#### Day 2 Workshop at Austin District/Road Rally 6:30 – 7:30

Peers, TxDOT and CTR members - breakfast at AT&T Center 'The Carillon'

Discussion of Rating Form with Q/A (Jorge Prozzi)

TxDOT Vans pick up Group at AT&T Center

Lunch at a restaurant (TBD)...... 11:30 – 12:30

Travel to North Austin Area Office - 1001 Parmer Ln. ...... 12:30 - 1:00

1) Tour / Discuss Maintenance Facilities & Operations (Lowell Choate) Lowell.choate@txdot.gov (512) 832-7030

Staffing and Training Maintenance Equipment display Profiler / Skid Truck / FWD / GPR display District Lab

Discussion

Refreshments in District Meeting Room (pastries coffee / soda) no formal Break

2) 4 year Pavement Management Plan (Mario Jorge) Mario.jorge@txdot.gov (956) 702-6101

Discussion

Return to AT&T hotel - No dinner plans - Guests free to choose

#### IMPORTANT CONTACT NUMBERS FOR ROAD RALLY

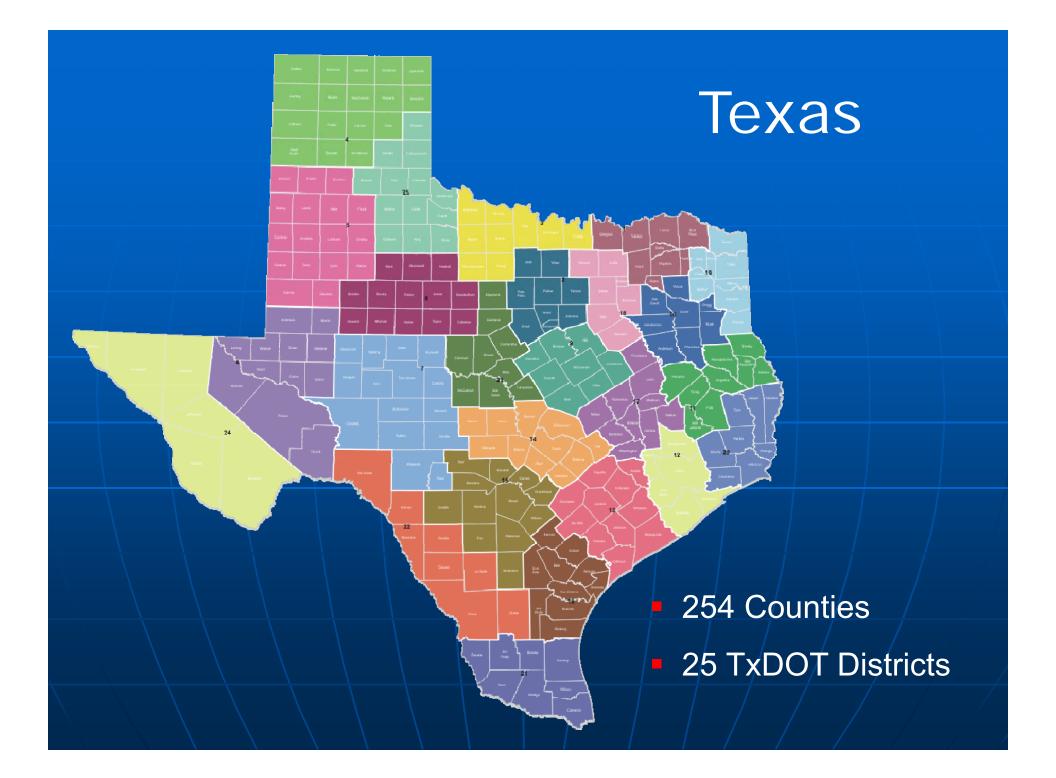
Mike Murphy cell phone (512) 300-3875 Yetkin Yildirim cell phone (512) 736-2225 Center for Transportation Research (512) 232-3100

#### **Texas Department of Transportation**

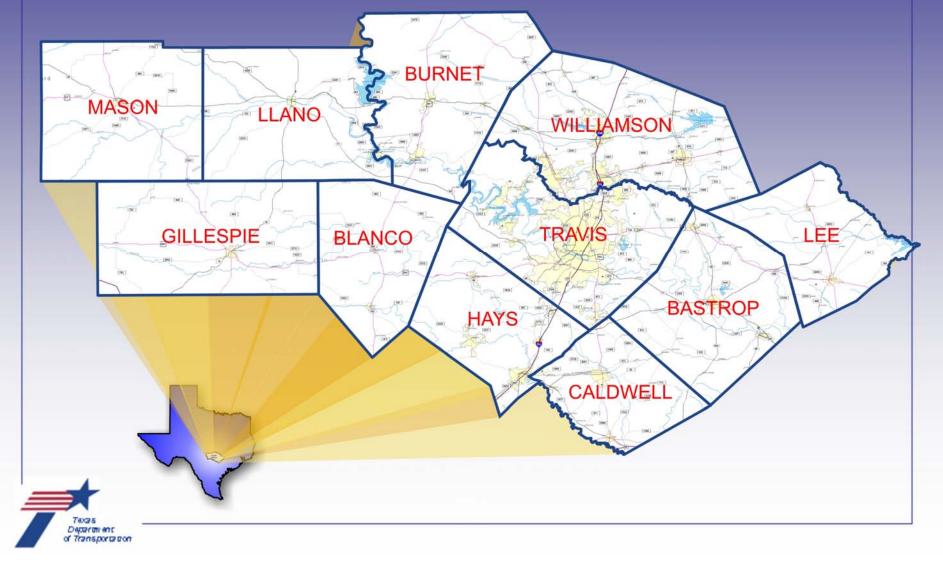
#### Welcome to the Austin District



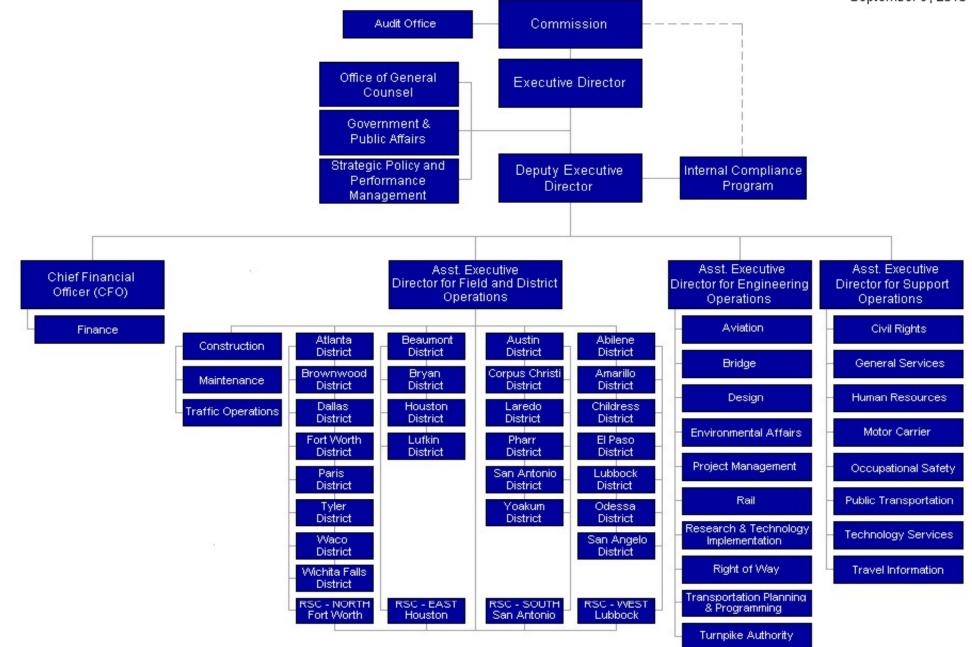


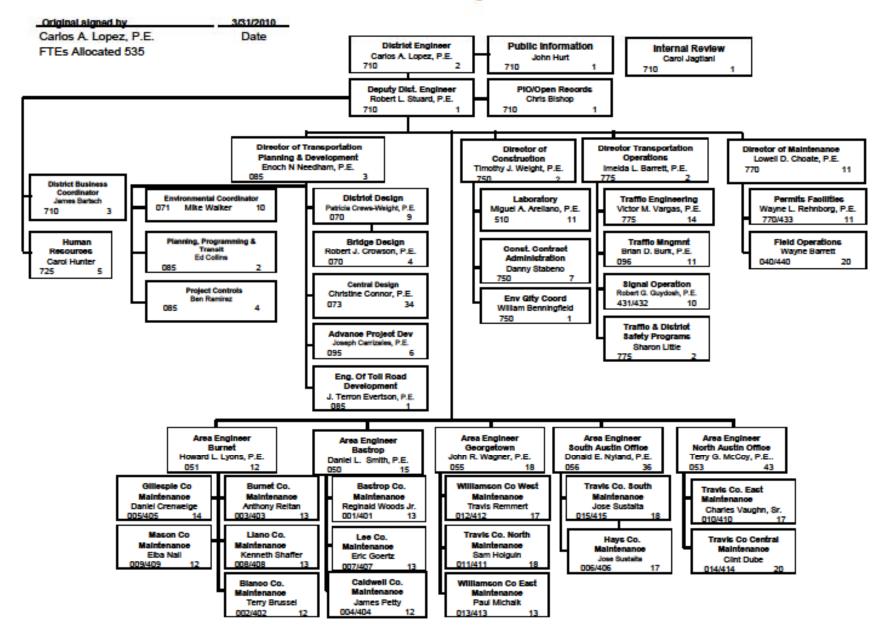


# Texas Department of Transportation Austin District

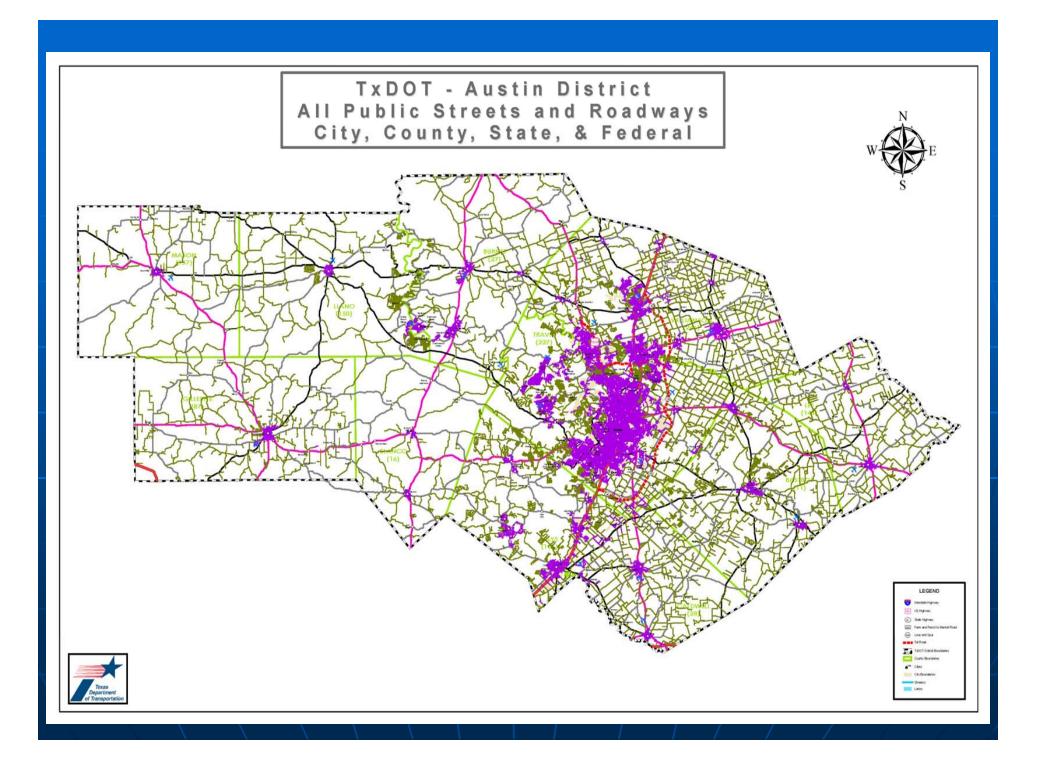


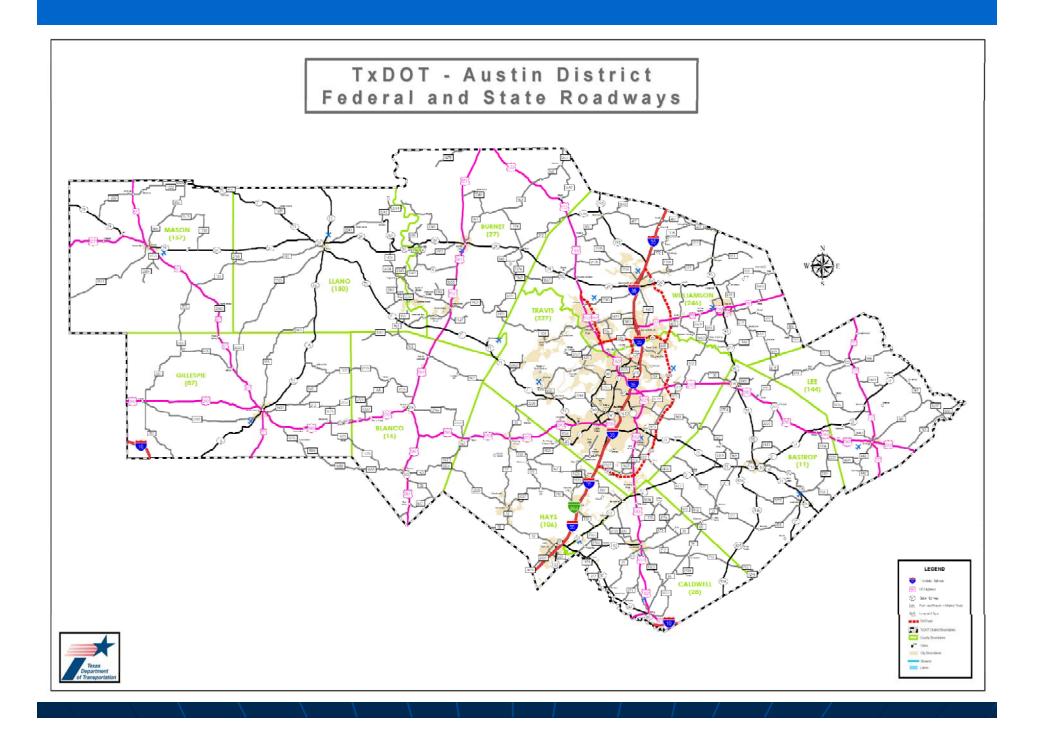
#### September 9, 2010





#### Austin District Organizational Chart





#### Texas Department of Transportation Austin District



#### 11 Counties

518 Employees

9,489 Square Miles

9,208 Lane Miles

#### Texas Department of Transportation Austin District



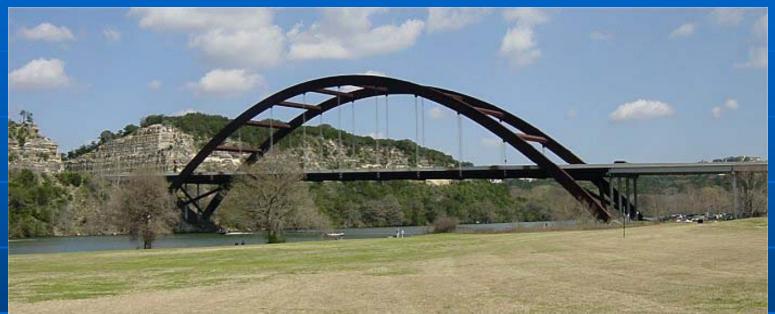
#### **District Population**

2008 Population 1,768,636

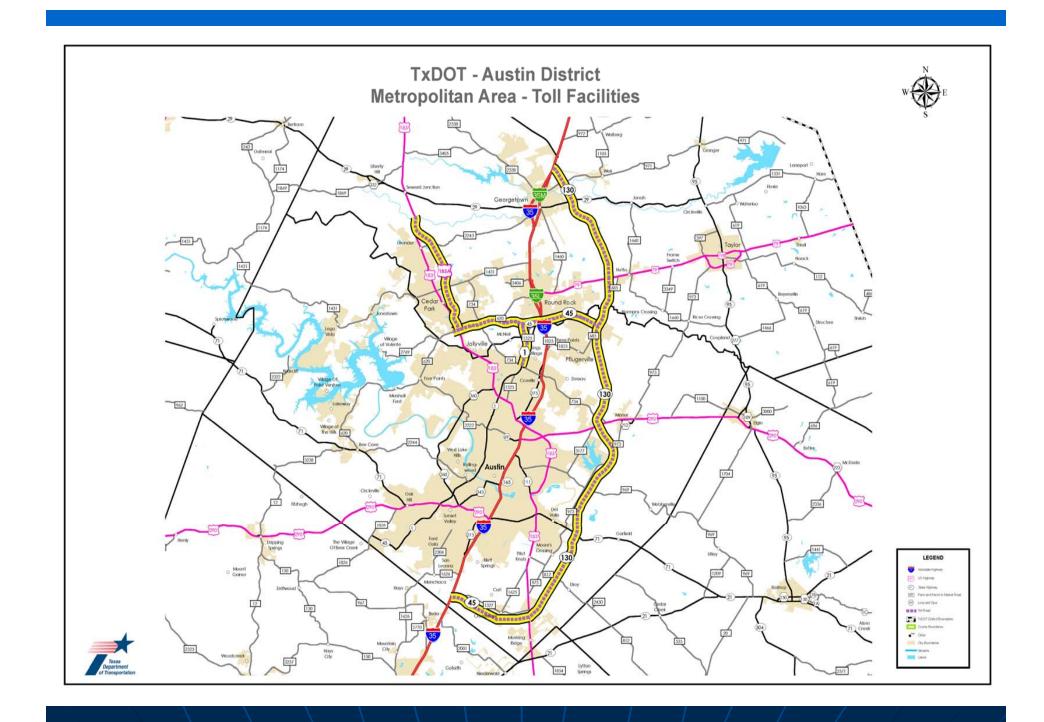
1996 Population 1,064,474

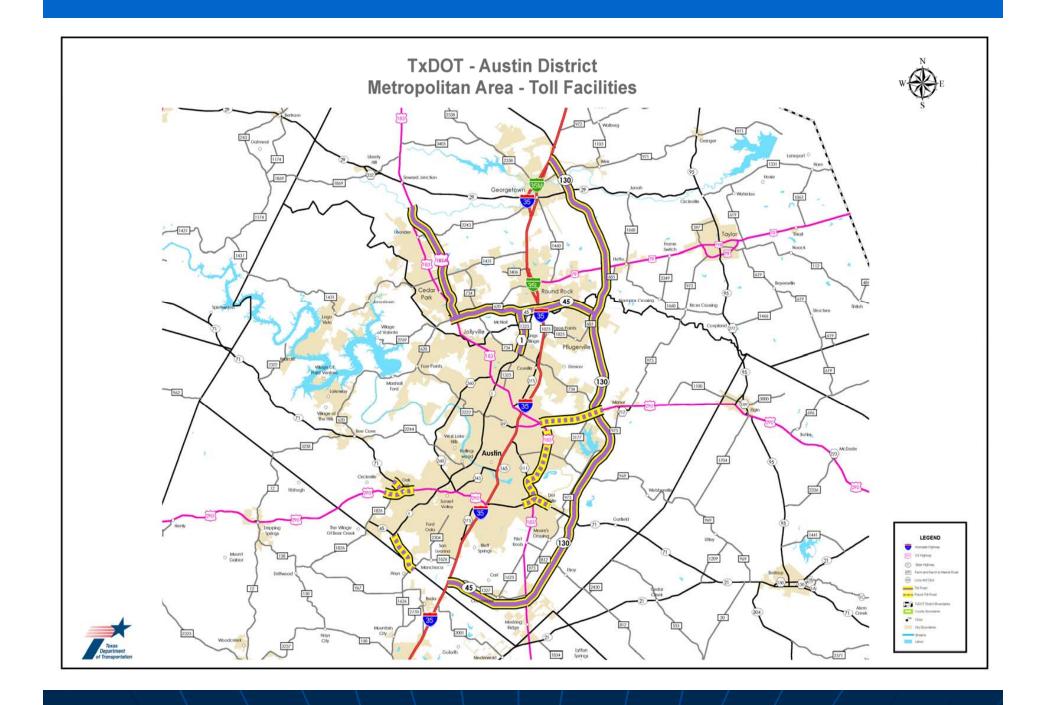
Each year over the past 12 years brings an additional 58,680 people to Austin District roadways.

#### Texas Department of Transportation Austin District



## Austin Area Bridge Count \* On-System = 1,889 \* Off–System = 1,468





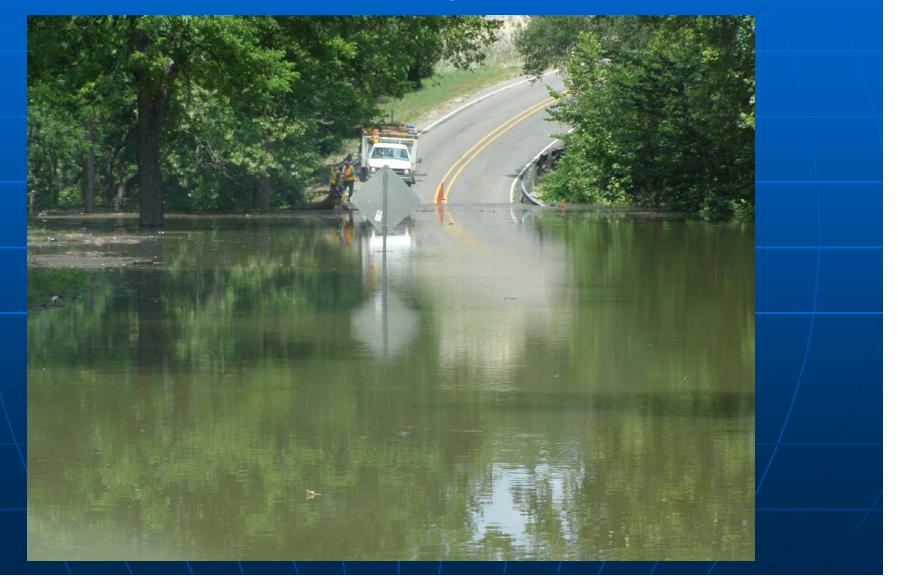
#### TxDOT Austin District Assisting Counties



## TxDOT Austin District Emergency Work



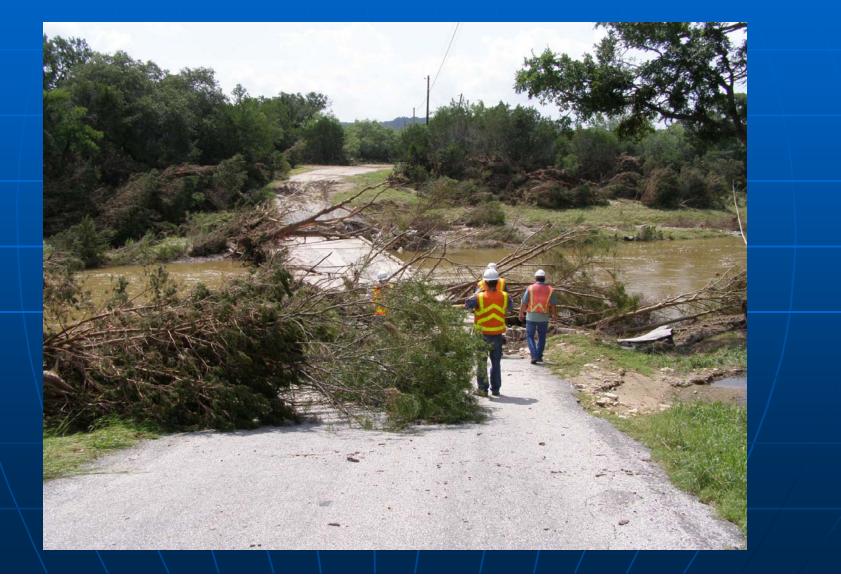
## TxDOT Austin District Flood Response



#### TxDOT Austin District Debris Removal



## TxDOT Austin District Clearing the way



## TxDOT Austin District Bridging the Gap



## TxDOT Austin District Roadway Repair



### TxDOT Austin District Assisting other Districts



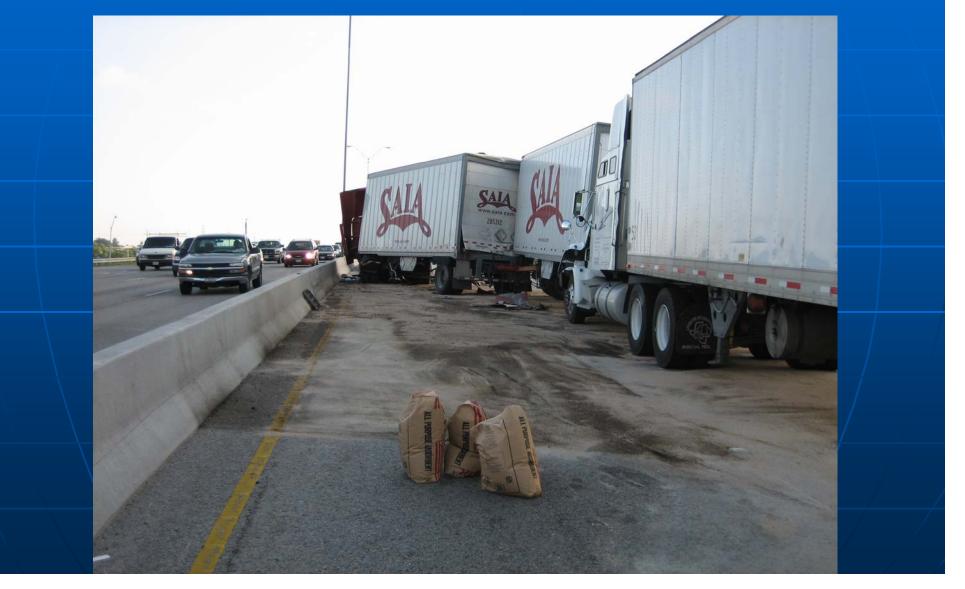
### TxDOT Austin District Hurricane Cleanup



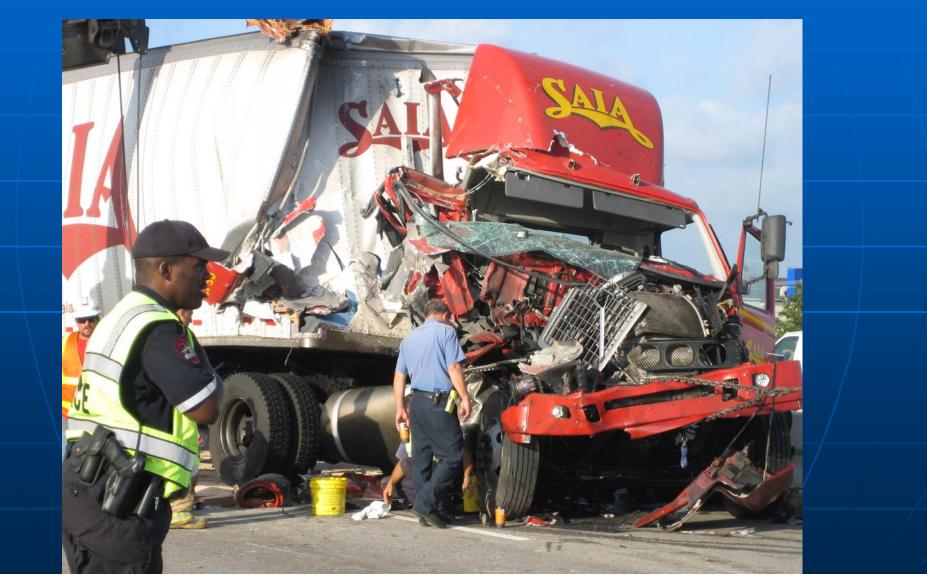
## TxDOT Austin District Community Outreach



## TxDOT Austin District HAZMAT response



## TxDOT Austin District Emergency Response



#### TxDOT Austin District Partnership in CTECC

(Combined Transportation Emergency and Communications Center)



#### TxDOT Austin District Emergency Communications



#### TxDOT Austin District Coordinated Police, Fire, & Highway Response in day-to-day operations



#### TxDOT Austin District and in region-wide and state-wide emergencies



#### TxDOT Austin District Communication



# TxDOT Austin District Safety

Proactive Program
 Safety Review Committee
 Awards
 Roadeo

#### TxDOT Austin District Training/Safety- Roadeo



#### TxDOT Austin District Safe backup



## TxDOT Austin District Safe Operator



# Training

XX Formal Training Courses
 Equipment Demonstrations

## TxDOT Austin District Training



## TxDOT Austin District Training/Safety- Roadeo



# TxDOT Austin District getting it right



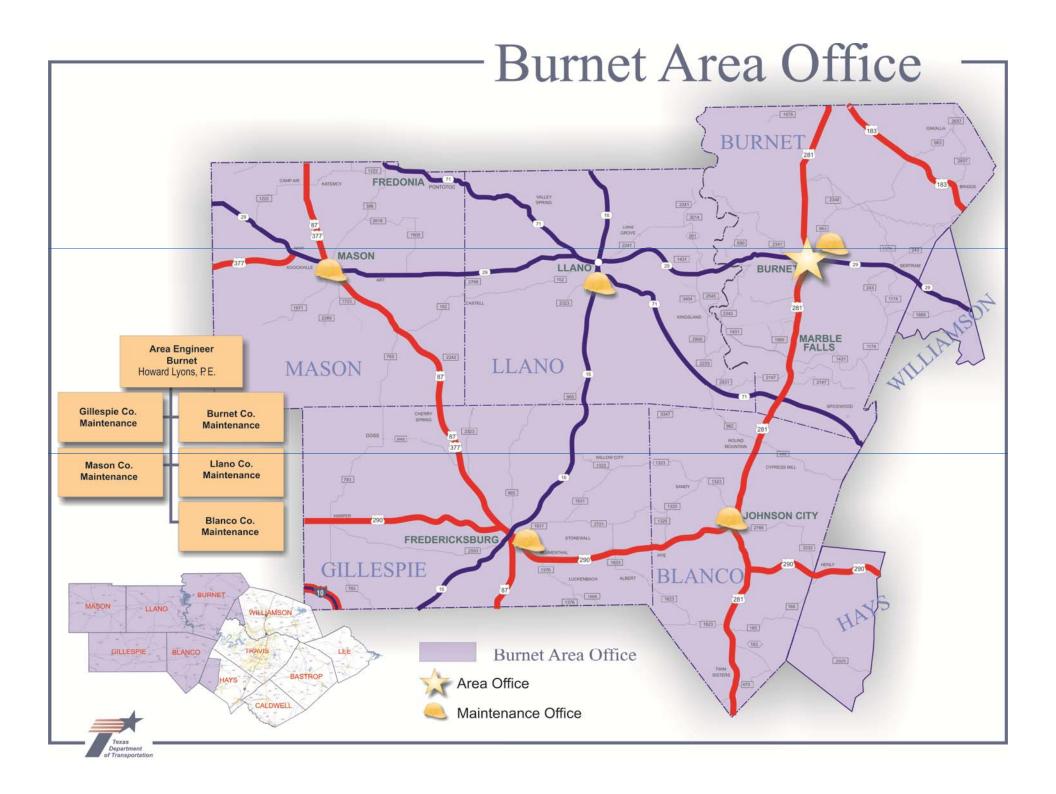
## TxDOT Austin District Training

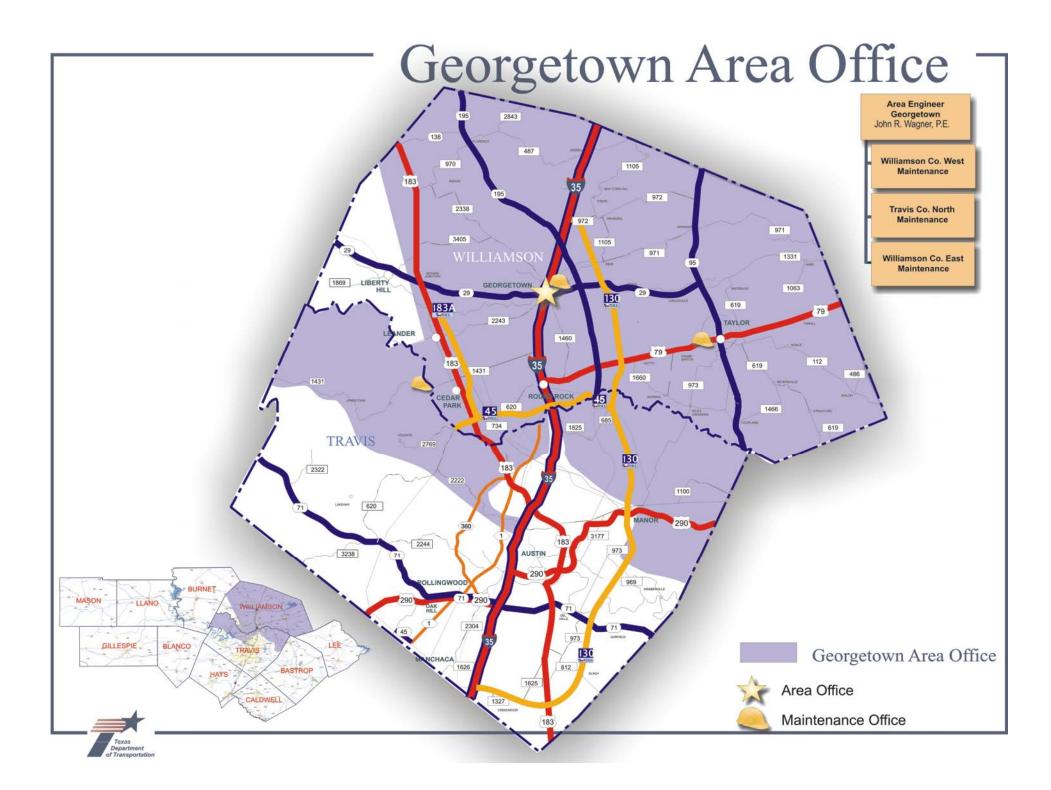


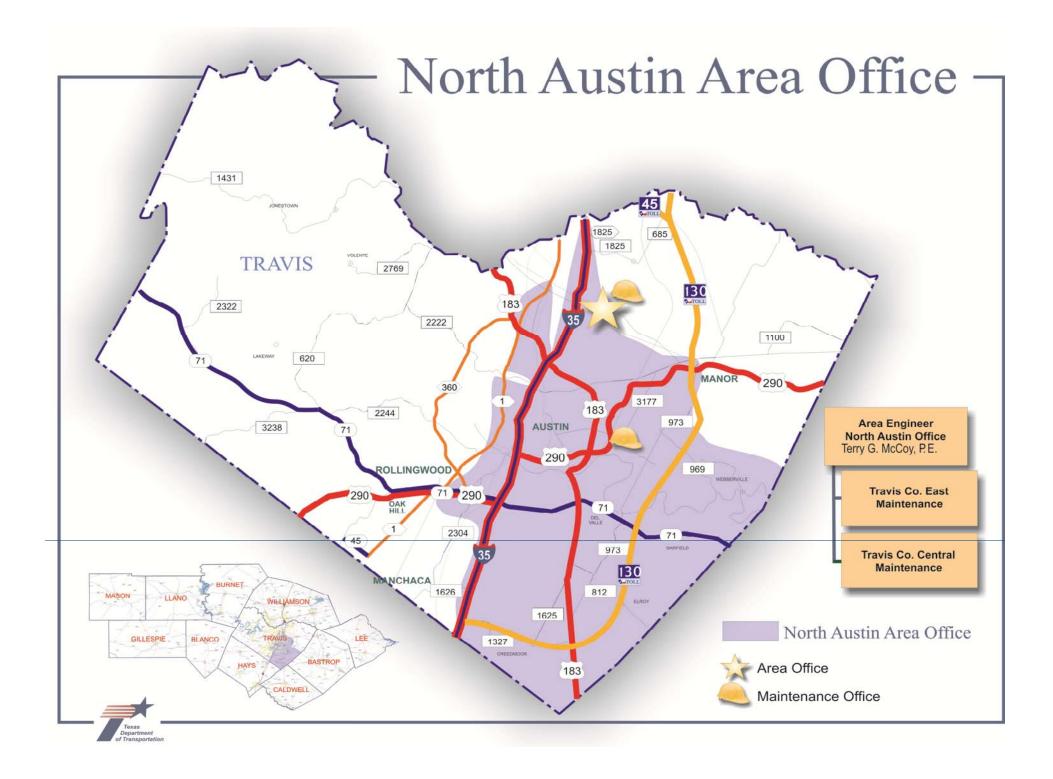
## **TxDOT Austin District**

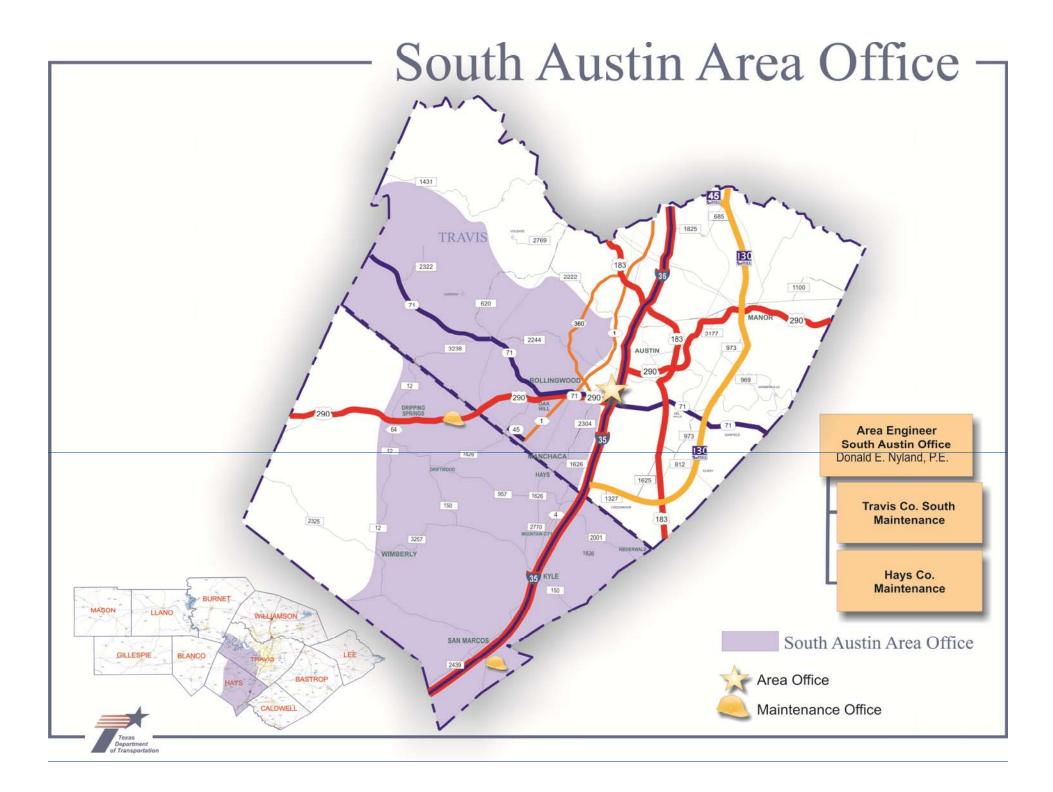
Dividing up the work -Area Engineering Offices











# TxDOT Austin District Toll Roads







#### TxDOT Austin District Toll Roads\* (\* - not including 183A)

8 major interchanges

235 bridges

■ 698 lane-miles

#### Texas Department of Transportation Austin District

Under Construction - \$547 million in 103 projects

**District Budget** 

 Strategy

 101 (Planning, Design, Mgmt)
 \$13,389,056

 144 (Cont. Routine Maintenance)
 \$30,738,677

 105 (Routine Maintenance)
 \$27,292,945

 102 (Right-of-Way Acquisition)
 \$30,811,087

Texas Department of Transportation Austin District

**District Letting Volume** 

FY 2007 - \$274 million
FY 2008 - \$614 million
FY 2009 - \$XXX million
FY 2010 - \$337 million

# **Planning Maintenance**

4 Year Pavement PlanComprehensive

TxDOT Austin District 4-Year Pavement Plan

The Austin District maintains a 4 year comprehensive pavement plan

The plan combines funding from all funding strategies to one location

From this centralized vantage pointprojects can be compared to current pavement conditions of each roadway

Priorities can be reviewed

Project overlap can be eliminated

Program call- In March of each year, the District Office will estimate anticipated funds for the 4 following FY's

General direction given to AE's and MSS's to review roadways and submit candidate projects for updated 4 Year Pavement Plan

Current PMIS data available at this time

DOC discusses needs (trends and contractual issues) with AE's.

DOM discusses specific needs (pavement preservation strategies) with MSS's

 Committee (DOC, DOP, DOM and Pavement Engineer)
 Reviews PMIS data. Reviews previous PM Program Performance
 Discuss overall District Strategy
 AE develops candidates with input from MSS

Review candidates and develop matrix based on pavement age, condition score, skid score, and ADT

Visit roadways within District to identify specific concerns

Reviews PMIS data

Committee reviews from district perspective

Narrow/Prioritize list of candidates

Site Visits

Review candidates with AE's and MSS's

Prioritize candidate list

Working Committee meeting with DE for input and final selection of candidates

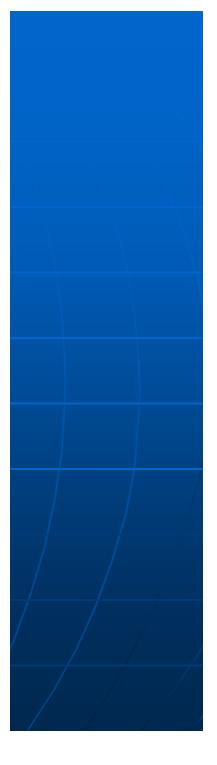
Final candidate list programmed

DISIT L ET_GA CONTROL HIGH	WAY_ COUNTY_NA	WWAGER_	Responsible	EST CONST COST	TYPE OF WORK	LINTS FROM	LINETE TO	WORK P ROORA	1900 <b>860</b> 1 CL F - M	RE REO P	re end re Rix F_MARK	RID_RE F_MARK		Skat	Cond			MATRIX			type		Datas		Data in	
															Hi Fi	in a	ointa Pointa	Points	Score				2010 PM	FY2011PM	FY2011 Refue	Fr2012 PM
1002 011401051 US 20 1002 027304028 US 10	ID WILLIAMSON	53	Terry MaCoy Christine Corror		MLL, SEAL & THIN OVERLAY	ARPORT BLVD BLIPNET CA	GAMERON RD	101PMA	ov 0536	64	669 8578	8.841	54000 Camp	siete D	н эо	96	12.5	0	26 57. 75 61	_	PM .		\$2,001,203.00			<u> </u>
	ID WILLIAMSCH		John Wegner		REHAB ROWY	FM 3425	9429	1001A	RER DIE	13	343 3486	1	800		5 81	20	6.25	7.5 18	75 52		24816					\$940,000.00
1102020404040 80.75	Se WILLWISCH		John Weener	_	OVERLAY	94.95	US 79 SAST	111PMA	ov om		0000454	0.097	12500 Carno		e 24	20	52.5	20	25 67	20	<b>1</b> 4		\$1,180,000.00			
1100 0000000 94 90	5 WILLIAMSON	55	John Wagner		PLAL DEPTH REPARLINDERSEALS OV	JOHNSON DR IN TAYLOR HOWARD LN	BU78 (KND ST) H07 S OF WALAUT CREEK	1101A	RER DOD	0.4	<b>aa</b> bax	2.365	17080	2	0 40	20	12.5	22.5	25 80	90 I	SLRbb		\$1,400,000.00	\$7,754,200.00		i
	INAVIA	51	Howard Lyona		REFAR ROWY	RM 1401	LLAND R	11PA	RER	414 -0.0	011 414	1.000	6730 Camp	-	0 42	20	6.25	22.5 18	75 67.	50	7 HRtb		\$1,255,944.00			
5402 003701023 SH 20			John Weaner		SPOT FULL DEPTH REPAIR	RALROAD ST	ALISTINAVE	CANCE.	CV 0854	10	012 0554	1.21	19400 Care	-	M 40	25	6.25	22.5	25 73	75	LRbs		\$201,148.00			
1403 003703039 (94 2) 1403 006703009 (FM 0		55	John Wegner Don Nyland		8 SPOT FULL DEPTH REPAIR 2 SEAL COAT & OVERLAY	ALISTIN AVE	HUTTO RD. GUADALUPE COUNTY LINE	CANCE.	OV 0554	0	31 0554	2.222	19400 Camp	siate 3	M 40	26	6.25	22.5	25 73 75 73	75	E.Res		\$406,260.00			i
1403 090301383 RM 0			John Weaner		FULL DEPTH REPAIR UNDERSEAL & OV	8H 123 RM 2709	SUADALUPE COUNTY LINE	CANCE.	OV 0540	14	510 0540	9.007	6000 in-pro	20000 2		20	12.5	7.5	25 65		L Rep		\$1,305,000.00			
1403 070803109 54171	TRAVIS	54	Don Nyland	\$ 799,051	1 SEAL AND OVERLAY WITH 2" milliond inlay	RM 3238	1.023 MILES EAST	CANCE.	ov ste	14	627 560	0.450	42080 Camp	sinte a si	6 <i>1</i> 1	25	12.5	75	25 65	00 1	a.ees			\$799,850.75		
1108001818025 RM 9 1103 153802030 FM 1	407 HAITS	24	Dos Neland		2 KON LEVEL-LP, SEAL & OVERLAY 2010 LEVEL-LP, SEAL & OVERLAY	FM 2070 FM 2004	H 25	111Phile		500 0.0 0.1	522 533	0.140	10400		0 27 x	- 20	425	22.5	25 TX	75 1	1000			\$1,085,080.00		i
1102015202000 Lis 10	ID CALDWELL		Casiel Smith		PAVEMENT REPAR MILL SEAL SOVERLAY	2M 8 FM 20 NORTH	IN JO NOUTH OF FROM	11014	RER DAVA	500	1.9 503	0.140	19900 in-pro	<u> </u>		10	18.75	0	25 TA	75 1	800	\$14,500,000.00		\$7,085,080.00		
5402 011208071 US 20	SD TRAVIS	56	Don Nyland	\$ \$13,000	D OVERLAY	EOF 9H 71	RM 1836	CANCEL	CV 0508	64	400 0570	0.400	Sicco Camp	siete 1	17 80	10	18.75	0	25 53	75 1	6PM		\$513,000.00			
1403070003110 594 71	TRAVIS	5	Don Nyland Christine Corrier		D OVERLAY	SILVERMINE DECKER CREEK	US 250 RASTROP OL	CANCE.	CV 0505	61	212 0505	1.004	25000 Comp	sinte d	0 55	26	12.5	15	25 72	50 1	2 PM	\$6,200,000,00	\$1,025,000.00			⊢
1100 000405007 Fail 1	HI LEE	50	Daniel Smith		5 LEVELUP & SEALCOAT	US 290	US 280	111944	ov	40 01	140 410	4.04	5400		a at	20	12.5	7.5 18	75 54	75 1		\$6,700,000,00	\$1,376,665.00			
	ID TRAVIS	53	Ferry Mallov		MLL SEAL & THIN OVER AY	AT LP 111 INTERCHANGE		11PA	ov atoo	19	954 9530	2.424	4000 Cone	-	0 00	23	12.5	15	25 72	50 2	PM			\$1,330,000.00		
	1225 WELLAMSON	50	John Wegner	\$ 1,770,000	DOWERLAY	9H 65	MERRILTOWN RD	1198	ov	428 1.4	430 421	-0.00	34000 Comp	3400 2	6 67	26	12.5	15	25 72	50 2	PM			\$1,770,000.00		⊢
110001500009 US 10 1100070001005 SH 71			Daniel Simith Howard Lyona		NVEMENT REPAIR MILL SEAL BOVERLAY	PECAN ST LLAND CA.	DHE & OF FM 20 NORTH UR 281	11014	ov esa		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.313	2200		0 71 9 74	20	12.5	7.5	25 50	50 2		\$6,100,000.00		\$941,211.00		<u> </u>
1303 137 80 0003 RM 14	HOI WILLIAMSON	55	John Weater		BEAL & THIN OVERLAY		825	1217968		556 1.3	300 504	0.503	25000 Carnel	-	H 80	20	12.5	75	25 65	20 2	e PM					\$7,440,000.00
1400 001010605 98 35	SL WELIAMSON	55	John Wegner		MEL, SEAL & THIN OVERLAY	HESTERS CROSSING	FM SHOS	11RA	OV 0424	13	391 0422	0.151	33000 Camp	sieta 3	1 58	26	6.25	15	25 66	25 2	SLABO				\$3,128,533.65	<u> </u>
1303 021 104019 US 71 1303 021 104019 US 71	7 LEE 2759 TRAVIS	56	Daniel Similth John Wesner		EVELOPAIEALCOAT,MILLOVERLAY CITY	SH 21 S 75 MIN OF RM 520	US 280 STATE MAINTENANCE END	121984	ov ov	400 1.4	410 470 abr 500	0.004	1000	-	0 71	21	12.5	7.5	25 96 75 67	50 2 50 2	1000			\$1,014,000.00		\$3,200,000,00
1408 268702016 RM 2		51	Howard Lyona		6 SEAL COAT	D.5 M WOFUS 201	4.59 MI W OF UR 281	118L	ac 0500		0.0000	0.82	11200 Camp	ante a	0 71	26	12.5	75	25 65		PM		\$214,788.00			
1303 001801107 LP 27		20	Don Nyland		SEAL COAT & MICROBURFACE	ROSEY CREEK	BLAUGHTER LANE	118.		0	185 3440	2	27000 Comp	200	5 83	20	12.5	75	25 65	20 2	PM			\$363,441.50		i [
1208 051103950 RM 20 1208 118601902 FM 90		50	Don Nyland Terry McCov		BEALAND OVERLAY	RM 12 JU SEARROOK DR	COMAL COUNTY LINE	11PA		530 1.7	707 516	0.995	4700 in pro	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 90 H 70	20	12.5	15 5	25 00					\$630,000.00	\$775,622.63	
1303 313601181 LP 1	TRAVIS	50	Don Nyland		D SEAL & THIN OVERLAY	WILLIAM CANNON DR	SH 45	1191.	ov	444 11	182 448	2.426	167000 Comp	aa 2	N 92	20	12.5	0	25 57	50 2	PM					
1303 137400009 FM 13		55	John Weater	\$ 4,850,000		181	US 183		ov.	428 41	119 434	0.25	54000 Comp		6 94	20	6.25	15	25 95	25 2	LRb	\$4,950,000.00				<b>⊢</b>
1308 120003046 FM 98		50	Terry MidDoy Terry MidDoy		ADD SHOLLDERS, REPAIR & OVERLAY	9H 71 FW 812	FM 812 US 183	1201A 1201A	RER DIS2	1.5	905 D409	0.959	16500		1 91	20	12.5		25 57. 25 45		1000	\$5,610,000.00 \$3,410,000.00				
1200 127701015 FM 1		53	Terry MicCov		MPROVE HORIZONTAL ALIXAMENT	52 M WOF BRADSHAWRD	0.4 M E OF TURNER SVILLE RD	12014	MRC 0530	10	040 0530	1.000	12100		5 100	25	18.75		25 63	75 2	HRID	\$1,052,188.00				
1102 002301026 94 95	6 BASTROP	50	Daniel Sinith		BEALCOAT, LEVEL-UP & OVERLAY	LP 230	FAVETTE OL	111PMA	ov	400 0.0	984 49C		8100		6 89	22	6.25	7.5 18	75 52	50 3	1000	\$1,000,000.00				<b>⊢</b>
1100 12000010 Fill 8	D BASTROP	50	John Meaner Daniel Smith	\$ 140.00	DEPTH REPAR, LINDERSEAL & THIN OV WON, RE-ALKIN VERT, TWLTL, CULV, OV	9H 95 0201 MI 9 OF FM 535	GRANGER LAKE DAM RD (SME) 0.175 MIN OF FM 535	1111Plat.	NGC 0572	10	219 0572	1.603	2400 Cana	-	1 84	20	42	22.5 1	2.5 55	25 3 20 3	1972 A	\$5,100,000.00 \$1,460,000.00				<u> </u>
1000 015105089 U.S.1	ID WELLANSON	50	John Weaner	3 7.590.000	FULL DEPTH REPAIR MELL SEAL & WERLAY	RWERADR	RM 2240	12014	RER DIR	1		0.00	57000 Carno	1 m	1 82	15	12.5	7.5	25 60	20 d	CLRbb	\$7,580,000.00				
	42 CALDWELL	50	Daniel Smith		I SEAL & THIN OVERLAY	SH 60	BORCHERTLOOP	1301A	ov asse		0 2540	1.25	e100 Comp	1 elec	8 93	20	18.75	0 18	75 57.		PM					⊢]
1400 041701911 FM 20 1400 041700910 FM 20		50	John Wegner John Wegner		DEPTH REPAR, UNDERSEAL & OV	WILLIAMSON COUNTY LINE	SEVER CREEK DR. TRAVIS COUNTY LINE	11PA	ov ov	400	2 420	1,214	22000 Comp 22500 Comp	ante 3	7 90	20	6.25	0	25 51. 25 57		al.Res	\$4,250,000.00				<u> </u>
1400 00200360 54 90		50	John Wegner		DEPTH REPAR, UNDERSEAL & THIN OV	BELL COUNTY LINE	IND ST IN TAYLOR	11PA	ov .	408	0 420	0.876	17000 Comp	ainte a	5 75	26	6.25	7.5	25 58		1.985	\$13,130,000.00				
1200 011208070 US 20		3	Dos Neland		NITALL CTL & RAVED SHOULDERS	LEDGERTONE TERRACE DR	TARA LANE	12018	RER COM	1	07 0500	1.40	2000		-	10	18.75	7.5	25 01	25 4	HRID	\$1,309,000.00				$\vdash$
1202 011202054 US 20		51	Howard Lyona Daniel Smith		B SPOT FULL DEPTH REPAIR	FREDERICKIBURG EAST CITY LIMIT	BLUMENTHAL WASHINGTON CA	TOTPINA I	RER DOD	200	40 2512	1726	19400	-	e 70	20	4.25	7.5	25 60 25 /	00 4 00 4	ALREA .			\$400,000,00		
1102120004013 FM 1	HIS WILLIAMSCA	55	John Wilgner		DEPTH REPAR, UNDERSEAL & THIN OV	9H 95	FM 019	111966	ac 0500	4.0	037 2562	4.76	870		H 74	30	4.25	7.5 4	25 40	20 4	Rep			\$2,310,000.00		
110201140304 US 2	SO TRAVIS	25	John Weater		FULL DEPTH UNDERSEALACIVERLAY WE UNR	E OF FM 970	BASTROP CL	1101A	RER COM	12	534 2004	0.108	1800 Care	-	1 90	-	4.25	7.5	25 43	75 5	LRbb	\$3,927,925.17				$\square$
1013 109903005 RM 13 1009 000705018 FW 50	STO GALERPIE	51	Howard Lyona Daniel Simith		I SEAL COAT	U8 290 9H 21	KENDALL CL. 9H20	111PMA	OV DAM		00454	1.35	1380		H 70	20	0	_	2.5 40	20 5 20 5		\$4,920,134.00		\$375,000.00		<u> </u>
1102 057 102002 Field			Castal Singh		LEVELAP & SEALCOAT	BASTROP CA.	US 183	111966	ov	-	0.0 40	1.083	9400		H 89	10	0	75 5	2.5 30	20 5				\$1,200,000.00		
1013 025107022 US-20	IN BURNET	51	Howard Lyona		BRALCOAT	178 MIN OF RM 2040	9 OF FM 2940	111966	9C 0491	13	374 3438	1254	6500		5 94	4	0	0 18	75 25	75 5	<b>1</b> 11			\$340,000.00		⊢]
1100 00000000 FW 7	D BASTROP	20	Daniel Smith Daniel Smith		I LEVELUP & SEALCOAT I WIDEN, REHAR & ADD TURN LANE	FM 20 2.0M SIOF SH 71	FM (d) 9H 71	12216		DH4 -0	705 0500	0.781	4100 USIDe		0 80	12	0	0 0	2.5 22	50 S	RND 204820	\$4,220,296.00		\$350,000.00		I
1106 057201029 094 20		50	Daniel Smith	3 4,090,000	UPGRD TO 3 UN SEC WITH SHOULDERS	9H 71	1.95 MI S OF SH71	12018	NEC DED		0040	0.060	300		H 90	25	0	0 18	75 26	75 5	HRID	\$4,000,000.00				
1111 120006007 9H 45		5	Don Nyland	\$ 635,475	INSTALL LTL & PAVED SHOULDERS	AT KENDRICK BLVD		1201A	MRC 0534		0 0534	0	2000 in-pro	gres 2	6 67	25	6.25	7.5 1	2.5 40	_	HRID	\$635,479.00				
1112 011406023 US 21 1201 001512052 UH 25	in the second	5	Daniel Simith Terry MicCoy		E LEVELUP & SEAL COAT REPAR, MILL, SEALATHN OV MLS	APPROX 3.5 MI WOF SH 31 COLORADO RIVER	9H21 2407 N OF WOODWARD ST	1212104	RC 0014		410 2524 854 2224	1,224	14200	-	0 82	25		7.5	25 52	25 0	A Rea			\$350,000.00		i
1202 011504045 FW 2		50	Daniel Smith		SPOT FULL DEPTH REPAIR & SEAL COAT	D 175 MIN OF FM 535	2.467 M 90F 9H 71	121PMA	OV 0572	64	955 0579	0.300	4100		0 50	20	0	15 1	25 42	50 6	a.Res					
1112 005202047 US 21	BLANCO	51	Howard Lyona	3 20500	SEAL COAT & OVERLAY	BURNET CA.	US 290 IN JOHNSON CITY	121996	ov otto		0.0474	0.90	1980	-	2 74	11	0	7.5	25 47		PM					
1113 057101010 FM 8		5	Daniel Smith Daniel Smith	\$ 120,000	E LEVELUP & SEAL COAT	FM 20 128 MIE OF FM 998	CALDWELL OL APPROX 7.4 MIEART	1217966	9C	460	19 454	1.05	1100		9 59 10 59	20	0	15 1	25 47.	50 6	1000			\$750,000.00		<u> </u>
1113 011305043 US 2		51	Howard Lyona		7 SEAL COAT	U9 281	APPROX 3.0 MIE OF US 201	121PMA	ac 0534	7.5	512 0538	0	8500		5 97	20	0	0 18	75 36	75 6	PM		\$150,977.00			
1112011208027 US 2	SCIALS OF	51	Howard Lyona	1 574.307	7 IBEAL COAT	APPROX 3.0 MLE OF US 2M	HAVE OF	121PMA	ac 0538		00540	0	5700		1 90	15	0	0 18	75 23	75 6	PM		\$574.347.00			

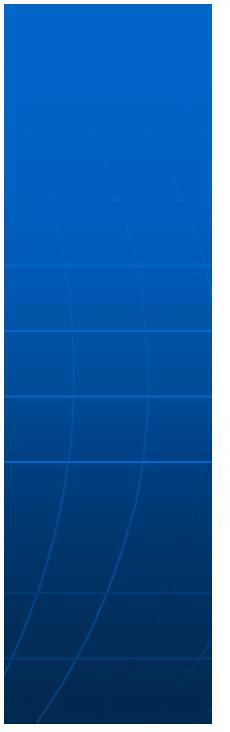
1

D1DDCUME-TwenhoodLCCAL9-10TempXPgrpwiseWaint priority based on pevenent condition updated December 2 xis

MATRIX													
Potential PM and Rehab Projects													
History Points	Skid Points	Condition Points	AD I Points	Matrix Score	District Priority								
					, nong								
20	12.5	0	25	57.50	1								
20	0	22.5	18.75	61.25	2								
20	6.25	7.5	18.75	52.50	3								
20	12.5	30	25	87.50	4								
20	12.5	22.5	25	80.00	5								
20			25	80.00	6								
20	6.25		18.75	67.50	7								
20	6.25	22.5	25	73.75	8								
20	6.25	22.5	25	73.75	9								
20	12.5	22.5	18.75	73.75	10								
20	12.5	7.5	25	65.00	11								





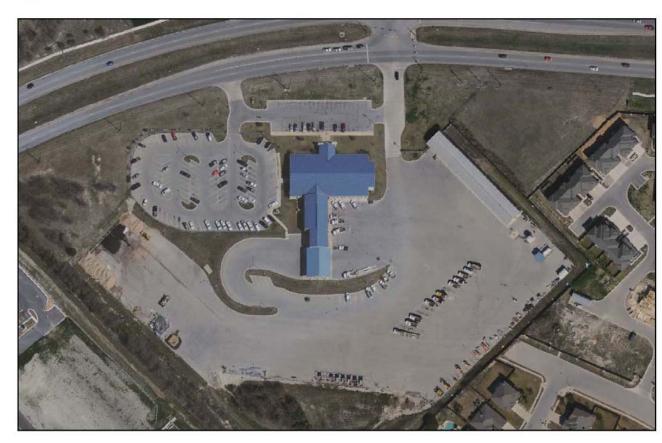


## Texas Department of Transportation Austin District North Travis Area Office



TxDOT - Austin District North Travis Area Office





#### Texas Department of Transportation Austin District

#### **Question and Answer Period**

# **FY 11-14**

# **Pavement Management Plan**

## October 2010

#### FY 11-14 Pavement Management Plan

#### **COMPLIANCE WITH RIDER 55**

(REPORTING PAVEMENT CONDITION SCORES ACHIEVED WITH APPROPRIATED FUNDS)

PLANNING FOR MAINTENANCE IN LONGER TERMS (CHANGE IN PARADIGM FOR MAINTENANCE SUPERVISORS/ENGINEERS)

□ RESULTS!!!!!

#### **Pavement Condition Improvements**

□ STATEWIDE PMIS SCORES

FY 2009 : 85.94 % GOOD OR BETTER FY 2010 : 86.99 % GOOD OR BETTER

□ <u>CONTRIBUTING FACTORS</u>

> ADD'L PAVEMENT PRESERVATION FUNDING (ARRA +Prop 12)

> PEER REVIEWS ( 5 OF 7 DISTRICTS REVIEWED IN 2009 IMPROVED SCORES)

> PENNIES TO THE PAVEMENT APPROACH IN MANAGING EXPENDITURES

> PLANNING MAINTENANCE STRATEGICALLY (RESULTS ORIENTED "Pavement Management Plan")

#### FY '11 – '14 PMP components

□ FY '11 – '14 FINANCIAL CONSTRAINT FOR ALL CATEGORIES OF FUNDING (UTP)

□ IDENTIFICATION OF ALL FY '11 – '14 PLANNED LETTING PROJECTS (P6 + non P6 spread sheet)

□ IDENTIFICATION OF MAINTENANCE PROJECTS AND EXPENDITURES (PMP SYSTEM) FINANCIALLY CONSTRAINED TO STR 105/144 BUDGETS

□ <u>CRITICAL:</u> TRM LIMITS AND WORK TYPE CODING

#### **Routine Maintenance**:

- Sealing Cracks
  - Edge Maintenance
  - Patching/Pothole Repair
  - Level-up
  - Strip/Spot seals
  - Milling
  - Joint Repair
  - Isolated Base repair
  - Concrete Repairs

#### **Preventive Maintenance:**

- Seal Coats (Chip Seals)
  Thin Overlays < 2"</li>
  - Micro-Surfacing

#### **Light Rehabilitation**

- 2'' < Overlays < 3''
- Widening pavement and Seal Coat
- Base repairs and Seal coat
- Mill, Seal and Thin Overlay

#### **Medium Rehabilitation**

- 3'' < Overlays < 5''
- Mill and Inlay (Mill and Fill)
- Mill, stabilize base and Seal
- Level up and overlay
- Base repairs and Overlay

#### **Heavy Rehabilitation**

- Full pavement reconstruction
- Bomag, add base and overlay or seal (2R)

## **Pavement Plan Review**

□ Four year work plan plotted on PMIS condition map

**Detail review of all projects and discrepancies by Peer Review group.** 

Review with DE, DOM and TPD
Previous work done
FY 11-14 Projects missing or mapped incorrectly
Duplicate projects or limit overlap
Distressed roads not in plan (District plan of action)

#### **Pavement Plan Review (Cont'd)**

#### **Results of review:**

>District identified project duplications, inconsistencies, etc.

District updated the project data bases (P6, PMP, spread sheets, etc) with correct work type definitions and TRM limits.

Districts able to identify additional projects for outer years (FY 13 and 14).

After corrections, plan will be re-plotted and CTR will re-run analysis.

## **Pavement Plan Review (Cont'd)**

**Findings and Observations of Peer Review Group:** 

**>DOM or DOO must know their system well and must know their plan.** 

Communication and coordination between TPD and DOM/DOO on the 4 year plan is critical

Project selection must have input from field sections and DOM/DOO overall concurrence/approval.

Districts must review their plan critically and must pay attention to details of the plan (financial constraint, project specific selection, TRM limits and proper coding)

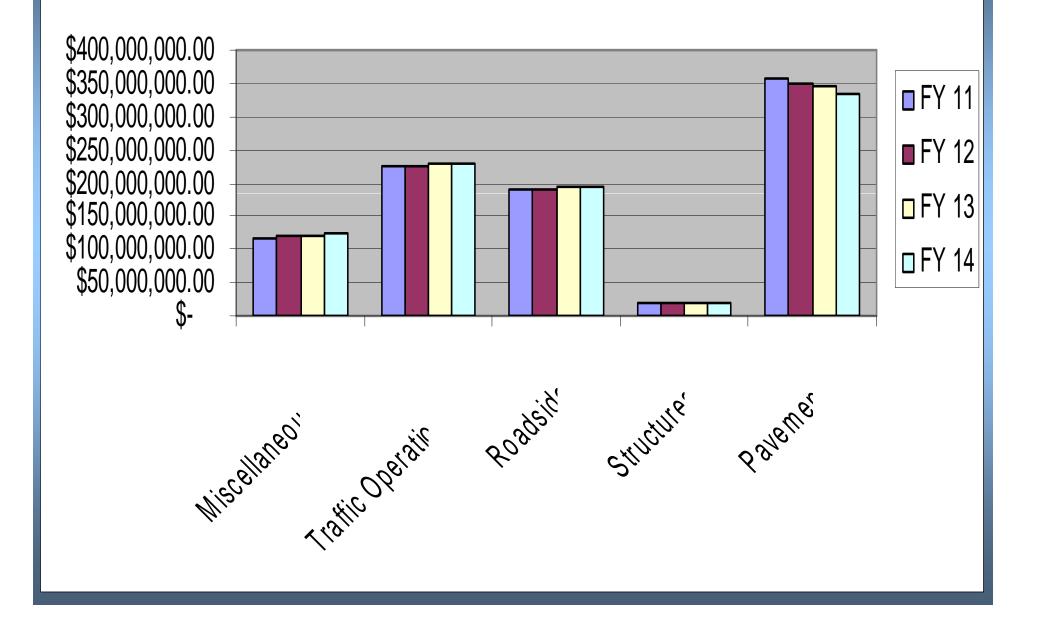
## **Pavement Projection Analysis**

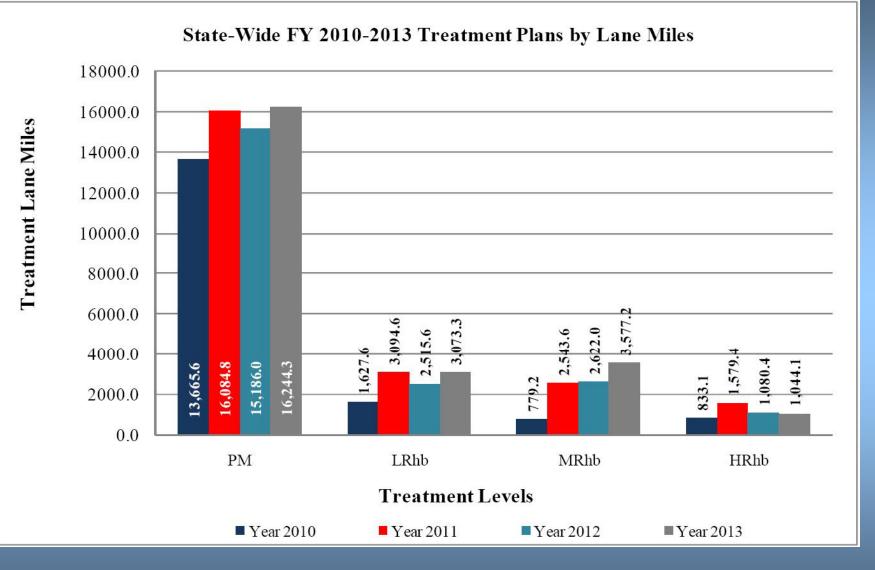
**CENTER FOR TRANSPORTATION RESEARCH (CTR)** 

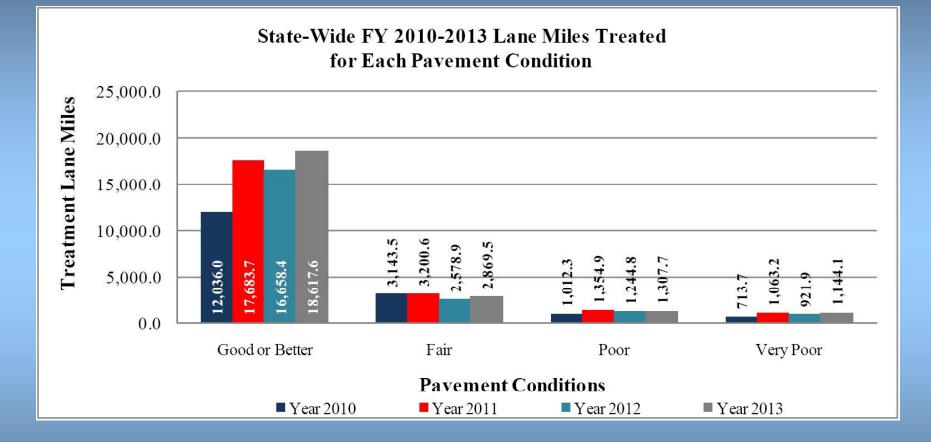
□ DETERIORATION MODEL BASED ON CLIMATIC ZONES, TYPE OF PAVEMENT STRUCTURE, TYPE OF HIGHWAY AND TREATMENT TYPE.

□ PREDICTS PMIS CONDITION SCORES WITH ANTICIPATED DETERIORATION OF SYSTEM

# FY 11-14 Maintenance Expenditures







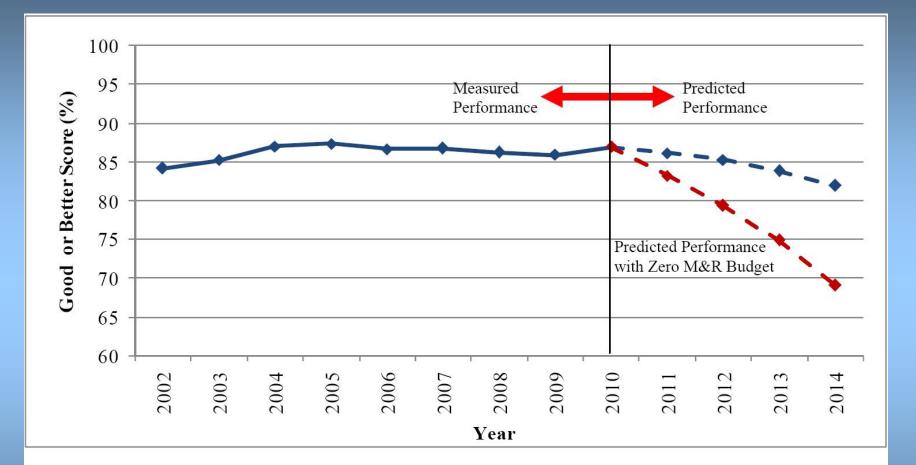


Figure 6. State-Wide Overall Pavement Performance for FY 2002-FY 2014

NAME:			D	front	Mark your seat
VEHICLE:				mid1 mid2	assignment
SECTION: 01				mid3 back	
Highway: Travel direction:	SL 111 south	Beginni Ending	-	I: 438 439	

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Roadside Score:** (include items such as vegetation management, trees and brush, drainage, sweeping, encroachment, guardrails, guardrail end treatment, mail boxes, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Ad	ditional comments:		

NAME:		D	fron	2
VEHICLE:			mid mid	2
SECTION: 02			mid bacl	
Highway: Travel direction:	FM 969 (MLK) east	Beginning TI Ending TRM		450 451

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
	1		

**Roadside Score:** (include items such as vegetation management, trees and brush, drainage, sweeping, encroachment, guardrails, guardrail end treatment, mail boxes, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Additi	onal comments:		

NAME:			TrontMark your seatnid1assignment
VEHICLE:		r	nid2
SECTION:	03		nid3 back
Highway: Travel directio	FM 969 on: east	Beginning TRM: Ending TRM:	454 455

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
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3	Meets expectations		
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5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Additi	onal comments:		

NAME:			FrontMark your seatnid1assignment
<b>VEHICLE:</b>			nid2 nid3
SECTION:	04	t	back
Highway: Travel direction	FM 3177 on: north	Beginning TRM: Ending TRM:	437 436

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Roadside Score:** (include items such as vegetation management, trees and brush, drainage, sweeping, encroachment, guardrails, guardrail end treatment, mail boxes, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Ad	ditional comments:		

<b>NAME:</b>			D	front	Mark your seat
VEHICLE:				mid1 mid2	assignment
SECTION: 05				mid3 back	
Highway: Travel direction:	FM 3177 north	Beginni Ending	-		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Roadside Score:** (include items such as vegetation management, trees and brush, drainage, sweeping, encroachment, guardrails, guardrail end treatment, mail boxes, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Ado	litional comments:		

NAME:		D	front Mark your seat
VEHICLE:			mid1 assignment mid2
SECTION:	06		mid3 back
Highway: Travel direction	US 290 on: west	Beginning TRM Ending TRM:	: 591 590

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Roadside Score:** (include items such as vegetation management, trees and brush, drainage, sweeping, encroachment, guardrails, guardrail end treatment, mail boxes, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Additi	onal comments:		

NAME:			front Mark your seat mid1 assignment
VEHICLE:			mid2
SECTION:	07		mid3 back
Highway: Travel direction	US 290 on: east	Beginning TRM Ending TRM:	: 590 591

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Roadside Score:** (include items such as vegetation management, trees and brush, drainage, sweeping, encroachment, guardrails, guardrail end treatment, mail boxes, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Ad	ditional comments:		

NAME:		D front Mark your seat mid1 assignment
VEHICLE:		mid2
SECTION:	08	mid3 back
Highway: Travel direction	US 290 n: east	Beginning TRM: 595 Ending TRM: 596

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Roadside Score:** (include items such as vegetation management, trees and brush, drainage, sweeping, encroachment, guardrails, guardrail end treatment, mail boxes, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Additi	onal comments:		

NAME:			D		front	Mark your seat
<b>VEHICLE:</b>		-	_		mid1 mid2	assignment
					mid3	
SECTION: 09					back	
Highway:	US 290	Beginnir	ng TH	RM	[: 601	
<b>Travel direction:</b>	east	Ending '	ΓRM	:	602	1

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
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**Roadside Score:** (include items such as vegetation management, trees and brush, drainage, sweeping, encroachment, guardrails, guardrail end treatment, mail boxes, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Additi	onal comments:		

NAME:			ont Mark your seat iid1 assignment
<b>VEHICLE:</b>		m	iid2
SECTION:	10		iid3 ack
Highway: Travel direction	FM 1100 on: north-west	Beginning TRM: Ending TRM:	557 556

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
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3	Meets expectations		
2	Below expectations		
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**Roadside Score:** (include items such as vegetation management, trees and brush, drainage, sweeping, encroachment, guardrails, guardrail end treatment, mail boxes, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Additi	onal comments:		

Highway: Travel direction:	FM 1704 south	Beginning T Ending TRI	: 439 44(	
SECTION: <u>11</u>			mid3 back	
VEHICLE:			mid2	assignment
NAME:		D	front mid1	Mark your seat assignment

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
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**Roadside Score:** (include items such as vegetation management, trees and brush, drainage, sweeping, encroachment, guardrails, guardrail end treatment, mail boxes, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Ad	ditional comments:		

NAME:		D	$\square$	front mid1	Mark your seat assignment
VEHICLE:				mid2	assignment
SECTION: <u>12</u>				mid3 back	
Highway: Travel direction:	SH 95 south-east	Beginning T Ending TR		[: 44] 44	-

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
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5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Additi	onal comments:		

NAME:		D front Mark your seat mid1 assignment
VEHICLE:		mid2
SECTION:	13	mid3 back
Highway: Travel direction	US 290 n: east	Beginning TRM: 610 Ending TRM: 611

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
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5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
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1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Ado	litional comments:		

NAME:		D	_	front mid1	Mark your seat assignment
<b>VEHICLE:</b>			1	mid2 mid3	
SECTION:	14			back	
Highway:	FM 696/619	Beginning T	RM:	566	

Travel direction: north

Ending TRM: 567

Pavement Score: (include items such as rutting, cracking, ride, edges, shoulder, failures, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
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**Roadside Score:** (include items such as vegetation management, trees and brush, drainage, sweeping, encroachment, guardrails, guardrail end treatment, mail boxes, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Ado	litional comments:		

NAME:			D	front mid1	Mark your seat assignment
VEHICLE:				mid2	ussignment
SECTION: 15				mid3 back	
Highway: Travel direction:	FM 619 north	Beginni Ending	-		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

4	Above expectations	
3	Meets expectations	
2	Below expectations	
1	Well Below Expectations	

**Roadside Score:** (include items such as vegetation management, trees and brush, drainage, sweeping, encroachment, guardrails, guardrail end treatment, mail boxes, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
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2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Additi	onal comments:		

NAME:			front Mark your seat
VEHICLE:			mid1 assignment mid2
SECTION:	16		mid3 back
Highway: Travel direction	FM 619 n: north	Beginning TRM Ending TRM:	: 434 433

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
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5	Well above expectations	Comments:	
4	Above expectations		
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1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Additi	onal comments:		

NAME:		D front Mark your seat mid1 assignment
<b>VEHICLE:</b>		mid2 mid3
SECTION:	17	back
Highway:	CR 473	Beginning TRM: FM 619

Travel direction: east

Ending TRM: +1 mile

Pavement Score: (include items such as rutting, cracking, ride, edges, shoulder, failures, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
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**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

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5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Ad	ditional comments:		

VEHICLE:	mid1 assignment mid2
SECTION: 18	mid3 back
Highway: CR 479	Beginning TRM: CR 492

Travel direction: east Ending TRM: + 1 mile

Pavement Score: (include items such as rutting, cracking, ride, edges, shoulder, failures, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

Traffic Operations Score: (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
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5	Well above expectations	Comments:	
4	Above expectations		
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2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Ad	ditional comments:		

- Highway: Travel direction	FM 112 n: south-east	Beginning TRM: Ending TRM:	571 572
SECTION:	19		mid3 back
VEHICLE:		I	mid2
NAME:			frontMark your seatmid1assignment

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

Э	Well above expectations	Comments:	
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2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Ad	ditional comments:		

NAME:		D		front mid1	Mark your seat assignment
VEHICLE:				mid2 mid3	ussignment
SECTION: 20				back	
Highway: Travel direction:	FM 486 north-west	Beginning Ending T	-	I: 520 519	

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
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2	Below expectations		
1	Well Below Expectations		

**Roadside Score:** (include items such as vegetation management, trees and brush, drainage, sweeping, encroachment, guardrails, guardrail end treatment, mail boxes, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Ade	litional comments:		

NAME:		D	front mid1	Mark your seat assignment
VEHICLE:			mid2 mid3	ussignment
SECTION: 21	1		back	
Highway: Travel direction:	US 79 south-west	Beginning TR Ending TRM:		537 538

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Roadside Score:** (include items such as vegetation management, trees and brush, drainage, sweeping, encroachment, guardrails, guardrail end treatment, mail boxes, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Ad	ditional comments:		

NAME:			front Mark your seat mid1 assignment
VEHICLE:			mid2 mid3
SECTION:	22		back
Highway: Travel direction	US 79 n: South-west	Beginning TRM Ending TRM:	: 542 543

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Roadside Score:** (include items such as vegetation management, trees and brush, drainage, sweeping, encroachment, guardrails, guardrail end treatment, mail boxes, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Ad	ditional comments:		

Travel direction:	south west	Ending TRM		548
Highway:	US 79 (loop)	Beginning TF	RM:	547
SECTION: 23			bac	k
			mid	13
<b>VEHICLE:</b>			mid	•
			mid	•
NAME:		D	fror	nt Mark your seat

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Roadside Score:** (include items such as vegetation management, trees and brush, drainage, sweeping, encroachment, guardrails, guardrail end treatment, mail boxes, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Ad	ditional comments:		

NAME:			ont Mark your seat
VEHICLE:		m	id1 assignment id2
SECTION:	24		id3 .ck
Highway: Travel directio	SH 95 on: south	Beginning TRM: Ending TRM:	423 424

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Roadside Score:** (include items such as vegetation management, trees and brush, drainage, sweeping, encroachment, guardrails, guardrail end treatment, mail boxes, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Ado	litional comments:		

NAME:		D from	2
VEHICLE:		mid	12
SECTION:	25	mid bac	
Highway: Travel directio	SH 95 n: south	Beginning TRM: Ending TRM:	425 426

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Roadside Score:** (include items such as vegetation management, trees and brush, drainage, sweeping, encroachment, guardrails, guardrail end treatment, mail boxes, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Additi	onal comments:		

NAME:		D front Mark your seat mid1 assignment
VEHICLE:		mid2
SECTION:	26	mid3 back
Highway: Travel directio	FM 1466 on: east	Beginning TRM: 557 Ending TRM: 558

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Roadside Score:** (include items such as vegetation management, trees and brush, drainage, sweeping, encroachment, guardrails, guardrail end treatment, mail boxes, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Ad	ditional comments:		

Highway:	FM 1660	Beginni	ng T	RN	1: SH	[ 95
SECTION:	27				back	
_					mid3	
<b>VEHICLE:</b>					mid2	
—					mid1	assignment
NAME:			D		front	Mark your seat

Travel direction: west Ending TRM: + 1 mile

Pavement Score: (include items such as rutting, cracking, ride, edges, shoulder, failures, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

Traffic Operations Score: (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

Roadside Score: (include items such as vegetation management, trees and brush, drainage, sweeping, encroachment, guardrails, guardrail end treatment, mail boxes, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Ad	Additional comments:		

NAME:		D	front Mark your seat mid1 assignment
VEHICLE:			mid2
SECTION:	28		mid3 back
Highway: Travel directio	FM 1660 on: west	Beginning TRM Ending TRM:	: 427 426

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Roadside Score:** (include items such as vegetation management, trees and brush, drainage, sweeping, encroachment, guardrails, guardrail end treatment, mail boxes, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Ade	litional comments:		

NAME:			D	front mid1	Mark your seat assignment
VEHICLE:				mid2 mid3	ussignment
SECTION: 29				back	
Highway: Travel direction:	US 79 south-west	Beginni Ending	0		60 61

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Roadside Score:** (include items such as vegetation management, trees and brush, drainage, sweeping, encroachment, guardrails, guardrail end treatment, mail boxes, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Ad	ditional comments:		

NAME:			front Mark your seat mid1 assignment
VEHICLE:			mid2 mid3
SECTION: <u>3</u>	0		back
Highway: Travel direction	US 79 : west	Beginning TRM: Ending TRM:	: 563 564

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Roadside Score:** (include items such as vegetation management, trees and brush, drainage, sweeping, encroachment, guardrails, guardrail end treatment, mail boxes, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Additi	onal comments:		

NAME:	D front Mark your seat mid1 assignment
VEHICLE:	mid2
SECTION: <u>31</u>	mid3 back
Highway: IH 35 Travel direction: south	Beginning TRM: 251 Ending TRM: 250

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Roadside Score:** (include items such as vegetation management, trees and brush, drainage, sweeping, encroachment, guardrails, guardrail end treatment, mail boxes, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Additi	onal comments:		

NAME:		D	front mid1	Mark your seat assignment
VEHICLE:			mid1 mid2 mid3	ussignment
SECTION: <u>32</u>			back	
Highway: Travel direction:	IH 35 south	Beginning TRM Ending TRM:	[: 249 248	

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Roadside Score:** (include items such as vegetation management, trees and brush, drainage, sweeping, encroachment, guardrails, guardrail end treatment, mail boxes, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Ado	litional comments:		

NAME:		D	front Mark your seat mid1 assignment
<b>VEHICLE:</b>			mid2 mid3
SECTION:	33		back
Highway:	IH 35 (Frontage)	Beginning TRM	I: 244

Travel direction: south

Ending TRM: 243

Pavement Score: (include items such as rutting, cracking, ride, edges, shoulder, failures, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
1	Wen Berow Expectations		

**Roadside Score:** (include items such as vegetation management, trees and brush, drainage, sweeping, encroachment, guardrails, guardrail end treatment, mail boxes, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Ad	ditional comments:		

NAME:			D	front mid1	Mark your seat assignment
VEHICLE:				mid2	assignment
SECTION: <u>3</u>	4			mid3 back	
Highway: Travel direction	IH 35 : south	Beginnir Ending 7	-	I: 239 238	

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Roadside Score:** (include items such as vegetation management, trees and brush, drainage, sweeping, encroachment, guardrails, guardrail end treatment, mail boxes, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Additi	onal comments:		

NAME:	D	front	Mark
		mid1	assign
<b>VEHICLE:</b>		mid2	
		mid3	
<b>SECTION:</b>		back	
	. <u> </u>	 •	

Highway: Travel direction: Beginning TRM: Ending TRM:

Pavement Score: (include items such as rutting, cracking, ride, edges, shoulder, failures, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Roadside Score:** (include items such as vegetation management, trees and brush, drainage, sweeping, encroachment, guardrails, guardrail end treatment, mail boxes, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Ad	ditional comments:		

NAME:	D	front	Mark
		mid1	assign
<b>VEHICLE:</b>		mid2	
		mid3	
<b>SECTION:</b>		back	
	. <u> </u>	 •	

Highway: Travel direction: Beginning TRM: Ending TRM:

Pavement Score: (include items such as rutting, cracking, ride, edges, shoulder, failures, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Roadside Score:** (include items such as vegetation management, trees and brush, drainage, sweeping, encroachment, guardrails, guardrail end treatment, mail boxes, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Ad	ditional comments:		

NAME:	D	front	Mark
		mid1	assign
<b>VEHICLE:</b>		mid2	
		mid3	
<b>SECTION:</b>		back	
	. <u> </u>	 •	

Highway: Travel direction: Beginning TRM: Ending TRM:

Pavement Score: (include items such as rutting, cracking, ride, edges, shoulder, failures, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Roadside Score:** (include items such as vegetation management, trees and brush, drainage, sweeping, encroachment, guardrails, guardrail end treatment, mail boxes, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Ad	ditional comments:		

NAME:	D	front	Mark
		mid1	assign
<b>VEHICLE:</b>		mid2	
		mid3	
<b>SECTION:</b>		back	
	. <u> </u>	 •	

Highway: Travel direction: Beginning TRM: Ending TRM:

Pavement Score: (include items such as rutting, cracking, ride, edges, shoulder, failures, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Traffic Operations Score:** (include items such as raised pavement markers, striping, attenuators, delineators, shoulder texturing, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

**Roadside Score:** (include items such as vegetation management, trees and brush, drainage, sweeping, encroachment, guardrails, guardrail end treatment, mail boxes, etc.)

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		

5	Well above expectations	Comments:	
4	Above expectations		
3	Meets expectations		
2	Below expectations		
1	Well Below Expectations		
Ad	ditional comments:		

## Road Rally Van Passenger Assignments Wednesday - October 6, 2010

VAN 1 T3218-H - Ford 8 Passenger Van w/lightbar (6) (3) TxDOT Driver
Jorge Prozzi (CTR – UT)
Steve Takigawa – California
Wayne Rehnborg (AUS – MNT)
Dennis Cooley (DE – Lufkin - PMC)
James Williams (AUS – Advanced Planning)

VAN 2 3235-H - Chevrolet 7 Passenger Van (no lightbar) (6) (3) TxDOT driver
Ambarish Banerjee (CTR –UT) Roy Rissky - Kansas
Lynn Passmore (DE Brownwood - PMC) Neal Munn (MNT)

VAN 3 3202-H - Dodge Caravan w/lightbar - 7 passenger (6) (4) TxDOT driver
Seokho Chi (CTR – UT) Jennifer Brandenburg – North Carolina Lonnie Gregorcyk – (DE Yoakum - PMC) Lowell Choate (AUS MNT – PMC) Sylvia Medina (RTI)

VAN 4 3234-F - Dodge 15 Passenger Van (w/ portable Lightbar) (13) (7)
TxDOT driver
Mike Murphy (CTR – UT)
David Bierschbach – Washington State
Robert Blackwell (MNT)
Jamie Witten (AUS – MNT)
Terron Evertson (AUS – Admin)
David Casteel (TxDOT Admin) \*\*
Magdy Mikhail – (CST – M&P)
Gary Lantrip (AUS – ENV)
John Sabala (SPP)

VAN 5 3236-H Chevrolet 7 Passenger Van (w/ portable light bar) (7) (6) TxDOT Driver
Lu Gao - CTR
Zhanmin Zhang - CTR
Eric Pitts - Georgia
Tammy Sims (MNT - PD)
Mario Jorge (DE Pharr - PMC)
Epi Gonzalez (Pharr)

VAN 6 3233-H - Dodge Caravan w/lightbar - 7 passenger (6) (5) TxDOT driver Yetkin Yildirim Jim Carney - Missouri Toribio Garza (MNT – Director / PMC) Mike Arellano (AUS – DPE)\*\* Jeff Seiders (CST – PMC)

\*\* Invited but unconfirmed

(6) (5) – first number = number of van occupants. Second number in blue = number of Day 2 attendees at North Austin Area Office tour and presentations.

