	0-51-3	GALLAWAY,BM.....	9-536-4
FURLONG,RW.....	0-196-1F	GALLAWAY,BM.....	0-51-4F	GALLAWAY,BM.....	9-536-5
FURLONG,RW.....	7-932	GALLAWAY,BM.....	0-51-INT.	GALLAWAY,BM.....	9-536-6
FURR,HL.....	0-12-1	GALLAWAY,BM.....	0-81-15F	GALLAWAY,BM.....	9-536-7
FURR,HL.....	0-22	GALLAWAY,BM.....	0-81-SPEC.2	GALLAWAY,BM.....	9-536-8
FURR,HL.....	0-22-1F	GALLAWAY,BM.....	0-83-1	GALLAWAY,BM.....	9-536-9
FURR,HL.....	0-22-1F	GALLAWAY,BM.....	0-83-2F	GALLAWAY,BM.....	9-536-10
FURR,HL.....	0-22-1F	GALLAWAY,BM.....	0-90	GALLAWAY,BM.....	9-536-11
FURR,HL.....	0-34	GALLAWAY,BM.....	0-90-1	GALLAWAY,BM.....	9-536-12
FURR,HL.....	0-34-1F	GALLAWAY,BM.....	0-90-2F	GALLAWAY,BM.....	9-536-13F
FURR,HL.....	0-69	GALLAWAY,BM.....	0-110	GALLAWAY,BM.....	9-547
FURR,HL.....	0-69-1	GALLAWAY,BM.....	0-110-1F	GALLAWAY,BM.....	9-547-1
FURR,HL.....	0-69-2	GALLAWAY,BM.....	0-121-6F	GALLAWAY,BM.....	9-547-2
FURR,HL.....	0-69-3F	GALLAWAY,BM.....	0-138	GALLAWAY,BM.....	9-547-3
FURR,HL.....	0-106-1F	GALLAWAY,BM.....	0-138-1	GALLAWAY,BM.....	9-547-4F
FURR,HL.....	0-130	GALLAWAY,BM.....	0-138-2	GALLAWAY,BM.....	RP-03(01)
FURR,HL.....	0-130-1	GALLAWAY,BM.....	0-138-3	GALLAWAY,BM.....	RP-03(02)
FURR,HL.....	0-130-2	GALLAWAY,BM.....	0-138-4	GALLAWAY,BM.....	RP-06(02)
FURR,HL.....	0-130-3	GALLAWAY,BM.....	0-138-5	GANDHI,RB.....	0-233-2F
FURR,HL.....	0-130-5	GALLAWAY,BM.....	0-138-6	GARANA,E.....	0-126-2
FURR,HL.....	0-130-6	GALLAWAY,BM.....	0-138-7F	GARANA,E.....	SS 11.07
FURR,HL.....	0-130-8	GALLAWAY,BM.....	0-214-25	GARCIA,C.....	0-187-13
FURR,HL.....	0-130-11F	GALLAWAY,BM.....	0-214-26	GARCIA-DIAZ,A.....	0-284-5
FURR,HL.....	0-145	GALLAWAY,BM.....	0-214-32	GARCIA-DIAZ,A.....	0-285-5F
FURR,HL.....	0-145-1	GALLAWAY,BM.....	0-234	GARCIA-DIAZ,A.....	0-298
FURR,HL.....	0-145-2	GALLAWAY,BM.....	0-234-1F	GARCIA-DIAZ,A.....	0-298-1
FURR,HL.....	0-145-3	GALLAWAY,BM.....	0-285	GARCIA-DIAZ,A.....	0-298-1
FURR,HL.....	0-145-4F	GALLAWAY,BM.....	0-287-2	GARCIA-DIAZ,A.....	0-298-1
FURR,HL.....	0-145-PROG.	GALLAWAY,BM.....	0-297-1F	GARCIA-DIAZ,A.....	0-298-1
FURR,HL.....	0-150-1F	GALLAWAY,BM.....	9-503-1F	GARCIA-DIAZ,A.....	0-312-1
FURR,HL.....	0-170-1F	GALLAWAY,BM.....	9-512	GARCIA-DIAZ,A.....	0-312-1
FURR,HL.....	0-193	GALLAWAY,BM.....	9-512-1	GARCIA-DIAZ,A.....	0-312-1
FURR,HL.....	0-193-1F	GALLAWAY,BM.....	9-512-2	GARCIA-DIAZ,A.....	0-312-1
FURR,HL.....	0-219-1F	GALLAWAY,BM.....	9-512-3	GARCIA-DIAZ,A.....	0-312-1
FURR,HL.....	0-266	GALLAWAY,BM.....	9-512-4	GARCIA-DIAZ,A.....	0-325
FURR,HL.....	0-266-1F	GALLAWAY,BM.....	9-512-5	GARCIA-DIAZ,A.....	0-325-1F
FURR,HL.....	0-403-1F	GALLAWAY,BM.....	9-512-6	GARCIA-DIAZ,A.....	0-332-1
GADDAM,VK.....	0-1183-5F	GALLAWAY,BM.....	9-512-7	GARCIA-DIAZ,A.....	0-332-2F
GADDIS,AM.....	0-68-2	GALLAWAY,BM.....	9-512-8	GARCIA-DIAZ,A.....	0-362-2F
GALLATIN,GL.....	EP605-01	GALLAWAY,BM.....	9-512-9	GARCIA-DIAZ,A.....	0-380
GALLAWAY,BM.....	0-3	GALLAWAY,BM.....	9-512-10	GARCIA-DIAZ,A.....	0-380-1F
GALLAWAY,BM.....	0-3-1	GALLAWAY,BM.....	9-512-11	GARCIA-DIAZ,A.....	0-380-1F SUMMARY
GALLAWAY,BM.....	0-3-2	GALLAWAY,BM.....	9-512-12	GARCIA-DIAZ,A.....	0-392
GALLAWAY,BM.....	0-3-3	GALLAWAY,BM.....	9-519	GARCIA-DIAZ,A.....	0-392-1F
GALLAWAY,BM.....	0-3-4F	GALLAWAY,BM.....	9-519-1	GARCIA-DIAZ,A.....	0-1100
GALLAWAY,BM.....	0-14	GALLAWAY,BM.....	9-519-2	GARCIA-DIAZ,A.....	0-1100-1F
GALLAWAY,BM.....	0-14-1F	GALLAWAY,BM.....	9-519-3	GARCIA-DIAZ,A.....	0-1132
GALLAWAY,BM.....	0-36	GALLAWAY,BM.....	9-519-4	GARCIA-DIAZ,A.....	0-1132-1F
GALLAWAY,BM.....	0-36-1F	GALLAWAY,BM.....	9-519-5	GARCIA-DIAZ,A.....	0-1212-1
GALLAWAY,BM.....	0-41	GALLAWAY,BM.....	9-519-6	GARCIA-DIAZ,A.....	0-1212-1F
GALLAWAY,BM.....	0-41-1	GALLAWAY,BM.....	9-519-7F	GARDNER,MP.....	0-326-1
GALLAWAY,BM.....	0-41-2F	GALLAWAY,BM.....	9-536	GARDNER,MP.....	0-326-2F
GALLAWAY,BM.....	0-51	GALLAWAY,BM.....	9-536-1	GARISON,HF.....	9-532-1F

- INDEX OF RESEARCHERS & AUTHORS -

GARNER, JE.....	0-1162-1F	GOLDING, SH.....	9-561-5	GUSEMAN, PK.....	7-1052
GARRETT, BD.....	0-284-4	GOLDING, SH.....	EP634-01	GUSEMAN, PK.....	7-1052-2
GARZA, RU.....	0-478-1	GONZALES, J.....	0-449-1F	GUSEMAN, PK.....	7-1052-3
GASTON, G.....	7-989-989-1F	GONZALES, MA.....	0-448-1	GUSEMAN, PK.....	7-1052-4
GATTIS, JL.....	0-402-1	GONZALEZ, G.....	0-183-6	GUSEMAN, PK.....	7-1052-5
GATTIS, JL.....	0-402-2	GONZALEZ, MA.....	0-448-1F	GUSEMAN, PK.....	7-1057-1F
GATTIS, JL.....	0-402-3F	GONZALEZ, MA.....	0-452-1	GUTIERREZ DE VELASCO, O.....	0-177-20
GATTIS, JL.....	7-947-1	GOODKNIGHT, JC.....	0-60-12	GUTIERREZ DE VELASCO, O.....	0-249-5
GATTIS, JL.....	7-947-2	GOODMAN, B.....	7-1085	HAAS, R.....	0-183-7
GAUGLER, B.....	0-262-6F	GOODMAN, B.....	7-1085-1	HAAS, RC.....	0-123-4
GAY, DA.....	0-187-16	GOODMAN, B.....	7-1085-1F	HADCHITI, KM.....	0-481-3
GEICK, AA.....	9-529-1F	GOODMAN, B.....	7-1091	HADLEY, WO.....	0-98-2
GERICKE, O.....	0-241-2	GOOLSBY, ME.....	0-24-23	HADLEY, WO.....	0-98-6
GERMANN, FP.....	0-207-5	GOOLSBY, ME.....	0-24-25	HADLEY, WO.....	0-98-7
GERSCH, BC.....	0-26	GOOLSBY, ME.....	0-132-1F	HADLEY, WO.....	0-98-9
GERSCH, BC.....	0-26-1	GOOLSBY, ME.....	0-139-1	HADLEY, WO.....	0-98-13
GERSCH, BC.....	0-26-2F	GORDON, JT.....	0-63-2	HAENEL, HE.....	0-165-14
GERVENKA, LW.....	0-178-1	GOSS, CL.....	0-2-1	HAENEL, HE.....	0-178-1
GHANDI, PM.....	0-286-2	GOURABATHINA, S.....	0-1266-2	HAHN, KH.....	0-360-1
GHANDI, PM.....	0-286-3	GOVIND, S.....	0-378-1F	HAJEER, Z.....	0-476-1
GHANDI, PM.....	0-286-4F	GOWAN, SW.....	0-267-1F	HALIBURTON, TA.....	0-56-1
GHASENI-TARI, F.....	0-239-2	GRADY, DS.....	0-205-2	HALIBURTON, TA.....	0-56-7
GHASENI-TARI, F.....	0-239-4	GRAHAM, JM.....	RP-10(02)	HALL, JM.....	0-190-1
GIAMMONA, C.....	0-1194	GRAYSON, GE.....	0-184-3	HALL, JM.....	0-190-2
GIAMMONA, CP.....	0-1194-1F	GRAYSON, GE.....	0-184-4F	HALL, JM.....	7-1052-2
GIBBS, JL.....	0-165-3	GREEN, NJ.....	0-218-4	HALL, PR.....	0-370-1F
GIBBS, JL.....	0-165-10	GREEN, NJ.....	0-218-5F	HALSTEAD, WJ.....	9-535-1F
GIBSON, GC.....	0-125-1	GREEN, R.....	0-436-1	HAMAD, BS.....	0-242-1
GILLIAM, TE.....	0-254-1	GREEN, WJ.....	0-422-1	HAMAD, BS.....	0-1181-1F
GISLER, WL.....	0-1232-4	GREER, DC.....	0-124	HAMMONS, TR.....	0-1108-3
GLASCOCK, SW.....	0-1241-3F	GREER, NV.....	0-78	HAMOUDI, MM.....	0-10-1
GLENNON, JC.....	0-134	GREGORY, RT.....	0-135-1	HAN, MY.....	0-371-1
GLENNON, JC.....	0-134-1	GREGORY, RT.....	0-147	HANCHER, D.....	7-952
GLENNON, JC.....	0-134-2	GREGORY, RT.....	0-147-PROG.	HANCHER, DE.....	7-952-1F
GLENNON, JC.....	0-134-3	GRIFFIN, LI.....	0-221-1F	HANCHER, DE.....	0-1262
GLENNON, JC.....	0-134-4	GRIFFIN, LI.....	0-342-1F	HANING, CR.....	0-4-1
GLENNON, JC.....	0-134-5	GRIFFIN, LI.....	0-397-1	HANING, CR.....	RP-02(06)
GLENNON, JC.....	0-134-6	GRIFFIN, LI.....	7-991	HANKIN, K.....	0-472-5
GLENNON, JC.....	0-134-7	GRIFFIN, LI.....	0-1130-2F	HANKINS, K.....	0-472-472-4
GLENNON, JC.....	0-134-8F	GRIFFITH, L.....	7-991-1	HANKINS, K.....	9-526
GLOVER, CJ.....	0-419-1F	GRIFFITH, L.....	7-991-2	HANKINS, K.....	9-534
GLOVER, CJ.....	0-458-1F	GRIFFITH, L.....	7-991-3F	HANKINS, K.....	9-556-1
GLOVER, CJ.....	0-458-1-F	GRIGG, S.....	7-902-4	HANKINS, K.....	9-556-2
GLOVER, CJ.....	0-458-458-1F	GROTH, LD.....	0-141-3	HANKINS, K.....	9-556-4F
GLOVER, CJ.....	0-1155-1F	GRUBBS, BR.....	0-56-3	HANKINS, K.....	0-1169-2
GOFF, Z.....	7-952	GUESS, RR.....	0-186-2F	HANKINS, K.....	0-1244-422-1
GOFF, Z.....	7-1910	GUESS, RR.....	0-186-2F MANUAL	HANKINS, KD.....	0-2
GOFF, ZA.....	7-952-1F	GUPTA, AK.....	0-247-2	HANKINS, KD.....	0-2-1
GOFF, ZA.....	7-1910-1	GUSEMAN, PK.....	0-148-6	HANKINS, KD.....	0-2-2F
GOLDING, SH.....	0-485	GUSEMAN, PK.....	0-190-1	HANKINS, KD.....	0-45-1
GOLDING, SH.....	9-556-INT.1	GUSEMAN, PK.....	0-190-2	HANKINS, KD.....	0-45-2
GOLDING, SH.....	9-561-1	GUSEMAN, PK.....	0-205-11	HANKINS, KD.....	0-45-3
GOLDING, SH.....	9-561-2	GUSEMAN, PK.....	0-227-2F	HANKINS, KD.....	0-45-4
GOLDING, SH.....	9-561-3	GUSEMAN, PK.....	0-232	HANKINS, KD.....	0-45-5F
GOLDING, SH.....	9-561-4	GUSEMAN, PK.....	0-232-1F	HANKINS, KD.....	0-49

- INDEX OF RESEARCHERS & AUTHORS -

HANKINS, KD.....	0-49-1	HANN, RW.....	0-1194-1F	HAWKINS, DL.....	0-68-2
HANKINS, KD.....	0-49-2	HANSEN, RW.....	0-1190-1	HAWKINS, GH.....	0-339-14
HANKINS, KD.....	0-49-3F	HANSON,.....	SS 26.00	HAWKINS, GH.....	0-1113-1
HANKINS, KD.....	0-126	HAQUE, M.....	0-1129-2F	HAWKINS, GH.....	0-1113-1F
HANKINS, KD.....	0-126-2	HARDEMAN, EL.....	0-25	HAWKINS, GH.....	0-1186-2
HANKINS, KD.....	0-133	HARDY, MH.....	SS 06.00	HAWKINS, GH.....	0-1186-2
HANKINS, KD.....	0-133-3F	HARGETT, ER.....	0-110	HAWKINS, GH.....	0-1186-3
HANKINS, KD.....	0-135	HARGETT, ER.....	0-110-1F	HAWKINS, HG.....	0-484-11
HANKINS, KD.....	0-135-1	HARGETT, ER.....	0-129	HAWKINS, HG.....	0-1161
HANKINS, KD.....	0-135-2	HARGETT, ER.....	0-129-1	HAWKINS, HG.....	0-1161-1
HANKINS, KD.....	0-135-4	HARGETT, ER.....	0-129-2F	HAWKINS, HG.....	0-1161-3
HANKINS, KD.....	0-135-5	HARGETT, KH.....	DHT-06	HAWKINS, HG.....	0-1161-3
HANKINS, KD.....	0-135-7F	HARLE, RM.....	EP601-01	HAWKINS, HG.....	0-1161-3
HANKINS, KD.....	0-135-INT.	HARPER, WJ.....	0-51-2	HAWKINS, HG.....	0-1161-5
HANKINS, KD.....	0-187-2	HARPER, WJ.....	0-51-3	HAWKINS, HG.....	0-1161-5
HANKINS, KD.....	0-187-3	HARPER, WJ.....	0-51-4F	HAWKINS, HG.....	0-1261-1
HANKINS, KD.....	0-187-6	HARPER, WJ.....	0-51-INT.	HAWKINS, HG.....	0-1297
HANKINS, KD.....	0-187-7	HARPER, WJ.....	0-90	HAWN, RW.....	SS 09.01
HANKINS, KD.....	0-187-8	HARPER, WJ.....	0-90-1	HAYES, GG.....	0-146-3
HANKINS, KD.....	0-187-10	HARPER, WJ.....	0-90-2F	HAYES, GG.....	0-146-4
HANKINS, KD.....	0-187-11	HARRELL, AS.....	0-257-1F	HAYES, GG.....	0-146-10
HANKINS, KD.....	0-216	HARRINGTON, WP.....	EP602-02	HAYES, GG.....	0-163-1
HANKINS, KD.....	0-216-1F	HARRINGTON, WP.....	EP619-02	HAYES, GG.....	0-163-2F
HANKINS, KD.....	0-221-1F	HARRIS, DW.....	0-22-1F	HAYNES, JJ.....	0-6-FINAL
HANKINS, KD.....	0-229	HARRIS, DW.....	0-22-1F	HAYNES, JJ.....	0-24-6
HANKINS, KD.....	0-229-1	HARRIS, DW.....	0-22-1F	HAYS, CO.....	0-56-21
HANKINS, KD.....	0-229-2F	HARRISON, R.....	0-439-3	HAYS, CO.....	0-56-23
HANKINS, KD.....	0-272	HARRISON, R.....	0-439-4F	HAYS, G.....	0-163
HANKINS, KD.....	0-272-1F	HARRISON, R.....	7-969-1	HAZLETT, DG.....	0-1158-1F
HANKINS, KD.....	0-278	HARRISON, R.....	7-969-2F	HAZLETT, DG.....	EP631-01
HANKINS, KD.....	0-278-1F	HARRISON, R.....	7-979	HEATH, JM.....	7-1910-1
HANKINS, KD.....	0-472-3	HARRISON, R.....	0-1167-1	HEATHINGTON, KW.....	SS 02.00
HANKINS, KD.....	9-526-1	HARRISON, R.....	0-1269	HEATHINGTON, KW.....	SS 05.00
HANKINS, KD.....	9-526-2F	HARRISON, R.....	0-1281	HEINEN, CA.....	0-286-3
HANKINS, KD.....	9-534-1	HARRISON, R.....	0-1282	HEISEY, J.....	0-256-2
HANKINS, KD.....	9-534-2F	HARRISON, R.....	0-1312	HEISEY, S.....	0-256-1
HANKINS, KD.....	9-545-1	HARRISON, R.....	0-1247	HENDERSON, DM.....	0-139-10
HANKINS, KD.....	9-545-2	HART, B.....	SS 11.08	HENK, RH.....	7-925-2
HANKINS, KD.....	9-545-3F	HART, B.....	SS 11.10	HENK, RH.....	0-1120-1F
HANKINS, KD.....	9-549-1F	HARTMANN, DL.....	0-381-2	HENK, RH.....	0-1252-1F
HANKINS, KD.....	SS 11.08	HARVEY, GG.....	0-151-3	HENLEY, RG.....	0-363-2F
HANKINS, KD.....	SS 11.09	HASSELWANDER, GB.....	0-29-1	HENRY, CP.....	0-455-2
HANKINS, KD.....	SS 11.11	HASSELWANDER, GB.....	0-29-2F	HENRY, HA.....	0-28
HANKINS, KD.....	SS 18.01	HATCHER, DR.....	0-228-1	HENRY, HA.....	0-63
HANKS, C.....	0-1106-4F	HATCHER, DR.....	0-263-1	HERBER, FC.....	0-39-3
HANKS, J.....	0-1252	HATCHER, DR.....	9-525-1F	HERBER, FC.....	0-152-1F
HANKS, JW.....	0-431-1F	HATCHER, DR.....	9-525-1F	HERBER, FC.....	0-171-1
HANKS, JW.....	7-925-1	HATFIELD, NJ.....	0-227-2F	HERMAN, R.....	0-258
HANKS, JW.....	0-1120-1F	HATFIELD, NJ.....	7-1052-1	HERMAN, R.....	0-258-1
HANKS, JW.....	0-1125-1F	HATFIELD, NJ.....	7-1052-2	HERMAN, R.....	0-304
HANKS, JW.....	0-1131-2	HATFIELD, NJ.....	7-1052-3	HERMAN, R.....	0-304-1
HANKS, JW.....	0-1131-3	HATFIELD, NJ.....	7-1052-4	HERMAN, R.....	0-304-2F
HANKS, JW.....	0-1229	HAUGLAND, BC.....	0-1149-3	HERNDON, B.....	1-2034-1
HANKS, JW.....	0-1232-4	HAUGLAND, BC.....	0-1149-4	HERNDON, CW.....	0-225-2
HANN, RW.....	0-1194	HAUSAIN, SI.....	0-102-1F	HERNDON, CW.....	0-225-7

- INDEX OF RESEARCHERS & AUTHORS -

HERNDON, CW.....	0-225-9	HIRSCH, TJ.....	0-146-12	HOGAN, MC.....	DHT-02
HERNDON, CW.....	0-225-10	HIRSCH, TJ.....	0-146-13F	HOLCOMB, RM.....	0-140-5
HERNDON, CW.....	0-225-12	HIRSCH, TJ.....	0-189	HOLDER, RW.....	0-143
HERNDON, CW.....	0-225-14	HIRSCH, TJ.....	0-189-1F	HOLDER, RW.....	0-143-1
HERNDON, CW.....	0-225-16	HIRSCH, TJ.....	0-223	HOLDER, RW.....	0-167-5
HIGGINS, CC.....	0-1208-1F	HIRSCH, TJ.....	0-223-1	HOLDER, RW.....	0-205-1
HILGER, BA.....	0-329	HIRSCH, TJ.....	0-223-2F	HOLDER, RW.....	0-205-2
HILGER, BA.....	0-329-1F	HIRSCH, TJ.....	0-230	HOLDER, RW.....	0-205-4
HILGER, BA.....	0-391	HIRSCH, TJ.....	0-230-1	HOLDER, RW.....	0-205-5
HILGER, BA.....	0-391-1F	HIRSCH, TJ.....	0-230-2	HOLDER, RW.....	0-205-6
HILGER, BA.....	0-399	HIRSCH, TJ.....	0-230-3	HOLDER, RW.....	0-205-7
HILGER, BA.....	0-429-1F	HIRSCH, TJ.....	0-230-4F	HOLDER, RW.....	0-205-8
HILL, A.....	0-204	HIRSCH, TJ.....	0-262	HOLLEY, ER.....	0-1267
HILL, AJ.....	0-214-23	HIRSCH, TJ.....	0-262-3	HOLMES, SR.....	0-227-1
HINDI, AH.....	0-1209-2F	HIRSCH, TJ.....	0-280	HOLMES, SR.....	0-268-1
HINSHAW, WM.....	0-1125-1F	HIRSCH, TJ.....	0-280-1	HOLMGREEN, RJ.....	0-214-22
HINSHAW, WM.....	0-1152-1F	HIRSCH, TJ.....	0-280-2F	HOLMGREEN, RJ.....	0-261
HINSHAW, WM.....	0-1152-1-F	HIRSCH, TJ.....	0-295	HOLMGREEN, RJ.....	0-286-3
HINZ, M.....	0-250-2F	HIRSCH, TJ.....	0-295-1F	HOLMGREEN, RJ.....	0-287
HIRSCH, TJ.....	0-33-1	HIRSCH, TJ.....	0-343	HOLMGREEN, RJ.....	0-287-4F
HIRSCH, TJ.....	0-33-2	HIRSCH, TJ.....	0-343-1	HOLMGREEN, RJ.....	0-297
HIRSCH, TJ.....	0-33-3	HIRSCH, TJ.....	0-343-3F	HOLMGREEN, RJ.....	0-297-1F
HIRSCH, TJ.....	0-33-4	HIRSCH, TJ.....	0-405-1	HOLMGREEN, RJ.....	0-345
HIRSCH, TJ.....	0-33-5	HIRSCH, TJ.....	0-405-2F	HOLMGREEN, RJ.....	0-366-1F
HIRSCH, TJ.....	0-33-6	HIRSCH, TJ.....	0-416-1	HOLMGREEN, RJ.....	0-468-1
HIRSCH, TJ.....	0-33-7	HIRSCH, TJ.....	0-416-2F	HOLMGREEN, RJ.....	0-1116
HIRSCH, TJ.....	0-33-8	HIRSCH, TJ.....	0-417-1F	HOLMGREEN, RJ.....	0-1116-1F
HIRSCH, TJ.....	0-33-9	HIRSCH, TJ.....	0-461	HOLMGREEN, RJ.....	0-1160
HIRSCH, TJ.....	0-33-10	HIRSCH, TJ.....	7-911-1F	HOLMGREEN, RJ.....	0-1160-1F
HIRSCH, TJ.....	0-33-12	HIRSCH, TJ.....	7-912-1F	HOLMGREEN, RJ.....	0-1166
HIRSCH, TJ.....	0-33-7A	HIRSCH, TJ.....	0-1179	HOLSEN, M.....	0-123-23
HIRSCH, TJ.....	0-33-13F	HIRSCH, TJ.....	0-1179-1	HOLSEN, M.....	0-123-24
HIRSCH, TJ.....	0-35-2F	HIRSCH, TJ.....	0-1179-2F	HOLZWARTH, JC.....	EP606-08
HIRSCH, TJ.....	0-35-2F	HIRSCH, TJ.....	0-1185	HORNE, TW.....	0-212-1F
HIRSCH, TJ.....	0-70	HIRSCH, TJ.....	0-1185-1	HORTON, AM.....	0-282-1
HIRSCH, TJ.....	0-70-1	HIRSCH, TJ.....	0-1185-2	HOSKINS, BE.....	7-920-4
HIRSCH, TJ.....	0-70-2	HIRSCH, TJ.....	0-1185-3	HOSKINS, BE.....	7-987-1
HIRSCH, TJ.....	0-70-3F	HIRSCH, TJ.....	0-1185-3F	HOUSTON, JT.....	0-55-2
HIRSCH, TJ.....	0-71	HIRSCH, TJ.....	RP-07(02)	HOUSTON, JT.....	0-55-3F
HIRSCH, TJ.....	0-71-1	HIRSCH, TJ.....	RP-07(05)	HOUSTON, JT.....	0-81-9
HIRSCH, TJ.....	0-71-2	HIRSCH, TJ.....	RP-12(01)	HOUSTON, JT.....	0-81-10
HIRSCH, TJ.....	0-71-3F	HIRSCH, TJ.....	RP-19(01)	HOUSTON, JT.....	0-112
HIRSCH, TJ.....	0-125-7	HIRSCH, TJ.....	RP-19(02)	HOUSTON, JT.....	0-112-1F
HIRSCH, TJ.....	0-146	HIRSCH, TJ.....	RP-25(02)	HDUSTON, JT.....	0-114-1
HIRSCH, TJ.....	0-146-1	HIRSCH, TJ.....	RP-25(03)	HOWELL, TF.....	0-40
HIRSCH, TJ.....	0-146-2	HIRSCH, TJ.....	RP-27(01)	HDWELL, TF.....	0-40-1F
HIRSCH, TJ.....	0-146-3	HLAVINKA, MW.....	0-283-2	HDY, HE.....	9-521-1F
HIRSCH, TJ.....	0-146-4	HLAVINKA, MW.....	0-283-3F	HOY, R.....	0-66
HIRSCH, TJ.....	0-146-5	HLAVINKA, MW.....	0-419-1F	HSATO-CHIEH, CJ.....	0-56-24
HIRSCH, TJ.....	0-146-6	HO, MK.....	DHT-05	HSU, H.....	0-114-7
HIRSCH, TJ.....	0-146-7	HO, MK.....	DHT-11	HU, J.....	0-213-1F
HIRSCH, TJ.....	0-146-8	HO, MK.....	DHT-17	HU, YC.....	0-177-3
HIRSCH, TJ.....	0-146-9	HO, MK.....	DHT-22	HUANG, CC.....	0-187-13
HIRSCH, TJ.....	0-146-10	HO, MK.....	DHT-23	HUANG, L.....	0-1162-1F
HIRSCH, TJ.....	0-146-11	HDADLEY, PN.....	0-247-4	HUANG, K.....	0-1188-3

- INDEX OF RESEARCHERS & AUTHORS -

HUBBARD, AB.....	0-2-1	HUDSON, WR.....	0-123-1	HUDSON, WR.....	0-387
HUBBARD, AB.....	9-549-1F	HUDSON, WR.....	0-123-5	HUDSON, WR.....	0-387-1
HUBBARD, AB.....	9-560	HUDSON, WR.....	0-123-7	HUDSON, WR.....	0-387-2
HUBBARD, AB.....	9-560-1	HUDSON, WR.....	0-123-8	HUDSON, WR.....	0-387-3F
HUBBARD, AB.....	9-560-2	HUDSON, WR.....	0-123-10	HUDSON, WR.....	0-388
HUBBARD, AB.....	9-564	HUDSON, WR.....	0-123-12	HUDSON, WR.....	0-388-5F
HUBBARD, AB.....	9-566	HUDSON, WR.....	0-123-18	HUDSON, WR.....	0-400-1F
HUBBARD, AB.....	9-570	HUDSON, WR.....	0-123-23	HUDSON, WR.....	0-430-1F
HUBBARD, AB.....	SS 11.10	HUDSON, WR.....	0-123-24	HUDSON, WR.....	0-437
HUBER, A.....	0-238	HUDSON, WR.....	0-123-30F	HUDSON, WR.....	0-437-1
HUBER, A.....	0-238-1F	HUDSON, WR.....	0-123-PROG.	HUDSON, WR.....	0-437-3F
HUBER, A.....	9-525-1F	HUDSON, WR.....	0-156	HUDSON, WR.....	0-439
HUBER, A.....	9-525-1F	HUDSON, WR.....	0-156-1	HUDSON, WR.....	0-439-1
HUBER, GA.....	0-358-1	HUDSON, WR.....	0-156-2	HUDSON, WR.....	0-439-2
HUCHINGSON, RD.....	0-165-13	HUDSON, WR.....	0-156-3	HUDSON, WR.....	0-439-3
HUCHINGSON, RD.....	7-957	HUDSON, WR.....	0-156-4	HUDSON, WR.....	0-439-4F
HUCHINGSON, RD.....	7-957-1	HUDSON, WR.....	0-156-5F	HUDSON, WR.....	0-460
HUDDESTON, ND.....	0-228-3	HUDSON, WR.....	0-177	HUDSON, WR.....	0-460-1
HUDDESTON-TROUT, N.....	0-495-2	HUDSON, WR.....	0-177-2	HUDSON, WR.....	0-460-2
HUDDESTON-TROUT, N.....	0-495-3	HUDSON, WR.....	0-177-4	HUDSON, WR.....	0-460-460-3F
HUDDESTON-TROUT, N.....	0-495-4	HUDSON, WR.....	0-177-5	HUDSON, WR.....	0-472
HUDDESTON-TROUT, N.....	0-495-5F	HUDSON, WR.....	0-177-7	HUDSON, WR.....	0-472-1
HUDSON, RP.....	9-532-1F	HUDSON, WR.....	0-177-8	HUDSON, WR.....	0-472-2
HUDSON, W.....	0-1312	HUDSON, WR.....	0-177-11	HUDSON, WR.....	0-472-7F
HUDSON, WR.....	0-56	HUDSON, WR.....	0-177-12	HUDSON, WR.....	0-472-472-7F
HUDSON, WR.....	0-56-6	HUDSON, WR.....	0-177-13	HUDSON, WR.....	0-1123
HUDSON, WR.....	0-56-9	HUDSON, WR.....	0-177-14	HUDSON, WR.....	0-1123-7F
HUDSON, WR.....	0-56-11	HUDSON, WR.....	0-177-15	HUDSON, WR.....	0-1167
HUDSON, WR.....	0-56-15	HUDSON, WR.....	0-177-22F	HUDSON, WR.....	0-1169
HUDSON, WR.....	0-56-16	HUDSON, WR.....	0-213	HUDSON, WR.....	0-1169-1
HUDSON, WR.....	0-56-22	HUDSON, WR.....	0-249	HUDSON, WR.....	0-1175
HUDSON, WR.....	0-56-26	HUDSON, WR.....	0-249-1	HUDSON, WR.....	0-1177
HUDSON, WR.....	0-56-27	HUDSON, WR.....	0-249-2	HUDSON, WR.....	0-1190
HUDSON, WR.....	0-73	HUDSON, WR.....	0-249-8F	HUDSON, WR.....	0-1190-1
HUDSON, WR.....	0-73-1	HUDSON, WR.....	0-251	HUDSON, WR.....	0-1190-2F
HUDSON, WR.....	0-73-2	HUDSON, WR.....	0-251-1	HUDSON, WR.....	0-1223
HUDSON, WR.....	0-73-3	HUDSON, WR.....	0-251-2	HUDSON, WR.....	0-1223-1
HUDSON, WR.....	0-73-4	HUDSON, WR.....	0-251-3F	HUDSON, WR.....	0-1223-2F
HUDSON, WR.....	0-73-5F	HUDSON, WR.....	0-256	HUDSON, WR.....	7-1911
HUDSON, WR.....	0-89-1	HUDSON, WR.....	0-256-1	HUDSON, WR.....	NY 62-2
HUDSON, WR.....	0-89-7	HUDSON, WR.....	0-256-2	HUDSON, WR.....	NY 64-1
HUDSON, WR.....	0-98	HUDSON, WR.....	0-256-5	HUFF, TG.....	0-39-4F
HUDSON, WR.....	0-98-1	HUDSON, WR.....	0-256-6F	HUFFMAN, M.....	9-546
HUDSON, WR.....	0-98-2	HUDSON, WR.....	0-307-1	HUFFMAN, MD.....	EP606-03
HUDSON, WR.....	0-98-3	HUDSON, WR.....	0-307-2	HUGHES, CH.....	0-180-1F
HUDSON, WR.....	0-98-4	HUDSON, WR.....	0-307-3	HUGHES, CH.....	0-214-4
HUDSON, WR.....	0-98-5	HUDSON, WR.....	0-307-4F	HUGHES, CH.....	0-214-14
HUDSON, WR.....	0-98-6	HUDSON, WR.....	0-354	HUGHES, CH.....	0-214-25
HUDSON, WR.....	0-98-7	HUDSON, WR.....	0-354-1F	HUGHES, CH.....	0-297-1F
HUDSON, WR.....	0-98-8	HUDSON, WR.....	0-355	HUGHES, CH.....	9-524
HUDSON, WR.....	0-98-9	HUDSON, WR.....	0-355-1	HUGHES, CH.....	9-524-1
HUDSON, WR.....	0-98-13	HUDSON, WR.....	0-355-2F	HUGHES, CH.....	9-524-2F
HUDSON, WR.....	0-98-14F	HUDSON, WR.....	0-386	HUGHES, CH.....	9-527
HUDSON, WR.....	0-118-5	HUDSON, WR.....	0-386-1	HUGO, F.....	7-922
HUDSON, WR.....	0-123	HUDSON, WR.....	0-386-2F	HUGO, F.....	7-922-1F



- INDEX OF RESEARCHERS & AUTHORS -

HUGO, F.....	0-1149	IVEY, DL.....	0-103-4F	JAMES, RW.....	0-1259
HUGO, F.....	0-1149-1	IVEY, DL.....	0-105	JAMES, RW.....	0-1268
HUGO, F.....	0-1149-2	IVEY, DL.....	0-105-1	JARRETT, J.....	0-1281
HUGO, F.....	0-1149-3	IVEY, DL.....	0-105-2	JARRETT, JE.....	7-1900
HUGO, F.....	0-1149-4	IVEY, DL.....	0-105-3	JAYAWICKRAMA, P.....	7-1929
HUGO, F.....	0-1149-5	IVEY, DL.....	0-105-4	JEMISON, HB.....	0-458-1F
HUGO, F.....	0-1246	IVEY, DL.....	0-105-5F	JEMISON, HB.....	0-458-1-F
HUGO, F.....	0-1246-2F	IVEY, DL.....	0-135	JEMISON, HB.....	0-458-458-1F
HUGO, F.....	7-1924	IVEY, DL.....	0-135-2	JEMISON, HB.....	0-1155-1F
HUGO, F.....	7-1934	IVEY, DL.....	0-135-3	JENKINS, P.....	0-1157-1F
HUNG, JT.....	0-284-3	IVEY, DL.....	0-135-INT.	JENNINGS, ME.....	0-1301
HUNG, JT.....	0-284-3A	IVEY, DL.....	0-146-1	JENSEN, HC.....	0-75-5
HUNTER, TG.....	0-319-1F	IVEY, DL.....	0-146-2	JENSON, RK.....	7-2008-1-F
HUSAIN, SI.....	0-80-1F	IVEY, DL.....	0-146-3	JESSUP, DA.....	0-285-1
HUSON, WR.....	0-89-5	IVEY, DL.....	0-147-3F	JETT, LL.....	EP602-04
HUSTACE, D.....	0-192-4	IVEY, DL.....	0-221	JEYAPALAN, JK.....	0-326
HUSTACE, O.....	0-192-5	IVEY, DL.....	0-221-1F	JEYAPALAN, JK.....	0-326-1
HUSTACE, D.....	0-223-2F	IVEY, DL.....	0-262-3	JEYAPALAN, JK.....	0-326-2F
HUSTACE, D.....	9-510-1F	IVEY, DL.....	0-328-1	JEYAPALAN, JK.....	0-343-1
HUSTACE, D.....	9-510-1F	IVEY, DL.....	0-328-2F	JIMENEZ, E.....	0-177-4
HUSTACE, D.....	9-513	IVEY, DL.....	7-910	JIMENEZ, RA.....	0-3-1
HUSTACE, D.....	9-542-1F	IVEY, DL.....	7-942	JIMENEZ, RA.....	0-3-2
HUSTON, JT.....	0-81-8	IVEY, DL.....	7-990	JIMENEZ, RA.....	0-3-3
IBANEZ, JH.....	0-165-11	IVEY, DL.....	0-1130	JIMENEZ, RA.....	0-3-4F
INGRAM, LL.....	0-22-1F	IVEY, DL.....	0-1130-2F	JIMENEZ, RA.....	0-32-3
INGRAM, LL.....	0-22-1F	IVEY, DL.....	7-1949	JIMENEZ, RA.....	0-32-6
INGRAM, LL.....	0-69-3F	IVEY, DL.....	7-1949	JIMENEZ, RA.....	RP-03(02)
INGRAM, LL.....	0-130-3	IZADMEHR, B.....	0-310-1F	JIRSA, JO.....	0-1181-1F
INGRAM, LL.....	0-130-5	IZADMEHR, B.....	9-557-1F	JIRSA, JO.....	0-29
INGRAM, LL.....	0-130-6	IZATT, JO.....	9-519-1	JIRSA, JO.....	0-29-1
INGRAM, LL.....	0-130-8	IZATT, JO.....	9-536-2	JIRSA, JO.....	0-29-2F
INGRAM, LL.....	0-130-11F	JABER, MM.....	0-114-3	JIRSA, JO.....	0-154
INGRAM, LL.....	0-145-4F	JABRI, M.....	0-363-1	JIRSA, JO.....	0-154-1
INGRAM, LL.....	0-149	JACKSON, B.....	0-280-1	JIRSA, JO.....	0-154-2
INGRAM, LL.....	0-149-1F	JACOBS, CY.....	9-512-7	JIRSA, JO.....	0-154-3F
INGRAM, LL.....	0-170	JACOBS, CY.....	9-519-4	JIRSA, JO.....	0-198
INGRAM, LL.....	0-170-1F	JACOBS, CY.....	9-519-7F	JIRSA, JO.....	0-242
INGRAM, WB.....	0-56-2	JACOBS, CY.....	9-536-4	JIRSA, JO.....	0-242-1
INGRAM, WB.....	0-56-5	JACOBS, CY.....	9-536-5	JIRSA, JO.....	0-242-2
INMAN, RF.....	0-361-1F	JAIN, SP.....	0-123-10	JIRSA, JO.....	0-242-3F
INOUE, N.....	0-1182-1	JAMES, ME.....	0-140-9	JIRSA, JO.....	0-305
IRVING, JP.....	0-1135-2F	JAMES, RW.....	0-294-1	JIRSA, JO.....	0-305-1F
IVEY, DL.....	0-35-2F	JAMES, RW.....	0-324-2	JIRSA, JO.....	0-383
IVEY, DL.....	0-70	JAMES, RW.....	0-462	JIRSA, JO.....	0-383-1
IVEY, DL.....	0-70-1	JAMES, RW.....	0-462-1F	JIRSA, JO.....	0-383-2F
IVEY, DL.....	0-70-2	JAMES, RW.....	0-1171	JIRSA, JO.....	0-1126
IVEY, DL.....	0-70-3F	JAMES, RW.....	0-1171-1F	JIRSA, JO.....	0-1127
IVEY, DL.....	0-71	JAMES, RW.....	0-1212	JIRSA, JO.....	0-1127-1
IVEY, DL.....	0-71-1	JAMES, RW.....	0-1212-1	JIRSA, JO.....	0-1127-3F
IVEY, DL.....	0-71-2	JAMES, RW.....	0-1212-1F	JIRSA, JO.....	0-1181
IVEY, DL.....	0-71-3F	JAMES, RW.....	0-1213	JIRSA, JO.....	0-1210-2
IVEY, DL.....	0-103	JAMES, RW.....	0-1213-1F	JIRSA, JO.....	0-1265
IVEY, DL.....	0-103-1	JAMES, RW.....	0-1226	JIRSA, JO.....	0-1300
IVEY, DL.....	0-103-2	JAMES, RW.....	0-1226-1F	JOEHNK, JM.....	0-306-1
IVEY, DL.....	0-103-3	JAMES, RW.....	0-1226-1-F	JOHNSON, B.....	1-2034-1

- INDEX OF RESEARCHERS & AUTHORS -

JOHNSON,CP.....	0-23	JONES,TR.....	RP-07(02)	KENNEDY,TR.....	SS 20.03
JOHNSON,CP.....	0-23-1	JONES,TR.....	RP-07(03)	KENNEDY,TW.....	0-98
JOHNSON,CP.....	0-23-2	JONES,TR.....	RP-07(04)	KENNEDY,TW.....	0-98-1
JOHNSON,CP.....	0-23-3F	JONES,TR.....	RP-07(05)	KENNEDY,TW.....	0-98-2
JOHNSON,CP.....	0-155	JONES,TR.....	RP-12(01)	KENNEDY,TW.....	0-98-3
JOHNSON,CP.....	0-155-1F	JONES,TR.....	RP-19(01)	KENNEDY,TW.....	0-98-4
JOHNSON,CP.....	0-201	JONES,TR.....	RP-19(02)	KENNEDY,TW.....	0-98-5
JOHNSON,CP.....	0-201-1F	JORDAN,G.....	0-340-1	KENNEDY,TW.....	0-98-6
JOHNSON,CP.....	0-360-1	JORDAN,JD.....	0-44	KENNEDY,TW.....	0-98-7
JOHNSON,CP.....	0-1129	JORDAN,JD.....	0-44-2F	KENNEDY,TW.....	0-98-8
JOHNSON,CP.....	0-1129-1	JOYNER,CA.....	0-134-2	KENNEDY,TW.....	0-98-9
JOHNSON,CP.....	0-1129-2F	KACIR,KC.....	0-1161-5	KENNEDY,TW.....	0-98-10
JOHNSON,JH.....	0-138-7F	KACIR,KC.....	0-1161-5	KENNEDY,TW.....	0-98-11
JOHNSON,JH.....	0-185-1F	KADERKA,D.....	0-1179-2F	KENNEDY,TW.....	0-98-12
JOHNSTON,JT.....	EP603-01	KADERKA,D.....	0-1185-1	KENNEDY,TW.....	0-98-13
JONES,D.....	0-492	KADERKA,D.....	0-1185-2	KENNEDY,TW.....	0-98-14F
JONES,DR.....	0-1306	KAEMMERLE,K.....	7-1088	KENNEDY,TW.....	0-183
JONES,ER.....	0-24-23	KAEMMERLE,KC.....	7-1088-1F	KENNEDY,TW.....	0-183-1
JONES,HB.....	0-139-4	KAILASAMANTHAN,K.....	0-357-1	KENNEDY,TW.....	0-183-2
JONES,HD.....	0-222	KAISER JR,FX.....	0-195-1F	KENNEDY,TW.....	0-183-3
JONES,HD.....	0-222-1	KALANDANI,N.....	1-2031-1F	KENNEDY,TW.....	0-183-4
JONES,HD.....	0-222-2F	KANABAR,CN.....	0-81-2	KENNEDY,TW.....	0-183-5
JONES,HD.....	0-270-1	KANAKI,EW.....	0-75-8	KENNEDY,TW.....	0-183-6
JONES,HD.....	0-273	KANG,YV.....	0-1123-6	KENNEDY,TW.....	0-183-7
JONES,HD.....	0-273-1F	KANNAPAN,SM.....	0-445-1	KENNEDY,TW.....	0-183-8
JONES,HD.....	0-273-1F	KANNAPAN,SM.....	0-445-2F	KENNEDY,TW.....	0-183-9
JONES,HD.....	0-276	KARTSOUNIS,M.....	0-455-2	KENNEDY,TW.....	0-183-10
JONES,HD.....	0-276-1F	KASCH,RR.....	0-211-1	KENNEDY,TW.....	0-183-11
JONES,HD.....	0-277	KASHIMA,S.....	0-121-2	KENNEDY,TW.....	0-183-12
JONES,HD.....	0-277-1	KASHIMA,S.....	0-121-5	KENNEDY,TW.....	0-183-13
JONES,HD.....	0-277-1	KASPAR,MJ.....	7-902-4	KENNEDY,TW.....	0-183-14
JONES,HD.....	0-277-2F	KAYYAL,MK.....	0-1195-2F	KENNEDY,TW.....	0-183-15F
JONES,HD.....	SS 22.01	KEATING,PB.....	0-1313	KENNEDY,TW.....	0-252
JONES,HD.....	SS 22.02	KEESE,CJ.....	0-5-9F	KENNEDY,TW.....	0-252-1
JONES,HD.....	SS 22.03	KEESE,CJ.....	0-8	KENNEDY,TW.....	0-252-2
JONES,HD.....	SS 26.00	KEESE,CJ.....	0-24	KENNEDY,TW.....	0-252-3
JONES,HD.....	SS 27.00	KEESE,CJ.....	0-24-3	KENNEDY,TW.....	0-252-4F
JONES,HL.....	0-22-1F	KEESE,CJ.....	RP-09(01)	KENNEDY,TW.....	0-253
JONES,HL.....	0-22-1F	KEESE,CJ.....	RP-16(01)	KENNEDY,TW.....	0-253-1
JONES,HL.....	0-22-1F	KEESE,CJ.....	RP-16(03)	KENNEDY,TW.....	0-253-2
JONES,HL.....	0-145-1	KEESE,CJ.....	RP-16(10)	KENNEDY,TW.....	0-253-3
JONES,HL.....	0-145-2	KEESE,CJ.....	RP-17(04)	KENNEDY,TW.....	0-253-4
JONES,HL.....	0-145-3	KELLEY,AE.....	0-56-17	KENNEDY,TW.....	0-253-5
JONES,HL.....	0-145-PROG.	KELLEY,JE.....	0-118-7	KENNEDY,TW.....	0-253-6
JONES,HL.....	0-151-2	KELLEY,TL.....	EP606-07	KENNEDY,TW.....	0-253-7
JONES,HL.....	0-151-4F	KELLEY,W.....	7-1056-1	KENNEDY,TW.....	0-253-8
JONES,HL.....	0-193	KELLY,DJ.....	0-381-1	KENNEDY,TW.....	0-253-9F
JONES,HL.....	0-193-1F	KENNEDY,TR.....	0-192-1	KENNEDY,TW.....	0-313
JONES,HL.....	0-194	KENNEDY,TR.....	9-508	KENNEDY,TW.....	0-313-1
JONES,HL.....	0-194-1F	KENNEDY,TR.....	9-508-1	KENNEDY,TW.....	0-313-2F
JONES,HL.....	0-199	KENNEDY,TR.....	9-508-2F	KENNEDY,TW.....	0-317
JONES,HL.....	7-912-1F	KENNEDY,TR.....	9-510-1F	KENNEDY,TW.....	0-317-1
JONES,KM.....	9-546-1F	KENNEDY,TR.....	9-510-1F	KENNEDY,TW.....	0-317-2F
JONES,TR.....	0-70	KENNEDY,TR.....	SS 15.14	KENNEDY,TW.....	0-318
JONES,TR.....	0-71	KENNEDY,TR.....	SS 20.00	KENNEDY,TW.....	0-318-1F

- INDEX OF RESEARCHERS & AUTHORS -

KENNEDY, TW	0-358	KLINGNER, RE	0-350-3	KREGER, ME	0-465
KENNEDY, TW	0-358-1	KLINGNER, RE	0-350-4F	KREGER, ME	0-465-1
KENNEDY, TW	0-358-2F	KLINGNER, RE	0-382	KREGER, ME	0-465-2F
KENNEDY, TW	0-366	KLINGNER, RE	0-382-1	KREGER, ME	0-1127
KENNEDY, TW	0-366-1F	KLINGNER, RE	0-382-2F	KREGER, ME	0-1127-2
KENNEDY, TW	0-435	KLINGNER, RE	0-383	KREGER, ME	0-1127-3F
KENNEDY, TW	0-435-2F	KLINGNER, RE	0-383-1	KREGER, ME	0-1209
KENNEDY, TW	0-440	KLINGNER, RE	0-383-2F	KREGER, ME	0-1209-1F
KENNEDY, TW	0-440-1F	KLINGNER, RE	0-1126	KREGER, ME	0-1209-2F
KENNEDY, TW	0-441	KLINGNER, RE	0-1126-1	KREGER, ME	0-1210-1
KENNEDY, TW	0-441-1	KLINGNER, RE	0-1126-2	KREGER, ME	0-1210-2
KENNEDY, TW	0-441-2F	KLINGNER, RE	0-1126-3	KREGER, ME	0-1211
KENNEDY, TW	0-468	KLINGNER, RE	0-1126-4F	KREGER, ME	0-1234
KENNEDY, TW	0-468-1	KLINGNER, RE	0-1208	KRISHNASWAMY, CM	0-113-3
KENNEDY, TW	0-468-2	KLINGNER, RE	0-1208-1F	KRUGER, T	0-1107-5F
KENNEDY, TW	0-468-3	KLINGNER, RE	0-1304	KRUGER, TJ	0-1107-4
KENNEDY, TW	0-468-4F	KLINGNER, RE	0-1305	KRUGLER, PE	SS 26.00
KENNEDY, TW	0-492	KNOWLES, DR	0-93-1F	KUNZE, GW	0-81-5
KENNEDY, TW	7-960-1F	KOCH, KJ	0-105-2	KUNZE, GW	0-81-9
KENNEDY, TW	0-1116	KOEPPE, EA	0-165-14	KUO, C	0-1141-2F
KENNEDY, TW	0-1116-1F	KOESNO, K	7-920-2	KUO, NM	0-339-1
KENNEDY, TW	0-1158	KOESNO, S	0-1124-1F	KUO, NM	0-339-2
KENNEDY, TW	0-1158-1F	KOHUTEK, TL	0-225-1	KUD, NM	0-339-6
KENNEDY, TW	0-1160	KOPPA, RJ	0-232	KUD, NM	0-339-9
KENNEDY, TW	0-1160-1F	KOPPA, RJ	0-232-1F	KUROBANE, Y	0-96-1
KENNEDY, TW	0-1166	KOPPA, RJ	0-1151	KUYKENDALL, WE	0-127-3
KENNEDY, TW	0-1168	KOPPA, RJ	0-1151-1F	KYLE, AL	0-458-1F
KENNEDY, TW	0-1168-1F	KOPPA, RJ	0-1191-2F	KYLE, AL	0-458-1-F
KENNEDY, TW	0-1170	KORB, KW	0-125-2	KYLE, AL	0-458-458-1F
KENNEDY, TW	0-1197	KORPICS, JJ	0-283-2	KYLE, AL	0-1155-1F
KENNEDY, TW	0-1197-1F	KORPICS, JJ	0-283-3F	LACEY, GC	0-121-1
KENNEDY, TW	0-1197-1F	KOSEKI, K	0-248-1	LACEY, GC	0-121-3
KENNEDY, TW	0-1286	KRAMMES, RA	0-377-2F	LAHUE, S	9-535-1F
KENNEDY, TW	0-1306	KRAMMES, RA	0-412-1F	LAMB, JL	0-384-1F
KHER, RK	0-123-5	KRAMMES, RA	0-1108	LAMBERT, S	0-444
KHER, RK	0-123-8	KRAMMES, RA	0-1108-1	LAMBORN, M	0-347-1
KHER, RK	9-502-1F	KRAMMES, RA	0-1108-2	LAMKIN, JT	0-111-1
KHER, RR	0-118-3	KRAMMES, RA	0-1108-3	LAMKIN, JT	0-111-2
KILLGORE, D	9-511-1	KRAMMES, RA	0-1145	LAMKIN, JT	0-214-5
KILLGORE, D	9-511-2	KRAMMES, RA	0-1145-1F	LAMKIN, JT	0-393
KIM, KH	0-350-4F	KRAMMES, RA	0-1188	LAMKIN, JT	0-393-3F
KIM, Y	0-1148-2	KRAMMES, RA	0-1188-1	LAMKIN, JT	0-491
KING, CL	0-497	KRAMMES, RA	0-1188-4F	LAMKIN, JT	0-491-1F
KING, CL	0-497-SLIDE	KRAMMES, RA	0-1241	LAMKIN, JT	7-1076
KING, CL	9-571	KRAMMES, RA	0-1241-1	LAMKIN, JT	7-1076-1F
KING, CL	9-571-571-1F	KRAMMES, RA	0-1241-3F	LAMKIN, JT	0-1104
KING, CL	9-583	KRAMMES, RA	0-1279	LAMKIN, JT	0-1191
KING, CL	9-583-583-1F	KRAMMES, RA	0-1310	LAMKIN, JT	0-1191-1
KLINEDINST, G	9-565-1F	KREGER, ME	0-365	LAMKIN, JT	0-1191-2F
KLINGNER, RE	0-209-1F	KREGER, ME	0-365-1	LAMKIN, JT	0-1202
KLINGNER, RE	0-303	KREGER, ME	0-365-2	LAMKIN, JT	0-1202-1F
KLINGNER, RE	0-303-1F	KREGER, ME	0-365-3F	LANCASTER, S	0-1
KLINGNER, RE	0-350	KREGER, NE	0-381-2	LANCASTER, S	0-84
KLINGNER, RE	0-350-1	KREGER, NE	0-381-3	LANDPHAIR, HC	7-944
KLINGNER, RE	0-350-2	KREGER, NE	0-381-4F	LANDPHAIR, HC	0-1284

- INDEX OF RESEARCHERS & AUTHORS -

LANDPHAIR, HC.....	7-1914	LEDBETTER, WB.....	0-341-1F	LEE, CE.....	0-443-1F
LANDPHAIR, HC.....	7-1925	LEDE, NW.....	0-217	LEE, CE.....	9-514
LANDPHAIR, HC.....	7-1990	LEDE, NW.....	0-217-1F	LEE, CE.....	9-514-1F
LANDPHAIR, HC.....	7-1990	LEDE, NW.....	0-217-1F	LEE, CE.....	9-557
LANDPHAIR, HC.....	7-1990	LEDE, NW.....	7-1054-1F	LEE, CE.....	9-557-1F
LANE, BW.....	0-275-1F	LEDE, NW.....	7-1055	LEE, CE.....	0-1101-1F
LARRIMORE, IE.....	0-151-1	LEDE, NW.....	7-1055-1F	LEE, CE.....	0-1107
LARRIMORE, IE.....	0-151-2	LEDE, NW.....	7-1063	LEE, CE.....	0-1111
LARRIMORE, IE.....	0-151-4F	LEDE, NW.....	7-1063-1F	LEE, CE.....	0-1111-1F
LARRIMORE, IE.....	0-199-1F	LEE, CE.....	0-20	LEE, CE.....	0-1133-1F
LAW, DB.....	0-156-4	LEE, CE.....	0-20-1F	LEE, CE.....	0-1138
LAWRENCE, JL.....	9-523	LEE, CE.....	0-54	LEE, CE.....	0-1138-1F
LAWRENCE, JL.....	9-523-1	LEE, CE.....	0-54-1F	LEE, CE.....	0-1162
LAWRENCE, JL.....	9-523-2	LEE, CE.....	0-78	LEE, CE.....	0-1258
LAWRENCE, JL.....	9-523-3	LEE, CE.....	0-78-1F	LEE, CE.....	0-1308
LAWRENCE, JL.....	9-523-4F	LEE, CE.....	0-108	LEE, CL.....	0-1101
LEDBETTER, NP.....	0-339-7	LEE, CE.....	0-108-1F	LEE, CL.....	0-1107-4
LEDBETTER, WB.....	0-35-2F	LEE, CE.....	0-156-INTR1	LEE, CL.....	0-1133
LEDBETTER, WB.....	0-51-INT.	LEE, CE.....	0-156-INTR2	LEE, CL.....	0-1162-1F
LEDBETTER, WB.....	0-55-1	LEE, CE.....	0-156-INTR3	LEE, D.....	0-258-1
LEDBETTER, WB.....	0-55-3F	LEE, CE.....	0-160	LEE, DW.....	0-88-1F
LEDBETTER, WB.....	0-81	LEE, CE.....	0-160-1F	LEE, F.....	0-250-1
LEDBETTER, WB.....	0-81-1	LEE, CE.....	0-181	LEE, H.....	0-307-3
LEDBETTER, WB.....	0-81-2	LEE, CE.....	0-181-1F	LEE, H.....	0-307-4F
LEDBETTER, WB.....	0-81-3	LEE, CE.....	0-184	LEE, JY.....	0-290-2
LEDBETTER, WB.....	0-81-4	LEE, CE.....	0-184-1	LEE, JY.....	0-421-2
LEDBETTER, WB.....	0-81-7	LEE, CE.....	0-184-2	LEE, JY.....	0-469
LEDBETTER, WB.....	0-81-8	LEE, CE.....	0-184-3	LEE, JY.....	0-469-1F
LEDBETTER, WB.....	0-81-10	LEE, CE.....	0-184-4F	LEE, JY.....	0-496
LEDBETTER, WB.....	0-81-11	LEE, CE.....	0-213	LEE, JY.....	0-496-1F
LEDBETTER, WB.....	0-81-13	LEE, CE.....	0-213-1F	LEE, KW.....	0-253-3
LEDBETTER, WB.....	0-81-14	LEE, CE.....	0-243	LEE, KW.....	0-253-4
LEDBETTER, WB.....	0-81-15F	LEE, CE.....	0-243-1F	LEGGETT, MR.....	0-426-1F
LEDBETTER, WB.....	0-81-SPEC.1	LEE, CE.....	0-245	LEHMAN, HG.....	0-76-1F
LEDBETTER, WB.....	0-81-SPEC.2	LEE, CE.....	0-245-1F	LEHTIPUU, EK.....	0-135-3
LEDBETTER, WB.....	0-126-3F	LEE, CE.....	0-250	LEI, JC.....	0-467-1
LEDBETTER, WB.....	0-127	LEE, CE.....	0-250-1	LEITE, AJ.....	0-247-3
LEDBETTER, WB.....	0-127-4F	LEE, CE.....	0-251	LESTER, G.....	1-2018
LEDBETTER, WB.....	0-128	LEE, CE.....	0-251-1	LESTER, G.....	1-2019
LEDBETTER, WB.....	0-128-1F	LEE, CE.....	0-251-2	LESTER, G.....	1-2020
LEDBETTER, WB.....	0-141	LEE, CE.....	0-251-3F	LESTER, G.....	1-2021
LEDBETTER, WB.....	0-141-1	LEE, CE.....	0-258	LESTER, G.....	1-2022
LEDBETTER, WB.....	0-141-2	LEE, CE.....	0-259	LEVINE, S.....	0-495-2
LEDBETTER, WB.....	0-141-3	LEE, CE.....	0-259-1F	LEVINE, S.....	0-495-3
LEDBETTER, WB.....	0-141-4F	LEE, CE.....	0-260	LEVINE, S.....	0-495-4
LEDBETTER, WB.....	0-141-PROG.1	LEE, CE.....	0-260-1F	LEVINE, S.....	0-495-5F
LEDBETTER, WB.....	0-141-PROG.2	LEE, CE.....	0-309	LEVINE, SZ.....	0-406-1F
LEDBETTER, WB.....	0-214-8	LEE, CE.....	0-309-1F	LEVINE, SZ.....	0-1108
LEDBETTER, WB.....	0-214-TN 2	LEE, CE.....	0-310	LEVINTON, I.....	0-356-3F
LEDBETTER, WB.....	0-240	LEE, CE.....	0-310-1F	LEW, HS.....	0-76-1F
LEDBETTER, WB.....	0-240-1	LEE, CE.....	0-354	LEW, HS.....	0-77-2F
LEDBETTER, WB.....	0-240-2	LEE, CE.....	0-354-1F	LEW, HS.....	0-97-1F
LEDBETTER, WB.....	0-240-3	LEE, CE.....	0-361	LEWIS, JM.....	0-147-1
LEDBETTER, WB.....	0-240-4F	LEE, CE.....	0-361-1F	LEWIS, JM.....	0-147-2
LEDBETTER, WB.....	0-341	LEE, CE.....	0-443	LEWIS, RL.....	0-39-4F

- INDEX OF RESEARCHERS & AUTHORS -

LEWIS,S.....	0-495	LOEHR,R.....	0-1315	LOWERY,LL.....	0-237-1F
LEYENDECKER,EV.....	0-94-1	LOMAX, T.....	1-2034	LOWERY,LL.....	RP-25(02)
LEYENDECKER,EV.....	0-94-2	LOMAX,T.....	7-993	LOWERY,LL.....	RP-25(03)
LEYENDECKER,EV.....	0-94-3F	LOMAX,T.....	7-996-7-996	LU,DY.....	0-57-1F
LI,J.....	0-452-2	LOMAX,T.....	7-1059	LU,DY.....	0-123-17
LIAO,HM.....	0-91-1F	LOMAX,T.....	7-1990	LU,DY.....	0-123-22
LIGHT,J.....	SS 22.01	LOMAX,T.....	0-2008	LU,DY.....	0-123-28
LIMSUNAN,E.....	0-114-6	LOMAX,T.....	7-2008	LU,DY.....	0-207-1
LIN,CC.....	0-253-2	LOMAX,T.....	7-2008-1F	LU,DY.....	0-207-3
LIN,HJ.....	0-245-1F	LOMAX,TJ.....	0-205-10	LU,J.....	0-1223-1
LIN,HJ.....	0-258-1	LOMAX,TJ.....	0-205-12	LU,J.....	0-1223-2F
LIN,HT.....	9-569-1F	LOMAX,TJ.....	0-205-14	LUE,CC.....	0-1299-1F
LINDLEY,B.....	9-527	LOMAX,TJ.....	0-323	LUEDECKE,AR.....	9-525-1F
LINDLEY,B.....	9-531	LOMAX,TJ.....	0-323-1F	LUEDTKE,P.....	0-1225-1
LINDLEY,BR.....	9-527-1	LOMAX,TJ.....	0-339-3	LUKE,JJ.....	0-242-1
LINDLEY,BR.....	9-527-2F	LOMAX,TJ.....	0-339-5	LUKEFAHR,L.....	0-486
LINDLEY,BR.....	DHT-27	LOMAX,TJ.....	0-339-8	LUKEFAHR,L.....	0-1150
LINDLEY,BR.....	EP604-01	LOMAX,TJ.....	0-431	LUKEFAHR,L.....	DHT-25
LINDLEY,BR.....	EP613-01	LOMAX,TJ.....	0-431-1F	LUKEFAHR,L.....	DHT-26
LINDLEY,BR.....	EP613-02	LOMAX,TJ.....	7-973	LUKER,W.....	0-1217-1F
LINDLEY,BR.....	EP620-01	LOMAX,TJ.....	7-996-1F	LUKER,WA.....	0-1217
LINDLEY,BR.....	EP622-01	LOMAX,TJ.....	7-1059-1	LUKER,WA.....	0-1307
LINDLEY,BR.....	SS 15.15	LOMAX,TJ.....	0-1120	LUKER,WA.....	7-1930
LINDLEY,BR.....	SS 15.16	LOMAX,TJ.....	0-1131	LUKER,WA.....	7-1930-1F
LITTLE,CH.....	EP602-03	LOMAX,TJ.....	0-1131-1	LUNDY, JR.....	0-457-5F
LITTLE,CH.....	SS 15.06	LOMAX,TJ.....	0-1131-2	LUNDY, JR.....	7-920-4
LITTLE,CH.....	SS 15.07	LOMAX,TJ.....	0-1131-3	LUNDY, JR.....	0-1205
LITTLE,CH.....	SS 15.08	LOMAX,TJ.....	0-1193	LUNDY, JR.....	0-1205-2
LITTLE, DN.....	0-41-1	LOMAX,TJ.....	0-1193-1F	LUNDY, JR.....	0-1205-4F
LITTLE, DN.....	0-41-2F	LOMAX,TJ.....	0-1252	LYTTON,RL.....	0-18
LITTLE, DN.....	0-235-1	LOMAX,TJ.....	0-1252-1F	LYTTON,RL.....	0-18-1
LITTLE, DN.....	0-235-2F	LOMAX,TJ.....	0-2003	LYTTON,RL.....	0-18-2
LITTLE, DN.....	0-240-3	LOMAX,TJ.....	7-2003-1F	LYTTON,RL.....	0-18-3
LITTLE, DN.....	0-240-4F	LOMAX,TJ.....	7-2008-1-F	LYTTON,RL.....	0-18-4F
LITTLE, DN.....	0-286	LONG, EG.....	0-43-1F	LYTTON,RL.....	0-57-1F
LITTLE, DN.....	0-287-1	LONG, GD.....	0-60-11	LYTTON,RL.....	0-118-1
LITTLE, ON.....	0-452	LONG, GD.....	0-60-13	LYTTON,RL.....	0-118-2
LITTLE, DN.....	0-452-2	LONG, GD.....	0-119-1	LYTTON,RL.....	0-118-3
LITTLE, DN.....	0-452-3F	LONG, GD.....	0-167-1	LYTTON,RL.....	0-118-4
LITTLE, DN.....	0-471-2F	LONG, L.....	0-177-10	LYTTON,RL.....	0-123
LITTLE, DN.....	0-474	LONG, R.....	0-240	LYTTON,RL.....	0-123-22
LITTLE, DN.....	0-474-1F	LONG, RE.....	0-240-2	LYTTON,RL.....	0-123-28
LITTLE, DN.....	0-474-INTERIM	LOPER, JF.....	0-462-1F	LYTTON,RL.....	0-123-30F
LITTLE, DN.....	0-1134	LOUGHEED JR, MJ.....	0-1224-1F	LYTTON,RL.....	0-151-4F
LITTLE, DN.....	0-1134-1F	LOUKISSAS, P.....	7-1075	LYTTON,RL.....	0-164-1
LITTLE, DN.....	0-1170	LOUTZENHEISER, RC.....	0-139-5	LYTTON,RL.....	0-164-2
LITTLE, DN.....	0-1172-1F	LOUTZENHEISER, RC.....	0-139-8	LYTTON,RL.....	0-164-3
LITTLE, DN.....	0-1173	LOUTZENHEISER, RC.....	0-139-9	LYTTON,RL.....	0-164-4F
LITTLE, DN.....	0-1177	LOUTZENHEISER, RC.....	0-139-10	LYTTON,RL.....	0-187
LITTLE, DN.....	0-1287	LOUTZENHEISER, RC.....	0-165-1	LYTTON,RL.....	0-187
LIU, MJ.....	0-441-2F	LOWE, G.....	0-244-2F	LYTTON,RL.....	0-187
LIU, SJ.....	0-284-5	LOWERY, LL.....	0-33-9	LYTTON,RL.....	0-187-13
LIU, SJ.....	0-285-5F	LOWERY, LL.....	0-33-10	LYTTON,RL.....	0-187-16
LO, K.....	0-29-2F	LOWERY, LL.....	0-33-12	LYTTON,RL.....	0-207
LOEFFLER, MD.....	0-427-1F	LOWERY, LL.....	0-33-13F	LYTTON,RL.....	0-207-2

- INDEX OF RESEARCHERS & AUTHORS -

LYTTON,RL.....	0-207-3	LYTTON,RL.....	0-1175	MAGERS,RH.....	9-550
LYTTON,RL.....	0-207-4	LYTTON,RL.....	0-1189	MAGERS,RH.....	EP601-01
LYTTON,RL.....	0-207-5	LYTTON,RL.....	0-1233	MAGERS,RH.....	EP611-02
LYTTON,RL.....	0-207-6	MA,JS.....	0-113-4	MAGERS,RH.....	EP613-03
LYTTON,RL.....	0-207-7F	MA,JS.....	0-177-9	MAGERS,RH.....	EP615-03
LYTTON,RL.....	0-221-1F	MA,M.....	0-177-16	MAGERS,RH.....	SS 15.18
LYTTON,RL.....	0-233-2F	MA,M.....	0-177-17	MAGNUSON,AH.....	0-1175-1
LYTTON,RL.....	0-239	MACADAM,DS.....	0-311-3	MAGNUSON,AH.....	0-1215
LYTTON,RL.....	0-239-1	MACGREGOR,RJ.....	0-365-3F	MAGNUSON,AH.....	0-1215-1F
LYTTON,RL.....	0-239-2	MACHADO,JP.....	0-177-8	MAHBOUB,K.....	0-474-1F
LYTTON,RL.....	0-239-3	MACHEMEHL,R.....	0-1281	MAHBOUB,K.....	0-474-INTERIM
LYTTON,RL.....	0-239-5	MACHEMEHL,RB.....	0-156-INTR2	MAHMASSANI,HS.....	0-356
LYTTON,RL.....	0-239-6F	MACHEMEHL,RB.....	0-156-INTR3	MAHMASSANI,HS.....	0-356-1
LYTTON,RL.....	0-261-1	MACHEMEHL,RB.....	0-160-1F	MAHMASSANI,HS.....	0-356-2
LYTTON,RL.....	0-267	MACHEMEHL,RB.....	0-181-1F	MAHMASSANI,HS.....	0-356-3F
LYTTON,RL.....	0-267-M	MACHEMEHL,RB.....	0-213-1F	MAHMASSANI,HS.....	0-413-1F
LYTTON,RL.....	0-267-1F	MACHEMEHL,RB.....	0-245	MAHMASSANI,HS.....	7-978
LYTTON,RL.....	0-284	MACHEMEHL,RB.....	0-245-1F	MAHMASSANI,HS.....	7-983
LYTTON,RL.....	0-284-1	MACHEMEHL,RB.....	0-250-1	MAHMASSANI,HS.....	7-1080
LYTTON,RL.....	0-284-2	MACHEMEHL,RB.....	0-253	MAHMASSANI,HS.....	7-1080-1F
LYTTON,RL.....	0-284-3	MACHEMEHL,RB.....	0-253-1	MAHMASSANI,HS.....	0-1216
LYTTON,RL.....	0-284-4	MACHEMEHL,RB.....	0-258	MAHMASSANI,HS.....	0-1247
LYTTON,RL.....	0-284-3A	MACHEMEHL,RB.....	0-258-1	MAHMASSANI,HS.....	0-1296
LYTTON,RL.....	0-284-6F	MACHEMEHL,RB.....	0-258-2	MAHONEY,JP.....	0-151-3
LYTTON,RL.....	0-298	MACHEMEHL,RB.....	0-258-3F	MAHONEY,JP.....	0-151-4F
LYTTON,RL.....	0-298-1	MACHEMEHL,RB.....	0-259	MAHONEY,JP.....	0-207-2
LYTTON,RL.....	0-298-1	MACHEMEHL,RB.....	0-259-1F	MAHONEY,JP.....	0-207-3
LYTTON,RL.....	0-298-1	MACHEMEHL,RB.....	0-260	MAHONEY,JP.....	0-214-14
LYTTON,RL.....	0-298-1	MACHEMEHL,RB.....	0-260-1F	MAHONEY,JP.....	0-214-24
LYTTON,RL.....	0-298-1	MACHEMEHL,RB.....	0-309	MAHONEY,JP.....	0-284-1
LYTTON,RL.....	0-312-1	MACHEMEHL,RB.....	0-309-1F	MAJDI,S.....	0-1220-1F
LYTTON,RL.....	0-312-1	MACHEMEHL,RB.....	0-378	MAJDI,S.....	1-2031-1F
LYTTON,RL.....	0-312-1	MACHEMEHL,RB.....	0-378-1F	MAJDI,SO.....	0-426-1F
LYTTON,RL.....	0-312-1	MACHEMEHL,RB.....	0-443	MAJDI,SO.....	0-1135-2F
LYTTON,RL.....	0-312-1	MACHEMEHL,RB.....	0-443-1F	MAJDI,SO.....	7-1901
LYTTON,RL.....	0-371	MACHEMEHL,RB.....	9-557-1F	MAJDI,SO.....	1-2035
LYTTON,RL.....	0-371-2F	MACHEMEHL,RB.....	7-986	MAJDI,SO.....	1-2038
LYTTON,RL.....	0-372-1F	MACHEMEHL,RB.....	7-1080	MAJDI,SO.....	1-2038-1F
LYTTON,RL.....	0-429-1F	MACHEMEHL,RB.....	7-1080-1F	MAK,KK.....	0-399
LYTTON,RL.....	0-455	MACHEMEHL,RB.....	0-1107	MAK,KK.....	0-399-1F
LYTTON,RL.....	0-455-1	MACHEMEHL,RB.....	0-1107-4	MAK,KK.....	0-1179
LYTTON,RL.....	0-456	MACHEMEHL,RB.....	0-1111	MAK,KK.....	7-1917
LYTTON,RL.....	0-473	MACHEMEHL,RB.....	0-1111-1F	MAK,KK.....	7-1917-1
LYTTON,RL.....	0-473-1	MACHEMEHL,RB.....	0-1138	MAK,KK.....	7-1938
LYTTON,RL.....	0-473-2	MACHEMEHL,RB.....	0-1138-1F	MALINA,JF.....	0-16
LYTTON,RL.....	0-473-3F	MACHEMEHL,RB.....	0-1139	MALINA,JF.....	0-16-1F
LYTTON,RL.....	0-473-3f	MACHEMEHL,RB.....	0-1258	MALINA,JF.....	0-442
LYTTON,RL.....	0-476	MACHEMEHL,RB.....	0-1296	MALINA,JF.....	0-442-3
LYTTON,RL.....	0-476-1	MACHEMEHL,RB.....	0-1308	MALINA,JF.....	0-442-4
LYTTON,RL.....	9-506	MACHEMEHL,RB.....	7-1906	MALINA,JF.....	0-442-5F
LYTTON,RL.....	9-506-1F	MACHEMEHL,RB.....	7-1906-1F	MALINA,JF.....	7-1900
LYTTON,RL.....	7-953	MACKAY,WP.....	0-1135-2F	MALINA,JF.....	7-1943
LYTTON,RL.....	0-1121	MAFFEI, JR.....	0-401-4	MALKEMUS,D.....	0-363-2F
LYTTON,RL.....	0-1123-1	MAGERS,RH.....	9-544	MANDEL,E.....	9-556-4F
LYTTON,RL.....	0-1165	MAGERS,RH.....	9-549	MANDELL,E.....	9-556-1

- INDEX OF RESEARCHERS & AUTHORS -

MANGUM, G.....	0-186	MASON, JM.....	0-331-3F	MAYS, LW.....	0-314-2F
MANGUM, SE.....	0-28-1F	MASON, JM.....	0-397-1	MAYS, LW.....	0-466
MANGUM, SE.....	0-171-3F	MASON, JM.....	0-397-3	MAYS, LW.....	0-466-1F
MANGUM, WD.....	0-385-1	MASON, JM.....	0-420-1	MC ALLISTER, MJ.....	0-1202-1F
MANGUM, WD.....	0-385-2F	MASON, JM.....	0-420-2	MC CULLOUGH, BF.....	0-472-472-7F
MANNIX, JF.....	0-42	MASON, JM.....	0-424-1F	MC CULLOUGH, BF.....	9-556-4
MANNIX, JF.....	0-42-1F	MASSEY, BC.....	0-85-10F	MC FARLAND, WF.....	0-1106-2
MARCUS, CT.....	0-1111-1F	MASSEY, BC.....	0-85-10F	MC FARLAND, WF.....	0-1310
MAREK, MA.....	7-991-1	MASSEY, BC.....	0-85-10F	MCCALL, VD.....	SS 15.12
MARQUIS, EL.....	0-146-6	MASSIMI, JJ.....	0-356-1	MCCASLAND, WR.....	0-24
MARQUIS, EL.....	0-146-9	MASSIMI, JJ.....	0-356-3F	MCCASLAND, WR.....	0-24-7
MARQUIS, EL.....	0-146-10	MATHEWSON, CC.....	0-267-1F	MCCASLAND, WR.....	0-24-9
MARQUIS, EL.....	0-146-12	MATLOCK, H.....	0-23	MCCASLAND, WR.....	0-24-10
MARQUIS, EL.....	0-146-13F	MATLOCK, H.....	0-23-1	MCCASLAND, WR.....	0-24-13
MARQUIS, EL.....	0-223-1	MATLOCK, H.....	0-23-2	MCCASLAND, WR.....	0-24-19
MARQUIS, EL.....	0-223-2F	MATLOCK, H.....	0-23-3F	MCCASLAND, WR.....	0-24-22
MARQUIS, EL.....	0-262-2	MATLOCK, H.....	0-56	MCCASLAND, WR.....	0-24-24
MARSDEN, BG.....	0-375-1F	MATLOCK, H.....	0-56-1	MCCASLAND, WR.....	0-24-25
MARSHALL, BP.....	0-183-1	MATLOCK, H.....	0-56-2	MCCASLAND, WR.....	0-24-26F
MARSHALL, KR.....	7-965-1F	MATLOCK, H.....	0-56-3	MCCASLAND, WR.....	0-24-PROG
MARSHALL, KR.....	7-1065-2F	MATLOCK, H.....	0-56-4	MCCASLAND, WR.....	0-47
MARSHEK, K.....	0-386	MATLCK, H.....	0-56-5	MCCASLAND, WR.....	0-47-1F
MARSHEK, K.....	0-1246	MATLOCK, H.....	0-56-6	MCCASLAND, WR.....	0-59
MARSHEK, KM.....	0-386-1	MATLOCK, H.....	0-56-7	MCCASLAND, WR.....	0-132
MARSHEK, KM.....	0-386-2F	MATLOCK, H.....	0-56-8	MCCASLAND, WR.....	0-132-1F
MARSHEK, KM.....	0-445	MATLOCK, H.....	0-56-10	MCCASLAND, WR.....	0-139
MARSHEK, KM.....	0-445-1	MATLOCK, H.....	0-56-13	MCCASLAND, WR.....	0-139-11
MARSHEK, KM.....	0-445-2F	MATLOCK, H.....	0-56-17	MCCASLAND, WR.....	0-139-13F
MARSHEK, KM.....	0-1190	MATLOCK, H.....	0-56-18	MCCASLAND, WR.....	0-165
MARSHEK, KM.....	0-1190-1	MATLCK, H.....	0-56-19	MCCASLAND, WR.....	0-165-9
MARSHEK, KM.....	0-1190-2F	MATLOCK, H.....	0-56-21	MCCASLAND, WR.....	0-165-11
MARTIN, JR.....	0-81-14	MATLOCK, H.....	0-56-23	MCCASLAND, WR.....	0-165-15
MARTIN, WN.....	0-256-3	MATLOCK, H.....	0-56-24	MCCASLAND, WR.....	0-165-18F
MARTINEZ, DF.....	0-285-1	MATLOCK, H.....	0-56-25	MCCASLAND, WR.....	0-173
MARTINEZ, DF.....	0-285-2	MATLOCK, H.....	0-56-28	MCCASLAND, WR.....	0-173-1
MARTINEZ, DF.....	0-285-3	MATLOCK, H.....	0-56-INT.	MCCASLAND, WR.....	0-173-2
MARTINEZ, JE.....	0-75-9	MATLOCK, H.....	0-118	MCCASLAND, WR.....	0-173-3F
MARTINEZ, JE.....	0-147-1	MATLOCK, H.....	0-118-9F	MCCASLAND, WR.....	0-202
MARTINEZ, JE.....	0-237-1F	MATLOCK, H.....	0-201	MCCASLAND, WR.....	0-202-3F
MARTINEZ, SE.....	0-237	MATLOCK, H.....	9-505	MCCASLAND, WR.....	0-205-9
MARVEL, DL.....	0-1192-1F	MATLOCK, NL.....	0-228-1	MCCASLAND, WR.....	0-205-16
MASCH, FD.....	0-92	MATLOCK, NL.....	0-263-1	MCCASLAND, WR.....	0-210
MASCH, FD.....	0-92-4	MAULON, BW.....	0-44-1	MCCASLAND, WR.....	0-210-2
MASCH, FD.....	0-92-5F	MAXWELL, DA.....	0-120-1F	MCCASLAND, WR.....	0-210-7
MASCH, FD.....	9-515-1F	MAXWELL, DA.....	0-205-17	MCCASLAND, WR.....	0-210-10
MASER, K.....	7-930-5	MAXWELL, DA.....	0-299-5	MCCASLAND, WR.....	0-290
MASER, K.....	7-930-5F	MAXWELL, DA.....	0-299-6F	MCCASLAND, WR.....	0-290-1
MASON, JM.....	0-299	MAXWELL, DA.....	0-424-1F	MCCASLAND, WR.....	0-290-4F
MASON, JM.....	0-299-1	MAYKUTH,.....	SS 26.00	MCCASLAND, WR.....	0-338
MASON, JM.....	0-299-2	MAYS, IK.....	0-46-6	MCCASLAND, WR.....	0-338-1F
MASON, JM.....	0-299-3	MAYS, IK.....	0-104	MCCASLAND, WR.....	0-393
MASON, JM.....	0-299-4	MAYS, LW.....	0-301	MCCASLAND, WR.....	0-393-3F
MASON, JM.....	0-299-5	MAYS, LW.....	0-301-1F	MCCASLAND, WR.....	0-410
MASON, JM.....	0-299-6F	MAYS, LW.....	0-314	MCCASLAND, WR.....	0-410-7F
MASON, JM.....	0-331-1	MAYS, LW.....	0-314-1	MCCASLAND, WR.....	0-484

- INDEX OF RESEARCHERS & AUTHORS -

MCCASLAND, WR.....	0-484-1	MCCULLOUGH, BF.....	0-177-1	MCCULLOUGH, BF.....	0-388-5F
MCCASLAND, WR.....	0-484-3	MCCULLOUGH, BF.....	0-177-2	MCCULLOUGH, BF.....	0-401-1
MCCASLAND, WR.....	0-484-6	MCCULLOUGH, BF.....	0-177-3	MCCULLOUGH, BF.....	0-401-2
MCCASLAND, WR.....	0-484-7	MCCULLOUGH, BF.....	0-177-4	MCCULLOUGH, BF.....	0-401-3
MCCASLAND, WR.....	9-501	MCCULLOUGH, BF.....	0-177-5	MCCULLOUGH, BF.....	0-401-4
MCCASLAND, WR.....	9-517	MCCULLOUGH, BF.....	0-177-6	MCCULLOUGH, BF.....	0-401-5
MCCASLAND, WR.....	9-517-1	MCCULLOUGH, BF.....	0-177-7	MCCULLOUGH, BF.....	0-401-6
MCCASLAND, WR.....	9-517-2F	MCCULLOUGH, BF.....	0-177-8	MCCULLOUGH, BF.....	0-401-7
MCCASLAND, WR.....	7-935	MCCULLOUGH, BF.....	0-177-9	MCCULLOUGH, BF.....	0-401-8F
MCCASLAND, WR.....	7-958	MCCULLOUGH, BF.....	0-177-10	MCCULLOUGH, BF.....	0-422
MCCASLAND, WR.....	7-972	MCCULLOUGH, BF.....	0-177-11	MCCULLOUGH, BF.....	0-422-1
MCCASLAND, WR.....	7-985	MCCULLOUGH, BF.....	0-177-12	MCCULLOUGH, BF.....	0-430-1F
MCCASLAND, WR.....	0-1113	MCCULLOUGH, BF.....	0-177-13	MCCULLOUGH, BF.....	0-457
MCCASLAND, WR.....	0-1192-1F	MCCULLOUGH, BF.....	0-177-14	MCCULLOUGH, BF.....	0-457-1
MCCASLAND, WR.....	0-1232	MCCULLOUGH, BF.....	0-177-15	MCCULLOUGH, BF.....	0-457-2
MCCASLAND, WR.....	7-1922	MCCULLOUGH, BF.....	0-177-16	MCCULLOUGH, BF.....	0-457-3
MCCASLAND, WR.....	7-1941	MCCULLOUGH, BF.....	0-177-17	MCCULLOUGH, BF.....	0-457-4
MCCASLAND, WR.....	RP-16(09)	MCCULLOUGH, BF.....	0-177-18	MCCULLOUGH, BF.....	0-457-5F
MCCOY, PT.....	0-75-1	MCCULLOUGH, BF.....	0-177-19	MCCULLOUGH, BF.....	0-459
MCCULLEY, W.....	0-182	MCCULLOUGH, BF.....	0-177-20	MCCULLOUGH, BF.....	0-459-1
MCCULLOUGH, B.....	0-1312	MCCULLOUGH, BF.....	0-177-21	MCCULLOUGH, BF.....	0-459-2F
MCCULLOUGH, BF.....	0-21	MCCULLOUGH, BF.....	0-177-22F	MCCULLOUGH, BF.....	0-470
MCCULLOUGH, BF.....	0-21-1F	MCCULLOUGH, BF.....	0-187	MCCULLOUGH, BF.....	0-472
MCCULLOUGH, BF.....	0-39	MCCULLOUGH, BF.....	0-246	MCCULLOUGH, BF.....	0-472-1
MCCULLOUGH, BF.....	0-39-1	MCCULLOUGH, BF.....	0-246-1	MCCULLOUGH, BF.....	0-472-2
MCCULLOUGH, BF.....	0-39-2	MCCULLOUGH, BF.....	0-249	MCCULLOUGH, BF.....	0-472-3
MCCULLOUGH, BF.....	0-39-3	MCCULLOUGH, BF.....	0-249-1	MCCULLOUGH, BF.....	0-472-7F
MCCULLOUGH, BF.....	0-45	MCCULLOUGH, BF.....	0-249-2	MCCULLOUGH, BF.....	9-502
MCCULLOUGH, BF.....	0-45-1	MCCULLOUGH, BF.....	0-249-3	MCCULLOUGH, BF.....	9-502-1F
MCCULLOUGH, BF.....	0-45-2	MCCULLOUGH, BF.....	0-249-4	MCCULLOUGH, BF.....	9-555
MCCULLOUGH, BF.....	0-45-3	MCCULLOUGH, BF.....	0-249-5	MCCULLOUGH, BF.....	9-555-555/556-1
MCCULLOUGH, BF.....	0-46	MCCULLOUGH, BF.....	0-249-6	MCCULLOUGH, BF.....	9-556
MCCULLOUGH, BF.....	0-46-1	MCCULLOUGH, BF.....	0-249-7	MCCULLOUGH, BF.....	9-556-3
MCCULLOUGH, BF.....	0-46-2	MCCULLOUGH, BF.....	0-249-8F	MCCULLOUGH, BF.....	7-920
MCCULLOUGH, BF.....	0-46-3	MCCULLOUGH, BF.....	0-256	MCCULLOUGH, BF.....	7-920-2
MCCULLOUGH, BF.....	0-46-4	MCCULLOUGH, BF.....	0-256-6F	MCCULLOUGH, BF.....	7-920-3
MCCULLOUGH, BF.....	0-46-5	MCCULLOUGH, BF.....	0-298-1	MCCULLOUGH, BF.....	7-920-4
MCCULLOUGH, BF.....	0-46-6	MCCULLOUGH, BF.....	0-298-1	MCCULLOUGH, BF.....	7-931
MCCULLOUGH, BF.....	0-51-INT.	MCCULLOUGH, BF.....	0-298-1	MCCULLOUGH, BF.....	7-964
MCCULLOUGH, BF.....	0-109	MCCULLOUGH, BF.....	0-298-1	MCCULLOUGH, BF.....	7-969
MCCULLOUGH, BF.....	0-123	MCCULLOUGH, BF.....	0-298-1	MCCULLOUGH, BF.....	7-969-1
MCCULLOUGH, BF.....	0-123-1	MCCULLOUGH, BF.....	0-312	MCCULLOUGH, BF.....	7-969-2F
MCCULLOUGH, BF.....	0-123-3	MCCULLOUGH, BF.....	0-312-1	MCCULLOUGH, BF.....	7-987
MCCULLOUGH, BF.....	0-123-5	MCCULLOUGH, BF.....	0-312-1	MCCULLOUGH, BF.....	7-987-1
MCCULLOUGH, BF.....	0-123-7	MCCULLOUGH, BF.....	0-312-1	MCCULLOUGH, BF.....	0-1169
MCCULLOUGH, BF.....	0-123-8	MCCULLOUGH, BF.....	0-312-1	MCCULLOUGH, BF.....	0-1169-1
MCCULLOUGH, BF.....	0-123-9	MCCULLOUGH, BF.....	0-312-1	MCCULLOUGH, BF.....	0-1169-2
MCCULLOUGH, BF.....	0-123-10	MCCULLOUGH, BF.....	0-357	MCCULLOUGH, BF.....	0-1169-2
MCCULLOUGH, BF.....	0-123-14	MCCULLOUGH, BF.....	0-357-1	MCCULLOUGH, BF.....	0-1177
MCCULLOUGH, BF.....	0-123-16	MCCULLOUGH, BF.....	0-357-2F	MCCULLOUGH, BF.....	0-1199
MCCULLOUGH, BF.....	0-123-19	MCCULLOUGH, BF.....	0-388	MCCULLOUGH, BF.....	0-1205
MCCULLOUGH, BF.....	0-123-21	MCCULLOUGH, BF.....	0-388-1	MCCULLOUGH, BF.....	0-1205-1
MCCULLOUGH, BF.....	0-123-26	MCCULLOUGH, BF.....	0-388-2	MCCULLOUGH, BF.....	0-1205-2
MCCULLOUGH, BF.....	0-123-30F	MCCULLOUGH, BF.....	0-388-3	MCCULLOUGH, BF.....	0-1205-4F
MCCULLOUGH, BF.....	0-177	MCCULLOUGH, BF.....	0-388-4	MCCULLOUGH, BF.....	0-1227



- INDEX OF RESEARCHERS & AUTHORS -

MCCULLOUGH, BF	0-1244	MCFARLAND, WF	0-214	MCNEES, RW	0-322-4F
MCCULLOUGH, BF	0-1244-422/1244-1	MCFARLAND, WF	0-214-1	MCNEES, RW	0-349
MCCULLOUGH, BF	0-1246-2F	MCFARLAND, WF	0-214-5	MCNEES, RW	0-349-1F
MCCULLOUGH, BF	7-1900	MCFARLAND, WF	0-214-8	MCNEES, RW	9-582
MCCULLOUGH, BF	7-1900	MCFARLAND, WF	0-225	MCWILLIAMS, EE	7-902-4
MCCULLOUGH, BF	7-1900	MCFARLAND, WF	0-225-8	MCWILLIAMS, EL	7-902-5
MCCULLOUGH, BF	7-1924	MCFARLAND, WF	0-227	MECHLER, AM	0-258-3F
MCCULLOUGH, BF	7-1934	MCFARLAND, WF	0-227-1	MECHLER, AM	0-309-1F
MCCULLOUGH, BF	7-1948	MCFARLAND, WF	0-227-2F	MEHTA, KC	0-1207
MCCULLOUGH, BF	NY 62-1	MCFARLAND, WF	0-227-2F	MEHTA, KC	0-1207-1F
MCCULLOUGH, BF	NY 62-4	MCFARLAND, WF	0-268	MEHTA, KC	0-1303
MCCULLOUGH, BF	NY 64-1	MCFARLAND, WF	0-337	MEINHEIT, DF	0-154-1
MCCULLOUGH, BF	SS 01.00	MCFARLAND, WF	0-337-1F	MELCHER, AM	0-258-2
MCCULLOUGH, BF	SS 03.00	MCFARLAND, WF	0-396	MELIS, LM	0-432-1F
MCCULLOUGH, BF	SS 03.01	MCFARLAND, WF	0-396-1	MEMMOTT, JL	0-225-22
MCCULLY, WG	0-13	MCFARLAND, WF	0-396-2F	MEMMOTT, JL	0-225-23
MCCULLY, WG	0-13-3F	MCFARLAND, WF	0-412-1F	MEMMOTT, JL	0-225-24
MCCULLY, WG	0-67	MCFARLAND, WF	0-498	MEMMOTT, JL	0-225-26
MCCULLY, WG	0-67-1	MCFARLAND, WF	0-498-1F	MEMMOTT, JL	0-225-27
MCCULLY, WG	0-67-2	MCFARLAND, WF	7-1057	MEMMOTT, JL	0-225-27
MCCULLY, WG	0-67-6	MCFARLAND, WF	7-1057-1F	MEMMOTT, JL	0-225-27
MCCULLY, WG	0-67-7	MCFARLAND, WF	0-1130	MEMMOTT, JL	0-225-28F
MCCULLY, WG	0-67-8F	MCFARLAND, WF	0-1130-1	MEMMOTT, JL	0-292-1
MCCULLY, WG	0-142	MCFARLAND, WF	0-1137	MEMMOTT, JL	0-327-1
MCCULLY, WG	0-142-1	MCFARLAND, WF	0-1137-1F	MEMMOTT, JL	0-337-1F
MCCULLY, WG	0-142-2	MCFARLAND, WF	0-1192-1F	MEMMOTT, JL	0-412-1F
MCCULLY, WG	0-142-3	MCFARLAND, WF	0-1221	MEMMOTT, JL	0-480
MCCULLY, WG	0-142-4F	MCFARLAND, WF	0-1221-1F	MEMMOTT, JL	0-480-1
MCCULLY, WG	0-142-PROG.	MCFARLAND, WF	0-1260	MEMMOTT, JL	0-480-2F
MCCULLY, WG	0-182-1	MCFARLAND, WF	0-1262	MEMMOTT, JL	0-498
MCCULLY, WG	0-182-2F	MCFARLAND, WF	0-1277	MEMMOTT, JL	0-498-1F
MCCULLY, WG	7-902	MC GEE, J	9-543	MEMMOTT, JL	7-998
MCCULLY, WG	7-902-2	MC GENNIS, RB	0-253-1	MEMMOTT, JL	0-1105
MCCULLY, WG	7-902-3	MC GENNIS, RB	0-313-1	MEMMOTT, JL	0-1105-1F
MCCULLY, WG	7-902-4	MC GENNIS, RB	0-313-2F	MEMMOTT, JL	0-1106-2
MCCULLY, WG	7-902-5	MC GENNIS, RB	0-317-1	MEMMOTT, JL	0-1115
MCCULLY, WG	7-902-A-1	MCINTYRE, RJ	7-1080-1F	MEMMOTT, JL	0-1115-1F
MCCULLY, WG	7-1933	MCKEEN, RG	0-81-6	MEMMOTT, JL	0-1128
MCCULLOUGH, BF	9-556-4F	MCKEEN, RG	0-81-11	MEMMOTT, JL	0-1128-1F
MCDONALD, A	7-1062	MCKEEN, WR	0-141-PROG.1	MEMMOTT, JL	0-1221-1F
MCDONALD, JR	7-1954	MCKENZIE, DW	0-251-1	MEMMOTT, JL	0-1229
MCDOWELL, C	0-48	MCKERALL, WC	0-240-1	MEMMOTT, JL	7-1990
MCDOWELL, C	0-48-1F	MCKINNEY JR, RL	0-118-7	MEMMOTT, JL	7-2003-1F
MCDOWELL, C	0-118-7	MCNEES, RW	0-220-1	MENON, G	0-196-1F
MCFARLAND, W	0-1212-1F	MCNEES, RW	0-220-2	MERTWETHER, M	0-340-4F
MCFARLAND, WF	0-24-22	MCNEES, RW	0-220-3	MERRELL, RL	0-38
MCFARLAND, WF	0-32-11	MCNEES, RW	0-220-4F	MERRELL, RL	0-38-1F
MCFARLAND, WF	0-60-7	MCNEES, RW	0-222-2F	MERRELL, RL	0-179
MCFARLAND, WF	0-123-13	MCNEES, RW	0-277	MERRELL, RL	0-179-1F
MCFARLAND, WF	0-135-6	MCNEES, RW	0-277-1	MESHGIN, K	0-116-1
MCFARLAND, WF	0-137-1	MCNEES, RW	0-277-1	MESHGIN, K	0-116-2F
MCFARLAND, WF	0-191	MCNEES, RW	0-277-2F	MESSER, CJ	0-139-5
MCFARLAND, WF	0-191-1	MCNEES, RW	0-322	MESSER, CJ	0-139-6
MCFARLAND, WF	0-191-2F	MCNEES, RW	0-322-1	MESSER, CJ	0-139-7
MCFARLAND, WF	0-202-2	MCNEES, RW	0-322-2	MESSER, CJ	0-165-3
		MCNEES, RW	0-322-3	MESSER, CJ	0-165-6

- INDEX OF RESEARCHERS & AUTHORS -

MESSER, CJ	0-165-7	MEUTH, HG	0-58-5	MEYER, AH	0-387-3F
MESSER, CJ	0-165-8	MEUTH, HG	0-58-6	MEYER, AH	0-427-1F
MESSER, CJ	0-165-12	MEUTH, HG	0-58-7F	MEYER, AH	0-432-1F
MESSER, CJ	0-165-14	MEUTH, HG	0-148-1	MEYER, AH	0-437
MESSER, CJ	0-178	MEUTH, HG	0-148-2	MEYER, AH	0-438
MESSER, CJ	0-178-1	MEUTH, HG	0-159-1	MEYER, AH	0-438-1F
MESSER, CJ	0-178-2F	MEUTH, HG	RP-02(05)	MEYER, AH	0-451-1F
MESSER, CJ	0-200	MEYER, AH	0-81-7	MEYER, AH	0-460
MESSER, CJ	0-200-1F	MEYER, AH	0-130-2	MEYER, AH	0-460-1
MESSER, CJ	0-203	MEYER, AH	0-141	MEYER, AH	0-460-2
MESSER, CJ	0-203-1	MEYER, AH	0-141-1	MEYER, AH	0-460-460-3F
MESSER, CJ	0-203-2F	MEYER, AH	0-141-2	MEYER, AH	0-490
MESSER, CJ	0-220	MEYER, AH	0-141-3	MEYER, AH	0-490-1
MESSER, CJ	0-220-1	MEYER, AH	0-141-4F	MEYER, AH	0-490-3
MESSER, CJ	0-220-2	MEYER, AH	0-141-PROG.1	MEYER, AH	0-1118
MESSER, CJ	0-220-3	MEYER, AH	0-141-PROG.2	MEYER, AH	0-1118-1F
MESSER, CJ	0-220-4F	MEYER, AH	0-151	MEYER, AH	0-1124
MESSER, CJ	0-281	MEYER, AH	0-151-1	MEYER, AH	0-1124-1F
MESSER, CJ	0-293-1F	MEYER, AH	0-151-2	MEYER, AH	0-1218
MESSER, CJ	0-344	MEYER, AH	0-151-4F	MEYER, AH	0-1218-1F
MESSER, CJ	0-344-2F	MEYER, AH	0-187	MEYER, AH	0-1222
MESSER, CJ	0-375-1F	MEYER, AH	0-187	MEYER, BJ	0-244-1
MESSER, CJ	0-397-2	MEYER, AH	0-246-1	MEYER, KT	RP-08(01)
MESSER, CJ	0-402-1	MEYER, AH	0-246-3	MICHALAK, CH	0-32-13
MESSER, CJ	0-402-2	MEYER, AH	0-246-4F	MICHALAK, CH	0-123-6
MESSER, CJ	0-402-3F	MEYER, AH	0-256	MICHALAK, CH	0-123-25
MESSER, CJ	0-467-1	MEYER, AH	0-256-1	MICHALAK, CH	0-123-28
MESSER, CJ	0-467-2F	MEYER, AH	0-256-2	MICHALAK, CH	0-123-6A
MESSER, CJ	0-478-1	MEYER, AH	0-256-3	MICHALAK, CH	0-207-1
MESSER, CJ	7-970-1F	MEYER, AH	0-256-5	MICHALAK, CH	0-207-7F
MESSER, CJ	7-971	MEYER, AH	0-256-6F	MICHALAK, CH	0-1123-4F
MESSER, CJ	7-982	MEYER, AH	0-311	MICHALEK, CH	0-1123-1
MESSER, CJ	7-989	MEYER, AH	0-311-1	MICHEL, B	0-275-1F
MESSER, CJ	0-1135	MEYER, AH	0-311-2	MICULKA, JP	9-528-1F
MESSER, CJ	0-1135-1	MEYER, AH	0-311-3	MIDDLETON, DR	0-331-3F
MESSER, CJ	0-1135-2F	MEYER, AH	0-311-4	MIDDLETON, DR	0-372-1F
MESSER, CJ	0-1148	MEYER, AH	0-311-5	MIDDLETON, DR	0-420
MESSER, CJ	0-1148-1	MEYER, AH	0-311-6	MIDDLETON, DR	0-420-1
MESSER, CJ	0-1148-2	MEYER, AH	0-311-7F	MIDDLETON, DR	0-420-2
MESSER, DJ	7-1990	MEYER, AH	0-355	MIDDLETON, DR	0-420-3F
MESSINA, A	9-541	MEYER, AH	0-355-1	MIDDLETON, DR	0-420-3F
MESSINA, AD	0-283-1	MEYER, AH	0-355-2F	MIDDLETON, DR	0-1109
MESSINA, AD	9-541-1F	MEYER, AH	0-359	MIDDLETON, DR	0-1109-1F
METYKO, MJ	0-299-1	MEYER, AH	0-359-1	MIDDLETON, DR	0-1145
MEUTH, HG	0-4-2	MEYER, AH	0-359-3F	MIDDLETON, DR	0-1145-1F
MEUTH, HG	0-4-5	MEYER, AH	0-363	MIDDLETON, DR	0-1266
MEUTH, HG	0-8-1	MEYER, AH	0-363-1	MIDDLETON, DR	7-1905
MEUTH, HG	0-8-2	MEYER, AH	0-363-2F	MILBERGER, LJ	0-31-1F
MEUTH, HG	0-8-3F	MEYER, AH	0-369-1F	MILBERGER, LJ	0-99-2
MEUTH, HG	0-8-PROGRESS	MEYER, AH	0-385	MILBERGER, LJ	0-99-3
MEUTH, HG	0-58	MEYER, AH	0-385-1	MILBERGER, LJ	0-99-4
MEUTH, HG	0-58-1	MEYER, AH	0-385-2F	MILBERGER, LJ	0-130-4
MEUTH, HG	0-58-2	MEYER, AH	0-387	MILBERGER, LJ	0-169-1
MEUTH, HG	0-58-3	MEYER, AH	0-387-1	MILBERGER, LJ	0-169-2
MEUTH, HG	0-58-4	MEYER, AH	0-387-2	MILBERGER, LJ	0-169-3

- INDEX OF RESEARCHERS & AUTHORS -

MILBERGER, LJ	0-169-4F	MOORE, WM	0-99-4	MOUNCE, JM	7-1941
MILBERGER, LJ	0-174-1F	MOORE, WM	0-123	MOUSKOS, K	0-356-2
MILBERGER, LJ	0-195-1F	MOORE, WM	0-123-6	MOUSKOS, K	0-356-3F
MILLER, JP	0-66-2F	MOORE, WM	0-123-7	MUCHAW, DB	EP632-01
MILLER, JW	0-184-3	MOORE, WM	0-123-6A	MULLINS, BF	RP-05(01)
MILLER, JW	EP627-01	MOORE, WM	0-130	MULLINS, BF	RP-16(01)
MILLER, M	0-114-7	MOORE, WM	0-130-4	MULLINS, JA	7-1086-6
MILLER, SP	0-98-4	MOORE, WM	0-130-7	MULLINS, JA	7-1086-7
MILSAP, HW	0-1151-1F	MOORE, WM	0-130-9	MULLINS, JA	0-1103-2F
MINER, BF	0-1123-7F	MOORE, WM	0-130-10	MULLINS, JA	0-1107-2
MIRZA, SA	0-113-5F	MOORE, WM	0-130-11F	MULLINS, JA	0-1107-5F
MIRZA, SA	0-153-1F	MOORE, WM	0-136	MUNDKOWSKY, WF	RP-21(02)
MITRI, WA	0-1240-1	MOORE, WM	0-136-5	MUNDKOWSKY, WR	RP-21(01)
MIVICHAK, V	0-7-2F	MOORE, WM	0-136-6F	MUNOZ, A	9-565-1F
MOOR, S	0-1138-1F	MOORE, WM	0-136-6F	MUSSER, PL	0-383-1
MOE, RD	0-283-3F	MOORE, WW	0-136-2	MUTHUSUBRAMANYAM, M	0-357-2F
MOE, RD	9-516	MORAN, M	9-535-1F	MUTHUSUBRAMANYAM, M	0-430-1F
MOE, RD	9-516-1F	MORELES-VALENTIN, GE	0-460-1	NACHLINGER, RN	0-118-2
MOE, RD	9-528	MORENO, R	1-5	NAIR, SK	0-354-1F
MOE, RD	9-528-1F	MORGAN, JR	0-483	NASH, P	9-500
MOE, RD	9-541-1F	MORGAN, JR	0-483-1F	NASSIRI, HS	0-420-2
MOE, RD	0-1224-1F	MORGAN, JR	0-1122	NASSIRI, HS	0-424-1F
MOLINA, CJ	0-397-1	MORGAN, JR	0-1122-1F	NASSIRI, HS	0-1142-1F
MOLINA, CJ	0-397-2	MORGAN, JR	0-1219	NATARAJAN, M	0-96-4
MONTIETH, B	0-272-1F	MORGAN, RR	0-133-3F	NATARAJAN, M	0-96-5F
MOORE, K	9-535	MORRIS, D	0-1146-1	NAVARRO, D	0-183-2
MOORE, RK	0-98-12	MORRIS, DE	0-339-5	NAYAKK, BC	0-177-11
MOORE, W	0-61	MORRIS, DE	0-1146-2	NAZARIAN, S	0-256-4
MOORE, W	0-92	MORRIS, DE	0-1146-4	NAZARIAN, S	0-256-5
MOORE, W	0-116	MORRIS, DE	0-1186-2	NAZARIAN, S	0-368-1F
MOORE, WE	0-99-5F	MORRIS, DE	0-1186-2	NAZARIAN, S	7-913
MOORE, WL	0-92-1	MORRIS, DV	0-187	NAZARIAN, S	7-913-1F
MOORE, WL	0-92-2	MORRIS, DV	0-187	NAZARIAN, S	7-913-7-913
MOORE, WL	0-92-3	MORRIS, DV	0-1178	NAZARIAN, S	7-913-7-913
MOORE, WL	0-116-1	MOSTER, OR	EP614-02	NAZARIAN, S	7-913-7-913
MOORE, WL	0-116-2F	MOUNCE, J	0-1113-1F	NAZARIAN, S	7-913-7-913
MOORE, WM	0-12	MOUNCE, J	SS 26.00	NAZARIAN, S	0-1177
MOORE, WM	0-12-1	MOUNCE, JM	0-205-16	NAZARIAN, S	0-1243
MOORE, WM	0-12-2F	MOUNCE, JM	0-205-20	NAZARIAN, S	7-1920
MOORE, WM	0-32-4	MOUNCE, JM	0-339-1	NAZARIAN, S	7-1920-1
MOORE, WM	0-32-7	MOUNCE, JM	0-339-2	NAZARIAN, S	7-1920-1
MOORE, WM	0-32-8	MOUNCE, JM	0-339-6	NAZARIAN, S	7-1947
MOORE, WM	0-32-9	MOUNCE, JM	0-339-14	NEAL, RS	EP608-01
MOORE, WM	0-32-11	MOUNCE, JM	0-410-7F	NEDE, N	7-1054
MOORE, WM	0-32-12	MOUNCE, JM	0-425-1	NEELEY, BR	EP612-02
MOORE, WM	0-57	MOUNCE, JM	0-425-2F	NELLI, JP	9-541-1F
MOORE, WM	0-57-1F	MOUNCE, JM	0-484-5	NEWCOMB, D	9-512-5
MOORE, WM	0-61-1F	MOUNCE, JM	7-935	NEWCOMB, D	9-512-6
MOORE, WM	0-81	MOUNCE, JM	7-985	NEWCOMB, DE	9-519-4
MOORE, WM	0-81-5	MOUNCE, JM	0-1113	NEWCOMB, DE	9-519-5
MOORE, WM	0-81-12	MOUNCE, JM	0-1113-1	NEWCOMB, DE	9-519-6
MOORE, WM	0-81-15F	MOUNCE, JM	0-1161-1	NEWCOMB, DE	9-536-1
MOORE, WM	0-81-SPEC.2	MOUNCE, JM	0-1232-4	NEWCOMB, DE	9-536-3
MOORE, WM	0-99	MOUNCE, JM	0-1261	NEWCOMB, DE	9-536-4
MOORE, WM	0-99-3	MOUNCE, JM	0-1261-1	NEWMANN, S	0-242-2

- INDEX OF RESEARCHERS & AUTHORS -

NEWTON, JG.....	0-25-1F	NUNGESSER, LG.....	7-1082-1F	ORELLANA, HE.....	0-101-1F
NEWTON, TM.....	0-164-1	O'BRIEN, JS.....	0-401-1	ORELLANA, HE.....	0-123-2
NEWTON, TM.....	0-221-1F	O'CONNOR, DL.....	0-180-1F	ORELLANA, HE.....	0-123-15
NEWTON, TM.....	0-233	O'CONNOR, DL.....	9-542-1F	ORELLANA, HE.....	0-123-20
NEWTON, TM.....	0-233-1	O'CONNOR, JT.....	7-922	OSEGUEA, FA.....	0-324-3
NG, P.....	0-241-4	O'CONNOR, JT.....	7-922-1F	OSEGUEA, FA.....	0-324-5F
NG, P.....	0-241-5	O'CONNOR, JT.....	7-954-1F	OSEGUEA, RA.....	0-324-1
NICHOLS, G.....	0-81-13	O'CONNOR, JT.....	0-1149	OSEGUEA, RA.....	0-324-2
NICHOLS, K.....	7-1058-1F	O'CONNOR, JT.....	0-1149-1	OSEGUEA, RA.....	0-1266
NIESSNER, CW.....	9-565-1F	O'CONNOR, JT.....	0-1149-2	OSEGUEA, RA.....	0-1266-2
NIXON, JF.....	0-192-4	O'CONNOR, JT.....	0-1149-3	OSTERNDORF, B.....	0-359-1
NIXON, JF.....	0-192-5	O'CONNOR, JT.....	0-1149-4	OSTERNDORF, B.....	0-359-3F
NIXON, JF.....	0-223-2F	O'CONNOR, JT.....	0-1149-5	OVERMAN, TR.....	0-300-2F
NIXON, JF.....	9-510-1F	O'MALLEY, ES.....	0-446-1F	OWENS, LK.....	0-1226-1F
NIXON, JF.....	9-510-1F	O'NEAL, RJ.....	0-214-12	OWENS, LK.....	0-1226-1-F
NIXON, JF.....	9-526-1	O'NEILL, MW.....	0-89-8	OWENS, MJ.....	0-255-1F
NIXON, JF.....	9-526-2F	O'NEILL, MW.....	0-89-11F	OWUSU-ANTWI, EB.....	0-460-2
NIXON, JF.....	9-534	OELL, P.....	0-95	PAES-FILHO, W.....	0-208-2
NIXON, JF.....	1-2032	OELL, PL.....	0-95-1F	PALMER, RP.....	0-371-2F
NIXON, JF.....	SS 08.00	OOSTRIL, B.....	9-536	PANAK, JJ.....	0-56
NIXON, JF.....	SS 12.01	OGDEN, MA.....	0-1161-1	PANAK, JJ.....	0-56-13
NIXON, JF.....	SS 12.02	OGDEN, MA.....	0-1161-3	PANAK, JJ.....	0-56-25
NIXON, JF.....	SS 12.04	OGDEN, MA.....	0-1161-3	PANAK, JJ.....	0-56-29F
NIXON, JF.....	SS 20.01	OGDEN, MA.....	0-1161-3	PANAK, JJ.....	0-56-INT.
NIXON, JF.....	SS 20.02	OGDEN, MA.....	0-1161-5	PANAK, JJ.....	0-206
NOBLE, CS.....	0-177-16	OGDEN, MA.....	0-1161-5	PANAK, JJ.....	0-206-1F
NOBLE, CS.....	0-177-17	OKEK, J.....	0-364-2	PANAK, JJ.....	0-226
NOBLE, CS.....	0-177-21	OLDS, J.....	9-535-1F	PANAK, JJ.....	0-226-1F
NOBLE, CS.....	0-177-22F	OLENDORF, T.....	9-533	PANAK, JJ.....	0-230-1
NOEL, JS.....	0-157	OLENDORF, T.....	9-533-1F	PANAK, JJ.....	9-505
NOEL, JS.....	0-157-1F	OLER, W.....	0-1207-1F	PANAK, JJ.....	9-505-1F
NOEL, JS.....	0-322	OLIVER, FL.....	SS 15.03	PAPALEONTIOU, CG.....	0-427-1F
NOEL, JS.....	0-322-1	OLSEN, MP.....	0-341	PAPALEONTIOU, CG.....	0-438-1F
NOEL, JS.....	0-322-2	OLSEN, MP.....	0-341-1F	PAPALEONTIOU, CG.....	0-490-1
NOEL, JS.....	0-322-3	OLSEN, MP.....	0-345	PAPALEONTIOU, CG.....	0-490-3
NOEL, JS.....	0-322-4F	OLSEN, MP.....	0-345-1	PAPALEONTIOU, CG.....	0-1118-1F
NOEL, JS.....	0-324	OLSEN, MP.....	0-345-2F	PAPALEONTIOU, CG.....	0-1124-1F
NOEL, JS.....	0-324-1	OLSEN, MP.....	0-371	PARADES, M.....	0-1123-1
NOEL, JS.....	0-324-2	OLSEN, MP.....	0-371-1	PAREDES, M.....	7-930-1
NOEL, JS.....	0-324-3	OLSEN, MP.....	0-371-2F	PAREDES, M.....	7-930-4
NOEL, JS.....	0-324-5F	OLSEN, MP.....	0-452	PARK, RA.....	0-19-3
NOEL, JS.....	0-349	OLSEN, MP.....	0-452-2	PARKER, F.....	0-117-1
NOEL, JS.....	0-349-1F	OLSON, RM.....	0-68-1	PARKER, F.....	0-117-2
NOEL, JS.....	0-477-1F	OLSON, RM.....	0-68-2	PARSONS, S.....	0-456-1F
NOEL, JS.....	0-1266	OLSON, RM.....	0-68-3	PASS, JD.....	0-247-5F
NOEL, JS.....	0-1266-2	OLSON, RM.....	0-68-4F	PATTY, TS.....	9-538-1
NORDSTROM, JA.....	0-288-1	OLSON, RM.....	0-138-7F	PAUL, CR.....	0-114-7
NORDSTROM, E.....	0-392-1F	OLSON, RM.....	0-151-1	PAUL, CW.....	0-214-1
NORDSTROM, J.....	7-1064-1F	OLSON, RM.....	0-164	PAUL, DR.....	0-114
NORDSTROM, JA.....	0-210-11	OLSON, RM.....	0-164-1	PAUL, DR.....	0-114-1
NORDSTROM, JA.....	7-1069-1F	OLSON, RM.....	0-164-4F	PAUL, DR.....	0-114-2
NORWOOD, JW.....	EP602-01	OLSON, RM.....	0-214-29	PAUL, DR.....	0-114-3
NUCKLES, NB.....	0-165-12	OLSON, RM.....	0-483-1F	PAUL, DR.....	0-114-4
NUNGESSER, LG.....	0-339-7	DRANGUN, CO.....	0-154-3F	PAUL, DR.....	0-114-5
NUNGESSER, LG.....	7-1069-1F	ORELLANA, H.....	0-49-3F	PAUL, DR.....	0-114-6

- INDEX OF RESEARCHERS & AUTHORS -

PAUL, DR.....	0-114-8	PETERSON, R.....	7-1074	PINNOI, N.....	0-1228-2F
PAUL, DR.....	0-114-9F	PETERSON, RL.....	0-205-15	PITCOCK, D.....	9-535-1F
PAUL, DR.....	0-246	PETERSON, RL.....	0-205-18	PITTMAN, MA.....	0-165-1
PAUL, DR.....	0-246-3	PETERSON, RL.....	0-205-19	PLATTEN, DA.....	0-247-1
PAUL, DR.....	0-246-4F	PETERSON, RL.....	0-205-21	PLEDGER, R.....	0-148-7F
PAUL, DR.....	0-311-1	PETERSON, RL.....	0-339-2	PLEDGER, R.....	0-159-1
PAUL, DR.....	0-311-2	PETERSON, RL.....	0-418-1F	POE, C.....	0-1196-1
PAULSON, C.....	0-300-1	PETERSON, RL.....	7-1065-2F	POE, CH.....	0-1252-1F
PAVLISKA, T.....	0-499	PETERSON, RL.....	7-1072-1F	POEHL, R.....	0-130-10
PAVLUCIK, MP.....	0-305-1F	PETERSON, RL.....	7-1074-1F	POEHL, R.....	0-136-1
PAYNE, HS.....	0-339-14	PETERSON, RL.....	7-1086-1	POLASEK, JC.....	0-218-1
PAYNE, LD.....	0-1141-1	PETERSON, RL.....	7-1086-2	POLASEK, JC.....	0-218-2
PEARRE, CM.....	0-56-11	PETERSON, RL.....	7-1086-3	POLASEK, JC.....	0-218-3
PEARSON, D.....	1-1099	PETERSON, RL.....	7-1086-4	POLASEK, JC.....	0-218-4
PEARSON, D.....	0-1235-2	PETERSON, RL.....	7-1086-5	POLASEK, JC.....	0-218-5F
PEARSON, D.....	0-1235-3	PEZO, RF.....	0-1190-2F	POLASEK, JC.....	9-516-1F
PEARSON, DF.....	0-17-1	PEZOLDT, VJ.....	0-1151	POLYZOIS, O.....	0-1126
PEARSON, DF.....	0-167-2	PEZOLDT, VJ.....	0-1151-1F	POLYZOIS, D.....	0-1126-1
PEARSON, DF.....	0-167-8	PHILIP, CV.....	0-419-1F	PORTERFIELD, CJ.....	0-205-19
PECHLIVANIDIS, C.....	0-1118-1F	PHILLIPS, DT.....	0-207-3	PORTERFIELD, CJ.....	0-205-21
PECK, C.....	7-1085-1F	PHILLIPS, DT.....	0-239-1	PORTERFIELD, CJ.....	7-1074-1F
PECK, G.....	0-123-30F	PHILLIPS, DT.....	0-239-2	PORWOLL, H.....	0-340-4F
PECK, G.....	9-532	PHILLIPS, DT.....	0-239-3	POST, ER.....	0-11-1
PECK, GB.....	0-249-7	PHILLIPS, DT.....	0-239-4	POST, ER.....	0-15-1
PECK, GB.....	9-532-1F	PHILLIPS, MB.....	0-32-10	POST, ER.....	0-15-1
PEDI60, RD.....	0-307-1	PHIPPS, AR.....	0-316-2	POST, ER.....	0-140-3
PEEPLER, OP.....	EP608-02	PHIPPS, AR.....	0-316-3F	POST, ER.....	0-140-4
PENDLETON, O.....	0-342	PHUNG, LT.....	0-479-1F	POST, ER.....	0-140-4
PENDLETON, O.....	0-403-1F	PICKETT, DL.....	0-261-1	POST, ER.....	0-140-5
PENDLETON, DJ.....	0-342-1F	PICORNELL, M.....	0-187-13	POST, ER.....	0-140-6
PENDOLA, HJ.....	0-98-3	PICORNELL, M.....	0-1165	POST, ER.....	0-140-7
PENLETON, O.....	0-333-1F	PICORNELL, M.....	0-1165-1	POST, ER.....	0-146-4
PENNELL, C.....	0-6	PICORNELL, M.....	0-1165-1	POST, ER.....	0-146-7
PERDOMO, D.....	0-1121-1	PING, V.....	0-441-1	POST, GJ.....	0-464-1F
PERDOMO, D.....	0-1121-2F	PING, WV.....	0-183-12	POSTON, RW.....	0-254-1
PERDOMO, O.....	0-1172-1F	PINNELL, C.....	0-6-2	POSTON, RW.....	0-254-2F
PERDUE, GW.....	0-125-4	PINNELL, C.....	0-6-FINAL	POSTON, RW.....	0-316-1
PEREIRA, T.....	0-456-1F	PINNELL, C.....	0-24	POSTON, RW.....	0-316-2
PEREIRA, T.....	0-456-1F	PINNELL, C.....	0-24-2	POTTER, BW.....	0-183-4
PEREZ, I.....	0-183-10	PINNELL, C.....	0-24-13	POWELL, LC.....	0-365-1
PERRY, ES.....	0-55-3F	PINNELL, C.....	0-24-19	POWELL, LC.....	0-365-2
PERRY, K.....	0-442	PINNELL, C.....	0-47-1F	POWELL, RB.....	0-1180-1F
PERRY, KW.....	0-442-1	PINNELL, C.....	0-59-4F	POWERS,.....	0-158
PERRY, KW.....	0-442-1	PINNELL, C.....	0-60	POWERS, AC.....	0-1127-2
PERRY, KW.....	0-442-4	PINNELL, C.....	0-60-4	POWERS, C.....	0-152-1F
PERRY, KW.....	0-442-5F	PINNELL, C.....	0-65	POWERS, CJ.....	0-171-2
PERRY, T.....	0-1151-1F	PINNELL, C.....	NY 62-3	PRAPNACHARI, S.....	0-187-18
PERSAD, K.....	7-922-1F	PINNELL, C.....	RP-16(03)	PREMTHANKORN, P.....	0-1240-1
PETERMAN, MB.....	0-315-1F	PINNELL, C.....	RP-16(04)	PRESCOTT, OM.....	0-169-3
PETERS, DB.....	0-183-11	PINNELL, C.....	RP-16(05)	PRETORIUS, CJ.....	0-1125-1F
PETERSEN, H.....	0-418-1F	PINNELL, C.....	RP-16(06)	PRICE, DA.....	0-359-3F
PETERSEN, HC.....	7-1074-1F	PINNELL, C.....	RP-16(08)	PRICE, DA.....	0-451-1F
PETERSEN, HL.....	0-331-3F	PINNELL, C.....	RP-16(09)	PRINCE, M.....	9-531
PETERSON, HC.....	0-299-6F	PINNELL, C.....	RP-16(10)	PROVINES, D.....	0-399-1F
PETERSON, R.....	7-1072	PINNOI, N.....	0-1228-1	PRY, WF.....	0-60-2

- INDEX OF RESEARCHERS & AUTHORS -

PRY,WF.....	0-60-3	REESE,LC.....	0-89-1	RICHARDS,SH.....	0-263-2
PRY,WF.....	0-60-4	REESE,LC.....	0-89-2	RICHARDS,SH.....	0-263-3
PUTMAN,DL.....	0-178-1	REESE,LC.....	0-89-3	RICHARDS,SH.....	0-263-4
QUADE,CE.....	0-463-1F	REESE,LC.....	0-89-4	RICHARDS,SH.....	0-263-5
QUIROS,GW.....	0-176-5F	REESE,LC.....	0-89-5	RICHARDS,SH.....	0-263-6
QURESHY,AB.....	0-404-1F	REESE,LC.....	0-89-6	RICHARDS,SH.....	0-263-7F
RABA,CF.....	0-105-2	REESE,LC.....	0-89-8	RICHARDS,SH.....	0-288
RABA,GW.....	0-240-3	REESE,LC.....	0-89-9	RICHARDS,SH.....	0-288-1
RADKE,M.....	0-6-FINAL	REESE,LC.....	0-89-10	RICHARDS,SH.....	0-292-2
RADKE,ML.....	0-24-18	REESE,LC.....	0-89-11F	RICHARDS,SH.....	0-292-3
RADKE,ML.....	0-24-21	REESE,LC.....	0-117	RICHARDS,SH.....	0-321
RADKE,ML.....	0-47-1F	REESE,LC.....	0-117-2	RICHARDS,SH.....	0-321-1
RADLOFF,BJ.....	0-1209-1F	REESE,LC.....	0-117-3F	RICHARDS,SH.....	0-321-2
RAHMAN,K.....	0-1205-3	REESE,LC.....	0-176	RICHARDS,SH.....	0-321-3F
RAJAGOPALAN,KS.....	0-113-1	REESE,LC.....	0-176-1	RICHARDS,SH.....	0-334
RAJAPPAN,BM.....	0-447-1F	REESE,LC.....	0-176-2	RICHARDS,SH.....	0-377
RALLS,ML.....	0-316-2	REESE,LC.....	0-176-3	RICHARDSON,S.....	0-215-1F
RAMIREZ,JA.....	0-248-2	REESE,LC.....	0-176-4	RICHARDS,SH.....	0-292-6F
RAMIREZ,JA.....	0-248-3	REESE,LC.....	0-176-5F	RIESLAND,DR.....	0-1161-2
RAMIREZ,JA.....	0-248-4F	REESE,LC.....	0-244	RIGGINS,M.....	0-284-5
RAMIREZ-BELTRAN,N.....	0-392-1F	REESE,LC.....	0-244-1	RIGGINS,M.....	0-285-5F
RAND,D.....	0-187	REESE,LC.....	0-244-2F	RINCON-VALDEZ,R.....	0-287-1
RANFT,SE.....	0-339-12	REESE,LC.....	0-255	RINGER,LJ.....	0-167-7
RANFT,SE.....	0-339-13	REESE,LC.....	0-255-1F	RIUX,TW.....	0-184-1
RANFT,SE.....	0-339-15F	REESE,LC.....	0-308	RIUX,TW.....	0-184-2
RANFT,SF.....	0-339-11	REESE,LC.....	0-308-1F	RIUX,TW.....	0-184-3
RAO.....	0-92-4	REESE,LC.....	0-351-1F	RIOX,T.....	0-1308
RAO.....	0-92-5F	REESE,LC.....	0-415-2F	RITCH,G.....	7-945
RASK,.....	SS 26.00	REEVES,GN.....	0-33-7A	RITCH,GP.....	0-139-12
RASKA,JG.....	0-222-1	REHMET,JD.....	0-125-3	RITCH,GP.....	0-165-2
RASKA,JG.....	0-222-2F	REILLEY,K.....	0-457-2	RITCH,GP.....	0-165-7
RASKA,JG.....	0-270	REZANSOFF,T.....	0-154-2	RITCH,GP.....	0-165-13
RASKA,JG.....	0-270-1	RHODES,L.....	T2-3.2	RITCH,GP.....	0-165-17
RASKA,JG.....	0-273-1F	RHODES,NF.....	0-284-1	RITCH,GP.....	0-173-3F
RASKA,JG.....	0-273-1F	RICCI,E.....	0-400-1F	RITCH,GP.....	0-202-1
RASKA,JG.....	0-276	RICCI,EA.....	0-387-3F	RITCH,GP.....	0-210-1
RASKA,JG.....	0-276-1F	RICE,GE.....	SS 16.01	RITCH,GP.....	0-210-3
RASKA,JG.....	9-511	RICE CENTER.....	7-1075-1	RITCH,GP.....	0-210-5
RASKA,JG.....	9-537	RICE CENTER.....	7-1075-2	RITCH,GP.....	0-210-6
RASKA,JG.....	9-537-1F	RICE CENTER.....	7-1075-3F	RITCH,GP.....	0-210-8
RASKA,JG.....	9-560-1	RICHARDS,HA.....	0-66-1	RITCH,GP.....	0-210-9
RATCLIFF,R.....	9-525	RICHARDS,HA.....	0-66-2F	RITCH,GP.....	0-290-2
RATCLIFF,R.....	9-525-1F	RICHARDS,HA.....	0-111	RITCH,GP.....	0-421-2
RATCLIFF,R.....	9-525-1F	RICHARDS,HA.....	0-111-1	RITCH,GP.....	0-421-3F
RATCLIFF,WR.....	0-15-1	RICHARDS,HA.....	0-111-2	RITCHIE,DL.....	0-1207-1F
RATCLIFF,WR.....	0-238-1F	RICHARDS,SH.....	0-228-1	RIVRO-VALLEJO,F.....	0-177-1
RATCLIFF,WR.....	9-525-1F	RICHARDS,SH.....	0-228-2	RIX,GJ.....	0-1123-5
RATHBONE,D.....	0-205-3	RICHARDS,SH.....	0-228-3	ROBERTS,FL.....	0-73-2
REA,CR.....	9-535-1F	RICHARDS,SH.....	0-228-6	ROBERTS,FL.....	0-73-3
REAGAN,JD.....	9-515	RICHARDS,SH.....	0-228-7	ROBERTS,FL.....	0-73-5F
READNOVER,CH.....	EP605-02	RICHARDS,SH.....	0-228-8	ROBERTS,FL.....	0-183-13
REED,WS.....	0-302	RICHARDS,SH.....	0-228-9	ROBERTS,FL.....	0-231-INT.
REED,WS.....	0-302-1F	RICHARDS,SH.....	0-228-10F	ROBERTS,FL.....	0-252-1
REESE,CJ.....	RP-16(09)	RICHARDS,SH.....	0-263	ROBERTS,FL.....	0-253-3
REESE,LC.....	0-89	RICHARDS,SH.....	0-263-1	ROBERTS,FL.....	0-253-4

- INDEX OF RESEARCHERS & AUTHORS -

ROBERTS, FL	0-253-5	ROSE, G	0-1130-1	ROWAN, NJ	0-19
ROBERTS, FL	0-313-1	ROSE, JG	0-138-2	ROWAN, NJ	0-19-1
ROBERTS, FL	0-313-2F	ROSE, JG	0-138-3	ROWAN, NJ	0-19-3
ROBERTS, FL	0-317-1	ROSE, JG	0-138-5	ROWAN, NJ	0-19-4F
ROBERTS, FL	0-318-1F	ROSE, JG	0-138-6	ROWAN, NJ	0-30
ROBERTS, FL	0-345-2F	ROSENBLUM, S	7-1053-1F	ROWAN, NJ	0-30-2
ROBERTS, FL	0-372-1F	ROSS, HE	0-75-11	ROWAN, NJ	0-30-3F
ROBERTS, FL	0-476-1	ROSS, HE	0-140	ROWAN, NJ	0-68
ROCK, BA	0-442-2	ROSS, HE	0-140-1	ROWAN, NJ	0-68-1
RODDEN, JB	0-283-1	ROSS, HE	0-140-3	ROWAN, NJ	0-68-2
RODRIGUEZ-GOMEZ, J	7-1920-1	ROSS, HE	0-140-4	ROWAN, NJ	0-68-3
RODRIGUEZ-GOMEZ, J	7-1920-1	ROSS, HE	0-140-4	ROWAN, NJ	0-68-4F
RODRIGUEZ, M	0-183-8	ROSS, HE	0-140-5	ROWAN, NJ	0-75
RODRIGUEZ, MA	0-1134-1F	ROSS, HE	0-140-6	ROWAN, NJ	0-75-2
RODRIGUEZ, R	EP609-01	ROSS, HE	0-140-7	ROWAN, NJ	0-75-3
ROECKER, JD	0-353-1	ROSS, HE	0-140-8	ROWAN, NJ	0-75-4
ROECKER, JO	0-353-2	ROSS, HE	0-140-9	ROWAN, NJ	0-75-5
ROESSET, JM	0-254-2F	ROSS, HE	0-140-10F	ROWAN, NJ	0-75-6
ROESSET, JM	0-437	ROSS, HE	0-225-1	ROWAN, NJ	0-75-7
ROESSET, JM	0-437-1	ROSS, HE	0-262	ROWAN, NJ	0-75-8
ROESSET, JM	0-437-3F	ROSS, HE	0-262-1	ROWAN, NJ	0-75-12
ROESSET, JM	0-1123	ROSS, HE	0-262-2	ROWAN, NJ	0-75-13F
ROESSET, JM	0-1123-5	ROSS, HE	0-262-3	ROWAN, NJ	0-111
ROESSET, JM	0-1123-6	ROSS, HE	0-262-5	ROWAN, NJ	0-111-3F
ROESSET, JM	0-1129	ROSS, HE	0-262-6F	ROWAN, NJ	0-137
ROESSET, JM	0-1129-1	ROSS, HE	0-264	ROWAN, NJ	0-137-2F
ROESSET, JM	0-1129-2F	ROSS, HE	0-264-1F	ROWAN, NJ	0-146-5
ROESSET, JM	0-1175	ROSS, HE	0-280	ROWAN, NJ	0-299-1
ROESSET, JM	0-1243	ROSS, HE	0-280-1	ROWAN, NJ	0-299-3
ROGERS, LE	0-436-2F	ROSS, HE	0-280-2F	ROWAN, NJ	RP-17(04)
ROGERS, RO	0-265-2F	ROSS, HE	0-296	ROZENDAL, D	9-575-1
ROHDE, GT	0-455-2	ROSS, HE	0-296-1F	ROZENDAL, D	7-1920
ROHDE, GT	0-1123-3	ROSS, HE	0-343-1	RUSER, JR	0-56-14
ROLLINS, J	0-225-8	ROSS, HE	0-343-2	RUSSELL, B	0-1210-1
ROLLINS, J	0-396	ROSS, HE	0-346	RUSSELL, B	0-1210-2
ROLLINS, JB	0-225-22	ROSS, HE	0-346-1F	RUSSELL, BD	0-374-1F
ROLLINS, JØ	0-396-1	ROSS, HE	0-370	RUSSELL, BR	SS 15.13
ROLLINS, JB	0-412-1F	ROSS, HE	0-370-1F	RUSSELL, D	0-374
ROLLINS, JM	0-1114-1F	ROSS, HE	0-404-1F	RUTLAND, RC	SS 05.04
ROLLINS, JR	0-1114	ROSS, HE	0-404-1F	RYMER, B	0-339-10
ROMERE, P	0-1179-1	ROSS, HE	0-407-1F	RYMER, B	7-956
ROOP, S	0-1248-1	ROSS, HE	0-453	RYMER, B	0-1107-3
ROOP, S	0-1283	ROSS, HE	0-453-1F	RYMER, BC	0-1105-1F
ROOTS JR, EM	RP-21(01)	ROSS, HE	0-461	SALANI, H	0-56-8
ROSCHKE, P	0-1182	ROSS, HE	0-461-1F	SALLEH, R	0-1130-1
ROSCHKE, P	0-1183	ROSS, HE	0-1122	SALLEH, R	7-1915-1F
ROSCHKE, P	0-1183-2	ROSS, HE	0-1147	SAMSON, CH	0-33-9
ROSCHKE, PN	0-407-1F	ROSS, HE	0-1147-1F	SAMSON, CH	0-33-13F
ROSCHKE, PN	0-1182-1	ROSS, HE	0-1219	SAMSON, CH	0-68
ROSCHKE, PN	0-1183-1	ROSS, HE	0-1263	SAMSON, CH	0-68-1
ROSCHKE, PN	0-1183-3	ROSS, HE	EP627-01	SAMSON, CH	RP-25(01)
ROSCHKE, PN	0-1183-4	ROSS, MS	0-1125-1F	SAMSON, CH	RP-25(02)
ROSCHKE, PN	0-1183-5F	ROSSON, BT	0-345-1	SAMSON, CH	RP-25(03)
ROSCHKE, PN	0-1240	ROWAN, NJ	0-8-2	SANDERS, WM	0-361-1F
ROSCHKE, PN	0-1240-1	ROWAN, NJ	0-8-3F	SANDERS, WM	0-443-1F

- INDEX OF RESEARCHERS & AUTHORS -

SANDSTEDT, CE.....	0-81-7	SCHAFFER, DL.....	0-148-2	SCRIVNER, FH.....	0-123-6
SANTERRE, GL.....	0-24-16	SCHAFFER, DL.....	0-148-6	SCRIVNER, FH.....	0-123-17
SANTHA, BL.....	0-473-3F	SCHAFFER, OL.....	0-159-1	SCRIVNER, FH.....	0-123-22
SANTHA, BL.....	0-473-3f	SCHAFFER, DL.....	0-159-2	SCRIVNER, FH.....	0-123-25
SARAF, CL.....	0-307-4F	SCHAFFER, DL.....	0-159-3F	SCRIVNER, FH.....	0-123-6A
SARAF, CL.....	0-386-1	SCHARFE, CW.....	0-442-3	SCRIVNER, FH.....	0-127-3
SARAF, CL.....	0-386-2F	SCHARFE, CW.....	0-442-5F	SCRIVNER, FH.....	0-130
SARAF, CL.....	0-388-2	SCHEROCHAN, JA.....	0-440-1F	SCRIVNER, FH.....	0-136
SARAF, CL.....	0-388-3	SCHEROCHAN, JA.....	0-1134-1F	SCRIVNER, FH.....	0-136-1
SARAF, CL.....	0-388-5F	SCHILLER, RE.....	0-138-5	SCRIVNER, FH.....	0-136-6F
SARAF, CL.....	0-430-1F	SCHILLER, RE.....	0-138-6	SCRIVNER, FH.....	RP-05(02)
SARAF, CL.....	0-472-2	SCHINDLER, FA.....	9-538-1	SCULLION, T.....	0-187
SARAF, CL.....	0-1190	SCHLEIDER, RH.....	RP-09(01)	SCULLION, T.....	0-239-6F
SARVER, WG.....	0-211-1	SCHMIDLY, D.....	0-197	SCULLION, T.....	0-299-2
SATHAYE, S.....	0-239-3	SCHMIDLY, DJ.....	0-197-1F	SCULLION, T.....	0-299-3
SATO, R.....	7-1072-1F	SCHNITTER, O.....	0-177-13	SCULLION, T.....	0-299-6F
SAUNDERS, J.....	0-231-2F	SCHOEN, WA.....	0-41-2F	SCULLION, T.....	0-409-1
SAUNDERS, J.....	0-348-1F	SCHRANK, D.....	7-996-1F	SCULLION, T.....	0-409-2
SAUNDERS, J.....	7-1078-1F	SCHRANK, D.....	7-1990	SCULLION, T.....	0-409-3F
SAVUR, VS.....	0-184-2	SCHROEDER, EE.....	0-85	SCULLION, T.....	0-414-1F
SAVUR, VS.....	0-184-3	SCHROEDER, EE.....	0-85-8	SCULLION, T.....	0-456
SAVUR, VS.....	0-184-4F	SCHROEDER, EE.....	0-85-9	SCULLION, T.....	7-930
SAYLAK, D.....	9-512-1	SCHROEDER, EE.....	0-85-10F	SCULLION, T.....	7-930-1
SAYLAK, D.....	9-512-2	SCHROEDER, EE.....	0-85-10F	SCULLION, T.....	7-930-2
SAYLAK, D.....	9-512-3	SCHROEDER, EE.....	0-85-10F	SCULLION, T.....	7-930-3
SAYLAK, D.....	9-512-4	SCHROEDER, EE.....	0-88	SCULLION, T.....	7-930-4
SAYLAK, D.....	9-512-5	SCHROEDER, JH.....	0-283-3F	SCULLION, T.....	7-930-5
SAYLAK, D.....	9-512-6	SCHUCHMAN, JS.....	0-494-1F	SCULLION, T.....	7-930-5F
SAYLAK, D.....	9-512-7	SCHULZ, LE.....	SS 15.13	SCULLION, T.....	7-961
SAYLAK, D.....	9-512-9	SCHULZE, LW.....	0-236-1	SCULLION, T.....	7-994
SAYLAK, D.....	9-512-12	SCHUMAN, DC.....	0-450-2	SCULLION, T.....	7-997
SAYLAK, D.....	9-519	SCHWARTZ, KL.....	0-331-1	SCULLION, T.....	0-1115
SAYLAK, D.....	9-519-1	SCHWARTZ, R.....	7-1085-1F	SCULLION, T.....	0-1115-1F
SAYLAK, D.....	9-519-2	SCHWEIZER, RJ.....	0-161-2F	SCULLION, T.....	0-1123
SAYLAK, D.....	9-519-3	SCOTT, WW.....	0-90-2F	SCULLION, T.....	0-1123-1
SAYLAK, D.....	9-519-4	SCOTT, WW.....	0-110-1F	SCULLION, T.....	0-1123-2
SAYLAK, D.....	9-519-5	SCOTT, WW.....	0-138-6	SCULLION, T.....	0-1123-3
SAYLAK, D.....	9-519-6	SCOTT, WW.....	0-151-3	SCULLION, T.....	0-1123-4F
SAYLAK, D.....	9-519-7F	SCOTT, WW.....	0-199-1F	SCULLION, T.....	0-1159
SAYLAK, D.....	9-536-4	SCRIVNER, FH.....	0-27	SCULLION, T.....	0-1184
SAYLAK, D.....	9-536-5	SCRIVNER, FH.....	0-27-2	SCULLION, T.....	7-1918
SAYLAK, D.....	9-536-6	SCRIVNER, FH.....	0-32	SCULLION, T.....	7-1923
SAYLAK, D.....	9-536-7	SCRIVNER, FH.....	0-32-1	SCULLION, T.....	7-1939
SAYLAK, D.....	9-536-8	SCRIVNER, FH.....	0-32-2	SCULLION, T.....	7-1956
SAYLAK, D.....	9-536-9	SCRIVNER, FH.....	0-32-4	SCULLION, t.....	0-456-1F
SAYLAK, D.....	9-536-10	SCRIVNER, FH.....	0-32-7	SEAY, JW.....	0-90-2F
SAYLAK, D.....	9-536-11	SCRIVNER, FH.....	0-32-8	SEEDS, SB.....	0-249-2
SAYLAK, D.....	7-916-1F	SCRIVNER, FH.....	0-32-9	SEILER, J.....	0-1143
SAYLAK, D.....	0-1157-1F	SCRIVNER, FH.....	0-32-11	SEILER, J.....	0-1230
SAYLAK, D.....	0-1176	SCRIVNER, FH.....	0-32-12	SEILER, J.....	DHT-07
SAYLAK, D.....	0-1176-1F	SCRIVNER, FH.....	0-32-13	SEILER, J.....	DHT-08
SCHAFFER, DL.....	0-123-11	SCRIVNER, FH.....	0-81-5	SEILER, J.....	DHT-09
SCHAFFER, DL.....	0-131-1	SCRIVNER, FH.....	0-99-5F	SEILER, J.....	DHT-10
SCHAFFER, DL.....	0-131-2F	SCRIVNER, FH.....	0-122	SEILER, J.....	DHT-13
SCHAFFER, DL.....	0-131-INT.	SCRIVNER, FH.....	0-123-1	SEILER, J.....	DHT-20



- INDEX OF RESEARCHERS & AUTHORS -

SEILER, J.....	DHT-25	SMITH, EK.....	0-191-2F	STEITL, DC.....	0-123-9
SENGUPTA, S.....	0-158-1F	SMITH, G.....	0-311-4	STELZER, CF.....	0-56-9
SENNOUR, ML.....	0-481-6	SMITH, HL.....	0-105-4	STEPHENSON, HK.....	RP-07(03)
SEQUEIRA, LJ.....	0-1176-1F	SMITH, HL.....	0-105-5F	STEPHENSON, HK.....	RP-07(04)
SEWELL, TF.....	0-39-2	SMITH, JA.....	9-582-582	STEPHENSON, HK.....	RP-07(05)
SHAHIN, MY.....	0-123-14	SMITH, L.....	0-275	STEVENS, JB.....	0-118-9F
SHANKAR, PR.....	0-310-1F	SMITH, L.....	9-500	STEVES, MA.....	0-382-1
SHANMUGHAM, CV.....	0-239-1	SMITH, L.....	9-554	STEVES, MA.....	0-382-2F
SHANMUGHAM, CV.....	0-239-2	SMITH, L.....	0-1311	STEWART, WP.....	0-1299
SHANMUGHAM, CV.....	0-239-3	SMITH, R.....	0-473	STEWART, WP.....	0-1299-1F
SHANMUGHAM, U.....	0-284-4	SMITH, R.....	0-1159	STOCKER, AJ.....	0-147-1
SHAO,.....	0-437-1	SMITH, R.....	0-1289	STOCKER, AJ.....	0-147-2
SHAW, CW.....	0-151-3	SMITH, RA.....	0-214-11	STOCKER, AJ.....	0-147-3F
SHD OF ARKANSAS,.....	9-532-1F	SMITH, RD.....	0-435-2F	STOCKER, AJ.....	0-147-PROG.
SHELBY, MD.....	0-39-4F	SMITH, RE.....	0-455-2	STOCKER, J.....	0-147
SHELBY, MD.....	0-51-INT.	SMITH, RE.....	0-1123	STOCKS, RW.....	0-1129-1
SHELBY, MD.....	NY 62-1	SMITH, RL.....	0-60	STOCKTON, W.....	0-288
SHEU, JC.....	0-437-3F	SMITH, RP.....	0-123-19	STOCKTON, WR.....	0-200-1F
SHIH, CS.....	0-123-17	SMITH, SM.....	0-423-1F	STOCKTON, WR.....	0-205-14
SHIH, CS.....	0-123-22	SMITH, T.....	0-340-3	STOCKTON, WR.....	0-210-11
SHULER, S.....	0-287-2	SMITH III, RJ.....	0-95-1F	STOCKTON, WR.....	0-210-12F
SHULER, S.....	0-347-1	SMOOT, CW.....	0-214-15	STOCKTON, WR.....	0-214-10
SHULER, TS.....	0-347	SNYDER, JF.....	DHT-01	STOCKTON, WR.....	0-288-1
SHUNK, G.....	0-1235	SOBANJO, J.....	0-1212	STOCKTON, WR.....	0-376
SHYAM, V.....	0-1169-1169-2	SOBANJO, J.....	0-1212-1F	STOCKTON, WR.....	0-423-1F
SICKING, DL.....	0-262-1	SOEGAARD, JA.....	7-1056-1	STOKES, RM.....	0-1103
SICKING, DL.....	0-262-3	SOEGAARD, JA.....	7-1056-2F	STOKES, RW.....	0-205-16
SICKING, DL.....	0-262-6F	SOEGAARD, JA.....	7-1061-1F	STOKES, RW.....	0-338-1F
SICKING, DL.....	0-280-1	SOLAIMANIAN, M.....	0-468-2	STOKES, RW.....	0-339-13
SICKING, DL.....	0-280-2F	SOLAIMANIAN, M.....	0-468-3	STOKES, RW.....	0-339-14
SICKING, DL.....	0-296-1F	SOLAIMANIAN, M.....	0-468-1	STOKES, RW.....	0-393-2
SICKING, DL.....	0-346-1F	SOLANKI, AI.....	0-457-4	STOKES, RW.....	0-410-7F
SICKING, DL.....	0-404-1F	SOLIMANIAN, M.....	0-468-4F	STOKES, RW.....	0-425-1
SICKING, DL.....	0-453	SOOI, TK.....	0-383-2F	STOKES, RW.....	0-425-2F
SICKING, DL.....	0-453-1F	SOULEYRETTE, RR.....	0-413-1F	STOKES, RW.....	0-484-5
SICKING, DL.....	0-461-1F	STAHA, JL.....	0-124-1F	STOKES, RW.....	0-489
SICKING, DL.....	0-1147	STAMM, EM.....	0-1149-2	STOKES, RW.....	0-489-1
SICKING, DL.....	0-1147-1F	STAMPLEY, BE.....	0-299-2	STOKES, RW.....	0-489-2F
SICKING, DL.....	EP627-01	STAMPLEY, BE.....	0-299-3	STOKES, RW.....	7-1086
SIDDIQI, QS.....	0-56-16	STAMPLEY, BE.....	0-299-4	STOKES, RW.....	7-1086-1
SIEGFRIED, RH.....	7-1928	STAMPLEY, BE.....	0-299-5	STOKES, RW.....	7-1086-2
SIMMONS, K.....	0-420-1	STAMPLEY, BE.....	0-299-6F	STOKES, RW.....	7-1086-3
SIMONS-MORTON, B.....	7-1907	STARK, LE.....	0-32-5	STOKES, RW.....	7-1086-4
SINNO, R.....	0-69-2	STAUFFER, PA.....	0-353-3F	STOKES, RW.....	7-1086-5
SINNO, R.....	0-69-3F	STEALEY, S.....	0-330-1F	STOKES, RW.....	7-1086-6
SINNO, R.....	0-130-1	STEGMAN, JR.....	0-1155-1F	STOKES, RW.....	7-1086-7
SLACK, RD.....	0-1226-1F	STEIN, A.....	0-409-1	STOKES, RW.....	7-1086-8F
SLACK, RD.....	0-1226-1-F	STEINBERG, ML.....	0-118-6	STOKES, RW.....	0-1103-2F
SLATER, JM.....	RP-02(02)	STEINBERG, ML.....	0-118-8	STOKES, RW.....	0-1186
SMART, WH.....	0-305-1F	STEINBERG, ML.....	0-187-9	STOKES, RW.....	0-1186-1
SMITH,.....	DHT-24	STEINBERG, ML.....	0-187-12	STOKES, RW.....	0-1186-2
SMITH, AW.....	0-214-6	STEINBERG, ML.....	0-224	STOKES, RW.....	0-1186-2
SMITH, CC.....	0-302	STEINBERG, ML.....	DHT-18	STOKES, RW.....	0-1186-3
SMITH, DR.....	0-409-2	STEINBERG, ML.....	SS 10.01	STOKES, RW.....	0-1196-1
SMITH, DR.....	7-900	STEINBERG, ML.....	SS 10.03	STOKES, RW.....	0-1225-1

- INDEX OF RESEARCHERS & AUTHORS -

STOKES,RW.....	0-1225-2F	STOVER,VG.....	0-167	SWIFT,G.....	0-136-3
STOKES,RW.....	0-1228-1	STOVER,VG.....	0-167-1	SWIFT,G.....	0-136-4
STOKES,RW.....	0-1228-2F	STOVER,VG.....	0-167-2	SWIFT,G.....	0-162
STOKES,RW.....	0-2001	STOVER,VG.....	0-167-3	SWIFT,G.....	0-162-1F
STOKES,RW.....	7-2001	STOVER,VG.....	0-167-4	SWILLEY,HD.....	9-503-1F
STOKES,RW.....	0-2001-1F	STOVER,VG.....	0-167-5	TABBARAH,A.....	0-363-1
STOKES,RW.....	7-2001-1F	STOVER,VG.....	0-167-6	TAHMASSEBI,B.....	0-464-1F
STOKES,RW.....	0-2004	STOVER,VG.....	0-167-7	TAHMORESSI,M.....	0-252-2
STOKES,RW.....	7-2004-1F	STOVER,VG.....	0-167-8	TAHMORESSI,M.....	0-252-3
STOKES,RW.....	0-2007	STOVER,VG.....	0-167-9F	TAHMORESSI,M.....	0-317-2F
STOKES,RW.....	7-2007	STOVER,VG.....	0-402-1	TAHMORESSI,M.....	0-358-2F
STOKES,RW.....	7-2007-1F	STOVER,VG.....	0-402-2	TAHMORESSI,M.....	0-366-1F
STOKOE,KH.....	0-256	STOVER,VG.....	0-402-3F	TAHMORESSI,M.....	0-440-1F
STOKOE,KH.....	0-256-1	STOVER,VG.....	0-454-1F	TAHMORESSI,M.....	0-1197-1F
STOKOE,KH.....	0-256-2	STOVER,VG.....	0-1110-1	TAHMORESSI,M.....	0-1197-1F
STOKOE,KH.....	0-256-4	STOVER,VG.....	0-1110-2	TALLANT,J.....	9-535-1F
STOKOE,KH.....	0-256-5	STOVER,VG.....	0-1110-3	TAN,CH.....	0-1125-1F
STOKOE,KH.....	0-257	STOVER,VG.....	0-1110-3F	TANDON,V.....	7-913-1F
STOKOE,KH.....	0-257-1F	STOVER,VG.....	0-1112-1F	TANDON,V.....	7-913-7-913
STOKOE,KH.....	0-355-1	STOVER,VG.....	0-1153-1	TANDON,V.....	7-913-7-913
STOKOE,KH.....	0-355-2F	STOVER,VG.....	0-1153-2	TANDON,V.....	7-913-7-913
STOKOE,KH.....	0-368	STOVER,VG.....	0-1237	TANDON,V.....	7-913-7-913
STOKOE,KH.....	0-368-1F	STRAUB,N.....	0-397-1	TANG,T.....	0-1254
STOKOE,KH.....	0-387	STRAUB,N.....	0-397-3	TANG,T.....	0-1385
STOKOE,KH.....	0-387-1	STRAUGHAN,WT.....	0-442-1	TANKERSLEY,DF.....	0-56-12
STOKOE,KH.....	0-387-3F	STRAUGHAN,WT.....	0-442-1	TARGUIN,A.....	9-575-1
STOKOE,KH.....	0-437	STRAUSS,PJ.....	0-21-1F	TASCIONE,T.....	0-439-3
STOKOE,KH.....	0-437-1	STRAUSS,PJ.....	0-177-7	TAUR,CK.....	0-314-1
STOKOE,KH.....	0-437-3F	STRAUSS,PJ.....	0-177-10	TAUR,CK.....	0-314-2F
STOKOE,KH.....	0-1123	STROM,OG.....	0-123-12	TAUTE,A.....	0-177-19
STOKOE,KH.....	0-1123-5	STRONG,J.....	0-272	TAUTE,A.....	0-249-1
STOKOE,KH.....	0-1123-6	STRONG,JW.....	EP618-01	TAYLOR,AW.....	0-1180-1F
STOKOE,KH.....	0-1123-7F	STUART,M.....	0-262-4	TAYLOR,ST.....	0-1232-4
STOKOE,KH.....	0-1175	STUART,M.....	0-330-1F	TAYLOR,TP.....	0-56-4
STOKOE,KH.....	0-1177	STUBBENDIECK,JL.....	0-142-1	TAYLOR,TP.....	0-56-10
STOKOE,KH.....	0-1243	STUBBENDIECK,JL.....	0-142-3	TEA,.....	SS 26.00
STOLLEIS,RW.....	0-201-1F	STUBBENDIECK,JL.....	0-142-4F	TEAGUE,DJ.....	0-240-1
STONE,WC.....	0-208-1	STUCKHART,G.....	0-1212-1	TEAGUE,DJ.....	0-240-2
STONE,WC.....	0-208-2	STUCKHART,G.....	0-1212-1F	TEEL,B.....	SS 11.08
STONE,WC.....	0-208-3F	STUKHARD,G.....	0-1259	TEEL,B.....	SS 11.10
STOVER,VG.....	0-17	STUKHART,G.....	0-1212	TEETES,GR.....	7-1902-1F
STOVER,VG.....	0-17-1	SUCHICKI,EJ.....	0-219-1F	TEINERT,WC.....	0-43
STOVER,VG.....	0-17-2	SUH,YC.....	0-457-5F	TEINERT,WC.....	0-43-1F
STOVER,VG.....	0-17-3F	SUN,MY.....	0-1183-4	TELISAK,T.....	0-1198-1F
STOVER,VG.....	0-30-2	SUTARIA,TC.....	0-123-PROG.	TEMPLE,M.....	0-311-5
STOVER,VG.....	0-60	SWAN,CW.....	0-415-1	TEMPLE,M.....	0-311-7F
STOVER,VG.....	0-60-6	SWENSON,KD.....	0-306-2F	TEMPLETON,CJ.....	0-239-5
STOVER,VG.....	0-60-7	SWIFT,G.....	0-12-1	TENA-COLUNGA,J.....	9-556-2
STOVER,VG.....	0-60-8	SWIFT,G.....	0-32-10	TENA-COLUNGA,J.....	9-556-1
STOVER,VG.....	0-60-9	SWIFT,G.....	0-99-4	TENA-COLUNGA,J.....	9-556-4F
STOVER,VG.....	0-60-11	SWIFT,G.....	0-130-4	TENA-COLUNGA,JA.....	9-556-3
STOVER,VG.....	0-60-14F	SWIFT,G.....	0-130-7	TENAH,K.....	7-952
STOVER,VG.....	0-119	SWIFT,G.....	0-130-10	TENAH,K.....	0-1100-1F
STOVER,VG.....	0-119-1	SWIFT,G.....	0-130-11F	TENIENTE,MF.....	0-17-3F
STOVER,VG.....	0-119-3F	SWIFT,G.....	0-136-2	TEO,KJ.....	7-920-3

- INDEX OF RESEARCHERS & AUTHORS -

THEPCHATRI, T.....	0-23-1	TORRES-VERDIN, V.....	0-388-2	TUCKER, RL.....	0-246-2
THEPCHATRI, T.....	0-155-1F	TORRES-VERDIN, V.....	0-388-3	TULLOCH, WS.....	0-98-5
THOMPSON, JN.....	0-55	TORSHIZI, H.....	7-960-1F	TURNBULL, KF.....	7-925-1
THOMPSON, JN.....	0-55-1	TOSSOULAS, JL.....	0-1304	TURNBULL, KF.....	7-925-2
THOMPSON, JN.....	0-55-2	TOTH, VN.....	9-514-1F	TURNBULL, KF.....	7-925-3
THOMPSON, JN.....	0-55-3F	TOUSSAINT, AR.....	0-1218-1F	TURNBULL, KF.....	7-996
THOMPSON, MA.....	0-154-1	TRAMMELL, JT.....	9-530-1	TURNBULL, KF.....	7-1990
THOMPSON, MF.....	0-453-1F	TRAMMELL, JT.....	9-530-2F	TURNBULL, KF.....	7-1990-1
THURMAN, GW.....	0-207-1	TRAXLER, RN.....	0-9	TURNBULL, KF.....	7-2007
TIDWELL, DR.....	0-68-1	TRAXLER, RN.....	0-9-1	TURNER, DS.....	0-265-2F
TIELKING, JT.....	0-372-1F	TRAXLER, RN.....	0-9-2	TURNER, JM.....	0-178-2F
TIELKING, JT.....	0-477	TRAXLER, RN.....	0-9-3	TURNHAM, N.....	EP629-02
TIELKING, JT.....	0-477-1F	TRAXLER, RN.....	0-9-4	TURNHAM, N.....	SS 24.01
TIKALSKY, PJ.....	0-364-1	TRAXLER, RN.....	0-9-5	TURPIN, RD.....	0-79
TIKALSKY, PJ.....	0-364-2	TRAXLER, RN.....	0-9-6	TURPIN, RD.....	0-79-1F
TIKALSKY, PJ.....	0-364-3	TRAXLER, RN.....	0-9-7	TURPIN, RD.....	0-93
TIKALSKY, PJ.....	0-364-4F	TRAXLER, RN.....	0-9-8	TURPIN, RD.....	0-93-1F
TIKALSKY, PJ.....	0-481-1	TRAXLER, RN.....	0-9-9	TURPIN, RD.....	0-120
TIKALSKY, PJ.....	0-481-5	TRAXLER, RN.....	0-9-10	TURPIN, RD.....	0-120-1F
TIMM, RJ.....	0-1232-2	TRAXLER, RN.....	0-9-11	TUTT, PR.....	0-133
TIPTON, WE.....	0-59-4F	TRAXLER, RN.....	0-9-12	TUTT, PR.....	0-133-3F
TIPTON, WE.....	0-65-1F	TRAXLER, RN.....	0-9-13	TUTT, PR.....	NY 62-3
TITUS, CW.....	9-523-4F	TRAXLER, RN.....	0-9-14	TUTT, PR.....	SS 05.00
TOBIAS, S.....	0-241-4	TRAXLER, RN.....	0-9-15	TUTT, PR.....	SS 12.01
TODD, JF.....	NY 63-2	TRAXLER, RN.....	0-9-16F	TUTT, PR.....	SS 12.02
TOMASINI, RL.....	0-234-1F	TRAXLER, RN.....	0-9-prog	TYER, KD.....	0-1108-3
TOMITA, H.....	0-138-1	TRAXLER, RN.....	0-127	TYER, KD.....	0-1145-1F
TOMITA, H.....	0-138-4	TRAXLER, RN.....	0-127-1	TYLER, R.....	9-568-568-1F
TOPRAC, A.....	0-145	TRAXLER, RN.....	0-127-3	TYLER, RL.....	0-192-3
TOPRAC, AA.....	0-76-1F	TRAXLER, RN.....	0-175-1	TYLER, RL.....	9-508-1
TOPRAC, AA.....	0-77-1	TREYBIG, HJ.....	0-46-2	TYLER, RL.....	9-544-1
TOPRAC, AA.....	0-77-2F	TREYBIG, HJ.....	0-46-4	TYLER, RL.....	9-550-1
TOPRAC, AA.....	0-96	TREYBIG, HJ.....	0-46-5	TYLER, RL.....	9-561
TOPRAC, AA.....	0-96-1	TREYBIG, HJ.....	0-46-7	TYLER, RL.....	9-568
TOPRAC, AA.....	0-96-2	TREYBIG, HJ.....	0-46-8F	TYLER, RL.....	SS 20.00
TOPRAC, AA.....	0-96-3	TREYBIG, HJ.....	0-56-26	UDDIN, W.....	0-256-5
TOPRAC, AA.....	0-96-4	TREYBIG, HJ.....	0-56-27	UDDIN, W.....	0-256-6F
TOPRAC, AA.....	0-96-5F	TREYBIG, HJ.....	0-128-1F	UDDIN, W.....	0-387-1
TOPRAC, AA.....	0-97	TREYBIG, HJ.....	9-502	UDDIN, W.....	0-387-2
TOPRAC, AA.....	0-97-1F	TREYBIG, HJ.....	SS 03.00	UDENWA, GC.....	0-489-1
TOPRAC, AA.....	0-157	TREYBIG, HJ.....	SS 03.01	ULLMAN, GL.....	0-334-2F
TOPRAC, AA.....	0-157-1F	TREYBIG, HJ.....	SS 07.00	ULLMAN, GL.....	0-377-2F
TOPRAC, TT.....	0-76	TREYBIG, HJ.....	SS 13.01	ULLMAN, GL.....	0-406-1F
TOPRAC, TT.....	0-77	TREYBIG, HS.....	9-502-1F	ULLMAN, GL.....	0-408-1
TORRANS, PH.....	0-70-1	TRIETSCH, GK.....	SS 05.02	ULLMAN, GL.....	0-408-2
TORRANS, PH.....	0-103-1	TRIETSCH, GK.....	SS 15.11	ULLMAN, GL.....	7-943
TORRANS, PH.....	0-103-2	TROUT, ND.....	0-1231	ULLMAN, GL.....	0-1108-1
TORRANS, PH.....	0-103-3	TROUT, ND.....	0-1231-1	ULLMAN, GL.....	0-1108-2
TORRANS, PH.....	0-103-4F	TROUT, NH.....	7-957-1	ULLMAN, GL.....	0-1108-3
TORRES, F.....	0-249-3	TSENO, K.....	0-372-1F	ULLMAN, GL.....	0-1161
TORRES-VERDIN, V.....	0-249-4	TSUI, CK.....	0-350-3	ULLMAN, GL.....	0-1161-2
TORRES-VERDIN, V.....	0-249-7	TUCKER, A.....	7-1952	ULLMAN, GL.....	0-1161-4
TORRES-VERDIN, V.....	0-249-8F	TUCKER, L.....	0-340-3	ULLMAN, GL.....	0-1188-1
TORRES-VERDIN, V.....	0-256-6F	TUCKER, L.....	0-351-1F	ULLMAN, GL.....	0-1188-4F
TORRES-VERDIN, V.....	0-388-1	TUCKER, RL.....	0-246	ULLMAN, GL.....	0-1231

- INDEX OF RESEARCHERS & AUTHORS -

ULLMAN, GL.....	0-1231-1	URBANIK, T.....	7-1089-1	VILLARREAL, A.....	0-491-1F
ULLMAN, GL.....	0-1298	URBANIK, T.....	7-1092	VILLARREAL, A.....	7-974
UNAY, IO.....	0-1210-1	URBANIK, T.....	7-1092-1F	VILLARREAL, A.....	0-1109
UNDERBRINK, D.....	0-299-3	URBANIK, T.....	0-1105	VILLARREAL, A.....	0-1109-1F
UNDERWOOD, JP.....	0-50	URBANIK, T.....	0-1105-1F	VILLARREAL-CAVAZOS, A.....	0-332-1
UNDERWOOD, JP.....	0-126	URBANIK, T.....	0-1107	VINSON, DW.....	EP614-01
UNDERWOOD, JP.....	0-126-1	URBANIK, T.....	0-1107-3	VINSON, S.....	0-1135
UNDERWOOD, JP.....	0-126-2	URBANIK, T.....	0-1107-5F	VINSON, SB.....	0-1135-2F
UNDERWOOD, JP.....	0-126-3F	URBANIK, T.....	0-1125	VINSON, SD.....	0-1135-1
UNDERWOOD, JP.....	0-135-7F	URBANIK, T.....	0-1125-1F	VITELLO, D.....	0-496-1F
UNDERWOOD, JP.....	0-204	URBANIK, T.....	0-1128	VITELLO JR, OJ.....	0-426-1F
UNDERWOOD, JP.....	0-204-1F	URBANIK, T.....	0-1152	VLATAS, AJ.....	0-1235-1
UNDERWOOD, JP.....	0-271	URBANIK, T.....	0-1152-1F	VLIET, GC.....	0-442
UNDERWOOD, JP.....	0-434	URBANIK, T.....	0-1152-1-F	VLIET, GC.....	0-442-2
UNDERWOOD, JP.....	0-470	URBANIK, T.....	0-1196	VLIET, GC.....	0-442-4
UNDERWOOD, JP.....	9-508-1	URBANIK, T.....	0-1225	VLIET, GC.....	0-442-5F
UNDERWOOD, JP.....	9-510-1F	URBANIK, T.....	0-1225-1	VOORASKA, WC.....	0-124
UNDERWOOD, JP.....	9-510-1F	URBANIK, T.....	0-1225-2F	VODRAZAK, WC.....	0-124-1F
UNDERWOOD, JP.....	9-518	URBANIK, T.....	0-1231-1	VODRAZKA, WC.....	0-78-1F
UNDERWOOD, JP.....	9-518-1F	URBANIK, T.....	0-1232	VON TRESS, M.....	0-286-2
UNDERWOOD, JP.....	9-529	URBANIK, T.....	0-1232-1	VON TRESS, M.....	0-333-1F
UNDERWOOD, JP.....	9-531-1	URBANIK, T.....	0-1292	VON TRESS, M.....	7-1073-1F
UNDERWOOD, JP.....	9-531-2	URBANIK, T.....	7-1902	VON TRESS, M.....	7-1081-1F
UNDERWOOD, JP.....	9-531-2F	URBANIK, T.....	7-1927	VORA, MR.....	0-56-18
UNDERWOOD, JP.....	9-543-1	URBANIK, T.....	7-1935	VORA, MR.....	0-56-INT.
UNDERWOOD, JP.....	SS 11.05	URRUELA, R.....	0-345-2F	WAGLE, V.....	0-262-2
UNDERWOOD, JP.....	SS 11.06	UZAN, J.....	0-455-1	WAHIDI, SA.....	0-188-1
UNDERWOOD, JP.....	SS 11.40	UZAN, J.....	0-1123-1	WALKER, KC.....	0-264-1F
URBANIK, T.....	0-205-1	UZAN, J.....	0-1123-2	WALKER, LG.....	0-25-1F
URBANIK, T.....	0-205-5	UZAN, J.....	7-1939	WALKER, LG.....	0-62
URBANIK, T.....	0-327	VALLABHAN, CV.....	0-1205	WALKER, LG.....	0-72
URBANIK, T.....	0-327-2F	VALLABHAN, CV.....	0-1205-3	WALKER, LG.....	0-107
URBANIK, T.....	0-339-10	VALLEJO, J.....	0-183-7	WALKER, LG.....	0-171
URBANIK, T.....	0-376-1	VAN DER WALT, B.....	0-1246-2F	WALKER, LG.....	0-171-1
URBANIK, T.....	0-376-2F	VAN METZINGER, WA.....	0-1205-1	WALKER, LG.....	0-171-2
URBANIK, T.....	0-395	VAN METZINGER, WA.....	0-1205-4F	WALKER, LG.....	0-171-3F
URBANIK, T.....	0-395-1	VAN PELT, RS.....	0-81-5	WALKER, LG.....	0-186-1
URBANIK, T.....	0-395-2F	VAN REENAN, DA.....	0-125-6	WALKER, LG.....	0-214-2
URBANIK, T.....	7-962	VAN WINKLE, SN.....	0-5-4	WALKER, LT.....	0-479-1F
URBANIK, T.....	7-965-1F	VANICHVATANA, S.....	0-1169-1	WALKER, ME.....	0-301-1F
URBANIK, T.....	7-1056	VANSICKLE, RA.....	9-535-1F	WALKER, RS.....	0-73-2
URBANIK, T.....	7-1056-1	VEGA, D.....	9-562	WALKER, RS.....	0-73-4
URBANIK, T.....	7-1056-2F	VEGA, O.....	9-562-562-2F	WALKER, RS.....	0-73-5F
URBANIK, T.....	7-1061	VELASCO, MO.....	0-284-2	WALKER, RS.....	0-156-1
URBANIK, T.....	7-1061-1F	VIJAYVERGIYA, VN.....	0-89-5	WALKER, RS.....	0-156-2
URBANIK, T.....	7-1065	VIKTORIN, C.....	0-1191-1	WALKER, RS.....	0-279
URBANIK, T.....	7-1065-1	VIKTORIN, C.....	0-1191-2F	WALKER, RS.....	0-279-1
URBANIK, T.....	7-1065-2F	VILGOEN, AW.....	0-388-4	WALKER, RS.....	0-394
URBANIK, T.....	7-1069	VILLANUEVA, HR.....	0-481-4	WALKER, RS.....	0-394-1F
URBANIK, T.....	7-1069-1F	VILLARREAL, A.....	0-1104	WALKER, RS.....	0-479
URBANIK, T.....	7-1087-1	VILLARREAL, A.....	0-331-2	WALKER, RS.....	0-494
URBANIK, T.....	7-1087-2	VILLARREAL, A.....	0-332-2F	WALKER, RS.....	0-494-1F
URBANIK, T.....	7-1087-3	VILLARREAL, A.....	0-362-2F	WALKER, RS.....	9-569
URBANIK, T.....	7-1087-3F	VILLARREAL, A.....	0-390	WALKER, RS.....	9-569-1F
URBANIK, T.....	7-1089	VILLARREAL, A.....	0-491	WALKER, RS.....	9-579

- INDEX OF RESEARCHERS & AUTHORS -

WALKER,RS.....	9-579-1F	WALTON,CM.....	0-390	WASHINGTON,EJ.....	7-1086-6
WALKER,RS.....	7-981	WALTON,CM.....	0-413-1F	WASHINGTON,EJ.....	7-1086-8F
WALKER,RS.....	0-1141	WALTON,CM.....	0-447	WASHINGTON,EJ.....	0-1228
WALKER,RS.....	0-1141-1	WALTON,CM.....	0-447-1F	WASHINGTON,EJ.....	0-1228-1
WALKER,RS.....	0-1141-2F	WALTON,CM.....	7-957	WASHINGTON,EJ.....	0-1228-2F
WALKER,RS.....	0-1203	WALTON,CM.....	7-957-2F	WASHINGTON,EJ.....	0-2001
WALKER,RS.....	0-1203-1F	WALTON,CM.....	7-974	WASHINGTON,EJ.....	7-2001
WALKER,RS.....	0-1290	WALTON,CM.....	7-978	WASHINGTON,EJ.....	0-2001-1F
WALKER,RS.....	7-1921	WALTON,CM.....	7-983	WASHINGTON,EJ.....	7-2001-1F
WALKER,RW.....	7-963	WALTON,CM.....	7-1051-1F	WASHINGTON,EJ.....	7-2007-1F
WALKER,RW.....	7-1916	WALTON,CM.....	7-1058	WATT,WG.....	0-118-4
WALLIS,W.....	9-552	WALTON,CM.....	7-1058-1F	WATT,WG.....	0-118-6
WALLIS,WS.....	9-552-1F	WALTON,CM.....	7-1080	WATTLEWORTH,JA.....	0-24-8
WALTERS,CH.....	7-933	WALTON,CM.....	7-1080-1F	WATTLEWORTH,JA.....	0-24-13
WALTERS,CH.....	7-934	WALTON,CM.....	0-1247	WATTLEWORTH,JA.....	0-24-15
WALTERS,CH.....	7-984	WALTON,CM.....	0-1270	WATTLEWORTH,JA.....	0-24-19
WALTERS,CH.....	7-995	WALTON,CM.....	7-1937	WEAR,RR.....	0-92-3
WALTERS,CH.....	0-1196	WALTON,CM.....	7-1937-1F	WEAVER,GD.....	0-11-1
WALTERS,CH.....	0-1196-1	WALTON,NE.....	0-75-3	WEAVER,GD.....	0-15
WALTERS,CH.....	0-1278	WALTON,NE.....	0-75-4	WEAVER,GD.....	0-15-1
WALTERS,CH.....	7-1940	WALTON,NE.....	0-75-5	WEAVER,GD.....	0-15-1
WALTERS,CH.....	7-1995	WALTON,NE.....	0-75-6	WEAVER,GD.....	0-15-1
WALTON,C.....	0-1281	WALTON,NE.....	0-75-7	WEAVER,GD.....	0-15-2F
WALTON,C.....	0-1282	WALTON,NE.....	0-75-12	WEAVER,GD.....	0-15-2F
WALTON,CM.....	0-20	WALTON,NE.....	0-75-13F	WEAVER,GD.....	0-134-1
WALTON,CM.....	0-20-1F	WALTON,NE.....	0-111-3F	WEAVER,GD.....	0-134-5
WALTON,CM.....	0-181	WALTON,NE.....	0-137	WEAVER,GD.....	0-134-6
WALTON,CM.....	0-181-1F	WALTON,NE.....	0-137-1	WEAVER,GD.....	0-135-2
WALTON,CM.....	0-212	WALTON,NE.....	0-137-2F	WEAVER,GD.....	0-135-INT.
WALTON,CM.....	0-212-1F	WALTON,NE.....	0-146-5	WEAVER,GD.....	0-238
WALTON,CM.....	0-231-INT.	WALTON,NE.....	0-214-13	WEAVER,GD.....	0-238-1F
WALTON,CM.....	0-241	WANG,CY.....	0-1153-1	WEAVER,GD.....	9-525
WALTON,CM.....	0-241-2	WANG,ST.....	0-415-2F	WEAVER,GD.....	9-525-1F
WALTON,CM.....	0-241-4	WARBURTON,.....	SS 26.00	WEAVER,GD.....	9-525-1F
WALTON,CM.....	0-241-5	WARD,8.....	7-957	WEAVER,GD.....	9-525-1F
WALTON,CM.....	0-241-6F	WARD,GH.....	0-1267	WEBB,ST.....	0-1239-3
WALTON,CM.....	0-298-1	WARD,WV.....	0-428	WEBSTER,R.....	0-114-5
WALTON,CM.....	0-298-1	WARD,WV.....	0-428-1F	WEEKES,DF.....	RP-05(01)
WALTON,CM.....	0-298-1	WARD,WV.....	0-488	WEISE,B.....	9-555
WALTON,CM.....	0-298-1	WARD,WV.....	0-488-1F	WEISS,ME.....	0-148-5
WALTON,CM.....	0-312	WARD,WV.....	7-954-1F	WEISS,ME.....	0-190-3F
WALTON,CM.....	0-312-1	WARD,WV.....	7-957-2F	WEISS,ME.....	0-215-1F
WALTON,CM.....	0-312-1	WARD,WV.....	7-978	WEISS,ME.....	0-225-2
WALTON,CM.....	0-312-1	WARD,WV.....	0-1101	WEISSMAN,AJ.....	0-472-472-4
WALTON,CM.....	0-312-1	WARD,WV.....	0-1101-1F	WEISSMANN,AJ.....	0-439-4F
WALTON,CM.....	0-332-2F	WARD,WV.....	0-1107	WEISSMANN,AJ.....	0-472-5
WALTON,CM.....	0-352	WARD,WV.....	0-1107-1	WEISSMANN,AJ.....	0-472-6
WALTON,CM.....	0-352-1F	WARD,WV.....	0-1107-4	WEISSMANN,AJ.....	0-472-7F
WALTON,CM.....	0-356	WARD,WV.....	0-1107-5F	WEISSMANN,AJ.....	0-472-472-6
WALTON,CM.....	0-356-1	WARD,WV.....	0-1149	WEISSMANN,AJ.....	0-472-472-7F
WALTON,CM.....	0-356-2	WARD,WV.....	0-1149-1	WELCH,RC.....	0-89-10
WALTON,CM.....	0-356-3F	WARD,WV.....	0-1227	WESEVICH,JW.....	0-459-1
WALTON,CM.....	0-362	WASHINGTON,.....	1-2001-1F	WHEAT,HG.....	0-1265
WALTON,CM.....	0-362-2F	WASHINGTON,EJ.....	0-489-1	WHITE,JR.....	0-37-1
WALTON,CM.....	0-378-1F	WASHINGTON,EJ.....	0-489-2F	WHITE,JR.....	0-37-2F

- INDEX OF RESEARCHERS & AUTHORS -

WHITE, JR.....	SS 17-01	WOMACK, KN.....	7-1915-1F	WOOTAN, JP.....	0-151-4F
WHITE, MC.....	0-68-4F	WON, M.....	0-472-1	WOOTERS, K.....	0-1194-1F
WHITE, MC.....	0-146-2	WON, M.....	0-472-3	WORLEY, JA.....	0-350-1
WHITE, R.....	0-355-1	WON, M.....	0-1169-2	WRAY, W.....	0-1165
WHITNEY, D.....	7-1900	WONG, C.....	DHT-11	WRAY, WK.....	0-1214
WHITNEY, DP.....	0-385-2F	WONG, C.....	DHT-17	WRAY, WK.....	0-1214-1F
WICKHAM, MD.....	0-457-1	WONG, C.....	DHT-22	WRAY, WK.....	0-1257
WIESE, AF.....	0-67-1	WONG, V.....	0-456-1F	WRAY, WK.....	0-1470
WIESE, AF.....	0-67-2	WONG, V.....	0-456-1F	WRBAS, RO.....	0-141-1
WIESE, AF.....	7-902-2	WONG, WC.....	0-113-5F	WRIGHT, SG.....	0-161
WILAND, B.....	0-16-1F	WOODS, DL.....	0-11	WRIGHT, SG.....	0-161-1
WILES, P.....	0-1298	WOODS, DL.....	0-11-1	WRIGHT, SG.....	0-161-2F
WILEY, JE.....	0-141-PROG.2	WOODS, DL.....	0-11-4	WRIGHT, SG.....	0-353
WILHELM, S.....	DHT-03	WOODS, DL.....	0-15-1	WRIGHT, SG.....	0-353-1
WILHELM, S.....	DHT-04	WOODS, DL.....	0-15-1	WRIGHT, SG.....	0-353-2
WILKINS, KT.....	0-197-1F	WOODS, DL.....	0-15-2F	WRIGHT, SG.....	0-353-3F
WILL, KM.....	0-23-2	WOODS, DL.....	0-15-2F	WRIGHT, SG.....	0-415-1
WILL, KM.....	0-155-1F	WOODS, DL.....	0-60-8	WRIGHT, SG.....	0-435
WILLIAMS, GN.....	0-60-1	WOODS, DL.....	0-60-10	WRIGHT, SG.....	0-435-1
WILLIAMS, JC.....	0-1256	WOODS, DL.....	0-166	WRIGHT, SG.....	0-436
WILLIAMS, TG.....	0-8-2	WOODS, DL.....	0-166-1	WRIGHT, SG.....	0-436-1
WILLIAMS, TG.....	0-8-3F	WOODS, DL.....	0-166-2	WRIGHT, SG.....	0-436-2F
WILLIAMS, TG.....	0-19-4F	WOODS, DL.....	0-166-3	WRIGHT, SG.....	0-446
WILLIAMS, TG.....	0-68-2	WOODS, DL.....	0-166-4F	WRIGHT, SG.....	0-446-1F
WILLIAMSON, B.....	7-964	WOODS, DL.....	0-185	WRIGHT, SG.....	0-1195
WILLIAMSON, HJ.....	0-156-3	WOODS, DL.....	0-185-1F	WRIGHT, SG.....	0-1195-2F
WILLIAMSON, HJ.....	0-156-4	WOODS, DL.....	0-288-2	WRIGHT, WV.....	0-169-4F
WILLIAMSON, HJ.....	0-156-5F	WOODS, DL.....	0-288-3	WU, CS.....	0-259-1F
WILLIAMSON, HJ.....	0-177-3	WOODS, DL.....	0-288-4F	WU, TL.....	0-213-1F
WILSON, SL.....	0-24-18	WOODS, DL.....	0-333	WUNDERLICH, RC.....	0-292-2
WIMBERLEY, SR.....	EP633-01	WOODS, DL.....	0-333-1F	WUNDERLICH, RC.....	0-292-5
WIMSATT, AW.....	0-459-2F	WOODS, DL.....	0-333-1F	WUNDERLICH, RC.....	0-292-6F
WINEGAR, G.....	0-130-3	WOODS, DL.....	9-525-1F	WUNDERLICH, RC.....	0-377
WINN, DP.....	0-341-1F	WOODS, DL.....	9-568	WYATT, EF.....	9-532-1F
WISE, JR.....	0-118-5	WOODS, DL.....	0-1114-1F	WYLIE, RD.....	0-86
WITT, AW.....	0-123-3	WOODS, DL.....	0-1163	WYLY, D.....	0-152-1F
WOLF, L.....	9-578	WOODS, DL.....	0-1163-1	XIN, D.....	0-1213-1F
WOLLMANN, GP.....	0-465-2F	WOODS, DL.....	0-1163-2	YAMAMOTO, Y.....	0-254-1
WOMACK, KN.....	0-225-6	WOODS, DL.....	0-1163-3F	YANDRELL, WO.....	0-207-6
WOMACK, KN.....	7-957-1	WOOLEY, JA.....	0-176-1	YANG, W.....	0-455-2
WOMACK, KN.....	7-1052-5	WOOLEY, JA.....	0-176-2	YANG, W.....	0-473-3F
WOMACK, KN.....	7-1060	WOOTAN, CV.....	0-4	YANG, W.....	0-473-3F
WOMACK, KN.....	7-1060-1	WOOTAN, CV.....	0-4-1	YANG, WS.....	0-1173-1F
WOMACK, KN.....	7-1060-2F	WOOTAN, CV.....	0-4-2	YAPA, KA.....	0-473-1
WOMACK, KN.....	7-1073	WOOTAN, CV.....	0-4-3	YARGICOGLU, A.....	0-23-3F
WOMACK, KN.....	7-1073-1F	WOOTAN, CV.....	0-8	YATES, DL.....	0-465-2F
WOMACK, KN.....	7-1078	WOOTAN, CV.....	0-8-1	YAZDANI, JI.....	0-1123-2
WOMACK, KN.....	7-1078-1F	WOOTAN, CV.....	0-8-2	YEOM, H.....	0-1220-1F
WOMACK, KN.....	7-1081	WOOTAN, CV.....	0-8-3F	YEOM, H.....	1-2031-1F
WOMACK, KN.....	7-1081-1F	WOOTAN, CV.....	0-8-PROGRESS	YEOM, HY.....	0-469-1F
WOMACK, KN.....	0-1161-1	WOOTAN, CV.....	0-64	YETTE, R.....	0-399-1F
WOMACK, KN.....	0-1187-1F	WOOTAN, CV.....	0-64-1F	YETTE, R.....	0-456-1F
WOMACK, KN.....	0-1242-1	WOOTAN, CV.....	0-470	YETTE, R.....	0-456-1F
WOMACK, KN.....	0-1261	WOOTAN, CV.....	7-1990	YIMPRASERT, P.....	0-114-2
WOMACK, KN.....	0-1261-1	WOOTAN, CV.....	RP-02(04)	YIMPRASERT, P.....	0-114-4

- INDEX OF RESEARCHERS & AUTHORS -

YIMPRASERT,P.....0-123-16  
 YINH,J.....0-96-3  
 YOUNG,D.....0-399-1F  
 YOUNG,MF.....0-166-1  
 YOUNG,MF.....0-166-2  
 YOUNG,MF.....0-166-3  
 YOUNG,MF.....0-166-4F  
 YOUNG,RD.....0-140-1  
 YOUNG,RD.....0-140-2  
 YOUNG,RD.....0-140-5  
 YU,C.....0-241-4  
 YU,C.....0-241-5  
 YU,C.....0-241-6F  
 YURA,JA.....0-247  
 YURA,JA.....0-247-1  
 YURA,JA.....0-247-2  
 YURA,JA.....0-247-3  
 YURA,JA.....0-247-4  
 YURA,JA.....0-247-5F  
 YURA,JA.....0-306  
 YURA,JA.....0-306-1  
 YURA,JA.....0-1239  
 YURA,JA.....0-1239-2  
 YURA,JA.....0-1239-3  
 YURA,JA.....0-1302  
 YURA,JA.....0-1304  
 ZAKKA,ZA.....0-1117-3f  
 ZAVOINA,MC.....0-1152-1-F  
 ZEIGLER,CD.....SS 15.02  
 ZEIGLER,CD.....SS 15.04  
 ZEIGLER,CD.....SS 19.01  
 ZEKANY,AJ.....0-242-2  
 ZILVETI,A.....0-383-2F  
 ZIMMER,RA.....0-174-1F  
 ZIMMER,RA.....0-328  
 ZIMMER,RA.....0-328-1  
 ZIMMER,RA.....0-328-2F  
 ZIMMER,RA.....0-434  
 ZIMMER,RA.....7-949  
 ZIMMER,RA.....7-977  
 ZIMMER,RA.....7-992  
 ZIMMER,RA.....0-1144  
 ZIMMER,RA.....0-1144-1F  
 ZIMMER,RA.....0-1151-1F  
 ZIMMERMAN,RA.....0-462-1F  
 ZINN,CD.....0-156-5F  
 ZOLLINGER,DG.....0-455-1  
 ZOLLINGER,DG.....0-1172-1F  
 ZOLLINGER,DG.....0-1213-1F  
 ZOLLINGER,DG.....0-1244  
 ZOLLINGER,DG.....0-1254  
 ZOLLINGER,DG.....0-1385  
 ZOVOING,M.....0-1152-1F