

SDHPT 512-10

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SECTION 512-10
TEST REPORT
FEBRUARY 1982
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TEXAS A&M UNIVERSITY

TEXAS TRANSPORTATION INSTITUTE
COLLEGE STATION TEXAS 77843

HIGHWAY MATERIALS

December 4, 1981

750-512

(512-10)

Report No. 512-10

Mr. Phillip L. Wilson
State Planning Engineer, Transportation
State Department of Highways
and Public Transportation
Austin, Texas 78701

Attention: Mr. Ivan K. Mays

Dear Sirs:

Enclosed is a reproducible original and seven copies of the flexible pavement evaluation (visual survey) information on FCIP Study No. 1-10-75-512, "Post Construction Evaluation of U.S. 69 Sulphur Asphalt Pavement Test Sections in Lufkin, Texas".

As you may recall alternate reports on the condition of this SEA field trial are to consist of a visual survey and a set of slides including a view of each test section. A set of these slides with an identification key is also enclosed.

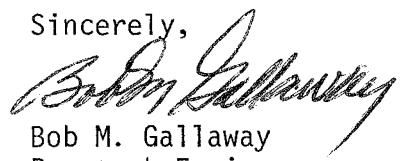
As of October, 1981, the entire segment of the field trails (consisting of ten sub-sections) is in excellent condition with an overall ride quality as measured by the Mays Meter of 4 +.

Wheel track depressions in the sulphur sections are in general less than 1/8". The wheel track depressions in the control sections average about 5/16".

The cracking is limited to minor longitudinal cracks in the control sections and connecting cracks where numerous cores have been taken during the past almost six years.

If you have any questions, please feel free to call.

Sincerely,


Bob M. Gallaway

Research Engineer

RECEIVED

DEC 11 1981

BMG/bc
Enclosures

cc: Dr. Jon A. Epps
Dr. C. V. Wootan
Mr. J. L. Baird
Mr. Harold L. Fike

DEC 10 1981 31

TRANSPORTATION PLANNING
D-19

SLIDE TITLE KEY
SULPHUR EXTENDED ASPHALT (SEA)
LUFKIN FIELD TRIALS, U.S. 69, PROJECT 2512
(Taken October 21, 1981)

<u>Slide Number</u>	<u>Slide Caption</u>	<u>Correct Caption</u>
1	Lane R, Section 1	Section 10
2	Lane R, Section 1	Section 10
3	Lane R, Section 2	Sections 8 and 9
4	Lane R, Section 3	Section 7
5	Lane R, Section 4	Section 6
6	Lane R, Section 5	Same (Correct)
7	Lane R, Section 6	Section 4
8	Lane R, Sections 2 and 3	Same (Correct)
9	Lane R, Section 1	" "
10	Lane S, Section 10	" "
11	Lane S, Sections 8 and 9	" "
12	Lane S, Section 7	" "
13	Lane S, Section 6	" "
14	Lane S, Section 5	" "
15	Lane S, Section 4	" "
16	Lane S, Sections 2 and 3	" "
17	Lane S, Section 1	" "

FLEXIBLE PAVEMENT EVALUATION

SYSTEM - ID		MMS	EI	DISTRICT NO.		PAVEMENT CONDITIONS								COMMENTS / NOTES																																																																		
& CARD - ID		1 2 3	4 5	1 1	6 7	RUTTING		RAVELING		FLUSHING		FAILURES		ALLIGATOR CRACKING		LONGITUDINAL CRACKING		TRANSVERSE CRACKING																																																														
SYSTEM ID	CARD - ID	COUNTY NO	FOREMAN NO	HIGHWAY NO		FROM MILEPOST	TO MILEPOST	+/- DISPLACEMENT	+/- DISPLACEMENT	1/2"-1"	1"-2"	% AREA	% AREA	% AREA	% AREA	LN. FT	NO. STA/LN	NO. PER. STA	COMMENT CODE	SPEED LIMIT	Pavement Type																																																											
										LANE	26-50	>50	<1	>1	LN. MI.	PER STA/LN	PER. STA																																																															
M	M	S	E	2	3	0	6	US	69	R	0	0	0	0	1	1	1	1	5505	167+00	-	170+50	AISPH																																																									
M	M	S	E	2	1	1	1			S	0	0	0	0	1	0	0	0	5505																																																													
M	M	S	E	2	1	1	1			R	0	0	0	0	0	1	0	0	5505	170+50	-	177+50	SEA																																																									
M	M	S	E	2	1	1	1			S	0	0	0	0	0	0	0	0	5505																																																													
M	M	S	E	2	1	1	1			R	0	0	0	0	0	0	0	0	5505	170+		181+00	AISPH																																																									
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M	M	S	E	2	1	1	1			R	0	0	0	0	0	0	1	1	5505	181+00	-	184+50	SEA																																																									
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M	M	S	E	2	1	1	1			S	0	0	0	0	0	1	0	0	5505																																																													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81

* Reduced Thickness Sections

FLEXIBLE PAVEMENT EVALUATION

SYSTEM - ID M M S E I
& CARD - ID 1 2 3 4 5

DISTRICT NO.

1	1
6	7

RATERS:

LYON'S D

DATE: MONTH **10** DAY **21** YEAR **1981**
69-51 62-63 64-65 66-67

Sheet 2 of 2

LOCATION