



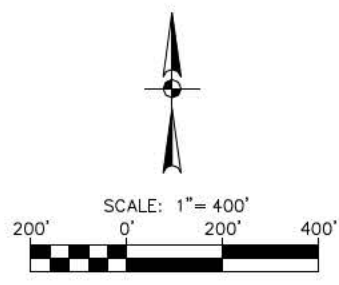
**HIGHWAY FACTORS GROUP CHAIRMAN'S
FACTUAL REPORT**

Highway Attachment – Plan & Profile Sheets with Curve Data and Superelevation

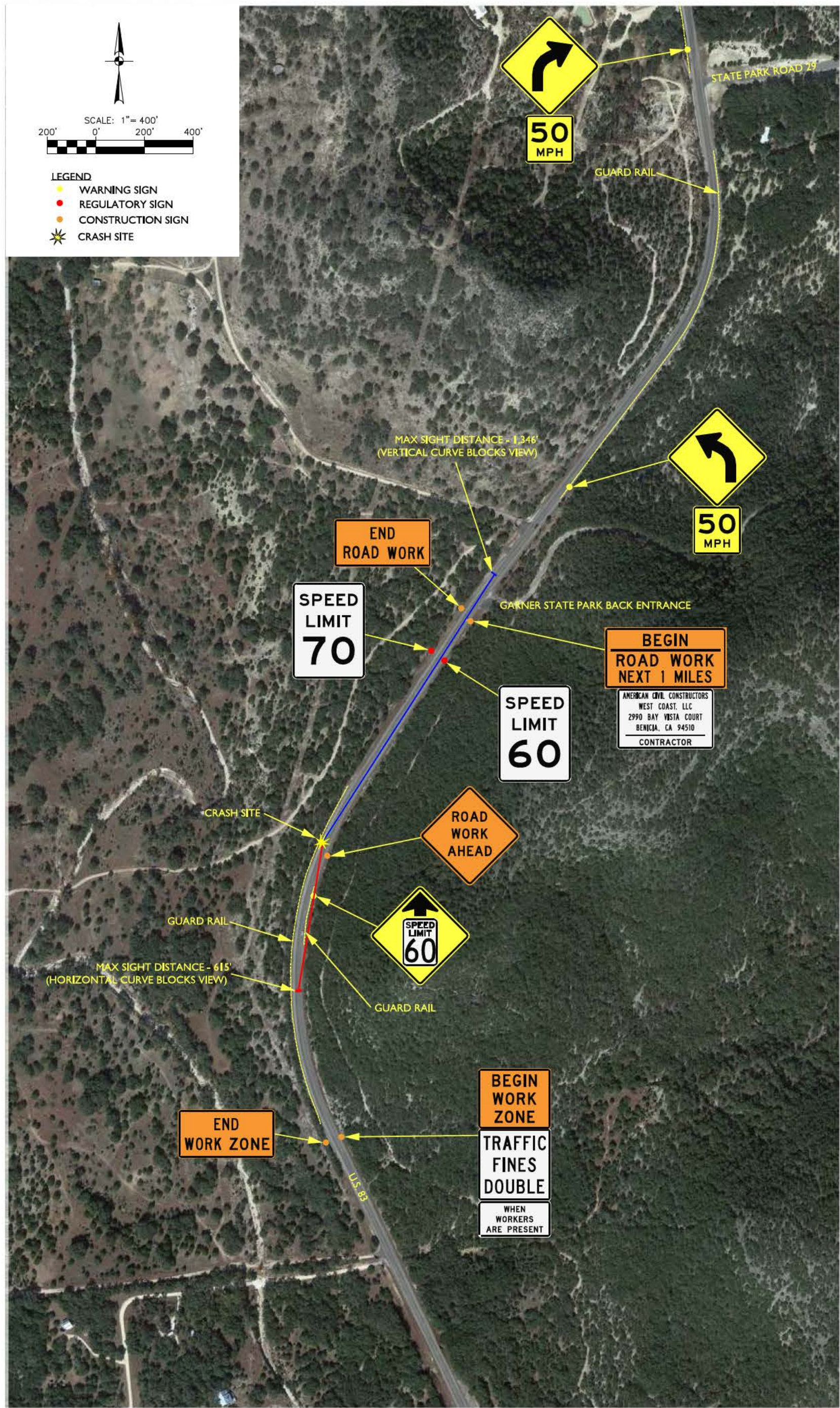
Concan, Texas

HWY17MH011

(67 pages)



- LEGEND**
- WARNING SIGN
 - REGULATORY SIGN
 - CONSTRUCTION SIGN
 - ★ CRASH SITE



U.S. 83 CRASH SITE
 COUNTY OF UVALDE, TEXAS
 FIELD INVESTIGATION - 04/04/2017



RIEKER inc.

Safe Curve Speed Analysis Report

Curve Name: US-83, Concan, TX 78838

Corridor Name:

Posted Speed: 65

Created by: [REDACTED]

Lateral Friction Limit: 12 °

Analysis Summary

Pass #	Curve Direction	Travel Direction	Point of Curvature		Point of Tangent		Fit	Average Test Speed	Curve Radius	Curve Length	Deflection Angle	Curve Class.	Elevation at Apex	Curve Grade	Min. Calculated Advisory Speed	Recommended Advisory Speed
			Latitude	Longitude	Latitude	Longitude										
1	Right	NE	29.57703 °	-99.75163 °	29.58178 °	-99.75123 °	99.9 %	51.0 mph	1,364 ft	1,871 ft	66 °	F	9.6 %	B	78.8 mph	75 mph
2	Left	S	29.58184 °	-99.75126 °	29.57699 °	-99.75166 °	99.7 %	50.9 mph	1,382 ft	1,903 ft	66 °	F	5.9 %	B	74.4 mph	70 mph
3	Right	NE	29.57701 °	-99.75161 °	29.58178 °	-99.75123 °	99.8 %	56.8 mph	1,367 ft	1,897 ft	66 °	F	9.2 %	B	78.4 mph	75 mph
4	Left	S	29.58183 °	-99.75126 °	29.57698 °	-99.75164 °	99.8 %	54.2 mph	1,377 ft	1,908 ft	66 °	F	5.9 %	B	74.2 mph	70 mph
5	Right	NE	29.57701 °	-99.75161 °	29.58178 °	-99.75122 °	99.9 %	51.7 mph	1,363 ft	1,869 ft	66 °	F	9.5 %	B	78.6 mph	75 mph
6	Left	S	29.58182 °	-99.75125 °	29.57700 °	-99.75165 °	100.0 %	54.4 mph	1,384 ft	1,889 ft	65 °	F	5.7 %	B	74.2 mph	70 mph

Sign placement summary

Pass #	Differential	Curve Sign	Curve Sign Requirements	Advisory Speed Sign	Speed Sign Requirements	Chevron Sign	Chevron Spacing	Chevron Requirements	Note
1	N/A	W1-2	none	75 mph	none	W1-8	200 ft	none	The Recommended Advisory Speed for this pass is at or above the posted speed limit
2	N/A	W1-2	none	70 mph	none	W1-8	200 ft	none	The Recommended Advisory Speed for this pass is at or above the posted speed limit
3	N/A	W1-2	none	75 mph	none	W1-8	200 ft	none	The Recommended Advisory Speed for this pass is at or above the posted speed limit
4	N/A	W1-2	none	70 mph	none	W1-8	200 ft	none	The Recommended Advisory Speed for this pass is at or above the posted speed limit
5	N/A	W1-2	none	75 mph	none	W1-8	200 ft	none	The Recommended Advisory Speed for this pass is at or above the posted speed limit

This report is an output from the Rieker® Curve Advisory Reporting Service (CARSTM)

Rieker® and CARSTM are Registered Trademarks of Rieker, Inc. Copyright ©2002-2014 Rieker® Inc. All Rights Reserved.



RIEKER inc.

Safe Curve Speed Analysis Report

6	N/A	W1-2	none	70 mph	none	W1-8	200 ft	none	The Recommended Advisory Speed for this pass is at or above the posted speed limit
---	-----	------	------	--------	------	------	--------	------	--



RIEKER inc.

Safe Curve Speed Analysis Report

Data Session Summary - US-83, Concan, TX 78838

Pass #	Data Session File Name	Collected On	Collected By	Corridor Name	Prior Calibration	Subsequent Calibration
1	[REDACTED] 2017/04/06 11:31:37	04/06/17 11:31	[REDACTED]		N/A	Passed on 04/06/17 13:15
2	[REDACTED] 2017/04/06 11:31:37	04/06/17 11:31	[REDACTED]		N/A	Passed on 04/06/17 13:15
3	[REDACTED] 2017/04/06 11:31:37	04/06/17 11:31	[REDACTED]		N/A	Passed on 04/06/17 13:15
4	[REDACTED] 2017/04/06 11:31:37	04/06/17 11:31	[REDACTED]		N/A	Passed on 04/06/17 13:15
5	[REDACTED] 2017/04/06 11:31:37	04/06/17 11:31	[REDACTED]		N/A	Passed on 04/06/17 13:15
6	[REDACTED] 2017/04/06 11:31:37	04/06/17 11:31	[REDACTED]		N/A	Passed on 04/06/17 13:15



RIEKER inc.

Safe Curve Speed Analysis Report

Map reference - US-83, Concan, TX 78838

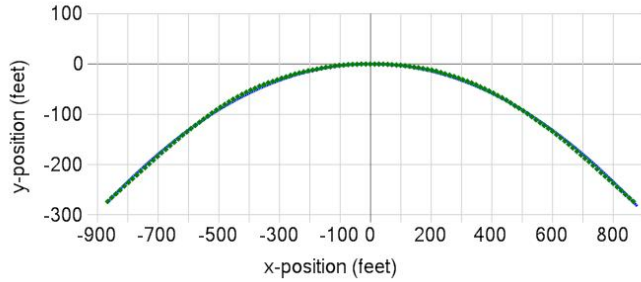




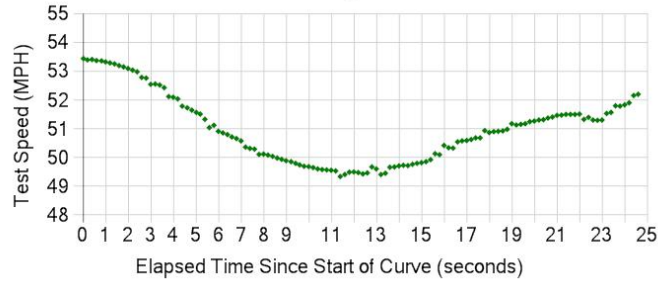
Safe Curve Speed Analysis Report

US-83, Concan, TX 78838 pass 1

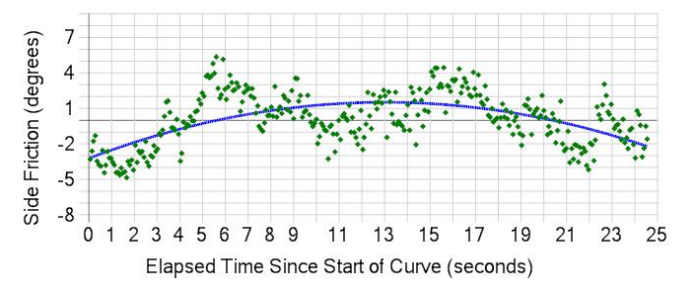
Actual Data and Modeled Curve



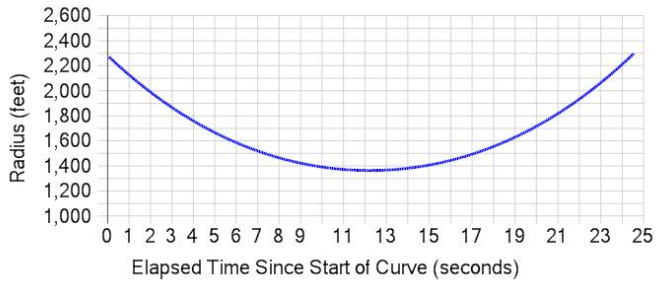
Test Speed



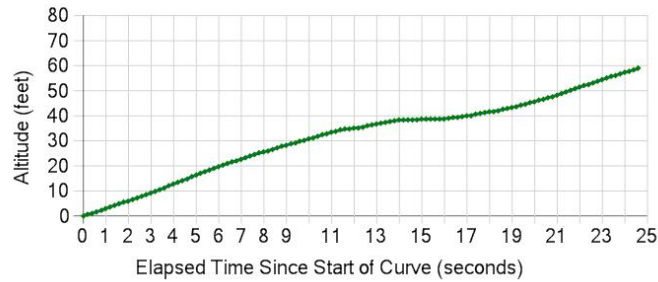
Side Friction



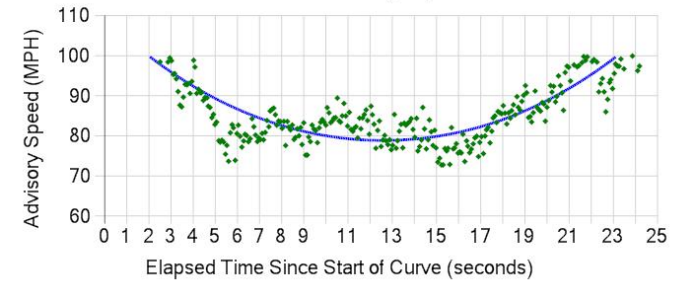
Curve Radius



Vertical Data



Curve Advisory Speed

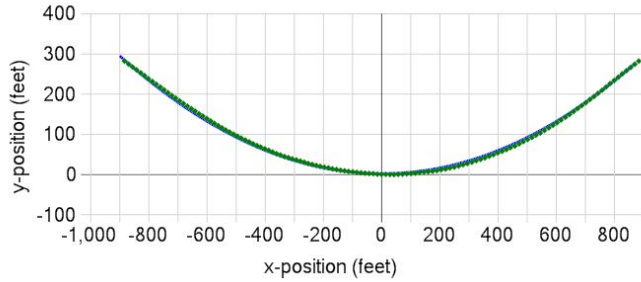




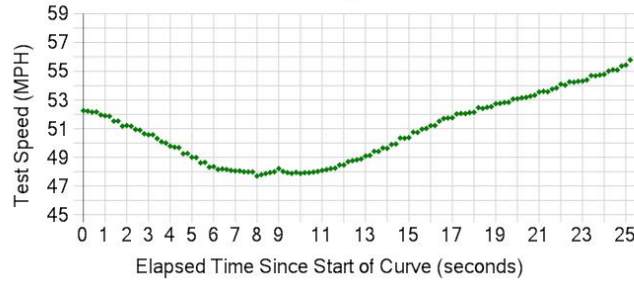
Safe Curve Speed Analysis Report

US-83, Concan, TX 78838 pass 2

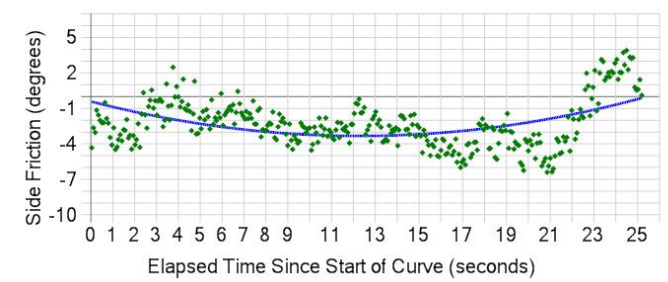
Actual Data and Modeled Curve



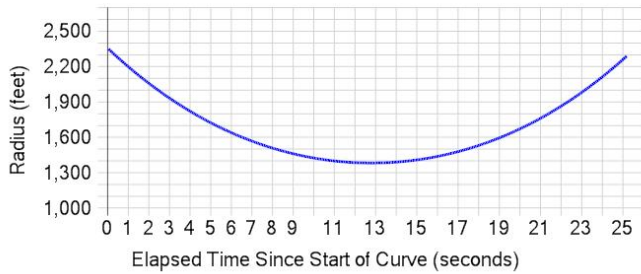
Test Speed



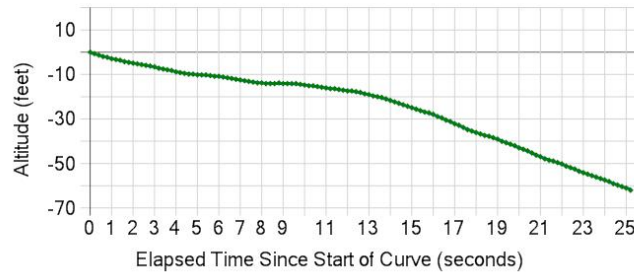
Side Friction



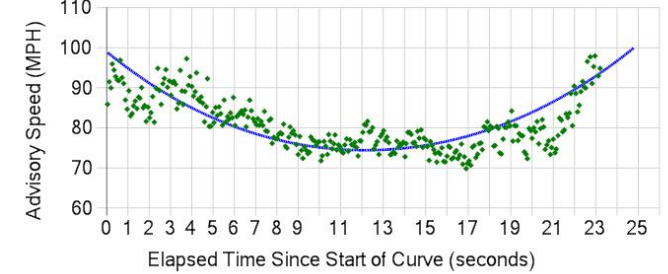
Curve Radius



Vertical Data



Curve Advisory Speed

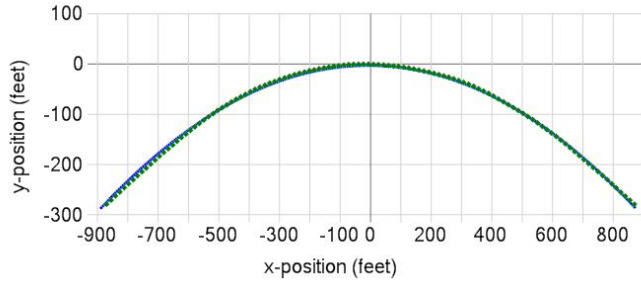




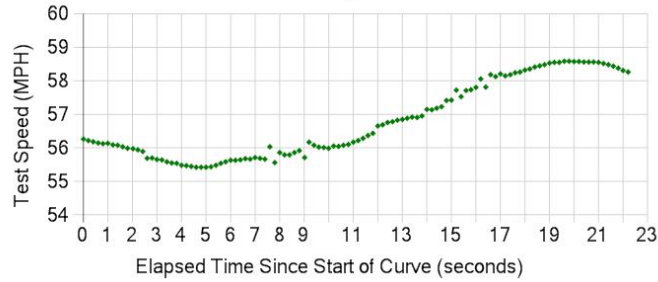
Safe Curve Speed Analysis Report

US-83, Concan, TX 78838 pass 3

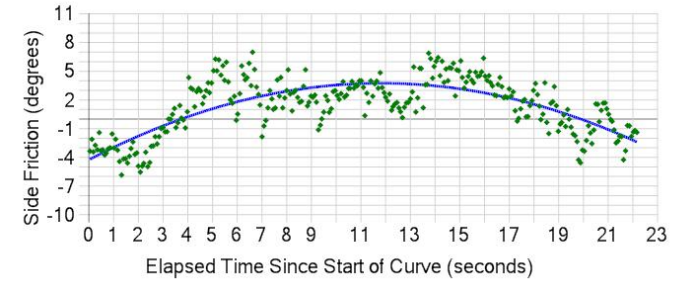
Actual Data and Modeled Curve



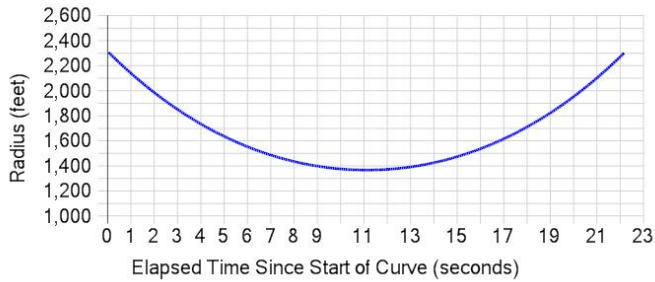
Test Speed



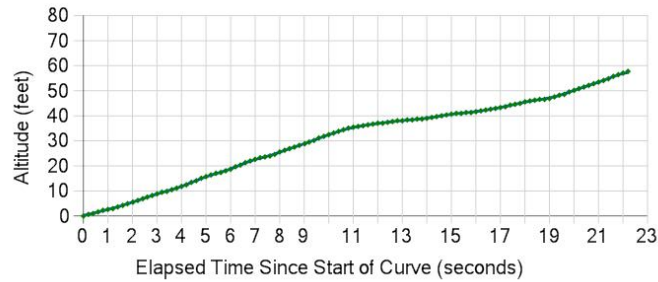
Side Friction



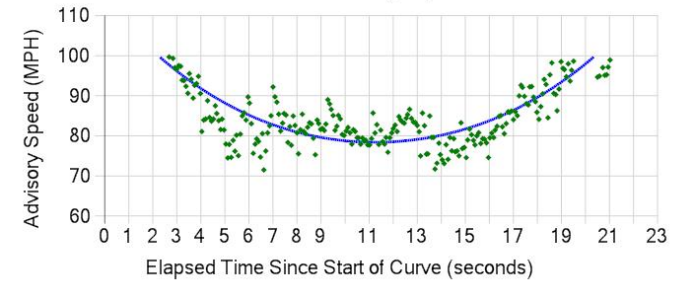
Curve Radius



Vertical Data



Curve Advisory Speed

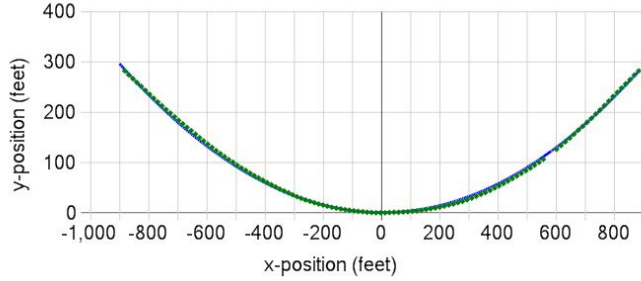




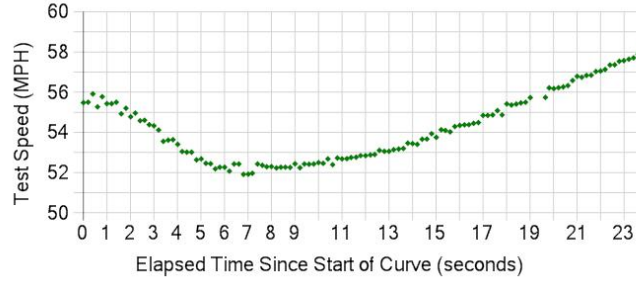
Safe Curve Speed Analysis Report

US-83, Concan, TX 78838 pass 4

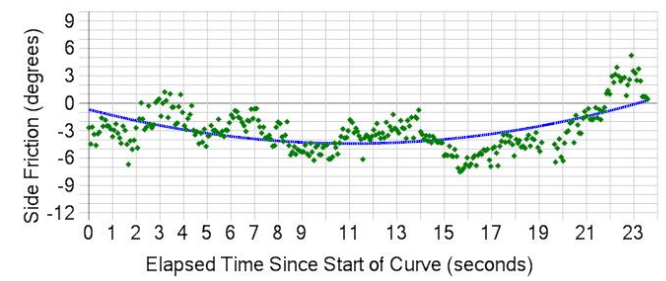
Actual Data and Modeled Curve



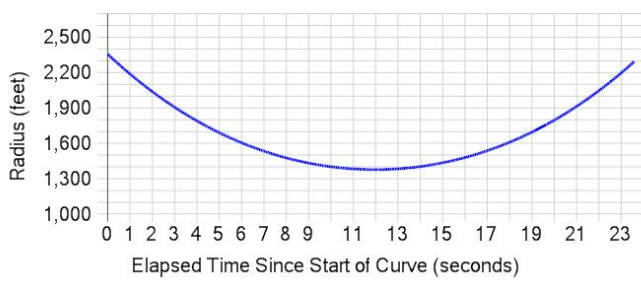
Test Speed



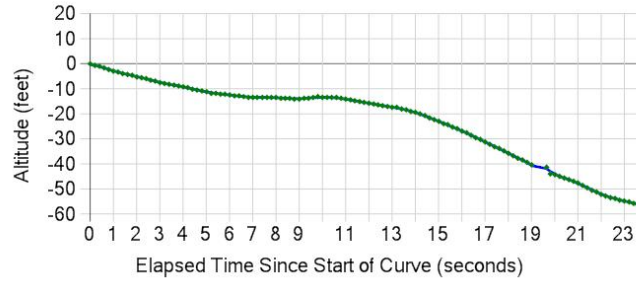
Side Friction



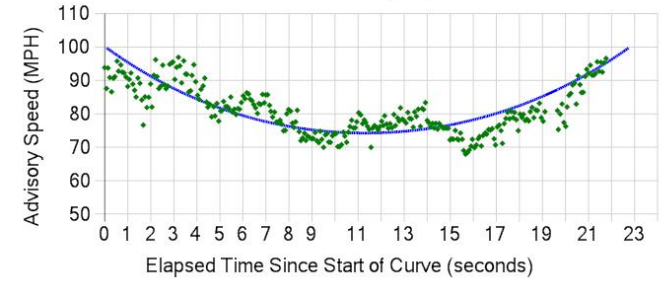
Curve Radius



Vertical Data



Curve Advisory Speed

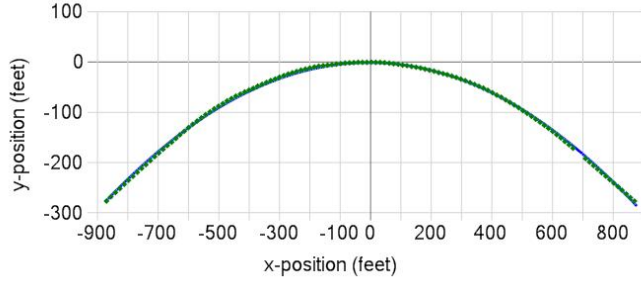




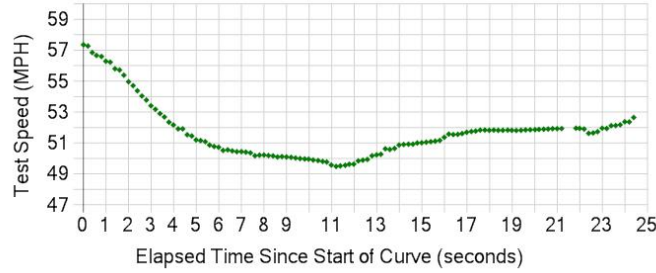
Safe Curve Speed Analysis Report

US-83, Concan, TX 78838 pass 5

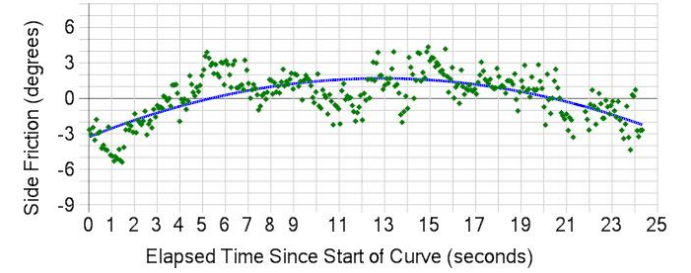
Actual Data and Modeled Curve



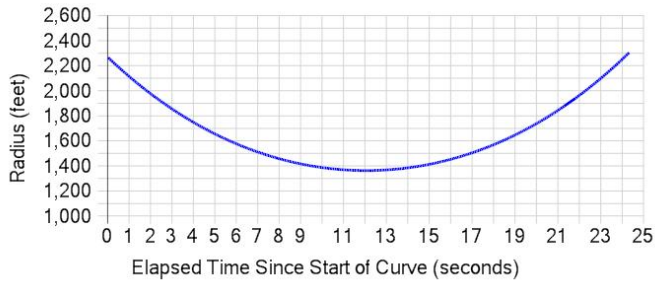
Test Speed



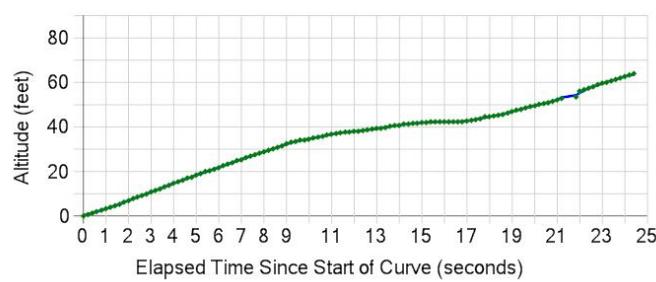
Side Friction



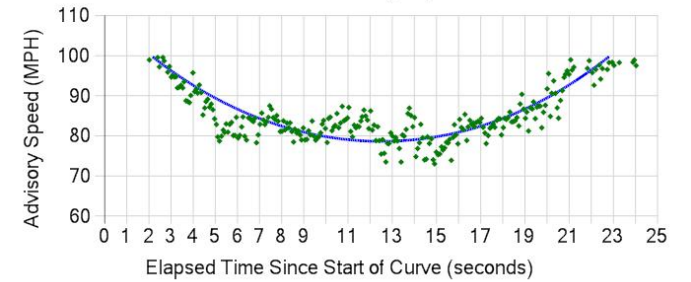
Curve Radius



Vertical Data



Curve Advisory Speed

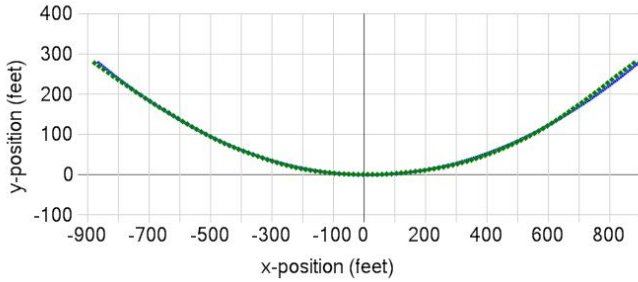




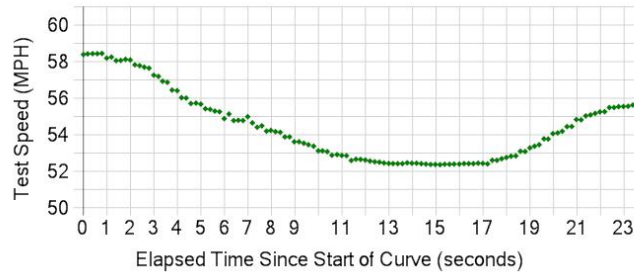
Safe Curve Speed Analysis Report

US-83, Concan, TX 78838 pass 6

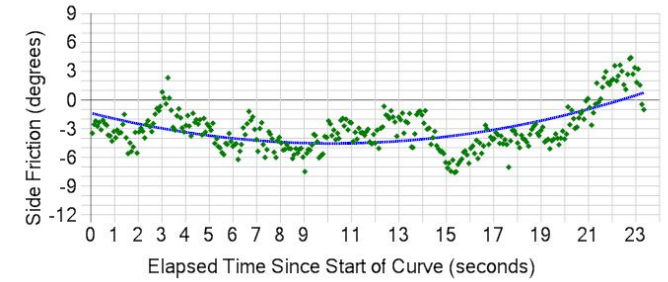
Actual Data and Modeled Curve



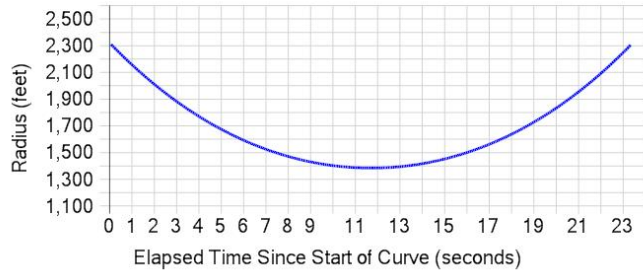
Test Speed



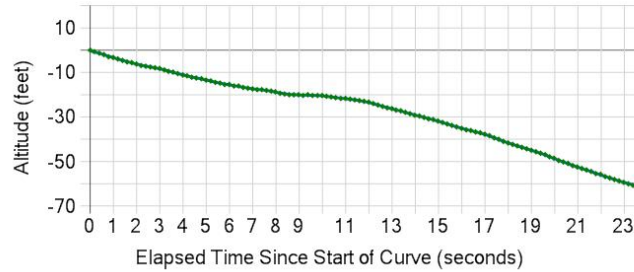
Side Friction



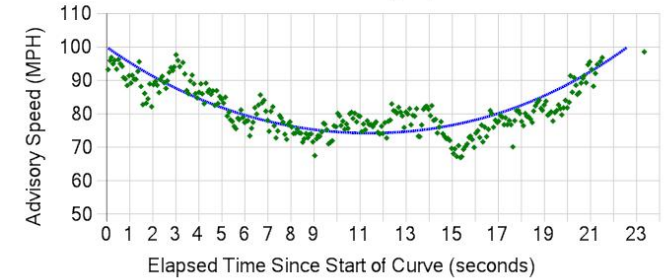
Curve Radius



Vertical Data



Curve Advisory Speed



Ball Bank Indicator Readings

Highway: US 83
County: Uvalde
Curve Lat/Long from 29.582779,-99.750459
Curve Lat/Long to 29.574586,-99.750330
Vehicle: Eq 5853H, 2004 Ford F150 Ext

Direction of Travel	Regulatory Speed	Speed Traveled	Left	Right
Northbound	70	70	-0.41°	1.74°
Southbound	70	70	-2.57°	0.05°

Ball Bank Indicator Readings

Highway: US 83
County: Uvalde
Curve Lat/Long from 29.582779,-99.750459
Curve Lat/Long to 29.574586,-99.750330
Vehicle: Eq 5853H, 2004 Ford F150 Ext

Direction of Travel	Regulatory Speed	Speed Traveled	Left	Right
Northbound	70	70	-0.41°	1.74°
Southbound	70	70	-2.57°	0.05°

Texas Department of Transportation

San Antonio District

US 83, Uvalde County

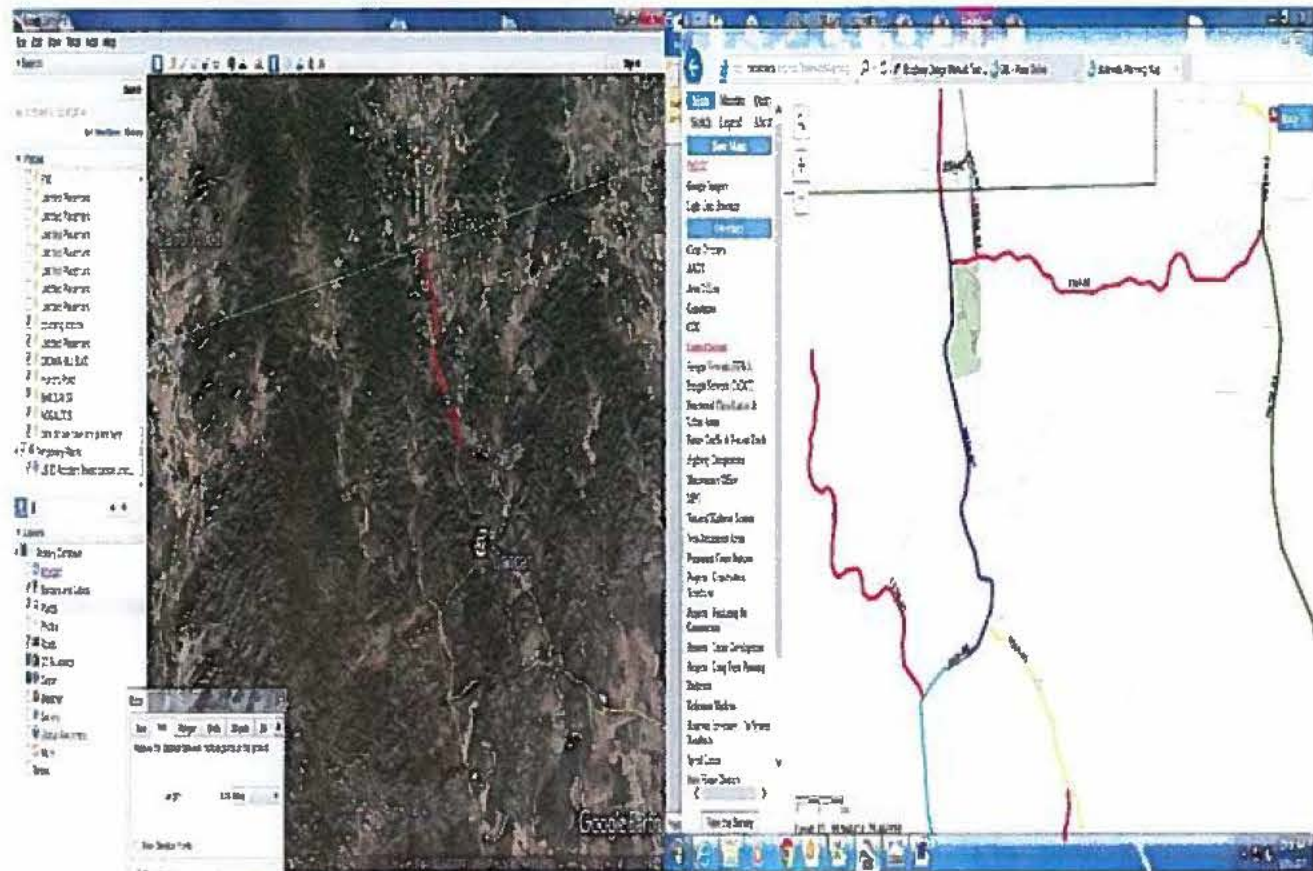
Miscellaneous Data and History of Roadway Construction

From: Uvalde/Real County Line

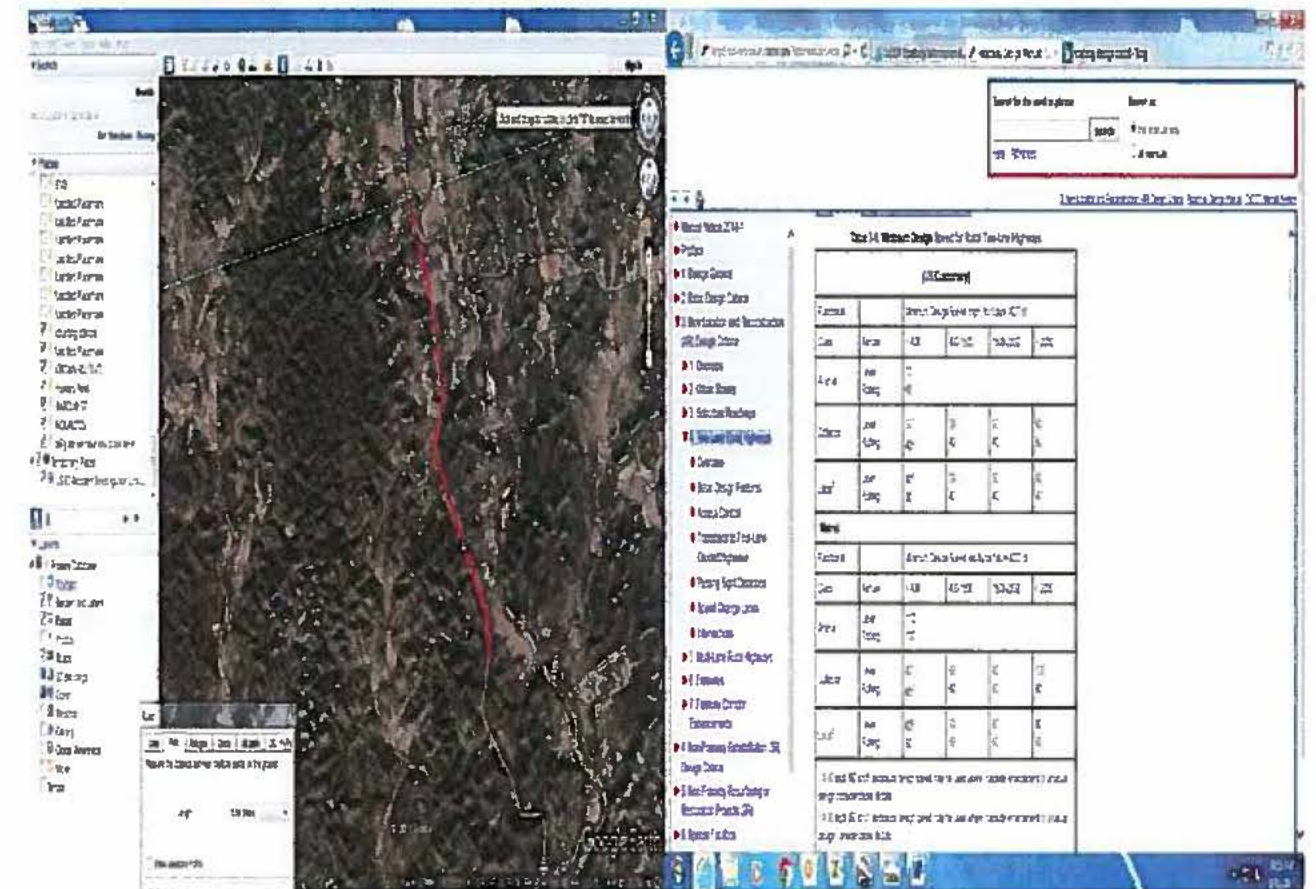
To: 3.5 Miles North of SH 127

Re: Vehicle Accident Located at 0.6 Miles North of State Reference Marker 554

Miscellaneous Design Data



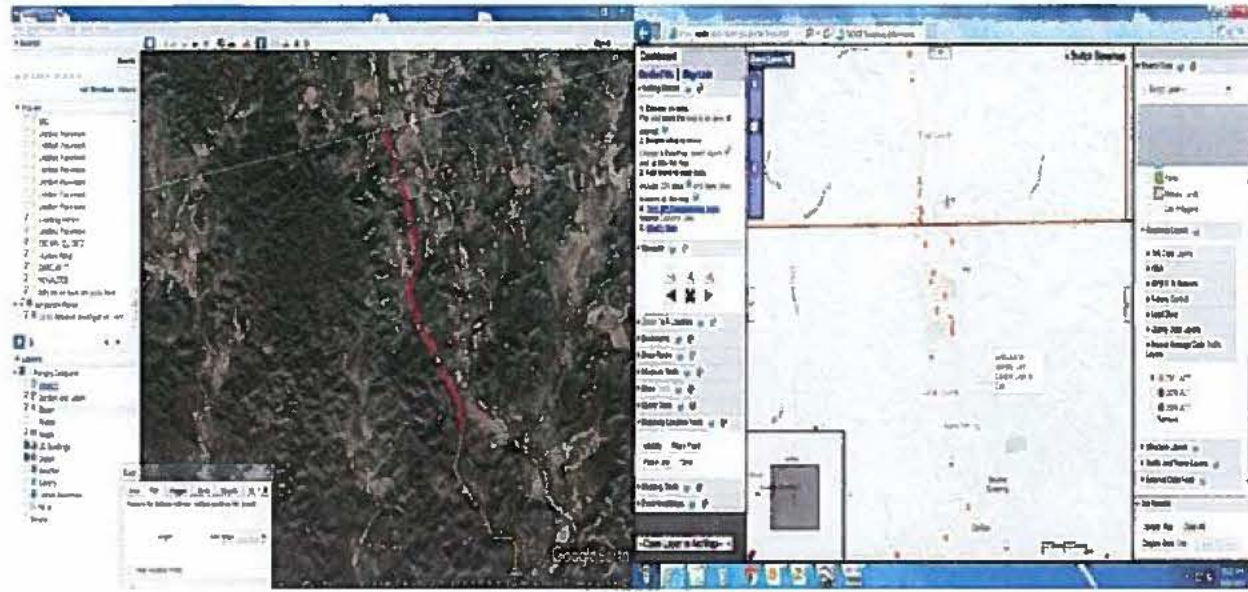
CONTROL SECTION 0036-07



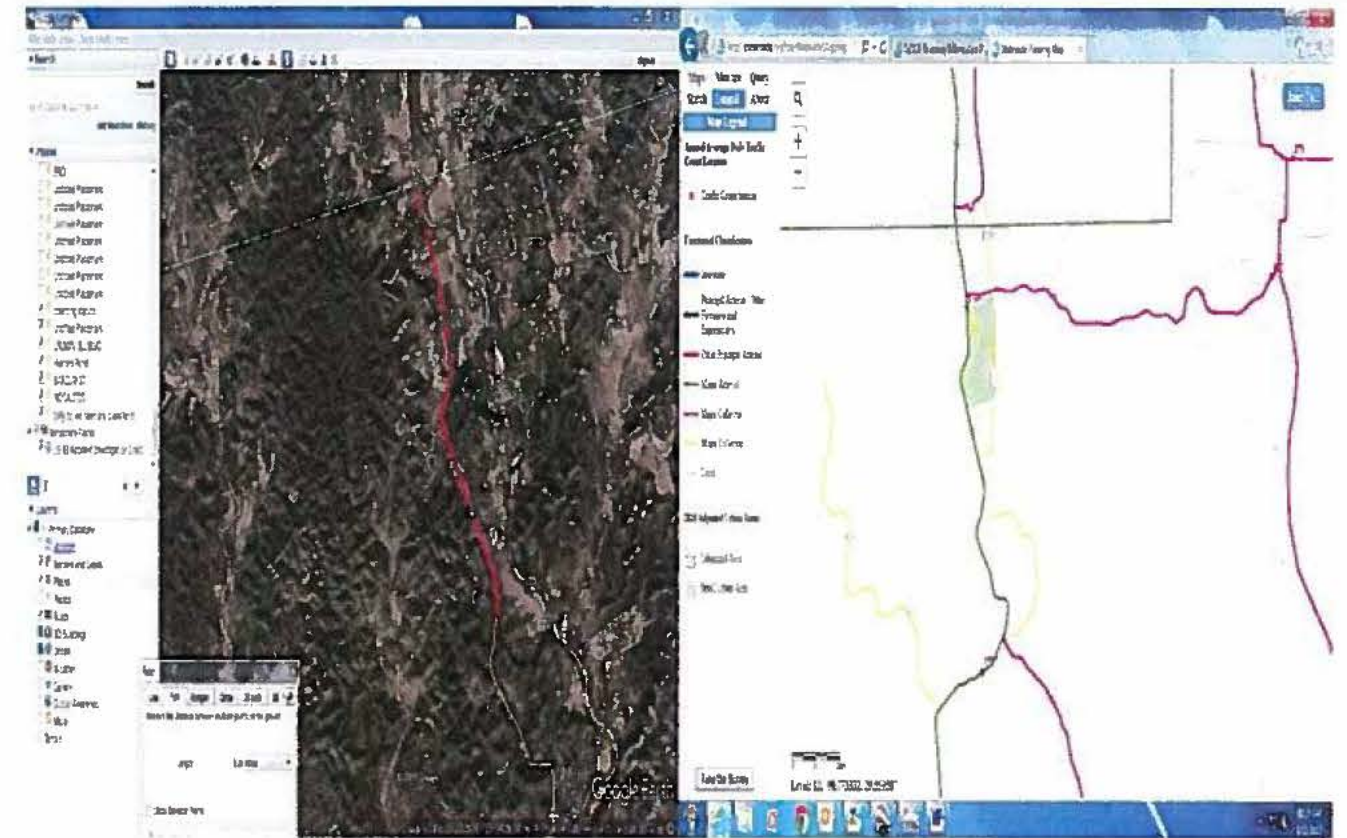
DESIGN SPEED

LEVEL 70

ROLLING 60



- AADT 2015 1,595
- AADT 2014 3,266
- AADT 2013 1,403
- AADT 2012 2,400
- AADT 2011 2,700
- AADT 2010 1,750
- AADT 2009 1,700
- AADT 2008 1,700
- AADT 2007 1,600



Minor arterial - interconnects principal arterials (moderate mobility, limited access)

5 Year Maintenance List

Uvalde Maintenance Office

FY	TxDOT Unit	Function Code (List)	Work Date	WO#	Highway	Begin RM	Ending RM	Begin Displacement	Ending Displacement	Quantity	Labor Cost (\$)	Equipment Cost (\$)	Material Cost (\$)	Total Cost(\$)
2013	1520 - Uvalde Maintenance Office	595 - Guard Fence (PCBU 60178)	9/24/2012	86000	US0083	552	554	.000	1.970	25.0000	\$33	\$17	\$82	\$132
	1520 - Uvalde Maintenance Office	552 - Tree and Brush Control (PCBU 60178)	10/4/2012	134515	US0083	552	554	.100	.100	2.0000	\$36	\$18		\$54
	1520 - Uvalde Maintenance Office	595 - Guard Fence (PCBU 60178)	4/11/2013	414230	US0083	554	554	.000	.000	25.0000	\$36	\$33		\$68
	1520 - Uvalde Maintenance Office	595 - Guard Fence (PCBU 60178)	4/17/2013	420732	US0083	554	554	.000	.000	25.0000	\$12	\$6		\$17
	1520 - Uvalde Maintenance Office	552 - Tree and Brush Control (PCBU 60178)	5/29/2013	502539	US0083	552	554	1.014	1.860	1.0000	\$73	\$30		\$102
	1520 - Uvalde Maintenance Office	270 - Edge Repairs (PCBU 60178)	7/15/2013	588444	US0083	554	554	.000	.000	60.0000	\$94	\$16	\$81	\$192
											\$283	\$119	\$163	\$566
2014	1520 - Uvalde Maintenance Office	721 - Delineators (PCBU 60178)	9/10/2013	657368	US0083	554	554	.000	.000	86.0000	\$264	\$93	\$275	\$632
	1520 - Uvalde Maintenance Office	731 - Installation/Maintenance of Small Signs (PCBU 60178)	9/24/2013	673139	US0083	554	554	1.000	1.300	2.0000	\$18	\$21		\$39
	1520 - Uvalde Maintenance Office	552 - Tree and Brush Control (PCBU 60178)	10/30/2013	717076	US0083	554	554	.000	.000	1.0000	\$69	\$14		\$83
	1520 - Uvalde Maintenance Office	732 - Installation/Maintenance Large Signs (PCBU 60178)	11/6/2013	724495	US0083	554	554	.000	.000	2.0000	\$239	\$139	\$81	\$458
	1520 - Uvalde Maintenance Office	732 - Installation/Maintenance Large Signs (PCBU 60178)	11/7/2013	725817	US0083	554	554	.000	.000	3.0000	\$206	\$76		\$281
	1520 - Uvalde Maintenance Office	731 - Installation/Maintenance of Small Signs (PCBU 60178)	11/12/2013	728497	US0083	554	554	.000	.000	2.0000	\$90	\$20	\$287	\$397
	1520 - Uvalde Maintenance Office	732 - Installation/Maintenance Large Signs (PCBU 60178)	11/12/2013	728503	US0083	554	554	.000	.000	2.0000	\$90	\$20	\$531	\$642
	1520 - Uvalde Maintenance Office	595 - Guard Fence (PCBU 60178)	12/23/2013	772872	US0083	554	554	.100	.100	25.0000	\$33	\$15	\$106	\$153
	1520 - Uvalde Maintenance Office	597 - Mailboxes, Installation and Maintenance (PCBU 60178)	3/11/2014	850055	US0083	552	554	.000	.000	2.0000	\$158	\$112	\$17	\$288
	1520 - Uvalde Maintenance Office	212 - Maintainer Level Up (PCBU 60178)	7/30/2014	1004840	US0083	552	554	.100	1.860	7941.0000	\$1,035	\$2,016	\$10,886	\$13,937
											\$2,202	\$2,525	\$12,183	\$16,910
2015	1520 - Uvalde Maintenance Office	232 - Strip Seals (PCBU 60178)	9/9/2014	1040499	US0083	548	554	1.014	.000	9156.0000	\$1,109	\$982	\$12,971	\$15,062
	1520 - Uvalde Maintenance Office	531 - Picnic Area Maintenance (PCBU 60178)	11/17/2014	1261468	US0083	552	554	.000	.000	1.0000	\$37	\$24		\$61
	1520 - Uvalde Maintenance Office	531 - Picnic Area Maintenance (PCBU 60178)	12/1/2014	1274152	US0083	552	554	.000	.000	1.0000	\$19	\$31		\$50
	1520 - Uvalde Maintenance Office	524 - Spot Litter (PCBU 60178)	2/4/2015	1343915	US0083	552	554	.000	.000	1.0000	\$19	\$12		\$31
	1520 - Uvalde Maintenance Office	742 - Illumination (PCBU 60178)	2/5/2015	1346570	US0083	552	554	.000	.000	1.0000	\$106	\$35		\$141
	1520 - Uvalde Maintenance Office	525 - Adopt-a-Highway (PCBU 60178)	2/12/2015	1354964	US0083	552	554	.000	.000	1.0000	\$19	\$25		\$44
	1520 - Uvalde Maintenance Office	521 - Litter Removal (PCBU 60178)	3/24/2015	1396349	US0083	552	554	.000	.000	1.0000	\$30	\$25		\$55
	1520 - Uvalde Maintenance Office	524 - Spot Litter (PCBU 60178)	4/20/2015	1425990	US0083	552	554	.000	.000	1.0000	\$20	\$13		\$32
	1520 - Uvalde Maintenance Office	721 - Delineators (PCBU 60178)	4/21/2015	1427328	US0083	550	554	.000	.000	50.0000	\$406	\$203	\$996	\$1,604
	1520 - Uvalde Maintenance Office	241 - Pothole Repair (PCBU 60178)	5/5/2015	1444283	US0083	552	554	.000	.000	5.0000	\$80	\$46	\$60	\$186
	1520 - Uvalde Maintenance Office	580 - Removal of Illegal signs on the ROW/Temporary (PCBU 60178)	5/27/2015	1473159	US0083	552	554	.000	.000	50.0000	\$46	\$3	\$197	\$247
	1520 - Uvalde Maintenance Office	525 - Adopt-a-Highway (PCBU 60178)	7/15/2015	1533274	US0083	552	554	.000	.000	1.0000	\$38	\$27		\$65
	1520 - Uvalde Maintenance Office	241 - Pothole Repair (PCBU 60178)	8/18/2015	1573518	US0083	550	554	.000	1.860	2.0000	\$18	\$5	\$24	\$47
											\$1,948	\$1,430	\$14,247	\$17,625
2016	1520 - Uvalde Maintenance Office	595 - Guard Fence (PCBU 60178)	1/7/2016	1720344	US0083	552	554	.000	.000	.0000	\$0	\$0		\$0
	1520 - Uvalde Maintenance Office	595 - Guard Fence (PCBU 60178)	1/7/2016	1720349	US0083	552	554	.000	.000	.0000	\$41	\$31		\$72
	1520 - Uvalde Maintenance Office	595 - Guard Fence (PCBU 60178)	1/8/2016	1720428	US0083	552	554	.000	.000	.0000	\$51	\$54		\$105
	1520 - Uvalde Maintenance Office	594 - Concrete Barrier (PCBU 60178)	1/11/2016	1721653	US0083	552	554	.000	.000	.0000	\$56	\$47		\$102
	1520 - Uvalde Maintenance Office	595 - Guard Fence (PCBU 60178)	1/12/2016	1722766	US0083	552	554	.000	.000	.0000	\$20	\$31		\$51
	1520 - Uvalde Maintenance Office	595 - Guard Fence (PCBU 60178)	1/13/2016	1725770	US0083	552	554	.000	.000	.0000	\$20	\$16		\$36
	1520 - Uvalde Maintenance Office	527 - Hand Sweeping (PCBU 60178)	4/27/2016	1831007	US0083	552	554	.000	.000	9.0000	\$43	\$38		\$81
	1520 - Uvalde Maintenance Office	531 - Picnic Area Maintenance (PCBU 60178)	5/5/2016	1842062	US0083	552	554	.000	.000	1.0000	\$21	\$24		\$45
	1520 - Uvalde Maintenance Office	241 - Pothole Repair (PCBU 60178)	6/9/2016	1878601	US0083	548	554	.000	.000	5.0000	\$26	\$16	\$32	\$74
	1520 - Uvalde Maintenance Office	731 - Installation/Maintenance of Small Signs (PCBU 60178)	6/20/2016	1890927	US0083	552	554	.000	.000	3.0000	\$113	\$2,533	\$658	\$3,304
	1520 - Uvalde Maintenance Office	531 - Picnic Area Maintenance (PCBU 60178)	6/20/2016	1893016	US0083	552	554	.000	.000	1.0000	\$21	\$35		\$56
	1520 - Uvalde Maintenance Office	531 - Picnic Area Maintenance (PCBU 60178)	6/28/2016	1903052	US0083	552	554	.000	1.860	2.0000	\$43	\$23		\$66
	1520 - Uvalde Maintenance Office	531 - Picnic Area Maintenance (PCBU 60178)	7/19/2016	1926060	US0083	552	554	.000	.000	1.0000	\$21	\$24		\$45
	1520 - Uvalde Maintenance Office	595 - Guard Fence (PCBU 60178)	8/3/2016	1941682	US0083	552	554	.000	.000	.0000	\$21	\$23		\$44
	1520 - Uvalde Maintenance Office	525 - Adopt-a-Highway (PCBU 60178)	8/15/2016	1955037	US0083	548	554	1.014	.000	1.0000	\$37	\$6		\$42
	1520 - Uvalde Maintenance Office	531 - Picnic Area Maintenance (PCBU 60178)	8/16/2016	1957161	US0083	552	554	.000	.000	1.0000	\$21	\$35		\$56
	1520 - Uvalde Maintenance Office	531 - Picnic Area Maintenance (PCBU 60178)	8/25/2016	1969659	US0083	552	554	.000	.000	1.0000	\$21	\$1		\$23
											\$577	\$2,935	\$690	\$4,202
2017	1520 - Uvalde Maintenance Office	531 - Picnic Area Maintenance (PCBU 60178)	10/6/2016	2011973	US0083	552	554	.000	.000	1.0000	\$21	\$21		\$42
	1520 - Uvalde Maintenance Office	531 - Picnic Area Maintenance (PCBU 60178)	10/12/2016	2016803	US0083	552	554	.000	.000	1.0000	\$21	\$35		\$56
	1520 - Uvalde Maintenance Office	531 - Picnic Area Maintenance (PCBU 60178)	11/3/2016	2039588	US0083	552	554	.000	.000	1.0000	\$21	\$31		\$52
	1520 - Uvalde Maintenance Office	595 - Guard Fence (PCBU 60178)	12/7/2016	2070088	US0083	552	554	.000	.000	5.0000	\$11	\$14		\$24
	1520 - Uvalde Maintenance Office	540 - Hand Vegetation Control (PCBU 60178)	12/7/2016	2070104	US0083	552	554	.000	.000	1.0000	\$21	\$28	\$111	\$159
	1520 - Uvalde Maintenance Office	531 - Picnic Area Maintenance (PCBU 60178)	12/7/2016	2067753	US0083	552	554	.000	.000	1.0000	\$21	\$41		\$63
	1520 - Uvalde Maintenance Office	580 - Removal of Illegal signs on the ROW/Temporary (PCBU 60178)	12/9/2016	2071888	US0083	552	554	.000	.000	1.0000	\$21	\$28		\$49
	1520 - Uvalde Maintenance Office	721 - Delineators (PCBU 60178)	1/2/2017	2091382	US0083	552	554	.000	.000	6.0000	\$295	\$1,327	\$107	\$1,729
	1520 - Uvalde Maintenance Office	799 - Traffic Control for Emergencies and Special Events (PCBU 60178)	3/16/2017	2163699	US0083	548	554	1.014	.000	24.0000	\$0	\$47		\$47
	1520 - Uvalde Maintenance Office	799 - Traffic Control for Emergencies and Special Events (PCBU 60178)	3/18/2017	2163844	US0083	548	554	1.014	1.860	24.0000	\$0	\$47		\$47
	1520 - Uvalde Maintenance Office	799 - Traffic Control for Emergencies and Special Events (PCBU 60178)	3/19/2017	2163845	US0083	548	554	1.014	.000	24.0000	\$0	\$47		\$47
	1520 - Uvalde Maintenance Office	531 - Picnic Area Maintenance (PCBU 60178)	3/27/2017	2173993	US0083	552	554	.000	.000	1.0000	\$21	\$1	\$0	\$22
											\$455	\$1,666	\$217	\$2,338
											\$5,466	\$8,675	\$27,500	\$41,642

0036-07-026

January 1935

**New Construction of Roadway
(Previously State Hwy. 4)**

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	DIVISION MAP
3	TYPICAL CROSS SECTIONS
4-8	HAUL DIAGRAM (MAP OF DRAINAGE AREAS)
10-11	ESTIMATE AND QUANTITY SHEET
12-31	PLAN AND PROFILE SHEETS
32-38	BRIDGE LAYOUTS
39-67	STRUCTURAL DETAILS
68-73	CROSS SECTIONS AT CULVERTS

39-44	Special Structural Details
45-NC-7-19	
46-NC-7-30	
47-BC-1	
48-BC-3	
49-VV-2	
50-DIC-20	
51-MBC-9	
52-MBC-SPEC. (4'x3')	
53-MBC-SPEC. (7'x7' Over 34' Hwy)	
54-MBC-SPEC. (8'x8' 9'x9') 34'	
55-MBC-SPEC. (10'x8' 10'x10') 34'	
56-MBC-SPEC. (10'x11' 10'x12') 34'	
57-34" Conc Girders 24' Hwy, 60' Lt. Skew	
58-Skewed Open Abutment Bent	
59-Skewed Interior Bent	
60-R-2	
61-RR-3	
62-M-1	
63-GF-D2	
64-BW-1	
65-SVC-1	

STATE OF TEXAS
STATE HIGHWAY DEPARTMENT

PLANS OF PROPOSED
STATE HIGHWAY IMPROVEMENT

U.S. PUBLIC WORKS HIGHWAY PROJECT NO. NRS-791-C (1935)

PLAN: 1 IN. = 100 FT.
PROFILE: 1 IN. HOR. = 100 FT., 1 IN. VERT. = 10 FT.
CROSS-SECTIONS: 1 IN. HOR. AND VERT. = 5 FT.
OTHERS AS NOTED.

NET LENGTH OF PROJECT = 80,417.9 FT. (14.42 MI.) (CONTRACT NO. 1 - 28,793.2 FT. = 5.453 MI.)
(CONTRACT NO. 2 - 51,624.7 FT. = 9.969 MI.)

UVALDE COUNTY

STATE HIGHWAY NO. 4

FROM 21.37 MILES NORTH OF UVALDE TO UVALDE-REAL CO. LINE

GRADING AND DRAINAGE STRUCTURES, WITH
SELECTED MATERIAL AND BITUMINOUS SEAL COAT

FED. ROAD DIST. NO.	STATE	SECTION	PROJECT NO.
6	TEXAS	1935	NRS
22	UVALDE		

U.S. PUBLIC WORKS HIGHWAY PROJECT NO. NRS-791-C

26-207

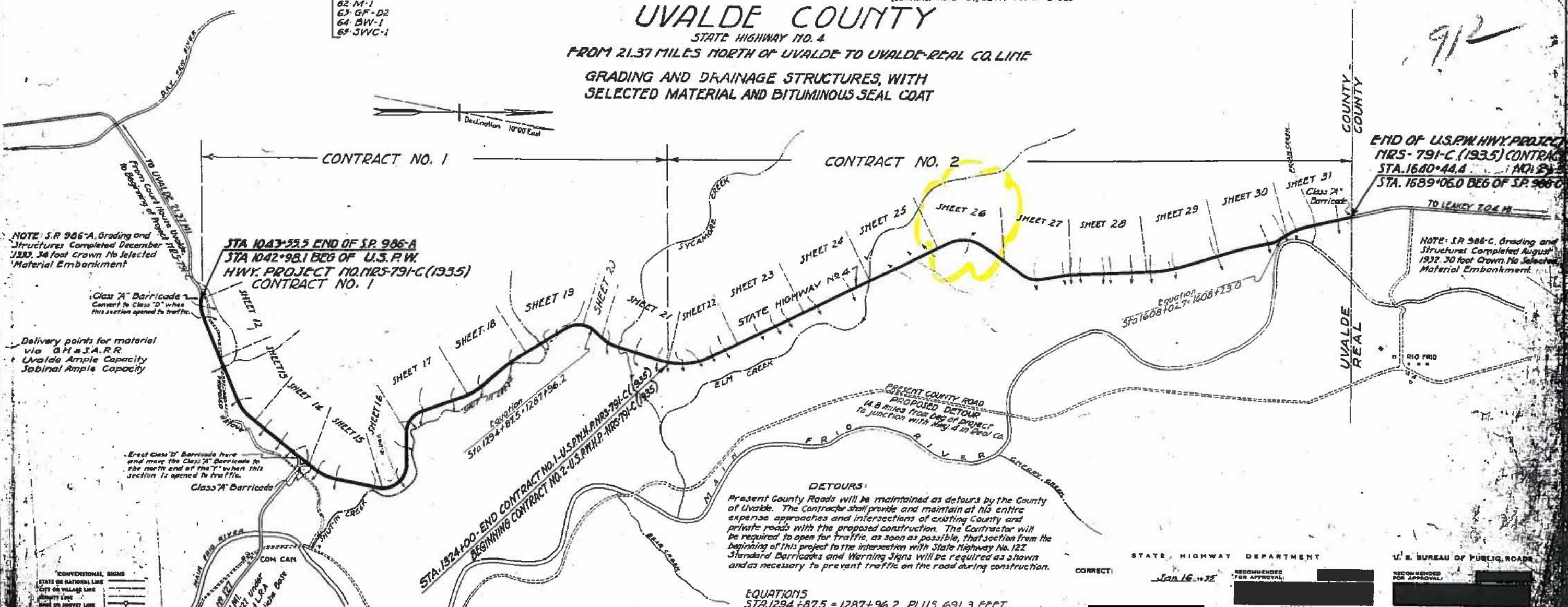
NRS 791-C (1)

36-7-1

36-7-2

304806

912



NOTE: S.R. 986-A, Grading and Structures Completed December 1933. 34 foot Crown No Selected Material Embankment

STA 1042+98.1 END OF S.P. 986-A
STA 1042+98.1 BEG OF U.S. P.W.
HWY. PROJECT NO. NRS-791-C (1935)
CONTRACT NO. 1

END OF U.S. P.W. HWY. PROJECT
NRS-791-C (1935) CONTRACT
STA. 1689+06.0 BEG OF S.P. 986-A

NOTE: S.R. 986-C, Grading and Structures Completed August 1932. 30 foot Crown No Selected Material Embankment.

DETOURS:
Present County Roads will be maintained as detours by the County of Uvalde. The Contractor shall provide and maintain at his entire expense approaches and intersections of existing County and private roads with the proposed construction. The Contractor will be required to open for traffic, as soon as possible, that section from the beginning of this project to the intersection with State Highway No. 122. Standard Barricades and Warning Signs will be required as shown and as necessary to prevent traffic on the road during construction.

EQUATIONS
STA. 1294+87.5 = 1287+96.2 PLUS 691.3 FEET.
STA. 1608+02.7 = 1608+23.0 MINUS 20.3 FEET.
NO RAILROAD CROSSINGS. NO EXCEPTIONS.

NOTE: FEDERAL PROJECT MARKERS OF APPROVED DESIGN WILL BE ERECTED AT EACH END OF PROJECT PRIOR TO COMPLETION.

LAYOUT SCALE: 1 IN. = 2,000' FT.

SPECIFICATIONS APPROVED BY THE CHIEF OF THE U. S. BUREAU OF PUBLIC ROADS, FEB. 24, 1935, AND SPECIFICATION ITEMS SUBSEQUENTLY APPROVED, LISTED AND DATED AS FOLLOWS, SHALL GOVERN IN THEIR REVERSE CHRONOLOGICAL ORDER:
ITEMS 1 TO 9 INCLUSIVE, APPROVED JULY 15, 1931.
ITEMS 10 TO 14 INCLUSIVE, APPROVED NOV. 2, 1933.
ITEMS 16 TO 18 INCLUSIVE, APPROVED NOV. 2, 1933.
Required Special Provisions for U.S. PUBLIC WORKS NATIONAL RECOVERY HIGHWAY PROJECTS, Approved Sept. 6, 1934.

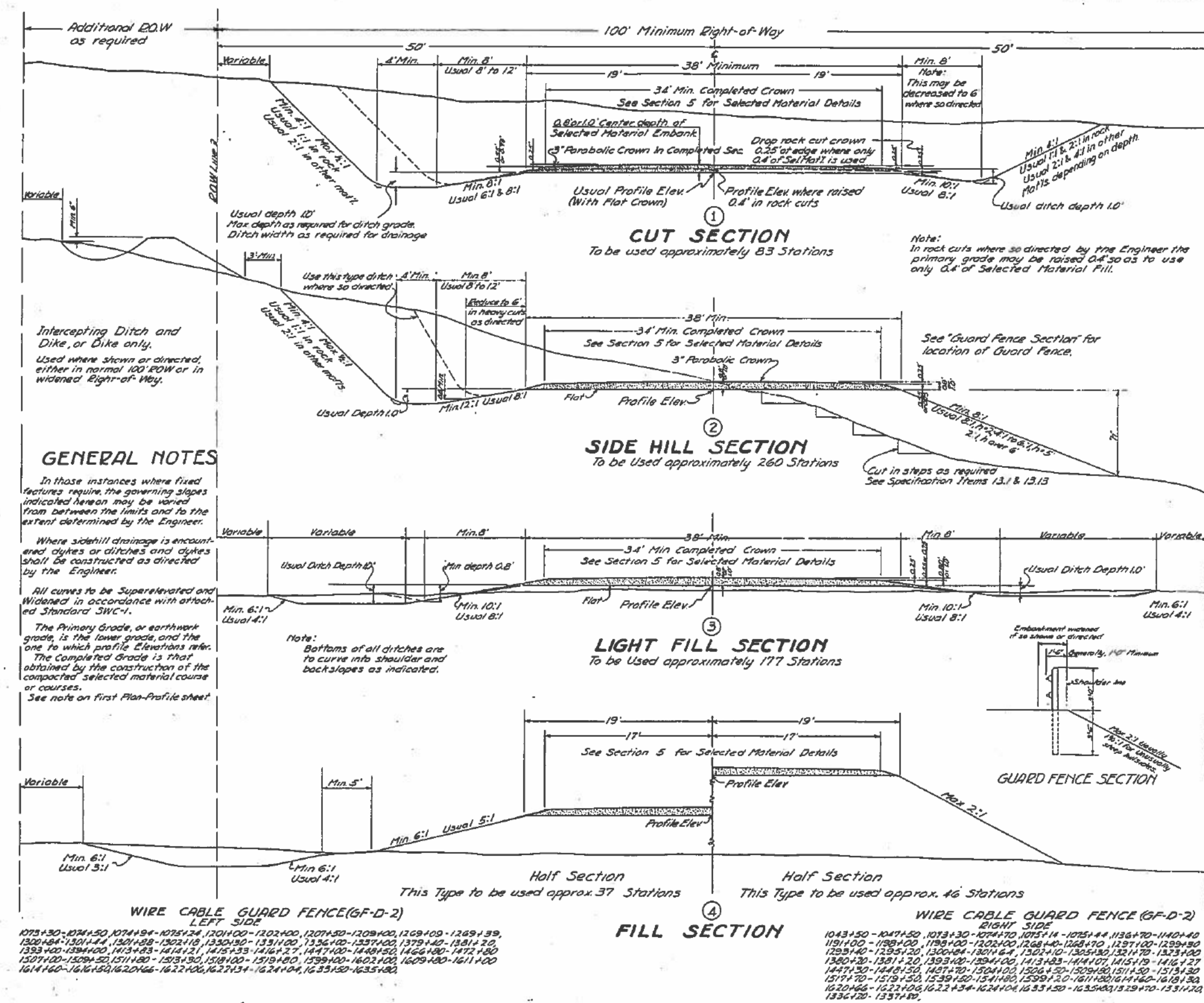
STATE HIGHWAY DEPARTMENT		U. S. BUREAU OF PUBLIC ROADS	
CORRECT:	Jan 16 1935	RECOMMENDED FOR APPROVAL:	
RECOMMENDED FOR APPROVAL:		RECOMMENDED FOR APPROVAL:	
RECOMMENDED FOR APPROVAL:	1-17-35	RECOMMENDED FOR APPROVAL:	
RECOMMENDED FOR APPROVAL:		RECOMMENDED FOR APPROVAL:	
APPROVED:		APPROVED:	



PLAN	DATE
NO.	
BY	
CHECKED	
DATE	

PROFILE	DATE
NO.	
BY	
CHECKED	
DATE	

913



WIRE CABLE GUARD FENCE (GF-D-2) LEFT SIDE

1075+30	1074+50	1074+94	1075+24	1201+00	1202+00	1207+50	1209+00	1269+09	1269+59
1300+84	1301+44	1301+88	1302+18	1330+30	1331+00	1336+10	1337+00	1379+40	1381+20
1393+00	1394+00	1413+83	1414+21	1415+33	1416+27	1447+00	1448+50	1466+80	1472+80
1507+00	1509+50	1511+80	1513+30	1518+00	1519+80	1539+00	1602+00	1609+80	1611+00
1614+60	1616+50	1620+66	1622+06	1627+34	1628+04	1633+50	1635+80		

WIRE CABLE GUARD FENCE (GF-D-2) RIGHT SIDE

1043+50	1047+50	1073+30	1074+70	1075+14	1075+44	1136+70	1140+40	1191+00	1195+00
1198+00	1199+00	1202+00	1208+40	1208+70	1297+00	1299+80	1299+40	1299+20	1300+84
1301+64	1302+10	1305+30	1321+70	1323+00	1380+30	1381+20	1393+00	1394+00	1413+83
1414+07	1415+19	1416+27	1447+30	1448+50	1487+70	1504+00	1506+50	1509+80	1511+80
1513+30	1517+70	1519+50	1539+50	1541+80	1539+20	1611+80	1614+60	1618+30	1620+66
1622+06	1622+34	1624+04	1633+50	1635+80	1337+00				

STATE	FEDERAL PROJECT NO.	SHEET NO.
6 TEXAS	1935 NPS	3
COUNTY	PROJECT NO.	
22 UVALDE		4

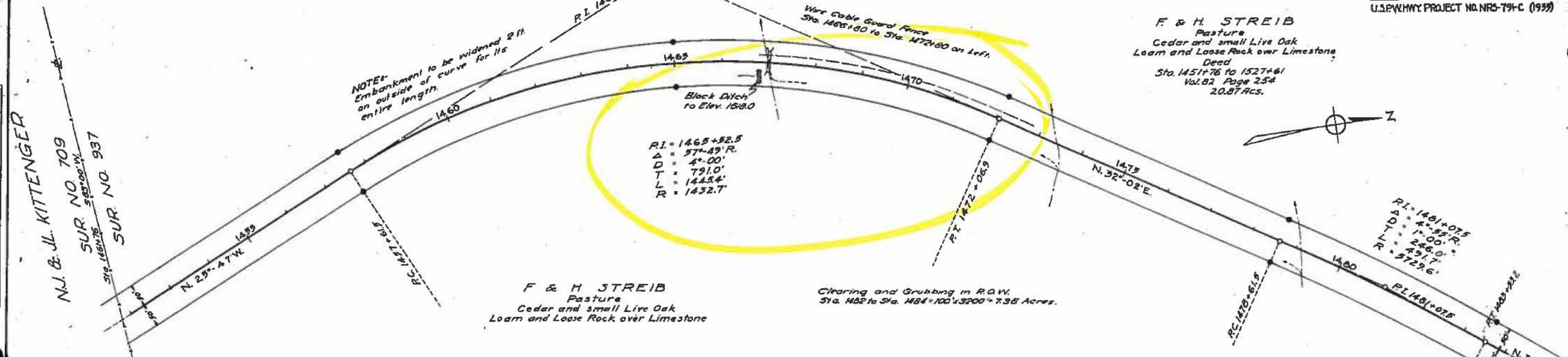
U.S. P.W. Highway Project No. NPS-791-C (1935)

TYPICAL CROSS SECTIONS

G. C. & S. F. RY CO SURVEY NO. 937

STATE	Texas	YEAR	1939	PROJECT NO.	NRS	SHEET NO.	25
COUNTY	UVALDE	PROJECT NO.		SHEET NO.			4

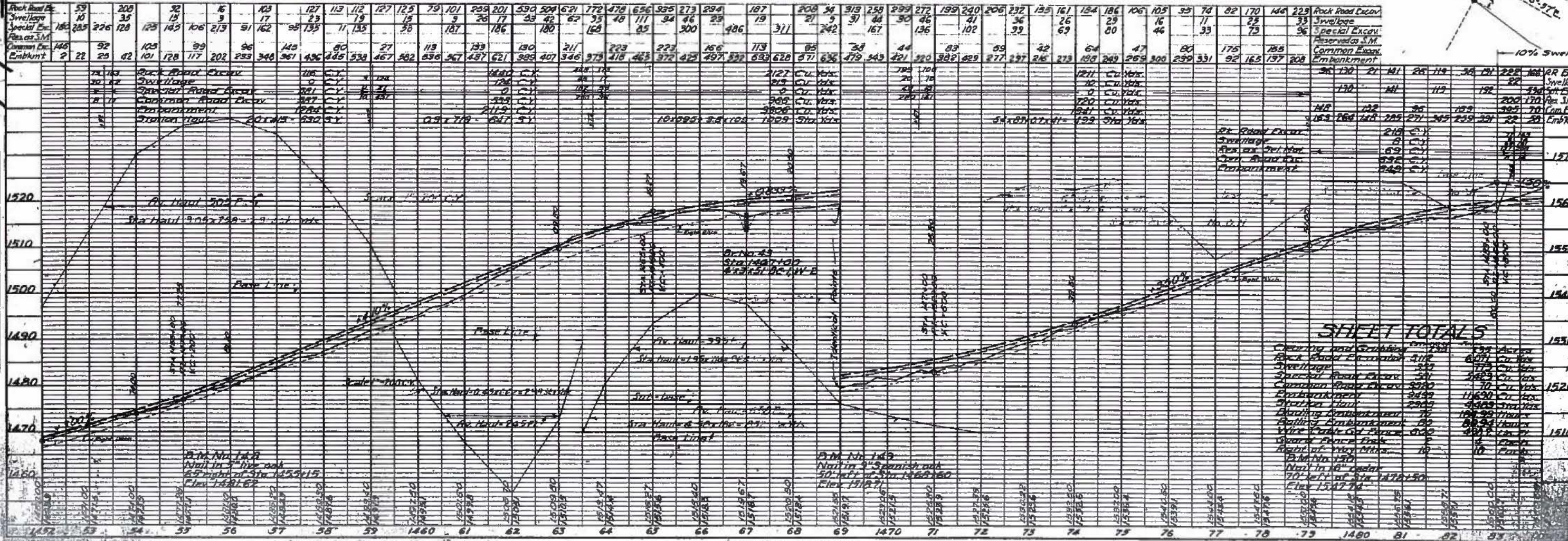
U.S.F.W.H.WY PROJECT NO. NRS-791-C (1939)



PLAN	DATE	BY
REVISIONS		
1. ADJUSTMENT CHECKED		
2. BY ST. OF W&M CHECKER		

943

PROFILE	DATE	BY
REVISIONS		
1. ADJUSTMENT CHECKED		
2. BY ST. OF W&M CHECKER		



SHEET TOTALS

Clearing and Grubbing	2.35	Acres
Rock Road Excav	312	Cu Yds
Swellage	33	Cu Yds
Special Road Excav	33	Cu Yds
Common Road Excav	370	Cu Yds
Embankment	343	Cu Yds
Station Haul	243	Cu Yds
Planting Embankment	75	100 sq ft
Right of Way	80	sq ft
Wire Cable Guard Fence	600	ft
Guard Fence Posts	2	posts
Right of Way	10	posts
B.M. No. 149		
Naill in 4" Spanish oak		
50' left of Sta. 1465+00		
Elev. 1512.7		

0036-07-014

August 1962

Grading Roadway and Seal Coat

FOR STATE	STATE
YEAR	C 36-744
COUNTY	UVALDE

U-263

STATE OF TEXAS STATE HIGHWAY DEPARTMENT

PLANS OF PROPOSED STATE HIGHWAY IMPROVEMENT

DESIGN SPEED: 50 MI.

NOTE: Traffic to be carried over p. during construction.

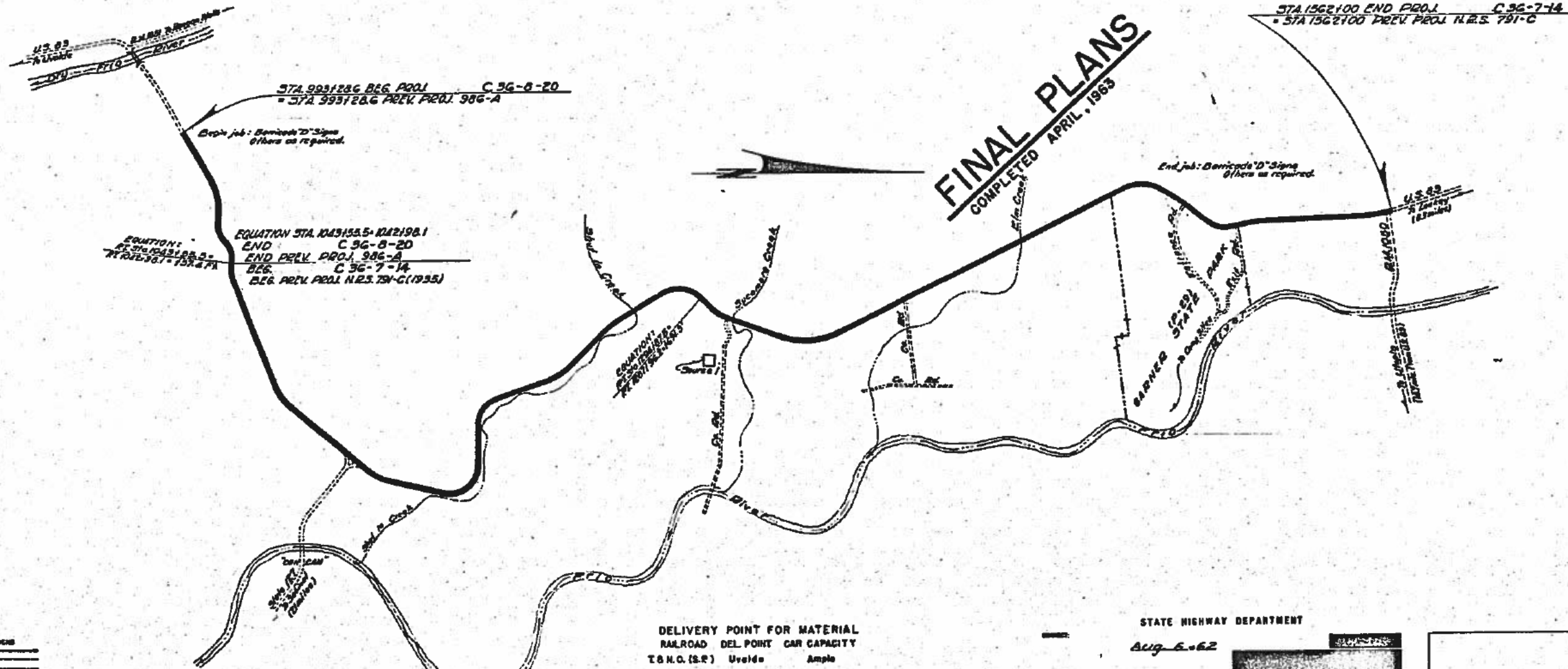
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	DETOUR LAYOUT
3	TYPICAL SECTIONS
4	ESTIMATE AND QUANTITY
5	SPECIFICATION DATA
6	HAUL DIAGRAM
7	ROADWAY DETAILS
8	DRAINAGE LAYOUT
9	CULVERT LAYOUTS
10	BRIDGE LAYOUTS
11	STRUCTURAL DETAILS AND STANDARDS
12	GF & DA - 62
13	B W - 61 (1) B (2)
14	GF - C1

STATE PROJECT C 36-748-14420
UVALDE COUNTY

PLAN: 1 IN. = 100 FT.
PROFILE: 1 IN. HOR. = 100 FT., 1 IN. VERT. = 10 FT.
CROSS-SECTIONS: 1 IN. HOR. AND VERT. = 1 FT.
OTHERS AS NOTED.

NET LENGTH OF PROJECT - 57,620.1 FT. = 10.942 MI.
FROM 18.3 MILES NORTH OF UVALDE, NORTH 10.9 MILES.
GRADING, FLEX. BASE & ONE COURSE SURF. TREATMENT

FINAL PLANS
COMPLETED APRIL, 1963



3
 FINAL 711 03
 4
 11 11 11

COUNTY HWY. NO. DATE ACCEPTED
 PROJ. NO. LETTING DATE



SPECIFICATIONS ADOPTED BY THE STATE HIGHWAY DEPARTMENT
OF TEXAS, JANUARY 2, 1962 SHALL GOVERN ON THIS PROJECT.

DELIVERY POINT FOR MATERIAL
RAILROAD DEL. POINT CAR CAPACITY
T & N.G. (S.R.) Uvalde Ample

TWO EQUATIONS
Sta. 1043155.5 - 1042198.1 = 157.4'
Sta. 1284181.5 - 1281196.2 = 157.4'
Total Equations = 748.7
NO EXCEPTIONS
NO R.R. CROSSINGS

LAYOUT SCALE: 1 IN. = 2,000 FT.

STATE HIGHWAY DEPARTMENT

Aug 6-62

8-21-62

DESIGNED BY	[Signature]
CHECKED BY	[Signature]
APPROVED BY	[Signature]
DATE	8-21-62

993756.C 26	993756.7 25	993756.2 24	993756.7 23	993756.7 22 +57.4 Equation	993756.7 21	993756.7 20	993756.7 19	993756.7 18	993756.7 17	993756.7 16	993756.7 15
400X25 = 10,000 C.Y.	132X72 = 950 C.Y. 950X24 = 22,800 C.Y.	950X23 = 21,050 C.Y.	950X22 = 20,900 C.Y.	950X21 = 19,950 C.Y.	950X20 = 19,000 C.Y.	950X19 = 18,050 C.Y.	950X18 = 17,100 C.Y.	950X17 = 16,150 C.Y.	950X16 = 15,200 C.Y.	950X15 = 14,250 C.Y.	950X14 = 13,300 C.Y.

993756.9 +69.3 Equation	993756.8 4	993756.8 5	993756.8 6	993756.8 7	993756.8 8	993756.8 9	993756.8 10	993756.8 11	993756.8 12	993756.8 13	993756.8 14
950X2 = 1,900 C.Y.	950X3 = 2,850 C.Y.	950X4 = 3,800 C.Y.	950X5 = 4,750 C.Y.	950X6 = 5,700 C.Y.	950X7 = 6,650 C.Y.	950X8 = 7,600 C.Y.	950X9 = 8,550 C.Y.	950X10 = 9,500 C.Y.	950X11 = 10,450 C.Y.	950X12 = 11,400 C.Y.	950X13 = 12,350 C.Y.

993756.2 2	993756.2 2	993756.2 3	993756.2 4	993756.2 5	993756.2 6	993756.2 7	993756.2 8	993756.2 9	993756.2 10	993756.2 11	993756.2 12
500X1 = 500 C.Y.	500X1 = 500 C.Y.	950X2 = 1,900 C.Y.	950X3 = 2,850 C.Y.	950X4 = 3,800 C.Y.	950X5 = 4,750 C.Y.	950X6 = 5,700 C.Y.	950X7 = 6,650 C.Y.	950X8 = 7,600 C.Y.	950X9 = 8,550 C.Y.	950X10 = 9,500 C.Y.	950X11 = 10,450 C.Y.

SOURCE NO. 1
 MRS. E.B. NISLI (Owner)

993756.2 22	993756.2 21	993756.2 20	993756.2 19	993756.2 18	993756.2 17	993756.2 16	993756.2 15	993756.2 14	993756.2 13
400X21 = 8,400 C.Y.	950X20 = 19,000 C.Y.	950X19 = 18,050 C.Y.	950X18 = 17,100 C.Y.	950X17 = 16,150 C.Y.	950X16 = 15,200 C.Y.	950X15 = 14,250 C.Y.	950X14 = 13,300 C.Y.	950X13 = 12,350 C.Y.	950X12 = 11,400 C.Y.

FINAL ESTIMATED QUANTITIES

	C 36-8-20	C 36-7-14	TOTALS
CLEAR & GRUB AC	02	2.4	2.6
STRIPPING CY	185 0	2915 0	3100 0
FOUND CRSE. CY	3-650 3132	38-950 3808	41-700 41520
ADD. QTR. MI. HAUL CY	84-44-2772	47-5880	132-02572

HAUL DIAGRAM

NO. 10	State	DATE
0	TRAIL	C 36-718-14
1110	EXPORT	0 01
22	UNVALDE	36

0036-07-026

June 12, 2000 Thru May 29, 2001

Rehabilitation of Existing Roadway

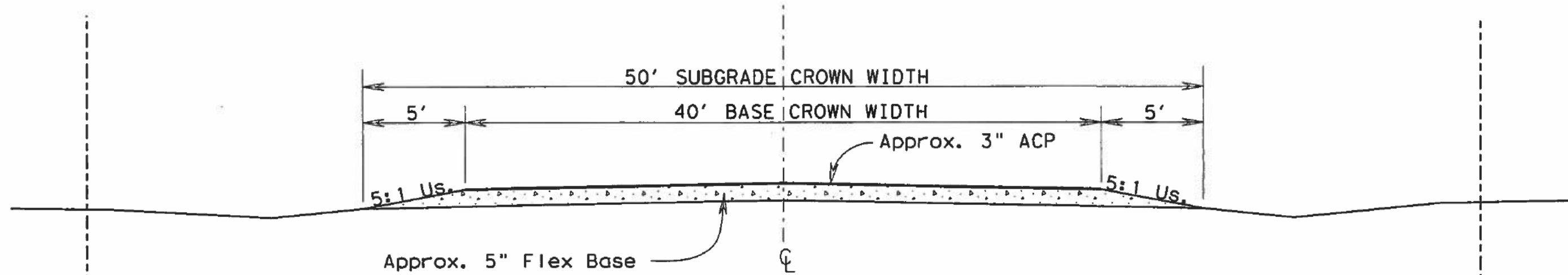
- C.O. #1 - ADDED ITEM "REMOV SMALL RDSO SGN ASSMS" TO THE CONTRACT.
- C.O. #2 - PROVIDED FOR THE PLACEMENT OF "ASPH STAB BS (GR 1)" IN THE PLACE OF CEMENT TREATED BASE FOR THE CONSTRUCTION OF TRANSITIONS AT PROJECT ENDS AND DIRECT TRAFFIC STRUCTURES.
- C.O. #3 - PROVIDED FOR THE PLACEMENT OF HOT MIX (TY C) (SURF) IN PLACE OF COLD MIX.
- C.O. #4 - ADDED ITEM "CL C CONC (HDWL)" THIS ITEM MODIFIES EXISTING HEADWALLS TO FIT PROFILE OF ROADWAY.
- C.O. #5 - REVISES END TREATMENTS APPLIED TO EXISTING CULVERTS.
- C.O. #6 - INCREASED THE THICKNESS OF HMAC TY C SURF FROM 1½" TO 2".
- C.O. #7 - COMPENSATE CONTRACTOR FOR COST OF INSTALLING NEW MBGF IN PLACE OF SALVAGED MEMBERS.
- C.O. #8 - ADDED ITEM "STRAW OR HAY MULCH" TO CONTRACT.
- C.O. #9 - ADDED ITEM "ASPH (AC-10)" TO THE CONTRACT FOR COLD WEATHER CONDITIONS.
- C.O. #10 - ADDED ITEM "AGGR (TY PE GR 4 MOD) TO CONTRACT.
- C.O. #11 - ADDED ITEM "EMBANK (ORD COMP) (TY B) (CL 3) TO THE CONTRACT AND 1 S.E.T. TY 1 AT STA. 1367+75.
- C.O. #12 - ADDED 17 WORKING DAYS TO CONTRACT.
- C.O. #13 - PROVIDED FOR REPAIR OF NEW MBGF DAMAGED DURING CONSTRUCTION BY INVOICE.
- C.O. #14 - PROVIDED FOR EXCAVATION AND REPLACEMENT OF UNSTABLE SUBGRADE AT BOX CULVERT LOCATIONS.
- C.O. #15 - PROVIDED FOR REMOVAL OF SOLID YELLOW STRIPE IN ORDER TO ALLOW STRIPING OF PASSING ZONES WITHIN THE PROJECT.

LISTING OF PROJECT CHANGE ORDERS

FED. PROJ. NO.		STATE PROJECT NO.		SHEET NO.
6		CSR 36-7-26		1A
STATE	STATE DIST. NO.	COUNTY		
TEXAS	SA	UVALDE		
CONTRACT NO.	SECT.	JOB	HIGHWAY NO.	
0036	07	026	US 83	

rev. 12-2-99 fer

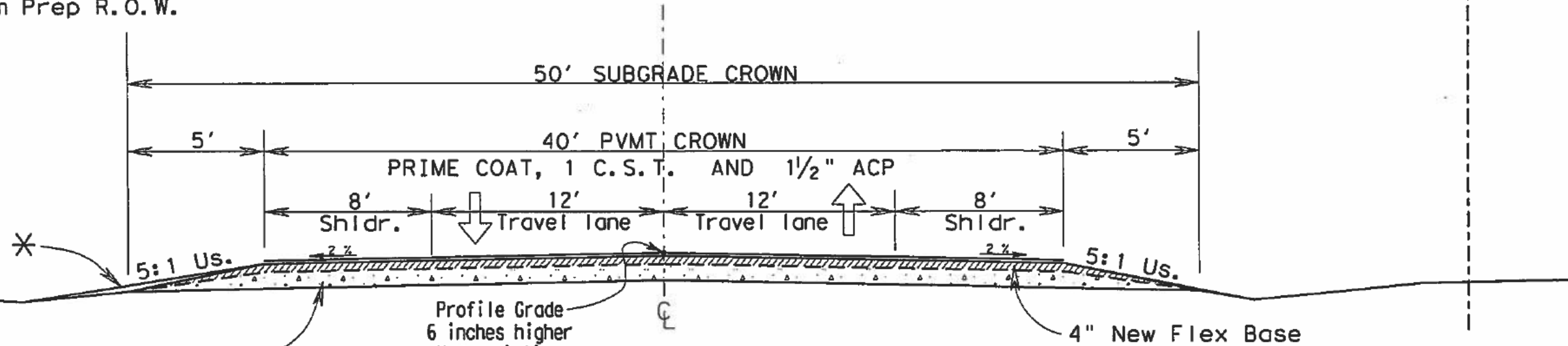
ACC: 0036-07-026
 FILE: D:\FRANK\frank1\us8381\mposst\typsec.dgn



EXISTING TYPICAL SECTION

100' R.O.W.

* Replace Topsoil & Grass removed prior to grading activities up to edge of pavement. This work will be paid for subsidiary to Item Prep R.O.W.



* Cement Treat 3" exist. pavement and 5" exist. base.

PROPOSED TYPICAL SECTION

Sta. 1102+68 to Sta. 1640+44.4 = 54,447.40' ≠

FLEX BASE RATE = 55.5 CY/STA
 CEMENT RATE (3%) = 6.08 TON/STA
 ≠ 2 EQ.'s = +671.0'

SURFACE TREATMENT RATES	
Prime Coat	= 0.20 Gal/SY
Asph (AC or EMULS)	= 0.35 Gal/SY
Aggr (Ty PE GR 3)	= CY/90 SY
LRA	= 150 LBS/SY

NOT TO SCALE

TYPICAL SECTION



Kenneth R. Dirksen PE
 Kenneth R. Dirksen Date 2-15-00

© 1999 TxDOT

FED. RD. DIV. NO.	STATE PROJECT NO.		SHEET NO.
6	CSR 36-7-26		2
STATE	DIST.	COUNTY	
TEXAS	SA	UVALDE	
CONT.	SECT.	JOB	HIGHWAY NO.
0036	07	026	US 83

P.I. = 1203+53.8
 $\Delta = 70^\circ-00'$ R
 $D = 6^\circ-00'$
 $T = 668.7'$
 $L = 1166.7'$
 $R = 955.4'$

STA. 1207+76 to 1209+26 Lt.
 Prop: 150 LF MBGF, 1 SGT & 1 TAS

Remove 200 LF of Existing MBGF,
 & 2 TAS

Sta. 1222+15 Lt. & Rt.
 Prop: Remove Hdwl's, add S.E.T.'s
 SET (TY1) (S=4FT) (HW=5FT) (4:1) (C) = 2 ea

STA. 1207+14.335 to 1208+89.335 Rt.
 Prop: 150 LF MBGF, 1 SGT & 1 TAS
 3 ea. ASM (D-SW)

Sta. 1208+39.335 Rt.
 End T-6 Rail Retrofit

Sta. 1203+85 Lt.
 Prop: Remove Hdwl, add S.E.T.
 Safe End Trt (Ty 1) (3 x 2.5) (4:1) (C) = 1 ea

Sta. 1208+14.335 Rt.
 Beg. T-6 Rail Retrofit

T6 Rail Retrofit = 25 LF

OBJ MRK ASM TY 2 (OM-2SR) (A)
 DEL ASM TY A (D-SW)

P.I. = 1233+33.9
 $\Delta = 26^\circ-00'$ L
 $D = 2^\circ-00'$
 $T = 661.4'$
 $L = 1300.0'$
 $R = 2864.9'$

Sta. 1234+50 Lt. & Rt.
 Prop: Remove Hdwl's, add S.E.T.'s
 SET (TY1) (S=6FT) (HW=5FT) (4:1) (C) = 2 ea

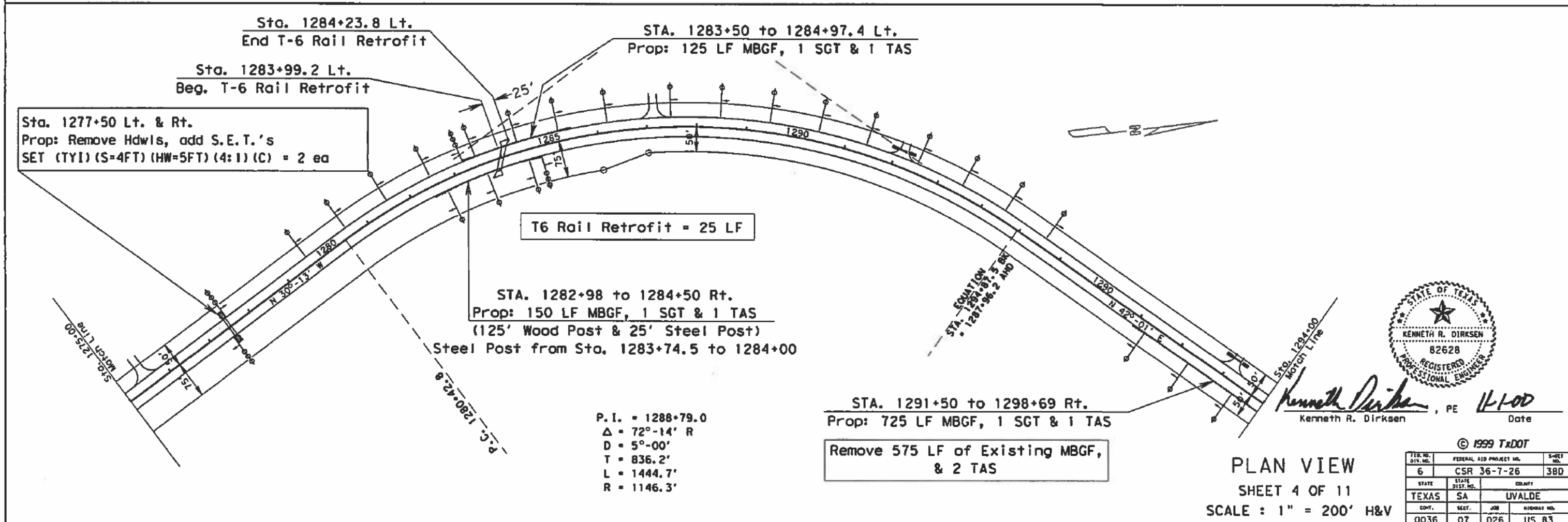
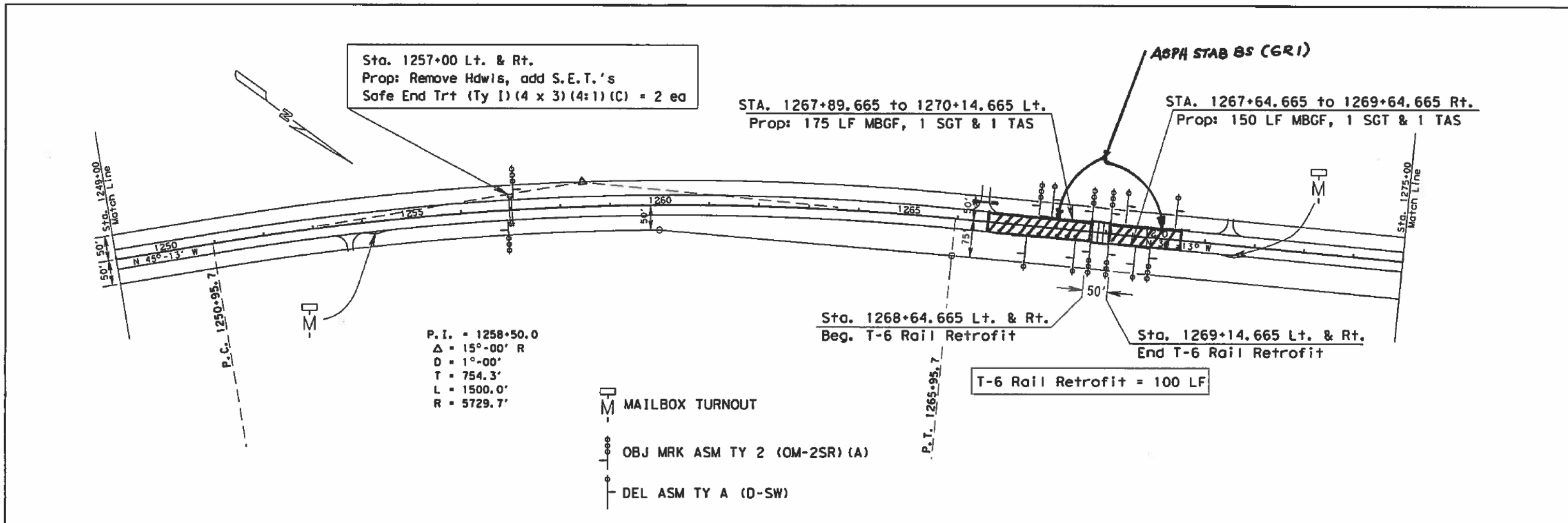


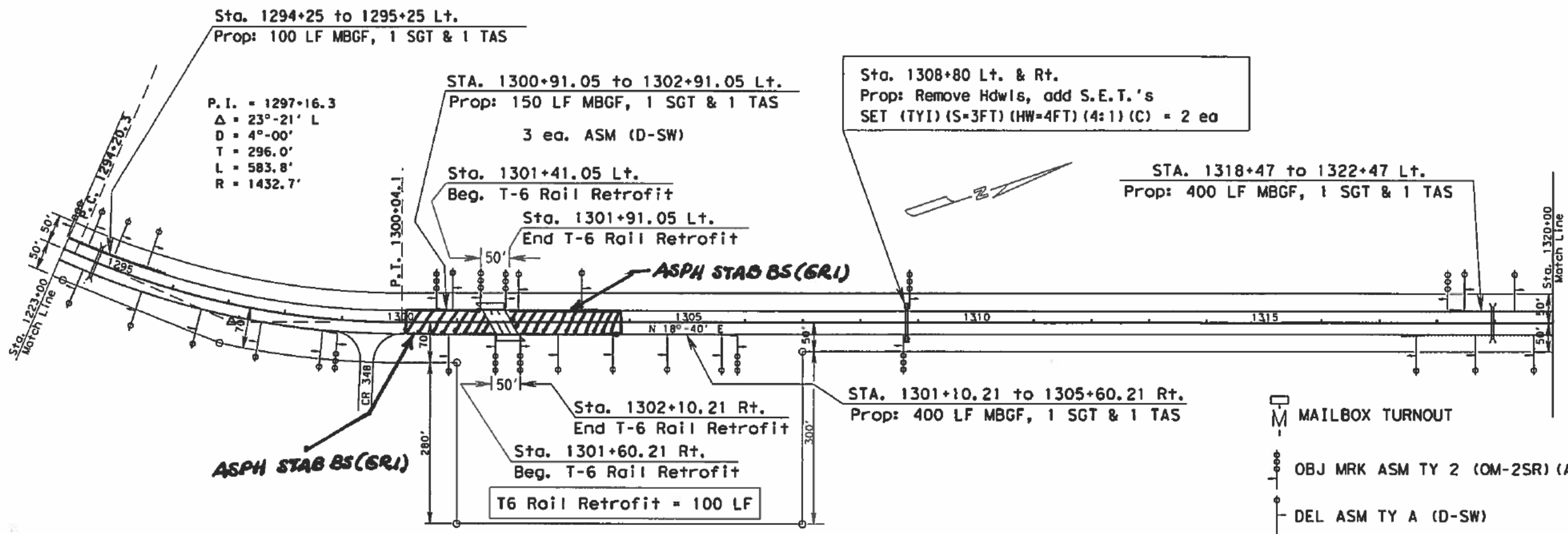
Kenneth R. Dirksen, PE
 Kenneth R. Dirksen, PE
 Date: 11-1-00

PLAN VIEW
 SHEET 3 OF 11
 SCALE: 1" = 200' H&V

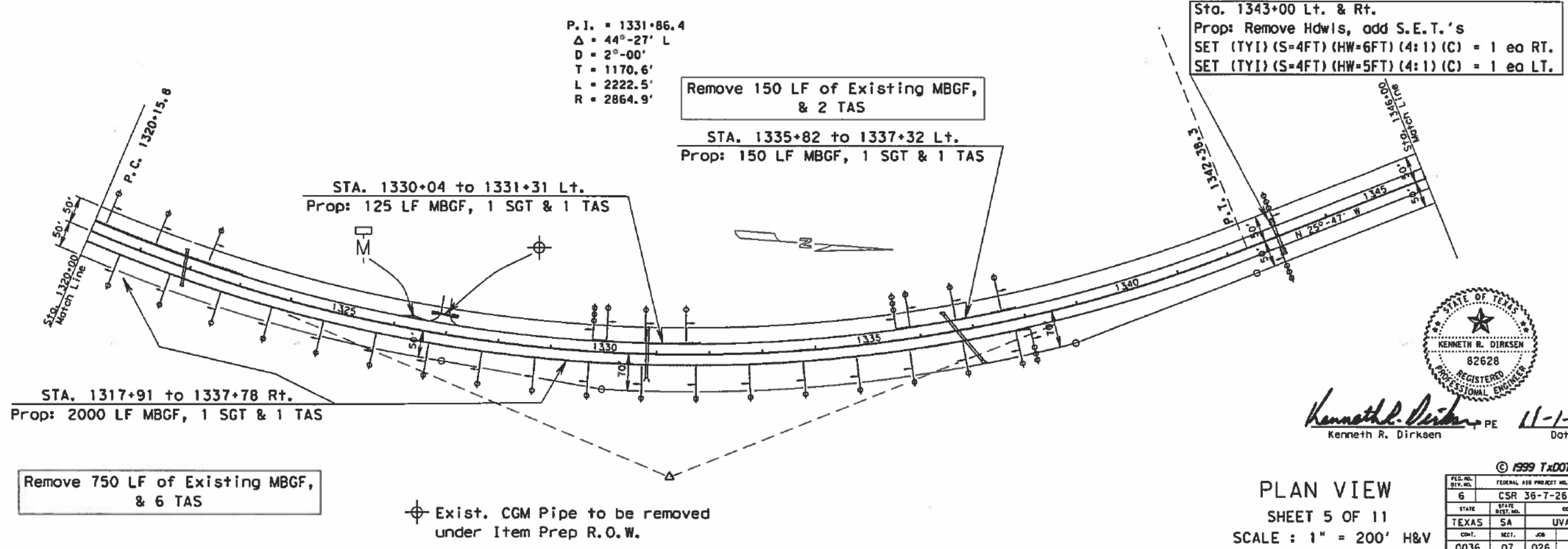
© 1999 TxDOT

FED. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	CSR 36-7-26	38C
STATE	STATE DIST. NO.	COUNTY
TEXAS	SA	UVALDE
CONT.	SECT.	JOB
0036	07	026
		US 83





- MAILBOX TURNOUT
- OBJ MRK ASM TY 2 (OM-2SR) (A)
- DEL ASM TY A (D-SW)



Exist. CGM Pipe to be removed under Item Prep R.O.W.



Kenneth R. Dirksen PE
 Kenneth R. Dirksen PE 11-1-00
 Date

PLAN VIEW
 SHEET 5 OF 11
 SCALE : 1" = 200' H&V

© 1999 TxDOT

FED. PROJ. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	CSR 36-7-26	38E
STATE	STATE DIST. NO.	COUNTY
TEXAS	SA	UVALDE
CONTRACT	SECTION	JOB
0036	07	026
		US 83

STA. 1350+03.15 to 1351+53.15 Lt.
Prop: 150 LF MBGF, 1 SGT & 1 TAS

STA. 1359+53.1 to 1361+03.1 Lt.
Prop: 150 LF MBGF, 1 SGT & 1 TAS

Sta. 1367+25 to Sta. 1368+75 Lt.
Prop: 150 LF MBGF, 1 SGT & 1 TAS

STA. 1349+50 to 1351+00 Rt.
Prop: 150 LF MBGF, 1 SGT & 1 TAS

STA. 1359+00 to 1360+00 Rt.
Prop: 150 LF MBGF, 1 SGT & 1 TAS

~~STA. 1366+75 to 1368+25 Rt.~~
~~Prop: 150 LF MBGF, 1 SGT & 1 TAS~~

Sta. 1367+75 Rt.
Prop: Remove Hdwl, add S.E.T.
SET (TY1) (S=3FT) (HW=5FT) (3:1) (C)

- M MAILBOX TURNOUT
- OBJ MRK ASM TY 2 (OM-2SR) (A)
- DEL ASM TY A (D-SW)

Sta. 1374+70 Lt. & Rt.
Prop: Remove Hdwl, add S.E.T.'s
Safe End Trt (Ty 1) (3 x 3) (4:1) (C) = 2 ea

Remove 250 LF of Existing MBGF,
& 2 TAS

STA. 1379+36 to 1381+86 Lt.
Prop: 250 LF MBGF, 1 SGT & 1 TAS

Sta. 1393+07 to Sta. 1394+57 Lt.
Prop: 150 LF MBGF, 1 SGT & 1 TAS

STA. 1379+63 to 1382+13 Rt.
Prop: 250 LF MBGF, 1 SGT & 1 TAS

Remove 250 LF of Existing MBGF,
& 2 TAS

Sta. 1393+57 Rt.
Prop: Remove Hdwl, add S.E.T.
SET (TY1) (S=4FT) (HW=7FT) (4:1) (C) = 2 ea



Kenneth R. Dirksen, PE
Kenneth R. Dirksen
11-1-00
Date

PLAN VIEW
SHEET 6 OF 11
SCALE: 1" = 200' H&V

FED. PROJ. NO.		FEDERAL AID PROJECT NO.		SHEET NO.	
6		CSR 36-7-26		38F	
STATE		STATE DIST. NO.		COUNTY	
TEXAS		SA		UVALDE	
CONTRACT NO.		SECTION		JOB	
0036		07		026	
CONTRACT NO.		SECTION		JOB	
0036		07		026	
CONTRACT NO.		SECTION		JOB	
0036		07		026	

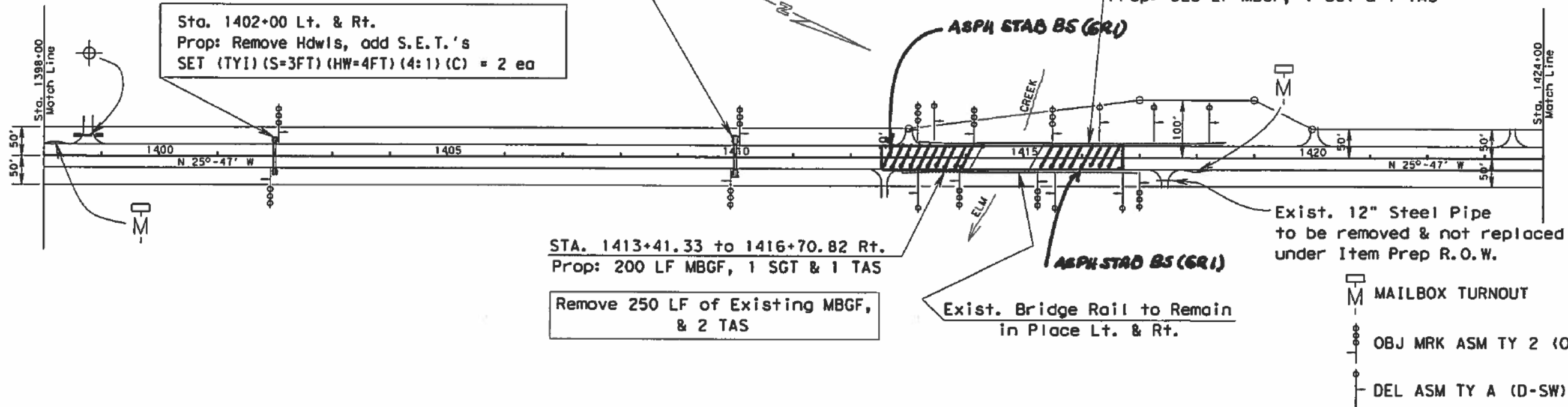
⊕ Exist. CGM Pipe to be removed under Item Prep R.O.W.

Sta. 1410+00 Lt. & Rt.
Prop: Remove Hdws, add S.E.T.'s
Safe End Trt (Ty I) (4 x 3) (4:1) (C) = 2 ea

Remove 225 LF of Existing MBGF, & 2 TAS

STA. 1413+43.04 to 1417+97.54 Lt.
Prop: 325 LF MBGF, 1 SGT & 1 TAS

Sta. 1402+00 Lt. & Rt.
Prop: Remove Hdws, add S.E.T.'s
SET (TYI) (S=3FT) (HW=4FT) (4:1) (C) = 2 ea



STA. 1413+41.33 to 1416+70.82 Rt.
Prop: 200 LF MBGF, 1 SGT & 1 TAS

Remove 250 LF of Existing MBGF, & 2 TAS

Exist. 12" Steel Pipe to be removed & not replaced under Item Prep R.O.W.

- M MAILBOX TURNOUT
- OBJ MRK ASM TY 2 (OM-2SR) (A)
- DEL ASM TY A (D-SW)

STA. 1446+90.4 to 1448+40.4 Lt.
Prop: 125 LF MBGF, 1 SGT & 1 TAS

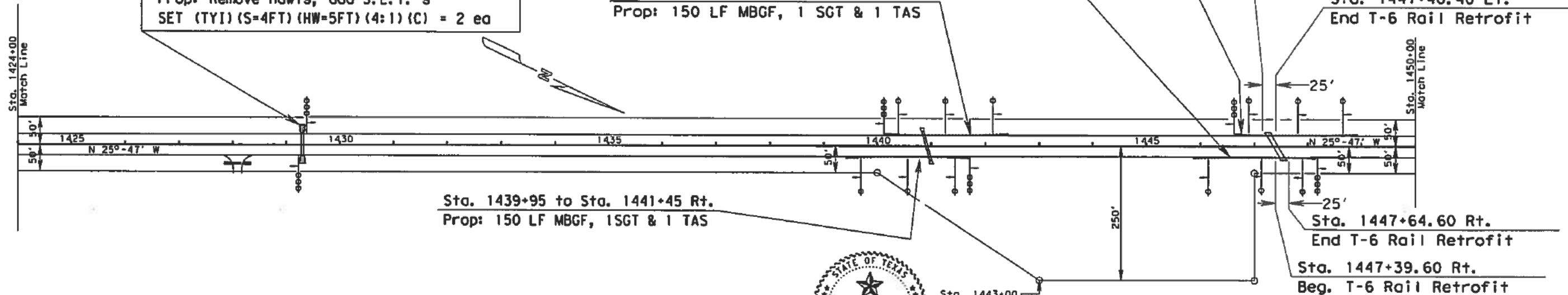
STA. 1446+39.6 to 1447+89.6 Rt.
Prop: 125 LF MBGF, 1 SGT & 1 TAS

STA. 1440+39 to 1441+89 Lt.
Prop: 150 LF MBGF, 1 SGT & 1 TAS

Sta. 1447+15.40 Lt.
Beg. T-6 Rail Retrofit

Sta. 1447+40.40 Lt.
End T-6 Rail Retrofit

Sta. 1429+30 Lt. & Rt.
Prop: Remove Hdws, add S.E.T.'s
SET (TYI) (S=4FT) (HW=5FT) (4:1) (C) = 2 ea



Sta. 1439+95 to Sta. 1441+45 Rt.
Prop: 150 LF MBGF, 1 SGT & 1 TAS

T6 Rail Retrofit = 50 LF



Kenneth R. Dirksen, PE 11-1-00
Kenneth R. Dirksen Date

PLAN VIEW
SHEET 7 OF 11
SCALE : 1" = 200' H&V

© 1999 TxDOT

FED. AID DIST. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	CSR 36-7-26	38G
STATE	STATE DIST. NO.	COUNTY
TEXAS	SA	UVALDE
CONTRACT NO.	SECT.	JOB
0036	07	026
		HIGHWAY NO.
		US 83

Remove 475 LF of Existing MBGF,
& 4 TAS

STA. 1458+00 to 1471+55 Lt.
Prop: 1375 LF MBGF, 1 SGT & 1 TAS

OBJ MRK ASM TY 2 (OM-2SR) (A)
DEL ASM TY A (D-SW)

P.I. = 1465+52.5
Δ = 57°-49' R
D = 4°-00'
T = 791.0'
L = 1445.4'
R = 1432.7'

Sta. 1466+00 to Sta. 1467+50 Rt.
Prop: 150 MBGF, 1 SGT & 1 TAS

* NOTE: Drop inlet is being installed as a safety feature to
replace existing basin. For construction details, see Sht. # 63.

* Sta. 1496+60 Lt.
Prop: Remove Hdw, add Inlet
Inlet (Compl) (Drop) (Ty W-1) = 1 ea

P.I. = 1498+65.1
Δ = 46°-30' L
D = 6°-00'
T = 410.3'
L = 775.0'
R = 955.4'

P.I. = 1481+07.5
Δ = 4°-55' R
D = 1°-00'
T = 246.0'
L = 491.7'
R = 5729.6'

STA. 1487+50 to 1502+83 Rt.
Prop: 1550 LF MBGF, 1 SGT & 1 TAS

Remove 1525 LF of Existing MBGF,
& 2 TAS

█ Exist. Drainage Structure
To Remain Undisturbed



Kenneth R. Dirksen, PE
Kenneth R. Dirksen, PE
Date: 6-1-00

PLAN VIEW

SHEET 8 OF 11

SCALE: 1" = 200' H&V

FED. AID DIST. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	CSR 36-7-26	38H
STATE	COUNTY	
TEXAS	UVALDE	
CONTRACT NO.	SECTION	JOB
0036	07	026
		US 83

© 1999 TxDOT

* Sta. 1502+32 Lt.
 Prop: Remove Hdwl, add Inlet
 Inlet (Comp) (Drop) (Ty W-1) = 1 ea

Remove 250 LF of Existing MBGF,
 & 2 TAS

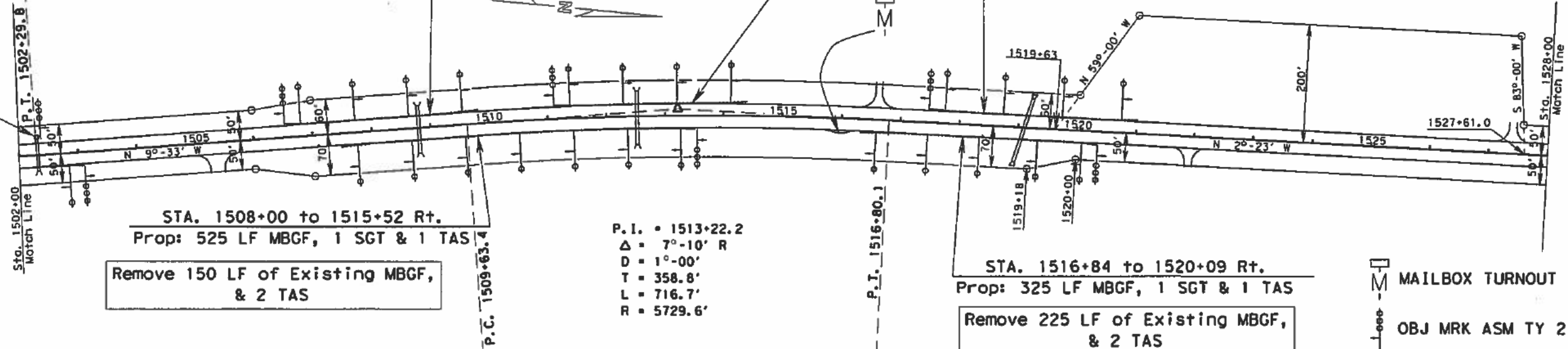
STA. 1506+81 to 1509+31 Lt.
 Prop: 250 LF MBGF, 1 SGT & 1 TAS

Remove 225 LF of Existing MBGF,
 & 2 TAS

STA. 1511+38 to 1513+88 Lt.
 Prop: 250 LF MBGF, 1 SGT & 1 TAS

Remove 175 LF of Existing MBGF,
 & 2 TAS

STA. 1517+74 to 1520+49 Lt.
 Prop: 275 LF MBGF, 1 SGT & 1 TAS



STA. 1508+00 to 1515+52 Rt.
 Prop: 525 LF MBGF, 1 SGT & 1 TAS

Remove 150 LF of Existing MBGF,
 & 2 TAS

P.I. = 1513+22.2
 Δ = 7°-10' R
 D = 1°-00'
 T = 358.8'
 L = 716.7'
 R = 5729.6'

STA. 1516+84 to 1520+09 Rt.
 Prop: 325 LF MBGF, 1 SGT & 1 TAS

Remove 225 LF of Existing MBGF,
 & 2 TAS

- MAILBOX TURNOUT
- OBJ MRK ASM TY 2 (OM-2SR) (A)
- DEL ASM TY A (D-SW)

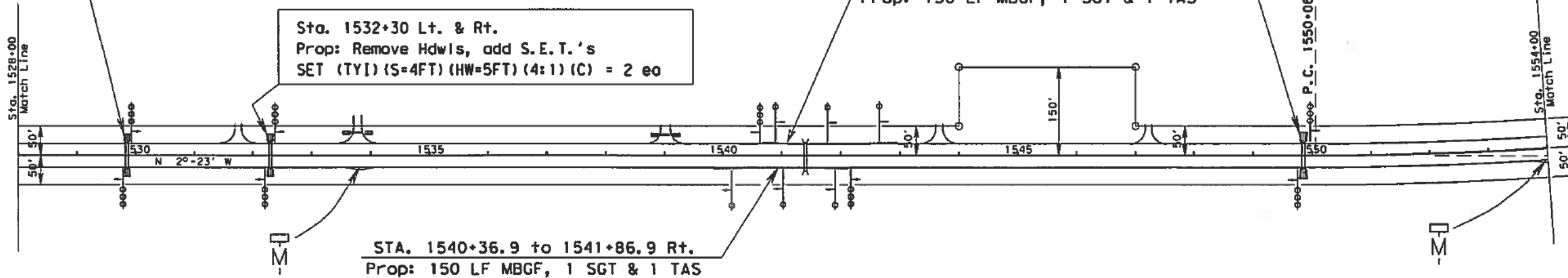
* NOTE: Drop inlet is being installed as a safety feature to replace existing basin. For construction details, see Sht. # 63.

Sta. 1529+85 Lt. & Rt.
 Prop: Remove Hdwls, add S.E.T.'s
 SET (TY1) (S=4FT) (HW=6FT) (4:1) (C) = 2 ea

Sta. 1532+30 Lt. & Rt.
 Prop: Remove Hdwls, add S.E.T.'s
 SET (TY1) (S=4FT) (HW=5FT) (4:1) (C) = 2 ea

STA. 1540+93 to 1542+43 Rt.
 Prop: 150 LF MBGF, 1 SGT & 1 TAS

Sta. 1549+85 Lt. & Rt.
 Prop: Remove Hdwls, add S.E.T.'s
 SET (TY1) (S=5FT) (HW=7FT) (4:1) (C) = 2 ea



STA. 1540+36.9 to 1541+86.9 Rt.
 Prop: 150 LF MBGF, 1 SGT & 1 TAS

Kenneth R. Dirksen
 Kenneth R. Dirksen, PE
 Date 11-1-00



PLAN VIEW
 SHEET 9 OF 11
 SCALE : 1" = 200' H&V

FED. PROJ. NO.		FEDERAL AID PROJECT NO.		SHEET NO.	
6		CSR 36-7-26		381	
STATE	STATE DIST. NO.	COUNTY			
TEXAS	SA	UVALDE			
CONTRACT NO.	SECT.	JOB NO.	HIGHWAY NO.		
0036	07	026	US 83		

© 1999 TxDOT

⊕ Exist. Steel Pipes w/Headwalls
to be removed under Item Prep R.O.W.

P.I. = 1557+37.8
 Δ = 14°-33' L
 D = 1°-00'
 T = 731.4'
 L = 1455.0'
 R = 5729.6'

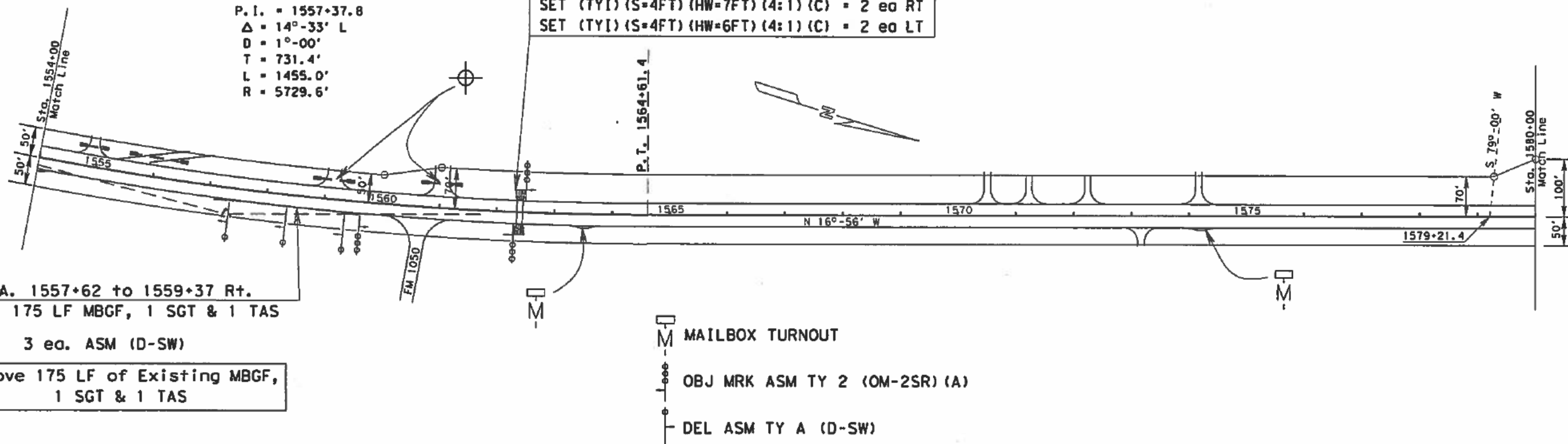
Sta. 1562+40 Lt. & Rt.
 Prop: Remove Hdws, add S.E.T.'s
 SET (TYI) (S=4FT) (HW=7FT) (4:1) (C) = 2 ea RT
 SET (TYI) (S=4FT) (HW=6FT) (4:1) (C) = 2 ea LT

STA. 1557+62 to 1559+37 Rt.
 Prop: 175 LF MBGF, 1 SGT & 1 TAS

3 ea. ASM (D-SW)

Remove 175 LF of Existing MBGF,
 1 SGT & 1 TAS

M MAILBOX TURNOUT
 OBJ MRK ASM TY 2 (OM-2SR) (A)
 DEL ASM TY A (D-SW)



Sta. 1580+80 Lt. & Rt.
 Prop: Remove Hdws, add S.E.T.'s
 SET (TYI) (S=4FT) (HW=7FT) (4:1) (C) = 8 ea

Remove 250 LF of Existing MBGF,
 & 2 TAS

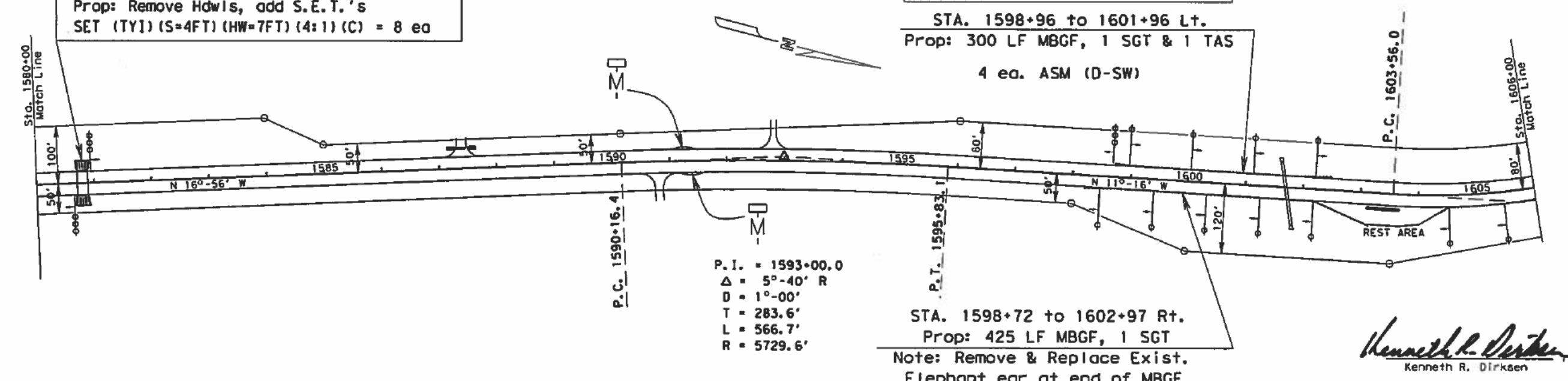
STA. 1598+96 to 1601+96 Lt.
 Prop: 300 LF MBGF, 1 SGT & 1 TAS
 4 ea. ASM (D-SW)

P.I. = 1593+00.0
 Δ = 5°-40' R
 D = 1°-00'
 T = 283.6'
 L = 566.7'
 R = 5729.6'

STA. 1598+72 to 1602+97 Rt.
 Prop: 425 LF MBGF, 1 SGT
 Note: Remove & Replace Exist.
 Elephant ear at end of MBGF.

5 ea. ASM (D-SW)

Remove 425 LF of Existing MBGF,
 & 1 TAS



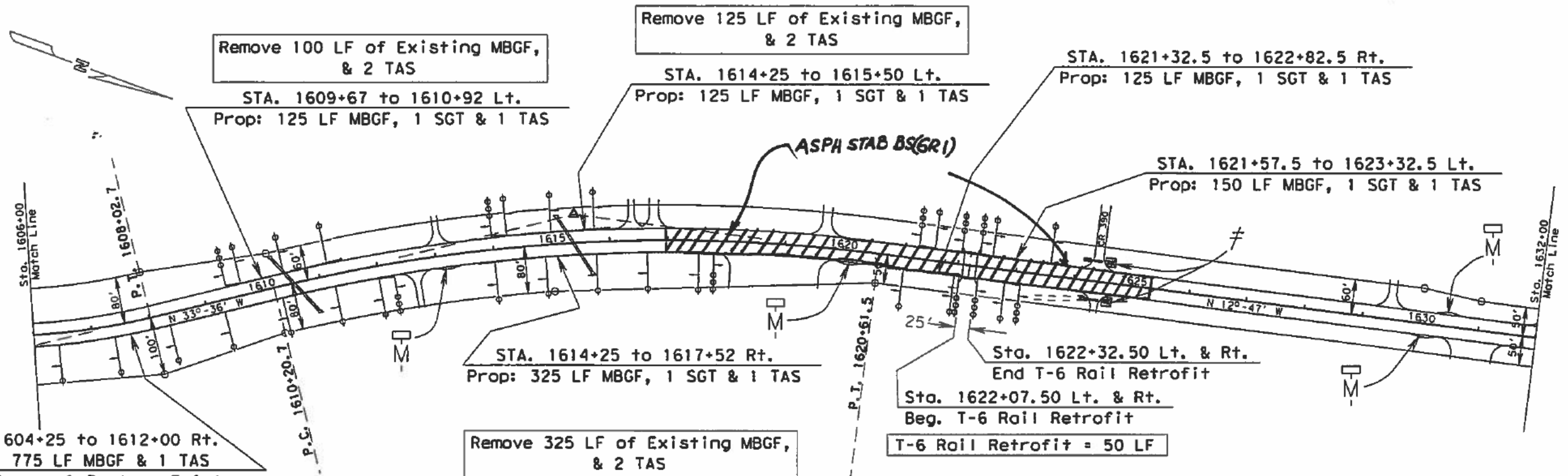
Kenneth R. Dirksen PE 11-1-00
 Kenneth R. Dirksen Date



PLAN VIEW
 SHEET 10 OF 11
 SCALE : 1" = 200' H&V

© 1999 TxDOT

FED. RD. DIST. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	CSR 36-7-26	38 J
STATE	STATE DIST. NO.	COUNTY
TEXAS	SA	UVALDE
CONTRACT NO.	SECT.	JOB
0036	07	026
		US 83



STA. 1604+25 to 1612+00 Rt.
Prop: 775 LF MBGF & 1 TAS
Note: Remove & Replace Exist.
Elephant ear at Beg. of MBGF.

Remove 725 LF of Existing MBGF,
& 1 TAS

Remove 100 LF of Existing MBGF,
& 2 TAS
STA. 1609+67 to 1610+92 Lt.
Prop: 125 LF MBGF, 1 SGT & 1 TAS

Remove 125 LF of Existing MBGF,
& 2 TAS
STA. 1614+25 to 1615+50 Lt.
Prop: 125 LF MBGF, 1 SGT & 1 TAS

STA. 1614+25 to 1617+52 Rt.
Prop: 325 LF MBGF, 1 SGT & 1 TAS

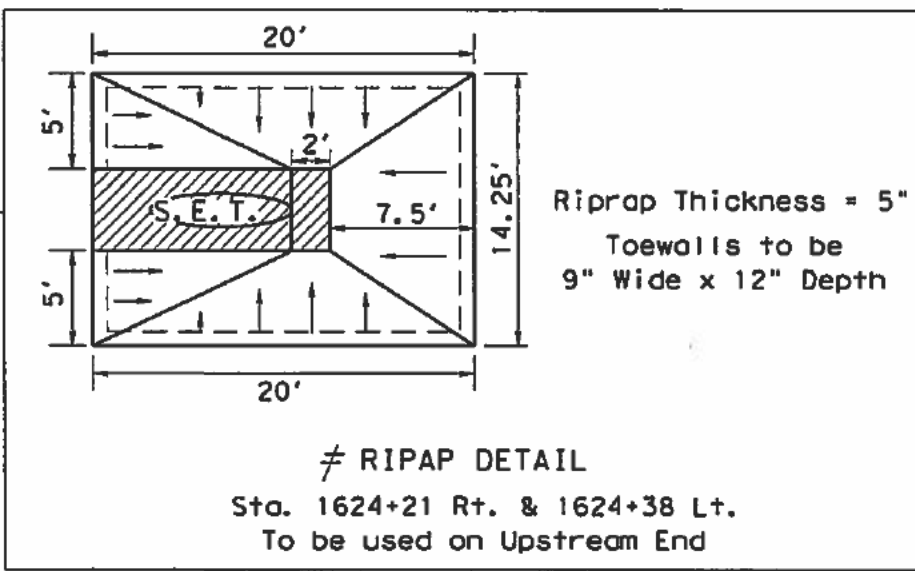
Remove 325 LF of Existing MBGF,
& 2 TAS

STA. 1621+32.5 to 1622+82.5 Rt.
Prop: 125 LF MBGF, 1 SGT & 1 TAS

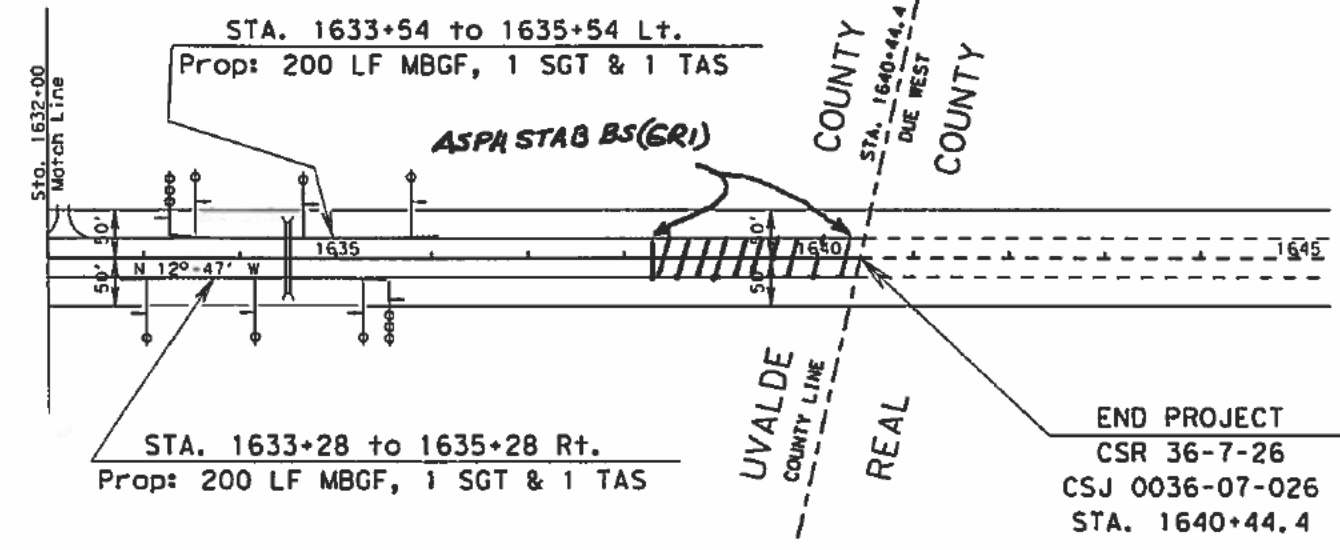
STA. 1621+57.5 to 1623+32.5 Lt.
Prop: 150 LF MBGF, 1 SGT & 1 TAS

Sta. 1622+32.50 Lt. & Rt.
End T-6 Rail Retrofit
Sta. 1622+07.50 Lt. & Rt.
Beg. T-6 Rail Retrofit
T-6 Rail Retrofit = 50 LF

P.I. = 1615+46.9
Δ = 20°-49' R
D = 2°-00'
T = 526.2'
L = 1040.8'
R = 2864.9'



- OBJ MRK ASM TY 2 (OM-2SR) (A)
- DEL ASM TY A (D-SW)
- M MAILBOX TURNOUT



STA. 1633+54 to 1635+54 Lt.
Prop: 200 LF MBGF, 1 SGT & 1 TAS

STA. 1633+28 to 1635+28 Rt.
Prop: 200 LF MBGF, 1 SGT & 1 TAS

END PROJECT
CSR 36-7-26
CSJ 0036-07-026
STA. 1640+44.4



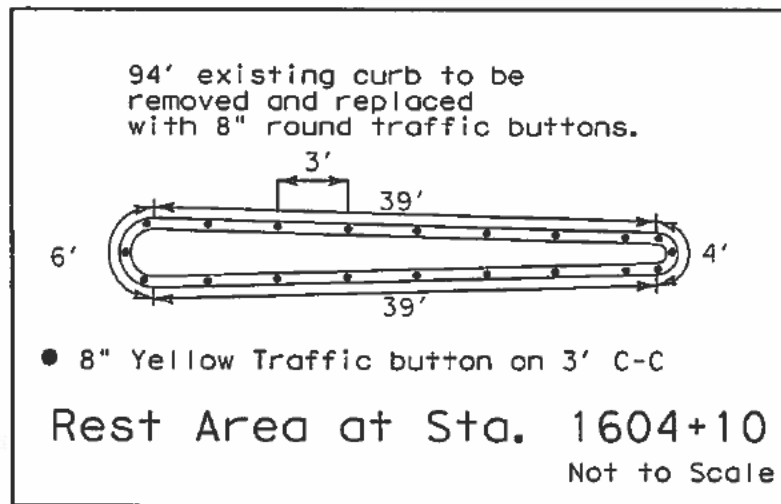
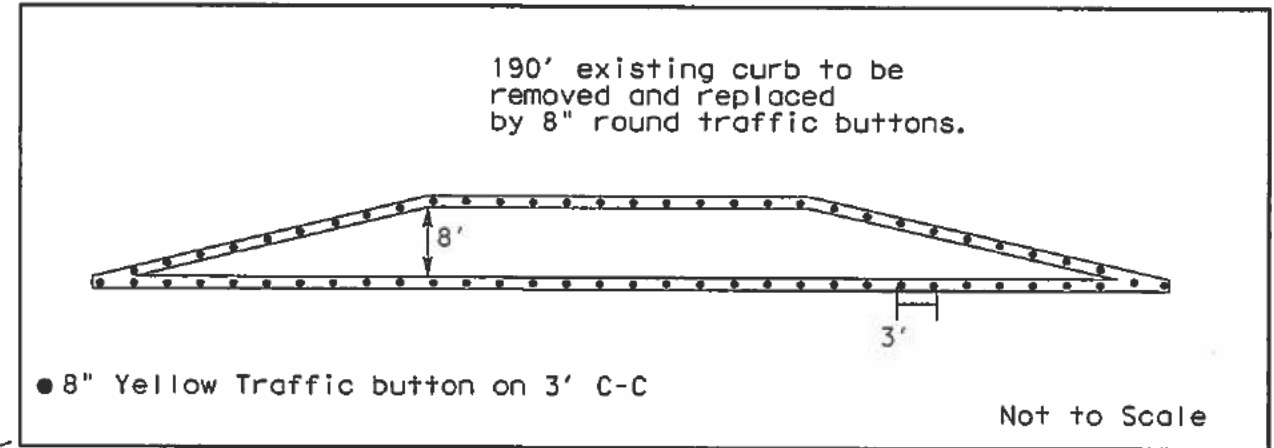
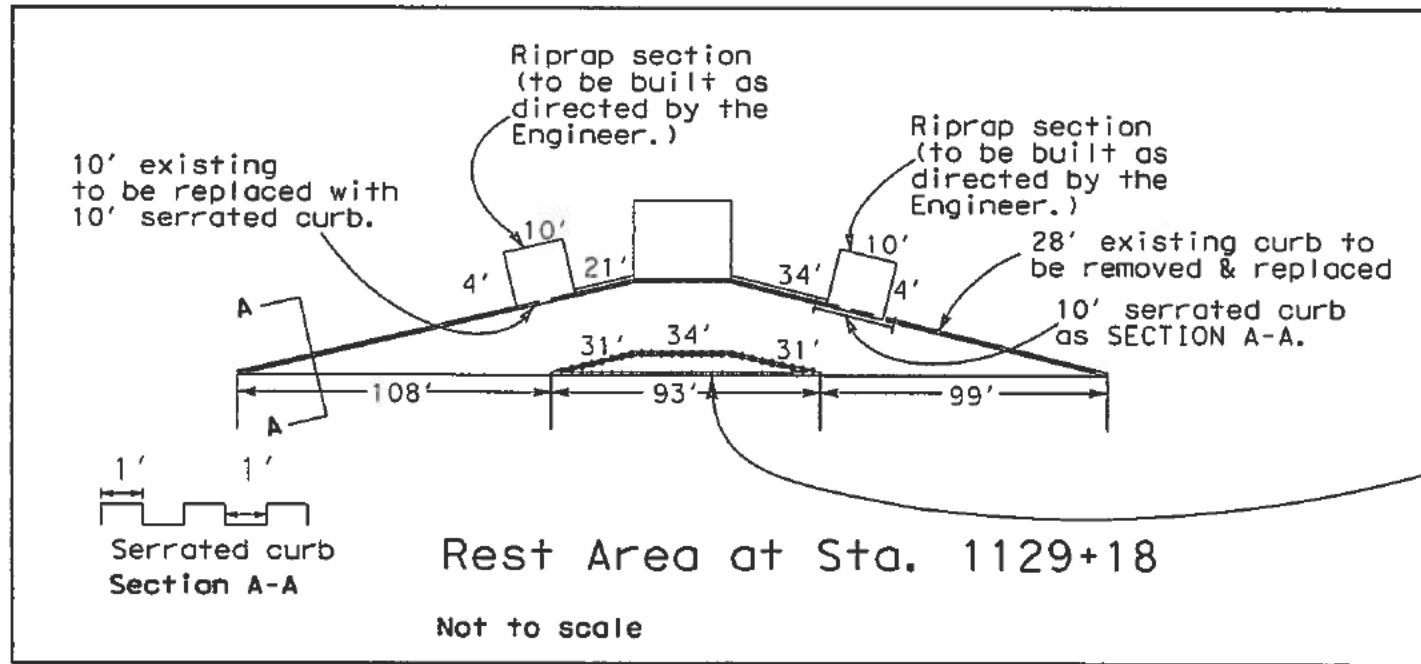
Kenneth R. Dirksen, PE
Kenneth R. Dirksen, PE 2-15-00
Date

rev. 10-18-98 fer

ACCI 0036-07-026

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 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

FILE: D:\FRANK1\work\ign\ign\us83a\imposarml\scdeta.dgn



ITEM NO.	DESCRIPTION	QUANTITY
104-514	REMOV CONC (CURB)	332 LF
150-503	BLAD	10 HR
432-501	RIPRAP CONC (CL B)	20 CY
529-501	CONC CURB (TY 1)	48 LF
531-503	WHEEL CHAIR RAMP	16 SY
672-521	RAIS PAV MRKR CL C (TRAF BTN) (8") TY Y	83 EA



Kenneth R. Dirksen P.E. 2-16-00
 Kenneth R. Dirksen Date

© 1999 TxDOT

FED. PROJ. DIST. NO.	FEDERAL AID PROJECT NO.	SHEET NO.	
6	CSR 36-7-26	40	
STATE	STATE DIST. NO.	COUNTY	
TEXAS	SA	UVALDE	
CONTR.	SECT.	JOB	HIGHWAY NO.
0036	07	026	US 83

MISCELLANEOUS REST AREA DETAILS

0017-07-086, etc.

December 14, 2005 Thru April 7, 2008

Installed flashing beacons at RM 1050

STATE OF TEXAS
DEPARTMENT OF TRANSPORTATION

FED. AID DIST. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	C 17-7-86, etc	1
STATE	STATE DIST.	COUNTY
TEXAS	SAT	FRIO, ETC
CONTRACT NO.	SECT.	JOB
0017	07	086 IH 35, ETC

DESIGN SPEED = N/A
AREA OF DISTURBED SOIL = 0.05 ACRES

INDEX OF SHEETS

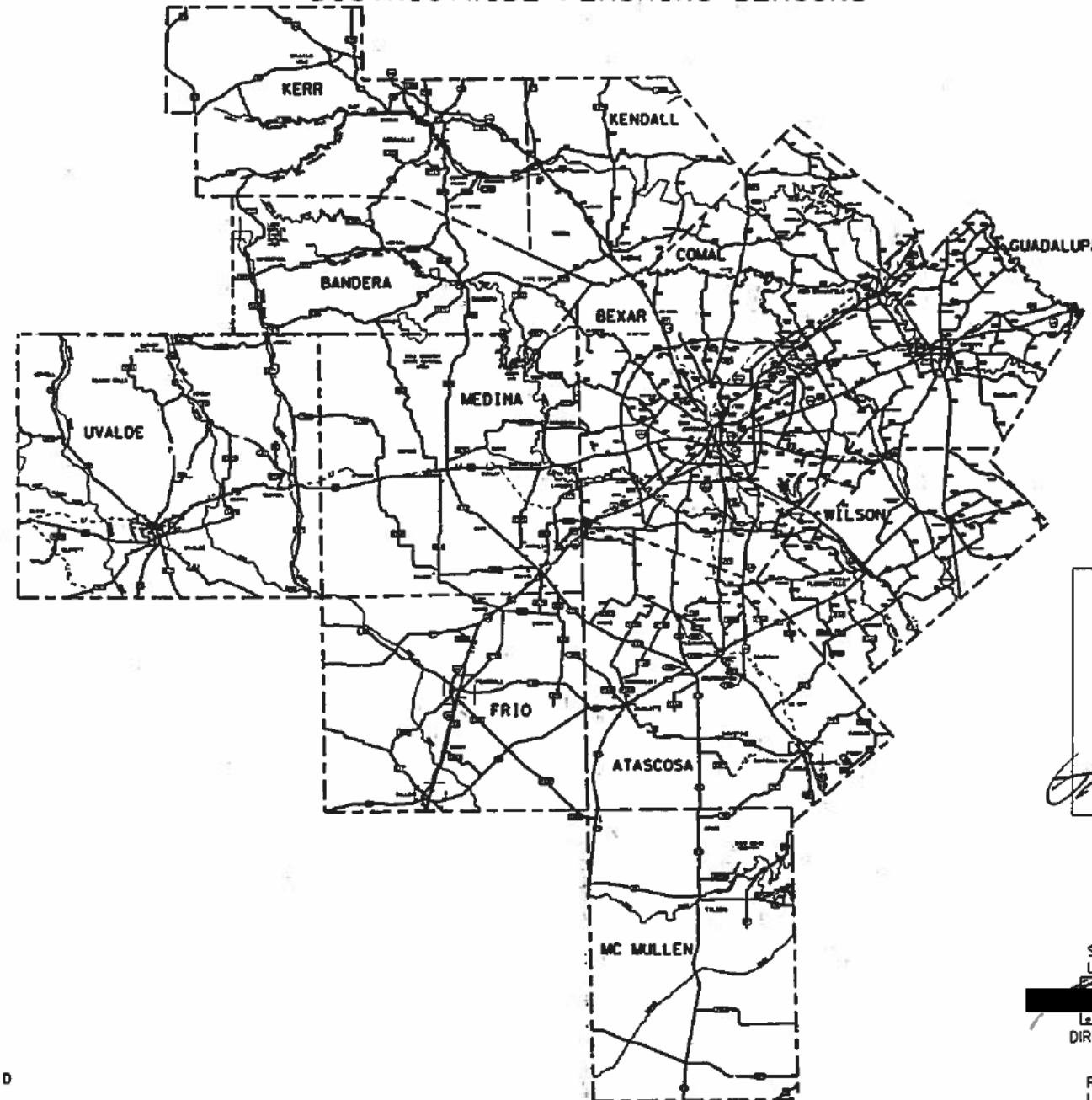
SHEET NO.	DESCRIPTION
1	TITLE SHEET
1A	CHANGE ORDERS
2	INDEX OF SHEETS

PLANS OF PROPOSED
STATE HIGHWAY IMPROVEMENT

FEDERAL AID PROJECT.
FRIO COUNTY, ETC.
PROJECT NO.: C17-7-86, ETC.
CSJ: 0017-07-086, ETC.
FOR THE WORK CONSISTING OF
DISTRICTWIDE FLASHING BEACONS

FINAL PLANS

LETTING DATE: July 07, 2005
DATE CONTRACTOR BEGAN WORK: Dec 14, 2005
DATE WORK WAS ACCEPTED: April 7, 2008
FINAL CONTRACT COST: \$ 463,762.37
CONTRACTOR: J&V Communication Services



FINAL PLANS STATEMENT:

THE CONSTRUCTION WORK WAS PERFORMED IN ACCORDANCE WITH THE PLANS AND CONTRACT.

[Signature] P.E. 4/9/08
AREA ENGINEER DATE

TEXAS DEPARTMENT OF TRANSPORTATION

SUBMITTED FOR LETTING 02/29/05

[Signature]
DIRECTOR OF TRANSPORTATION OPERATIONS

APPROVED FOR LETTING 6-15-05

[Signature]
DIRECTOR, TRAFFIC OPERATIONS DIVISION

RECOMMENDED FOR LETTING Feb 28 2005

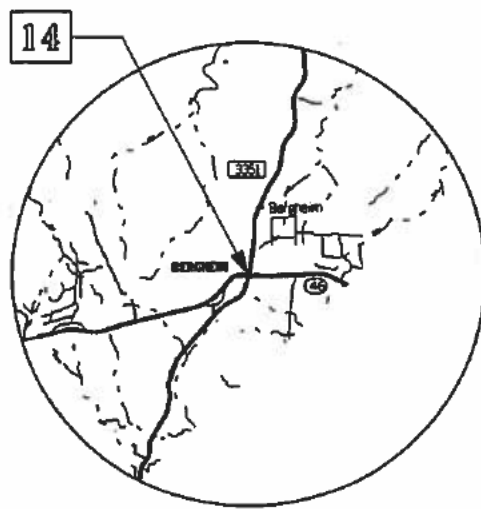
[Signature]
DISTRICT ENGINEER

APPROVED FOR LETTING

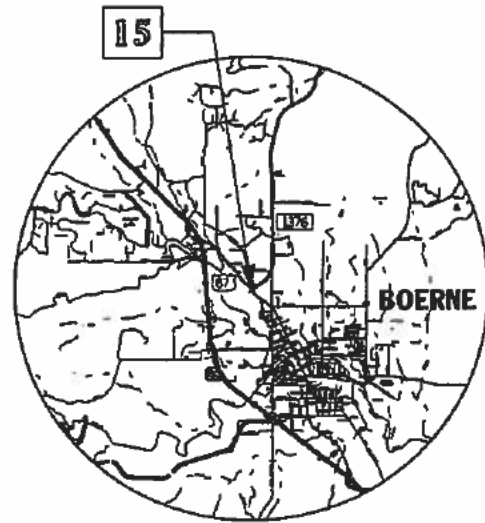
[Signature]
DIRECTOR, DESIGN DIVISION

SPECIFICATIONS ADOPTED - THE TEXAS DEPARTMENT OF TRANSPORTATION, JUNE 1, 2004 AND SPECIFICATION ITEMS LISTED AND DATED AS FOLLOWS, SHALL GOVERN ON THIS PROJECT: REQUIRED CONTRACT PROVISIONS FOR ALL FEDERAL-AID CONSTRUCTION CONTRACTS (FORM FHWA 1273, DECEMBER, 1993).

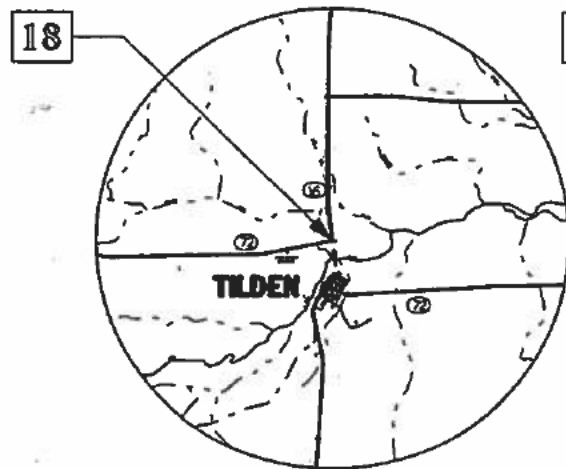
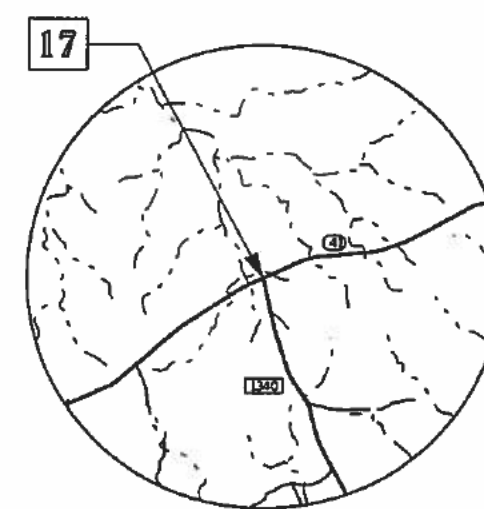
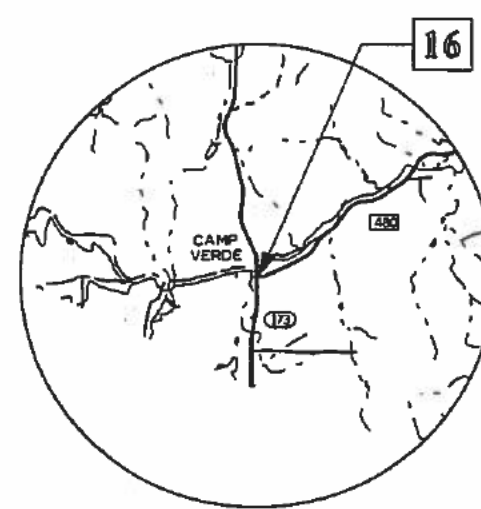
I:\engdata\Standards\Misc\TITLE
 FILE LOCATION AND NAME
 COUNTY, Ind. etc PROJ. NO. C17-7-86
 HWY. NO. 17105 LETTING DATE 7/7/05
 DATE ACCEPTED



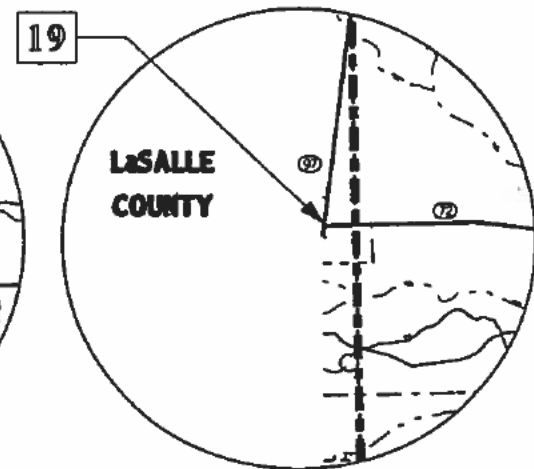
KENDALL COUNTY



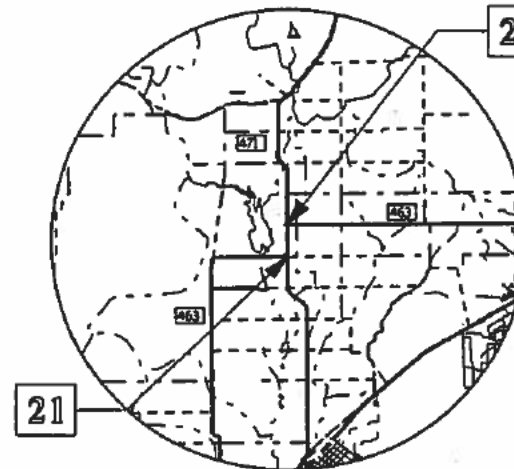
KERR COUNTY



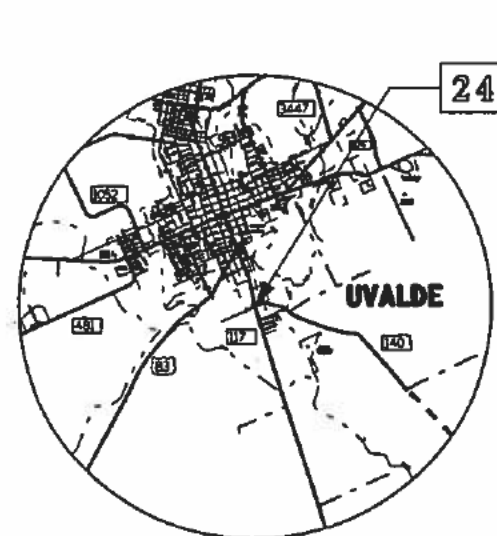
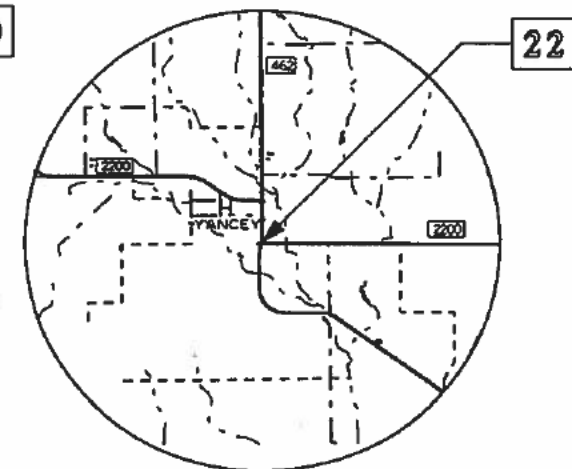
McMULLEN COUNTY



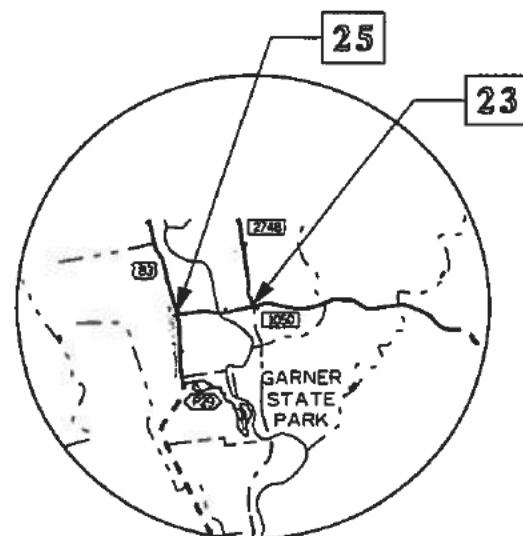
LaSALLE COUNTY



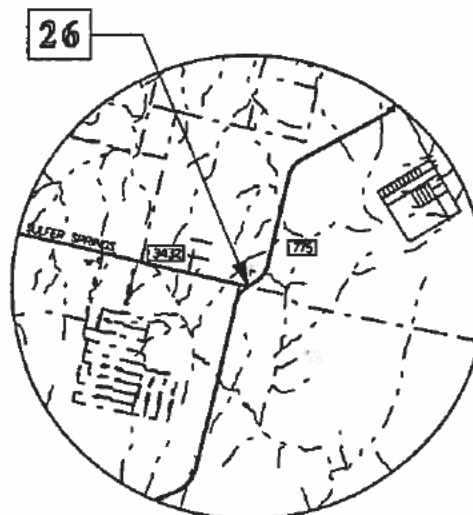
MEDINA COUNTY



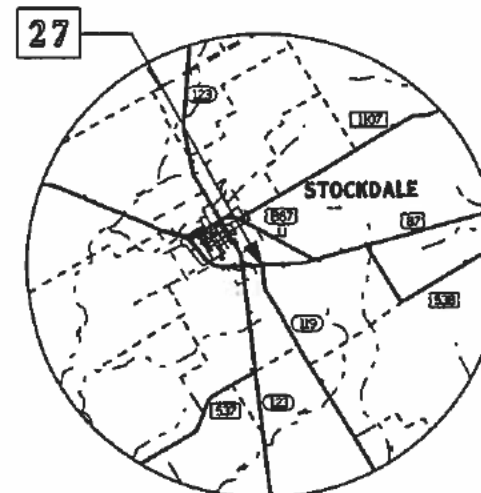
UVALDE COUNTY



23



WILSON COUNTY



LOCATION MAP

© 2005 Texas Department of Transportation

LEVELS DISPLAYED
 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 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
 ACCY
 FILE: .DCN

FED. RD. DIST. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	C17-7-86, ETC	4
STATE	DIST.	COUNTY
TEXAS	SAT	FRIO, ETC
CONTR.	SECT.	JOB
0017	07	086, ETC
		HIGHWAY NO.
		1H 35, ETC

NOTES:

THE CONTRACTOR SHALL CONTACT MR. GILBERT MEIER (TXDOT SIGNAL SHOP) AT 615-5975 96 HOURS PRIOR TO CONSTRUCTION.

THE CONTRACTOR SHALL CONNECT FIELD WIRING TO CONTROLLER.

MOUNTING HEIGHT OF SIGNAL SPAN TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR.

ALL PVC SHALL BE SCHEDULE 80.

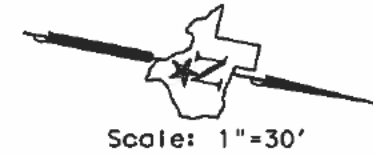
LUMINAIRES SHALL BE ORIENTED AS DIRECTED BY THE ENGINEER.

3/C#12 (TRAY CABLE) SHALL BE RUN IN A SEPARATE PIECE OF CONDUIT.

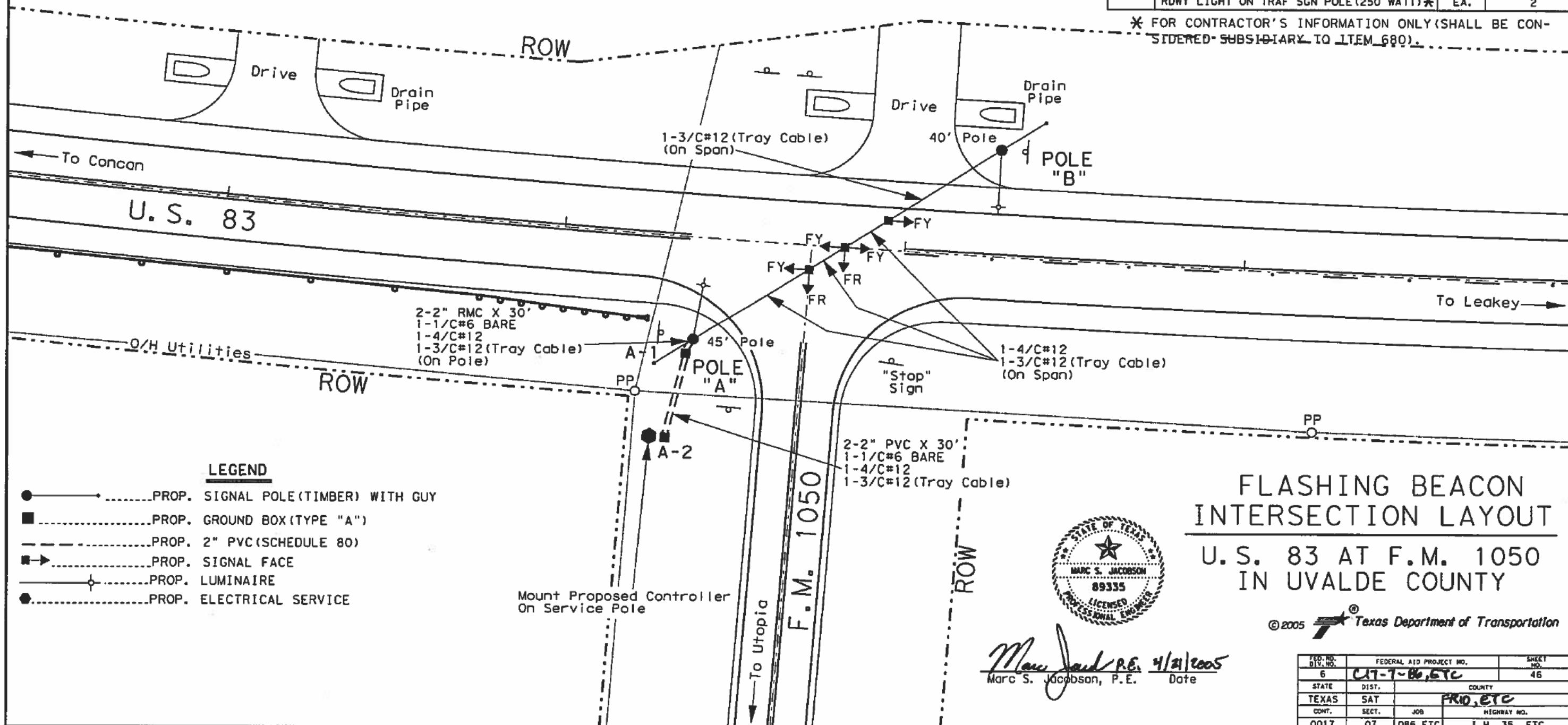
MATERIALS TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
618	CONDUIT: PVC (SCH 80) (2")	L.F.	60
618	CONDUIT: (RM) (2")	L.F.	60
620	ELECTRICAL CONDUCTOR (NO. 6) BARE	L.F.	70
621	TRAY CABLE (3 COND) (12 AWG)	L.F.	250
624	GROUND BOX (TYPE A) W/APRON	EA.	2
625	ZINC-COATED STEEL WIRE STRAND (5/16") *	L.F.	130
625	ZINC-COATED STEEL WIRE STRAND (3/8") *	L.F.	50
627	TREATED TIMBER POLES (45 FT) *	EA.	1
627	TREATED TIMBER POLES (40 FT) *	EA.	1
628	ELEC SERV TYD (120/240) 060 (NS) AL (E) TP (O)	EA.	1
680	INSTAL OF HWY TRAF SIG (FLASH BEACON)	EA.	1
682	VEH SIG SEC (12 IN) LED (YEL)	EA.	4
682	VEH SIG SEC (12 IN) LED (RED)	EA.	2
684	TRAF. SIG. CBL. (TY A) (4 COND.) (12 AWG)	L.F.	150
	RDWY LIGHT ON TRAF SGN POLE (250 WATT) *	EA.	2

* FOR CONTRACTOR'S INFORMATION ONLY (SHALL BE CONSIDERED SUBSIDIARY TO ITEM 680).



Shell
Convenience
Store



LEGEND

- PROP. SIGNAL POLE (TIMBER) WITH GUY
- PROP. GROUND BOX (TYPE "A")
- PROP. 2" PVC (SCHEDULE 80)
- ➔----- PROP. SIGNAL FACE
- ⊕----- PROP. LUMINAIRE
- PROP. ELECTRICAL SERVICE

Mount Proposed Controller
On Service Pole



Marc S. Jacobson P.E. 4/21/2005
Date
Marc S. Jacobson, P.E.

**FLASHING BEACON
INTERSECTION LAYOUT
U.S. 83 AT F.M. 1050
IN UVALDE COUNTY**

© 2005 Texas Department of Transportation

LEVELS DISPLAYED
 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
 ACC: 11/13/14 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
 DATE: 11/13/14 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
 FILE: .DGN

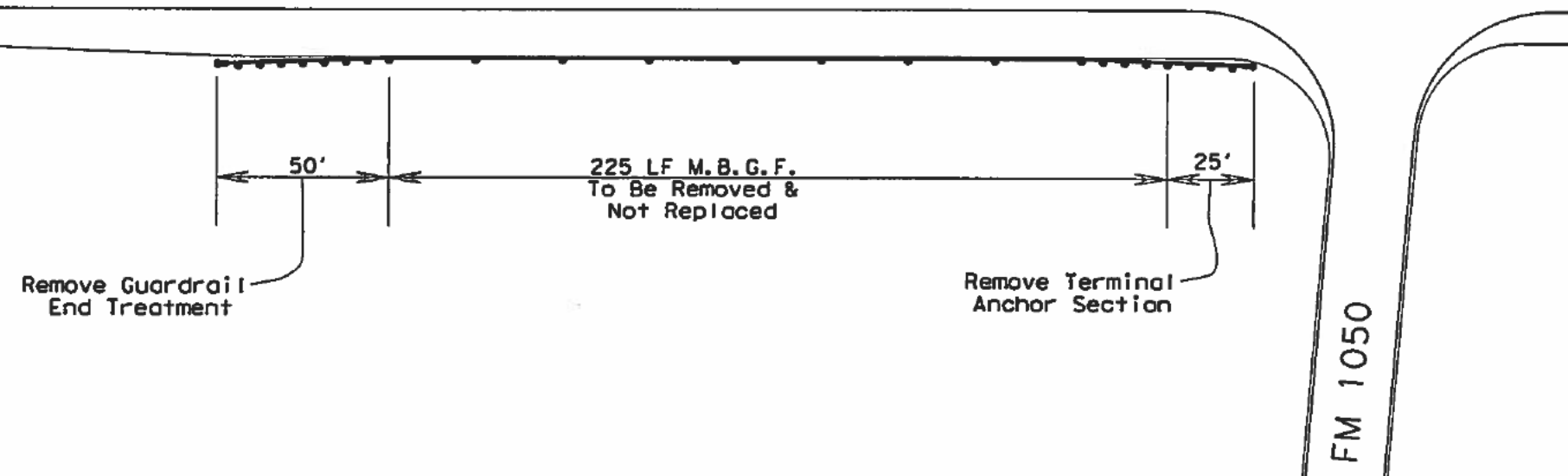
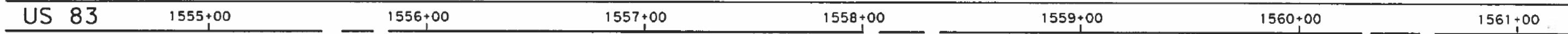
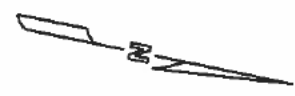
FED. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	UT-7-06, ETC	46
STATE	DIST.	COUNTY
TEXAS	SAT	FRIO, ETC
CONT.	SECT.	JOB
0017	07	086, ETC
		HIGHWAY NO.
		I.H. 35, ETC

SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	QTY.	UNIT
542-2001	REMOVING METAL BEAM GUARD FENCE	225.0	LF
542-2002	REMOVING TERMINAL ANCHOR SECTION	1.0	EA
544-2012	GDRAIL END TRT (REMOV) (WOOD POST) TY III	1.0	EA

NOTES: All Metal Beam Guardfence, Terminal Anchor Section and Guardrail End Treatment elements are to remain the property of TxDOT and should be carefully removed to prevent damage and stored on State property adjacent to US 83 located approximately 2 miles south of US 83/RM 1050 intersection.

Holes from removal of guard fence posts, soil tubes and anchors are to be backfilled with Ready Mix Cement Stabilized Backfill as approved by the Engineer.



US 83/FM 1050 INTERSECTION
M. B. G. F. REMOVAL



Kenneth R. Dirksen, PE 2-29-05
Kenneth R. Dirksen Date

© 2005 TxDOT

NOT TO SCALE

FED. NO. DIST. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	C17-7-86, ETC	47
STATE	DIST.	COUNTY
TEXAS	SAT	FRIO, ETC
CONT.	SECT.	JOB HIGHWAY NO.
0017	07	086, ETC I. H. 35, ETC

LEVELS DISPLAYED
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
ACC: _____
FILE: A.DGN

0036-07-030,etc.

March 15, 2010 Thru October 1, 2010

Installed advance warning flashing beacons and rumble strips at RM 1050

STATE OF TEXAS
DEPARTMENT OF TRANSPORTATION

DESIGN SPEED = N/A
AREA OF DISTURBED SOIL = 0.15 AC

FED. AID PROJECT NO.	STATE	COUNTY	SHEET NO.
STP 2010 (257) HES	TEXAS	SAT	1
AREA	SECT.	SEC.	SECTION NO.
0036	07	434, ETC.	US 83, ETC.

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	LOCATION MAP & PROJECT INDEX
3-38	GENERAL NOTES
4	ESTIMATE & QUANTITY
5	FLASHING BEACON SUMMARY
6	SCHD OF BARR., WARNING DEVICES & SEQ OF WORK
7-18	*BC (1-12)-07
19	*WZ (TD)-03
20	*WZ (BRK)-03
21	*TCP (2-1)-98
22-23	US 83 @ RM 1050 FLASHING BEACON
24	US 281 @ FM 3006 FLASHING BEACON
25	US 281 @ FM 1470 FLASHING BEACON
26	*RS (41)-06
27	*SPRFBA (2)-04
28	*TS-FD-99
29	*ED (1)-03
30	*ED (2)-03
31	*ED (3)-03
32	*ED (4)-03
33	*ED (5)-03
34	SWIP NARRATIVE
35	EPTC

PLANS OF PROPOSED
STATE HIGHWAY IMPROVEMENT

FEDERAL AID PROJECT
STP 2010 (257) HES
UVALDE, ETC.
PROJECT NO.
CONTROL: 0036-07-030, ETC.

NET LENGTH OF PROJECT = 1.50 MI = 7,920.0 FT

FOR THE CONSTRUCTION OF FLASHING BEACONS, SAFETY LIGHTING & RUMBLE STRIPS


FINAL PLANS

LETTING DATE: Jan. 05, 2010
DATE CONTRACTOR BEGAN WORK: Mar. 15, 2010
DATE WORK WAS ACCEPTED: Oct 1, 2010
FINAL CONTRACT COST: 10,013.56
CONTRACTOR: The Levy Company

FINAL PLANS STATEMENT:

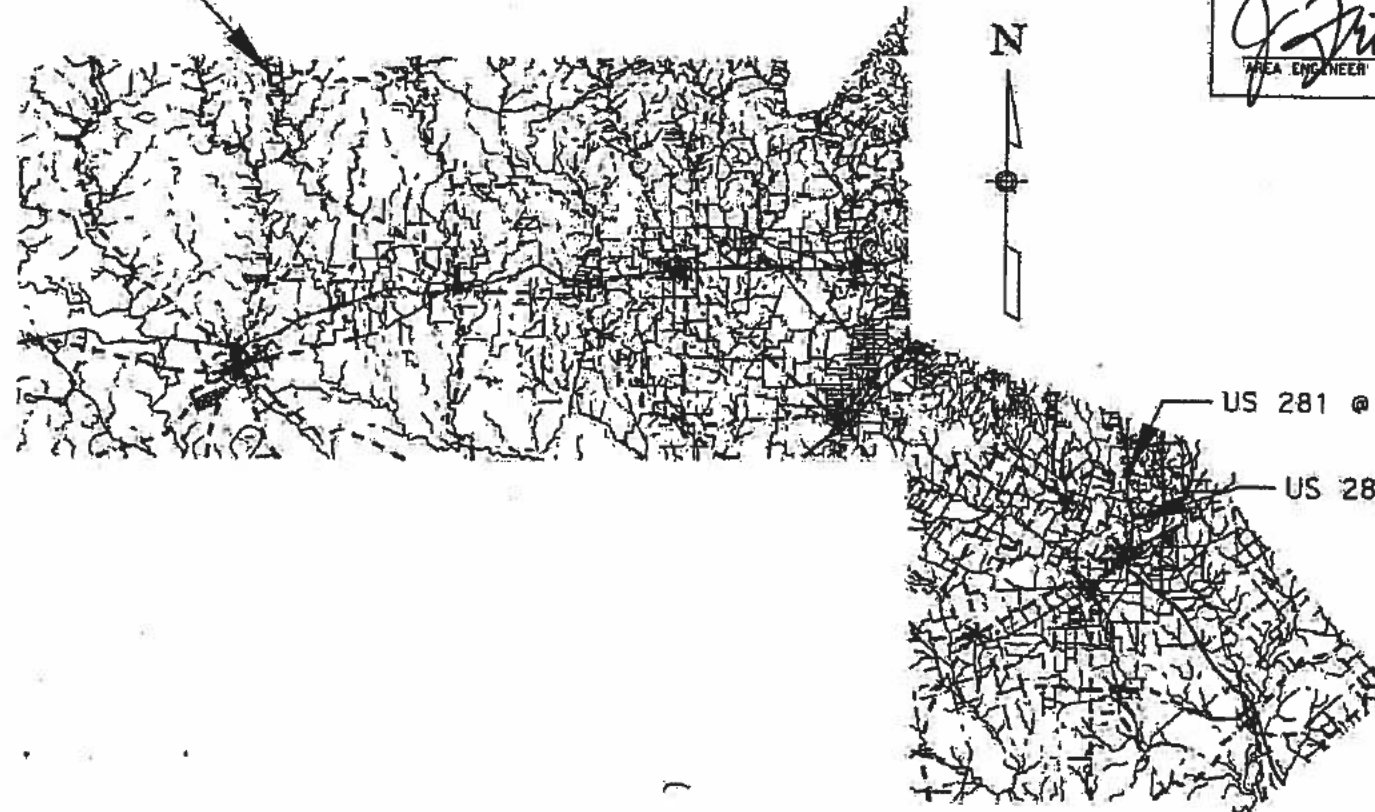
THE CONSTRUCTION WORK WAS PERFORMED IN ACCORDANCE WITH THE PLANS AND CONTRACT.

J. Friesenhahn 10/14/2010
AREA ENGINEER DATE



TEXAS DEPARTMENT OF TRANSPORTATION

US 83 @ RM 1050



Gilbert R.W. Sanchez 10-19-09
Gilbert R.W. Sanchez, P.E. DATE

THE STANDARD SHEETS SPECIFICALLY IDENTIFIED ABOVE (*) HAVE BEEN SELECTED BY ME OR UNDER MY RESPONSIBLE SUPERVISION AS BEING APPLICABLE TO THIS PROJECT.

SPECIFICATIONS ADOPTED BY THE TEXAS DEPARTMENT OF TRANSPORTATION, JUNE 1, 2004 AND SPECIFICATION ITEMS LISTED AND DATED AS FOLLOWS, SHALL GOVERN ON THIS PROJECT: REQUIRED CONTRACT PROVISIONS FOR ALL FEDERAL-AID CONSTRUCTION CONTRACTS (FORM FHWA 1273, MARCH 1994).

EXCEPTIONS: NONE
EQUATIONS: NONE
RR X-INGS: NONE

CONCURRENCE []

APPROVED FOR LETTING 12-7-09
[Signature] P.E.
DIRECTOR, TRAFFIC OPERATIONS DIVISION

APPROPRIATE TITLE []

RECOMMENDED FOR LETTING 10/19/09
[Signature] P.E.
DIRECTOR, TRANSPORTATION OPERATIONS

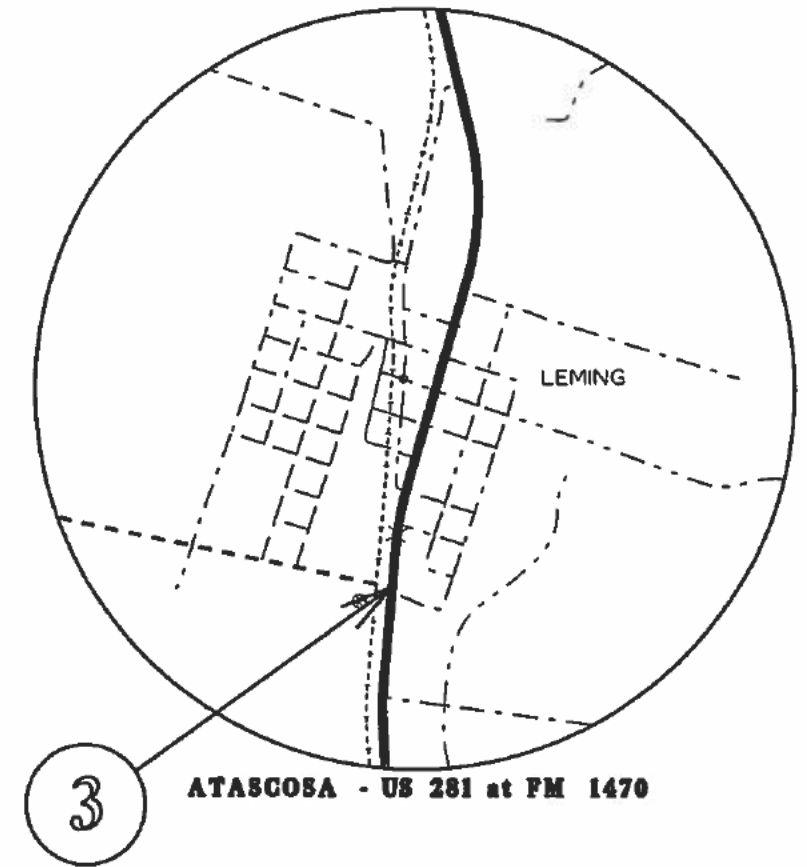
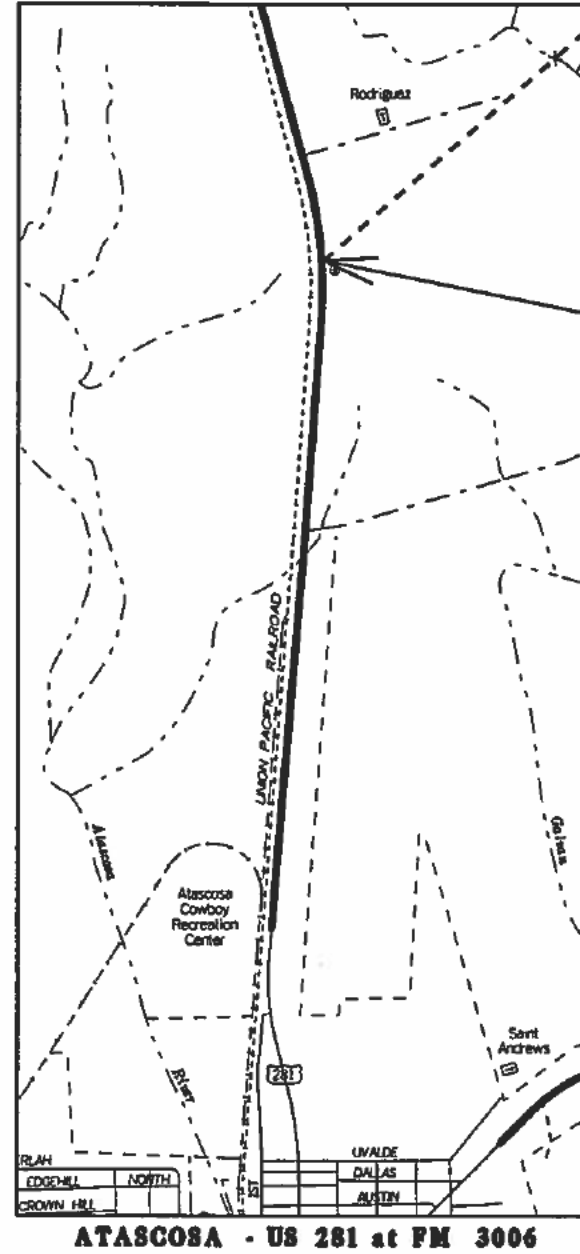
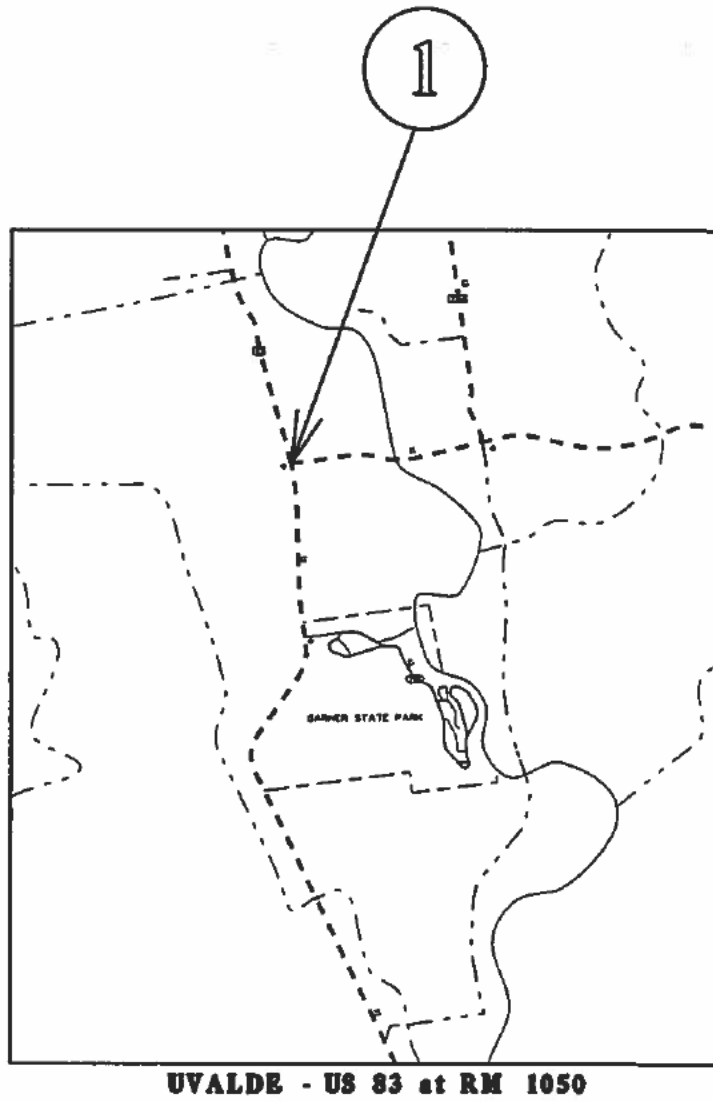
RECOMMENDED FOR LETTING 10/19/09
[Signature] P.E.
DISTRICT ENGINEER

APPROVED FOR LETTING []
DIRECTOR, DESIGN DIVISION

T:\engodora\Standards\Mapsec\TITLESHT.DGN
 FILE LOCATION AND NAME
 UVALDE
 COUNTY Uvalde
 PROJ. NO. 257
 HWY. NO. 1036
 LETTING DATE 10/19/09
 DATE ACCEPTED

STP 2010 (257) HES

REF. NO.	COUNTY	HIGHWAY	CONTROL-SECTION-JOB	PROJECT LIMITS		REF MARKER				MILE POINT		PROJECT LENGTH (mi)
				FROM	TO	FROM	DISP (+)	TO	DISP (+)	FROM	TO	
1	Uvalde	US 83	0036-07-030	A+ RM 1050		550	1.2000	550	1.7000	1.2	1.70	0.5
2	Atascosa	US 281	0073-03-060	A+ FM 3006		572	0.7440	572	1.2440	8.7	9.20	0.5
3	Atascosa	US 281	0073-03-061	A+ FM 1470		568	0.9070	568	1.4070	4.9	5.40	0.5
TOTAL LENGTH											1.5	



LEVELS DISPLAYED
 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 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
 ACC:



Gilbert R.W. Sanchez 10-19-09
 Gilbert R.W. Sanchez, P.E. DATE

SCALE: N. T. S.

© 2009 Texas Department of Transportation

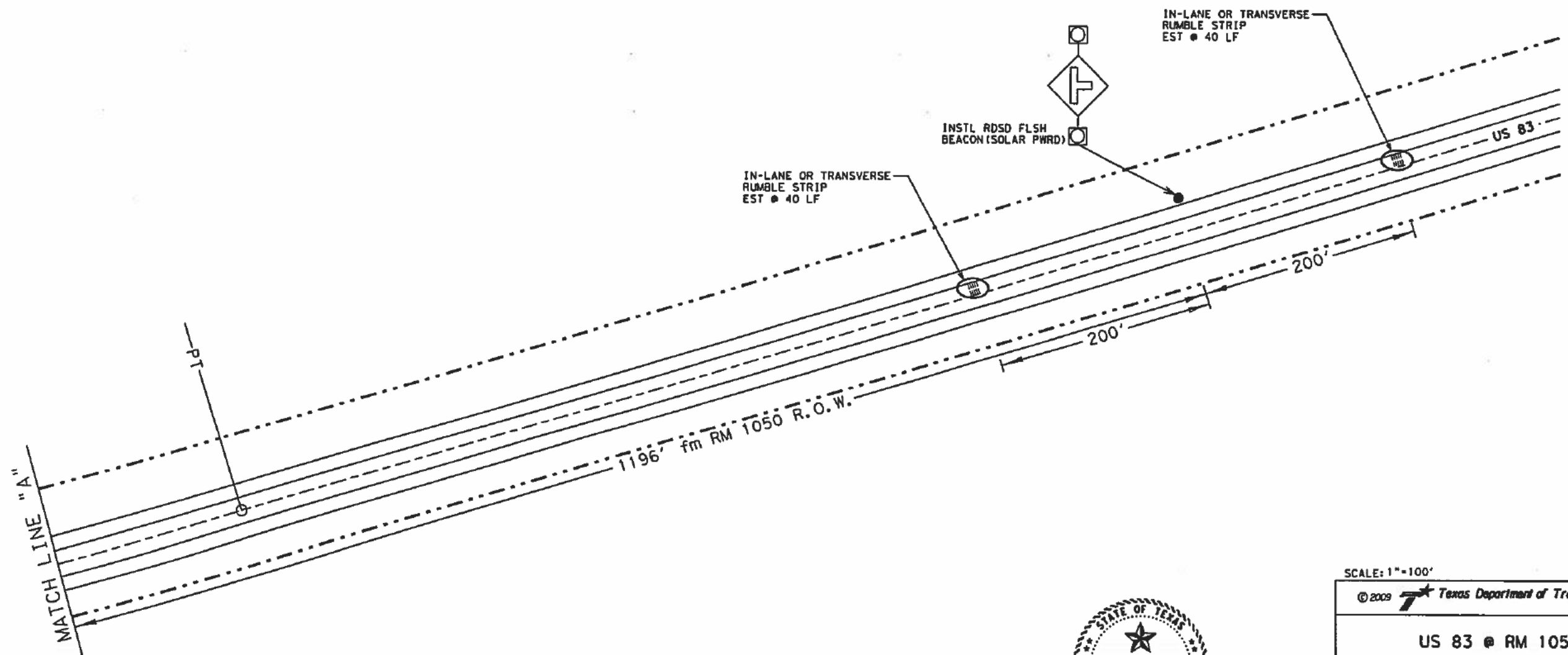
LOCATION MAPS AND INDEX

FIG. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	STP 2(10)(251)MS	2
STATE	DIST.	COUNTY
TEXAS	SAT	UVALDE, ETC.
CONT.	SECT.	JOB
0036	07	030, ETC
		HIGHWAY NO.
		US 83, ETC

- NOTES:
- FOUNDATION FOR ROADSIDE FLASHING BEACON ASSEMBLY SHALL BE A 24" DRILL SHAFT.
 - BATTERIES FOR SOLAR-POWERED OPERATION SHALL BE INSTALLED IN THE FLASHER CONTROLLER CABINET.



ITEM NO.	DESCRIPTION	UI	QTY
416	DRILL SHAFT (TRF SIG POLE) (24 IN)	LF	5.7
644	REMOVE SM RD SN SUP&AM	EA	0
644	REMOVE SM RD SN SUP&AM (SIGN ONLY)	EA	0
685	INSL RDSO FLSH BEACON ASSM (SOLAR PWRD)	EA	1
6055	IN-LANE OR TRANSVERSE RUMBLE STRIP	LF	80



LEVELS DISPLAYED	DATE	BY	FILE
1	12/13/14	15	16
2	17	18	19
3	20	21	22
4	23	24	25
5	26	27	28
6	29	30	31
7	32	33	34
8	35	36	37
9	38	39	40
10	41	42	43
11	44	45	46
12	47	48	49
13	50	51	52
14	53	54	55
15	56	57	58
16	59	60	61
17	62	63	64
18	65	66	67
19	68	69	70
20	71	72	73
21	74	75	76
22	77	78	79
23	80	81	82
24	83	84	85
25	86	87	88
26	89	90	91
27	92	93	94
28	95	96	97
29	98	99	100



Gilbert R.W. Sanchez 10-19-09
 Gilbert R.W. Sanchez, P.E. DATE

SCALE: 1" = 100'

© 2009 Texas Department of Transportation

**US 83 @ RM 1050
 FLASHING BEACON
 INTERSECTION LAYOUT**

SHEET 2 OF 2

FED. NO. DIST. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	STP 2010 (257) HES	23
STATE	DIST.	COUNTY
TEXAS	SAT	UVALDE, ETC.
CONT. SECT.	JOB	HIGHWAY NO.
0036	07 030, ETC	US 83, ETC

0016-19-022, etc.

June 7, 2010 Thru November 15, 2010

Seal Coat and Pavement Markings Installed

STATE OF TEXAS
DEPARTMENT OF TRANSPORTATION

6	STP 2010 (352), etc.	1
STATE	DISTRICT	COUNTY
TEXAS	SAT	COMAL, etc.
CMT.	SECT.	JOB
0016	19	022, FM 482, etc.

INDEX OF SHEETS

SHEET NO. DESCRIPTION

SEE SHEET #2 FOR INDEX OF SHEETS

CHANGE ORDERS

C.O. 1

This change order will address re-surfacing the wheel paths for approximately 12 miles in the Eastbound and Westbound lanes of SH 27, CSJ 0142-05-078. This is one of the roadways which was sealed during the District seal coat project. TxDot is requesting the contractor construct a 2' strip seal in each wheel path to address "bleeding" issues due to excessively high temperatures and heavy traffic on this roadway.

Line # 0926 will be added to make payment for the aggregate to be used.
Line # 0931 will be added to make payment for the asphalt to be used.
Line # 0936 will be added to make payment for mobilization, barricades and bonding.

The contractor has furnished a breakdown for the prices quoted and they have been reviewed and found acceptable by the District Construction Engineer. Funding for this project is category 1: Preventive Maintenance and Rehabilitation.

C.O. 2

This change order is being executed to change the grade of aggregate being used on CSJ 0143-04-061 and CSJ 0143-04-030. At the request of the maintenance foreman in Wilson County the aggregate being placed was changed from grade 4 aggregate to grade 3 aggregate. The roadways were located in a rural areas so the request was granted.

This change order will address the removal of the grade 5 aggregate proposed on CSJ 0142-05-078 and CSJ 0421-05-027. Due to high volume bicycle traffic the Area Engineer elected not to place the grade 5 aggregate on the shoulders of the roadway.

This change order will also address the addition of striping items and turnouts or intersections on several CSJ's which were omitted from the original PS&E.

Sheets 62, 63, 69 and 70 will be revised by this change order.

PLANS OF PROPOSED
STATE HIGHWAY IMPROVEMENT

FEDERAL AID PROJECT

STP 2010 (354), etc.

CJS: 0016-19-022, etc.

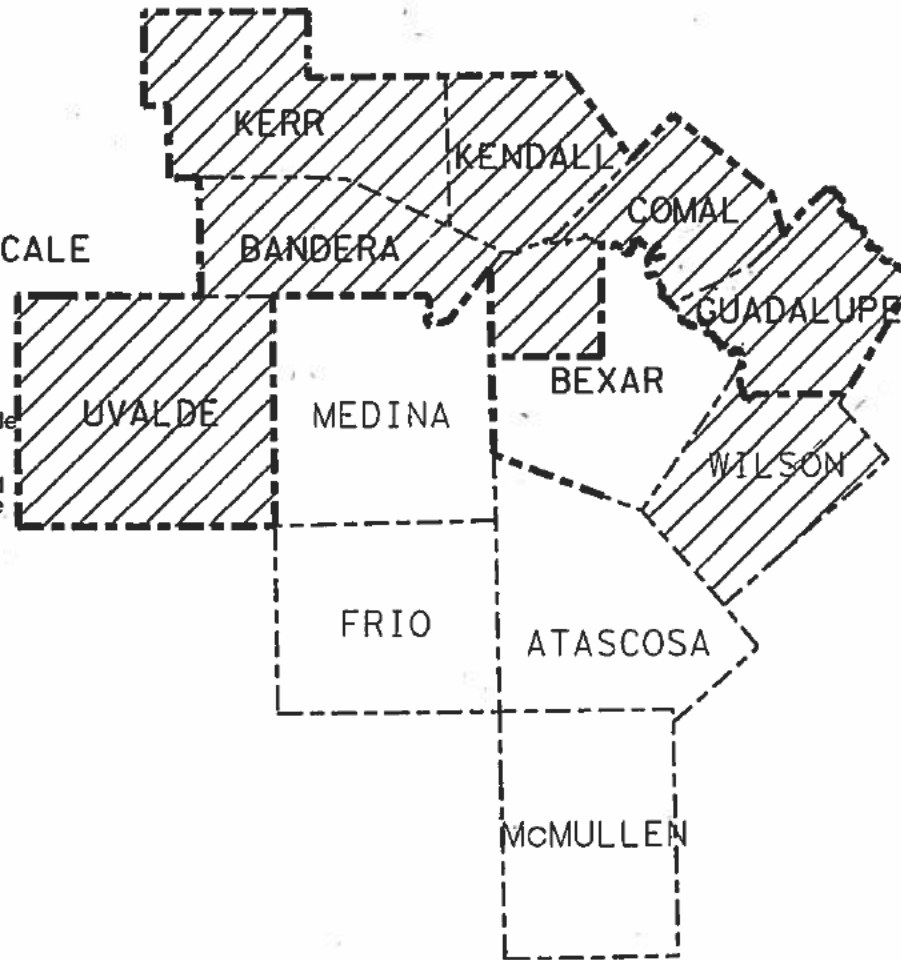
COMAL COUNTY, etc.

FROM: 1.0 MILE WEST OF IH-35, etc.

TO: IH-35, etc.

NET LENGTH OF PROJECT = 168.664 MILES = 890,546 FT.

FOR THE CONSTRUCTION OF SEAL COAT,
CONSISTING OF SEAL COAT & PAVEMENT MARKINGS



NOT TO SCALE

DESIGN SPEED = N/A
AREA OF DISTURBED SOIL = < 1 ACRE
ADT = VARIES

FINAL PLANS

LETTING DATE: 11-06-2010
DATE CONTRACTOR BEGAN WORK: 06-07-2010
DATE WORK WAS ACCEPTED: 11-15-2010
FINAL CONTRACT COST: \$ 6,149,617.96
CONTRACTOR: Ronald R. Wagner & Co. L.P.

FINAL PLANS STATEMENT:

THE CONSTRUCTION WORK WAS PERFORMED IN ACCORDANCE WITH THE PLANS.

Michael A. Coward P.E. 11/19/2010
AREA ENGINEER DATE

TEXAS DEPARTMENT OF TRANSPORTATION

APPROVED FOR LETTING
DIRECTOR, TRAFFIC OPERATIONS DIVISION

SUBMITTED FOR LETTING
[Signature]
AREA ENGINEER

RECOMMENDED FOR LETTING
[Signature]
DISTRICT ENGINEER

APPROVED FOR LETTING
DIRECTOR, DESIGN DIVISION

SPECIFICATIONS ADOPTED BY THE TEXAS DEPARTMENT OF TRANSPORTATION, JUNE 1, 2004 AND SPECIFICATION ITEMS LISTED AND DATED AS FOLLOWS, SHALL GOVERN ON THIS PROJECT: REQUIRED CONTRACT PROVISIONS FOR ALL FEDERAL-AID CONSTRUCTION CONTRACTS (FORM FHWA 1273, MARCH, 1994).

EXCEPTIONS: NONE
EQUATIONS: NONE
RR X-INGS: NONE

T:\engdata\Standards\Misc\TITLE.SHT.dgn
g:\903027\PS&E\Title.dgn

COMAL STP 2010 (352)

COUNTY: _____ PROJ. NO. _____
HWY. NO. _____ LETTING DATE _____
DATE ACCEPTED _____

INDEX OF SHEETS

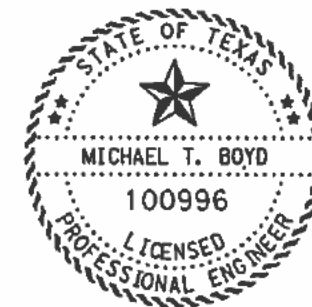
		SHEET #		DESCRIPTION
		1	-	TITLE SHEET
		2	-	INDEX OF SHEETS
		3	-	SEAL COAT PROJECT INDEX
		4	-	PAVEMENT MARKINGS PROJECT INDEX
5	-	17	-	LOCATION MAPS
18	-	18A-18d	-	GENERAL NOTES
		19	-	ESTIMATE AND QUANTITY
		20	-	ROADWAY SUMMARY
21	-	22	-	PAVEMENT MARKINGS SUMMARIES
23	-	25	-	SEQUENCE OF WORK
26	-	27	-	* TCP (1-1), (1-4) -98
28	-	32	-	* TCP (2-1), (2-6) -98, (2-2), (2-3), (2-4) - 03
33	-	35	-	* TCP (3-1), (3-2), (3-3) - 98
36	-	47	-	* BC (1-12) - 07
		48	-	* WZ (TD) - 03
		49	-	* WZ (STPM) - 03
50	-	73	-	SEAL COAT ROADS PLAN
74	-	76	-	DELETED
77	-	78	-	THERMO PLASTIC MARKINGS PLAN
		79	-	DELETED
80	-	88	-	THERMO PLASTIC MARKINGS PLAN
		89	-	DELETED
90	-	93	-	THERMO PLASTIC MARKINGS PLAN
		94	-	DELETED
		95	-	THERMO PLASTIC MARKINGS PLAN
		96	-	* PM (1) - 03
		97	-	* PM (2) - 08
		98	-	* PM (4) - 03
99	-	100	-	* PM (5), (6) - 01
		101	-	* PM (7) - 06
		102	-	DELETED
103	-	107	-	* TWO WAY LEFT TURN LANE DETAILS (SAT DIST)
		108	-	* TYPICAL CROSSWALK DETAILS (SAT DIST)
		109	-	STORM WATER POLLUTION PREVENTION PLAN (SW3P)
		110	-	SW3P PROJECT LIMITS
		111	-	EPIC

*TIMES

*DATES

*FILES

Rev 10/15/09



M.T. Boyd 10/14/09
P.E. DATE

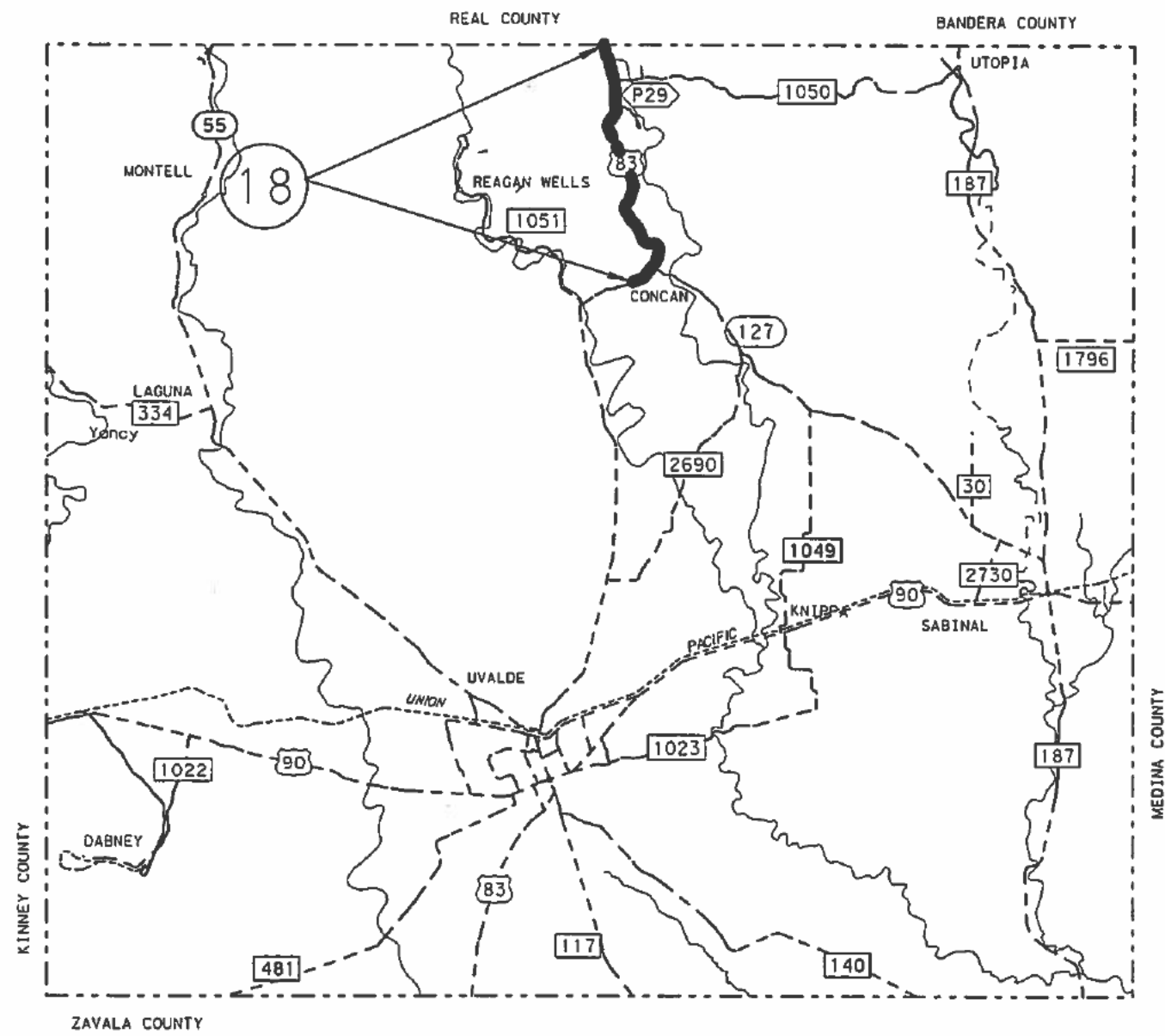
MICHAEL T. BOYD, P.E. DATE

THE STANDARD SHEETS SPECIFICALLY IDENTIFIED ABOVE (*),
HAVE BEEN SELECTED BY ME OR UNDER MY RESPONSIBLE
SUPERVISION AS BEING APPLICABLE TO THIS PROJECT

INDEX
OF
SHEETS
FM 482, etc.

© 2010 Texas Department of Transportation			
FED. DIST. NO.	PROJECT NO.	SHEET NO.	
6	CPM 72-5-84, etc	2	
STATE	STATE DIST. NO.	COUNTY	
TEXAS	SAT	COMAL, etc.	
CONTR.	SECT.	JOB	HIGHWAY NO.
0016	19	022	FM 482, etc.

REF #	CTRL--SEC	JOB	HWY. CLASS	HWY. NO.	LENGTH (MI)	ADT
18	0036-07	031	US	83	11.44	1,700



UVALDE COUNTY
NOT TO SCALE

Rev. 10/15/09



Michael T. Boyd, P.E.
DATE: 10/14/09

SEAL COAT
ROADWAYS

SHEET 7 OF 8

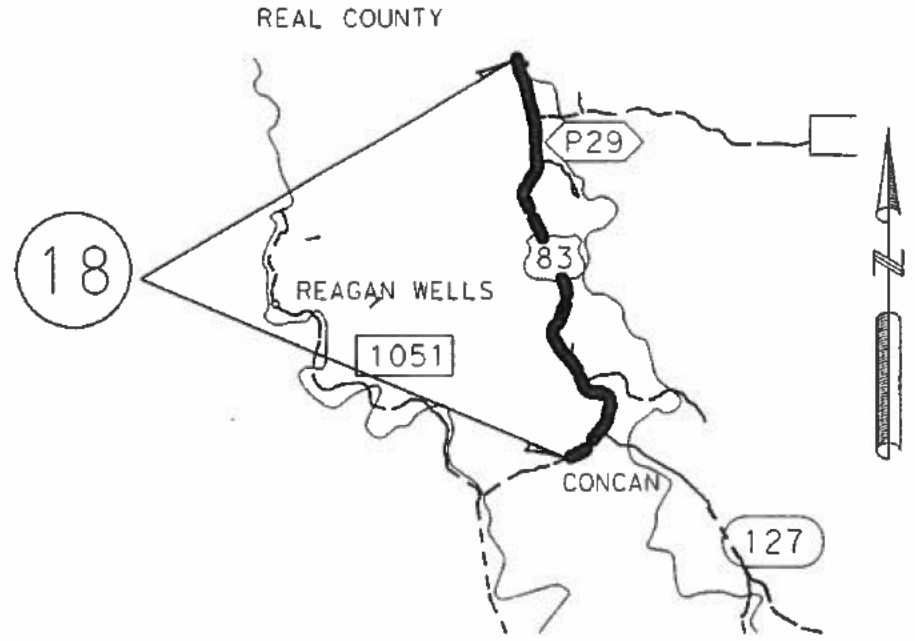
© 2010 Texas Department of Transportation	
FED. RD. DIV. NO.	PROJECT NO.
6	STP 2010 (352), etc. 11
STATE	STATE DIST. NO.
TEXAS	SAT
COUNTY	COUNTY
COMAL, etc.	
CONTRACT NO.	SECTION NO.
0016	19
JOB NO.	SECTION NO.
022	FM 482, etc.

\$ TIME \$
\$ DATES \$
\$ FILES \$

LOCATIONS	AREA		RATE		SPRAY PATTERN	ASPHALT TYPE	QUAN		TYPE	AGGREGATE RATE		QUAN	
	FINAL SY	EST. SY	FINAL GAL/SY	EST. GAL/SY			FINAL GAL	EST. GAL		FINAL CY/SY	EST. CY/SY	FINAL CY	EST. CY
	MAIN LANES		145,867				0.38	STD		ASPH (AC-15P or AC-20XP or 10-2TR)		55,429	TY PB GR 3 SAC B
SHOULDER		111,001		0.22	STD	ASPH (AC-15P or AC-20XP or 10-2TR)		24,420	TY PB GR 5 SAC B		100		1,110
PUBLIC INTERSECTIONS		2,966		0.22	STD	ASPH (AC-15P or AC-20XP or 10-2TR)		653	TY PB GR 5 SAC B		100		30
PAVED MAIL BOX TURN OUTS		187		0.22	STD	ASPH (AC-15P or AC-20XP or 10-2TR)		41	TY PB GR 5 SAC B		100		2
TOTALS		260,021						80,543					2,468

344.2 TONS

ASPHALT IS PAID BY THE TON, USING TRANSPORT MANIFEST TICKETS. PARTIAL TRANSPORTS SHALL BE RE-WEIGHED. CONVERSION FROM GALLONS TO TONS IS FOR INFORMATION PURPOSES ONLY. APPROXIMATE CONVERSION FACTOR IS 232 GALLONS PER TON.



ASPHALT APPLICATION RATES AND THE TYPE OF APPLICATION (STANDARD SPRAY PATTERN / VARIABLE SPRAY PATTERN) ARE TO BE ADJUSTED IN THE FIELD, PER THE ENGINEER. GUIDANCE FOR ASPHALT APPLICATION RATES SHALL BE BASED UPON THE SEAL COAT AND SURFACE TREATMENT MANUAL.

TxDOT DOES NOT PLAN ON CHANGING AGGREGATE RATES; THE CONTRACTOR WILL HAVE TO ADJUST THE CHIP SPREADER TO ACHIEVE A 20% VOID RATIO.

THE ASPHALT DISTRIBUTOR SHALL BE CAPABLE OF SHOOTING A VARIABLE SPRAY PATTERN.

THE CONTRACTOR SHALL CARRY FORWARD AGGREGATE TO THE NEXT C-S-J, ALL STOCKPILE LOCATIONS AND EXCESS AGGREGATE SHALL BE REMOVED FROM THE RIGHT-OF-WAY PRIOR TO COMPLETION & ACCEPTANCE OF THE PROJECT.

INTERSECTIONS AND PAVED MAIL BOX TURNOUTS ARE PAID BY THE EACH. ASPHALT AND AGGREGATE QUANTITIES ARE FOR INFORMATION PURPOSES ONLY.

PUBLIC INTERSECTIONS		
ROAD NAME	STA	SQ YDS
COUNTY ROAD 390		152
RM1050 INTERSECTION		280
COUNTY ROAD 350		138
COUNTY ROAD 348		282
SH127 NORTH INTERSECTION		670
SH127 SOUTH INTERSECTION		446
PARK ROAD29		194
REST AREA DMI-3623		528
REST AREA DMI-51180		276
TOTAL:		2,966

UVALDE COUNTY
NOT TO SCALE

QUAN	Units	PAVEMENT MARKINGS Description
18	EA	WK ZN PAV MRK SHT TERM (TAB) TY W
0	EA	WK ZN PAV MRK SHT TERM (TAB) TY Y
1,525	EA	WK ZN PAV MRK SHT TERM (TAB) TY Y - 2
186	LF	REFL PAV MRK TY II (W) 4" (BRK) (100MIL)
110,388	LF	REFL PAV MRK TY II (W) 4" (SLD) (100MIL)
0	LF	REFL PAV MRK TY II (W) 8" (BRK) (100MIL)
0	LF	REFL PAV MRK TY II (W) 8" (SLD) (100MIL)
0	LF	REFL PAV MRK TY II (W) 18" (SLD) (100MIL)
0	LF	REFL PAV MRK TY II (W) 24" (SLD) (100MIL)
0	EA	REFL PAV MRK TY II (W) (ARROW) (100MIL)
0	EA	REFL PAV MRK TY II (W) (RR XING) (100MIL)
0	EA	REFL PAV MRK TY II (W) (WORD) (100MIL)
5,130	LF	REFL PAV MRK TY II (Y) 4" (BRK) (100MIL)
86,515	LF	REFL PAV MRK TY II (Y) 4" (SLD) (100MIL)
0	LF	REFL PAV MRK TY II (Y) 24" (SLD) (100MIL)
0	EA	REFL PAV MRK TY II (Y) (MED NOSE) (100MIL)
0	EA	REFL PAV MRKR TY I - A
0	EA	REFL PAV MRKR TY I - C
0	EA	REFL PAV MRKR TY I - R
910	EA	REFL PAV MRKR TY II - A - A
0	EA	ADA SYMBOL

9	12	12	9	42	0	132-90
8	12	12	17	49	132-90	148-40
9	12	12	9	42	148-40	219-70
8	12	12	14	46	219-70	221-40
12	12	12	14	50	221-40	225-00
9	12	12	9	42	225-00	547-00

S	L	L	TL	L	L	S	WIDTH	STA	STA
---	---	---	----	---	---	---	-------	-----	-----

TYPICAL SECTION

TYPICAL SECTION LEGEND
L - TYP LANE WIDTH
S - TYP SHOULDER WIDTH
TL - TYP TURN LANE WIDTH
WIDTH - EOP TO EOP
STA - STATIONING
*EOP - EDGE OF PAVEMENT
IF BLANK, THE LANE/SHLDR DOES NOT EXIST

ADT: 1,700

REF:	COUNTY	HWY. CLASS	HWY. NO.	C-S-J
18	UVALDE	US	83	0036-07 031

RM FROM:	OFFSET	RM TO:	OFFSET	LENGTH
550	0.000	560	0.457	10.360

LIMITS OF PROJECT:	
FROM: REAL CO. LINE	TO: 0.5 MI S OF SH 127

STA	SO YDS
26+63	11
48+98	8
65+32	7
75+92	7
85+33	7
100+25	6
105+50	7
123+94	8
221+26	9
241+52	7
245+89	6
250+44	7
260+14	7
372+65	8
390+01	6
470+66	7
475+00	13
478+71	11
483+52	11
493+93	14
TOTAL SY	187

Rev 10/15/09

MICHAEL T. BOYD, P.E. DATE 10/14/09
ROADWAY

SHEET 18 OF 24

FED. PROJ. NO.	STATE PROJ. NO.	COUNTY	SHEET NO.
6	STP 2010 (352), etc.	COMAL, etc.	67

\$TIMES \$DATES \$FILES

0017-14-018, etc.

Let October 2016

Work to Start in Summer 2017

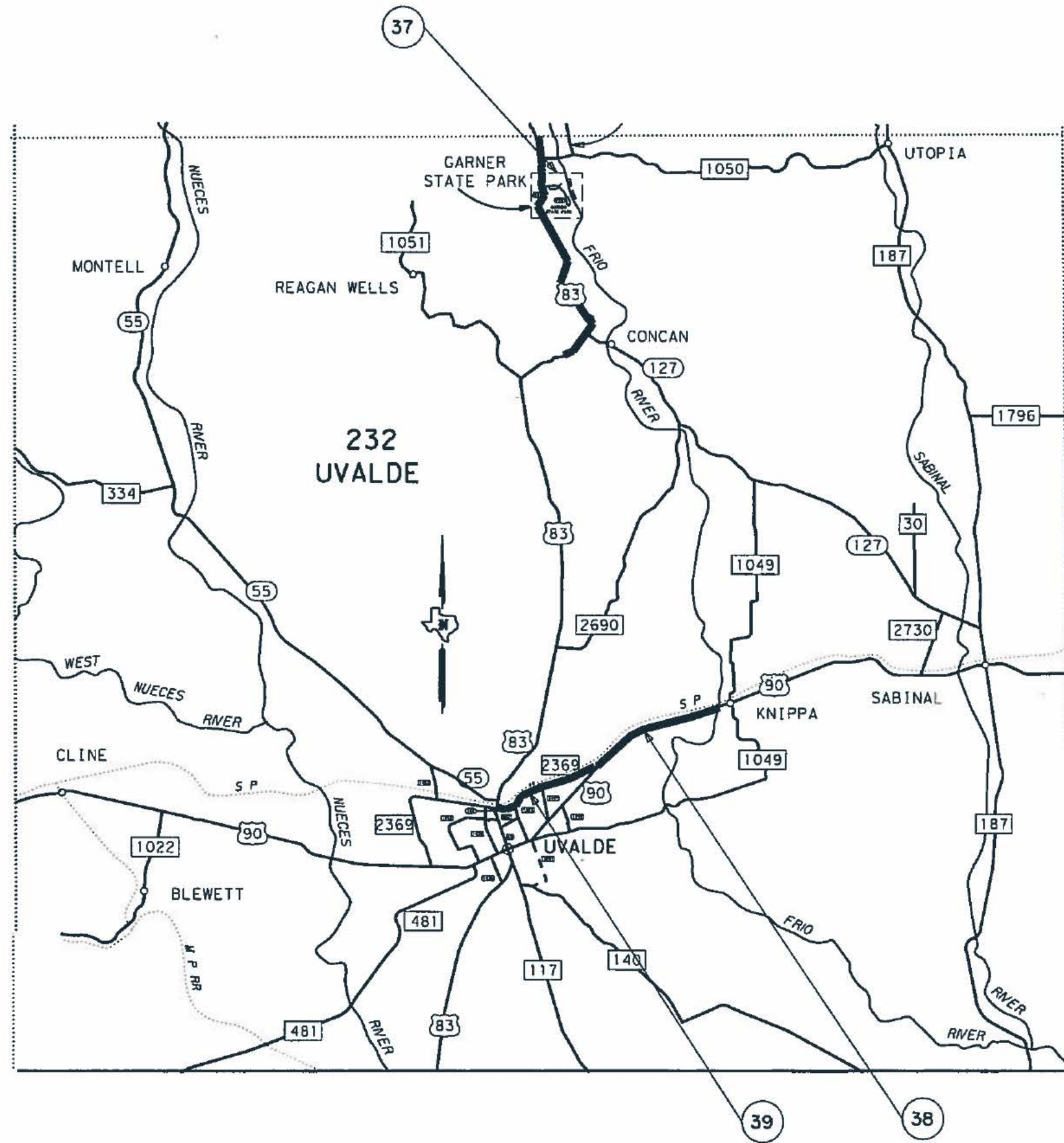
Upcoming Seal Coat Project

3:35:27 PM

7/26/2016

K:\CSJ\FY17\Seal\Coat\PlanSheets\Ref Plan Sheet.dgn

REFERENCE #	COUNTY	HIGHWAY	CSJ	ADT (2014)
37	Uvalde	US 83	0036-07-037	3559
38	Uvalde	US 90	0024-01-102	8637
39	Uvalde	FM 2369	2175-01-013	3026



The seal appearing on this document was authorized by Gregory A. Biediger, P.E. 61429, on July 25, 2016.

Gregory A. Biediger, P.E.

SCALE: N.T.S.



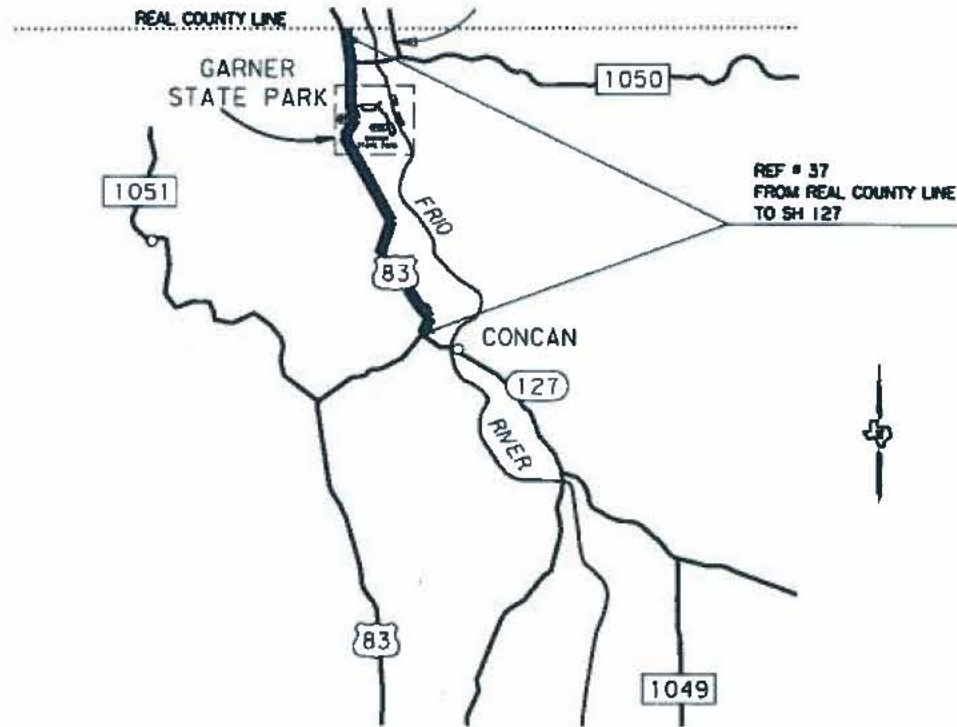
UVALDE COUNTY PROJECT MAP

SHEET 10 OF 11

FEDERAL AID PROJECT		SHEET NO.	
6			12
STATE	SEC.	COUNTY	
TEXAS	SAT	MEDINA, etc.	
CONC.	SECT.	JOB	HIGHWAY NO.
0017	14	018, etc.	SH 132, etc.

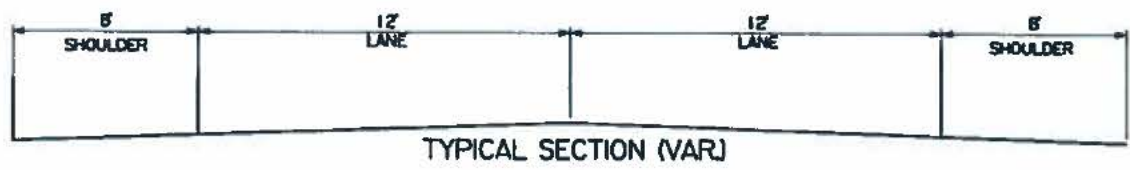
LOCATIONS	AREA		ASPHALT			QUAN		AGGREGATE			
	FINAL	EST.	FINAL	EST.	SPRAY	FINAL	EST.	RATE		QUAN	
	SY	SY	GAL/SY	GAL/SY	PATTERN	GAL	GAL	SY/CY	SY/CY	CY	EST. CY
MAIN LANES		130,803		0.22	STD		28,777			140	934
SHOULDER		87,202		0.22	STD		19,184			140	623
PUBLIC INTERSECTIONS		0		0.22	STD		0			140	0
PAVEMENT SEAL											0
TOTALS		218,006					47,961				1,557

QUAN	Units	Description
22	EA	WK ZN PAV MRK SHT TERM (TAB) TY W
225	EA	WK ZN PAV MRK SHT TERM (TAB) TY Y - 2
0	LF	REFL PAV MRK TY 1 (W) 4" (BRK) (1.00MIL)
102,369	LF	REFL PAV MRK TY 1 (W) 4" (SLO) (1.00MIL)
0	LF	REFL PAV MRK TY 1 (W) 8" (BRK) (1.00MIL)
430	LF	REFL PAV MRK TY 1 (W) 8" (SLO) (1.00MIL)
80	LF	REFL PAV MRK TY 1 (W) 24" (SLO) (1.00MIL)
0	EA	REFL PAV MRK TY 1 (W) (ARROW) (1.00MIL)
0	EA	REFL PAV MRK TY 1 (W) (RR XING) (1.00MIL)
0	EA	REFL PAV MRK TY 1 (W) (WORD) (1.00MIL)
3,040	LF	REFL PAV MRK TY 1 (M) 4" (BRK) (1.00MIL)
87,021	LF	REFL PAV MRK TY 1 (M) 4" (SLO) (1.00MIL)
0	LF	REFL PAV MRK TY 1 (M) 24" (SLO) (1.00MIL)
0	EA	REFL PAV MRK TY 1 (M) (MED NOSE) (1.00MIL)
0	EA	REFL PAV MRK TY 1 (M) (36") (V.D. TR) (1.00MIL)
40	EA	REFL PAV MRKR TY I - C
0	EA	REFL PAV MRKR TY I - R
1,280	EA	REFL PAV MRKR TY II - A - A
0	EA	REFL PAV MRKR TY II - C - R



The seal appearing on this document was authorized by Gregory A. Biediger, P.E. 61429, on July 24, 2016.

NOTES:
1. EXCEPTION TO PROJECT LIMITS. NO WORK SHALL BE PERFORMED WITHIN THE FOLLOWING LIMITS. FROM 0.031 MI (164') N. OF PR 29A TO 0.271 MI (1431') S. OF PR 29A. (HIGH FRICTION SURFACE AREA)



REF.	COUNTY	HWY. CLASS	HWY. NO.	C-S-J
37	UVALDE	US	83	0036-07 37
RM FROM:	OFFSET	RM TO:	OFFSET	LENGTH
550	0.000	560	1.537	9.290
LIMITS OF PROJECT:				
FROM REAL CL TO SH 127				
STATE	DIST.	COUNTY		
TEXAS	SAT	MEDINA, etc.		
COUNT.	SECT.	JOB	HIGHWAY NO.	
0017	14	018, etc.	SH 132, etc.	



REF # 37
US 83
PLAN SHEET
SHEET 57 OF 46

K:\CSJMF\17\Seal\PlanSheets\Uvalde County Plan Sheets.dgn 7/26/2016 3:38:48 PM

0036-07-036, etc.

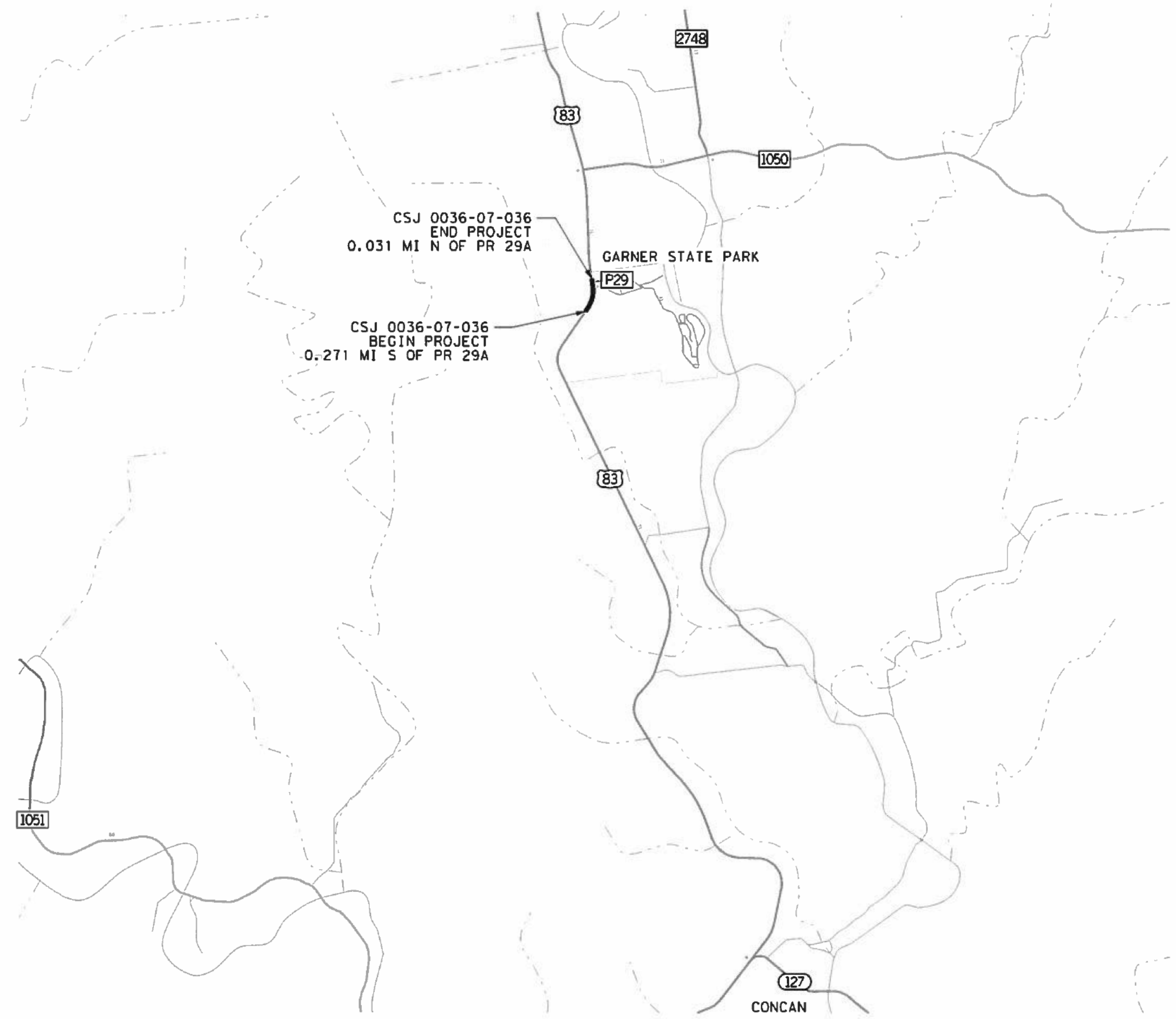
Let November 2016

Work to Start at PR 29A in April 2017

Upcoming Safety Project

Installing High Friction Treatment on Curve

8/25/2016 3:54:55 PM
 ...\\cortina0210.lmtd.com
 /mohamed
 D:\Transter\delon\Users\delon\workspace\System\delon\T1\DOT_PDF_BN.pr
 MODEL NAME: Defaul



UVALDE COUNTY



JM
08/25/2016

SCALE: NTS

REV. NO.	DATE	DESCRIPTION	BY

CobbFendley
 TBPE Firm Registration No. 274
 TBPLS Firm Registration No. 100487
 13430 Northwest Freeway, Suite 1100
 Houston, Texas 77040
 713.482.3242 | fax 713.482.3262
 www.cobbhendley.com



PROJECT LOCATION MAP
 US 83

SHEET 1 OF 1

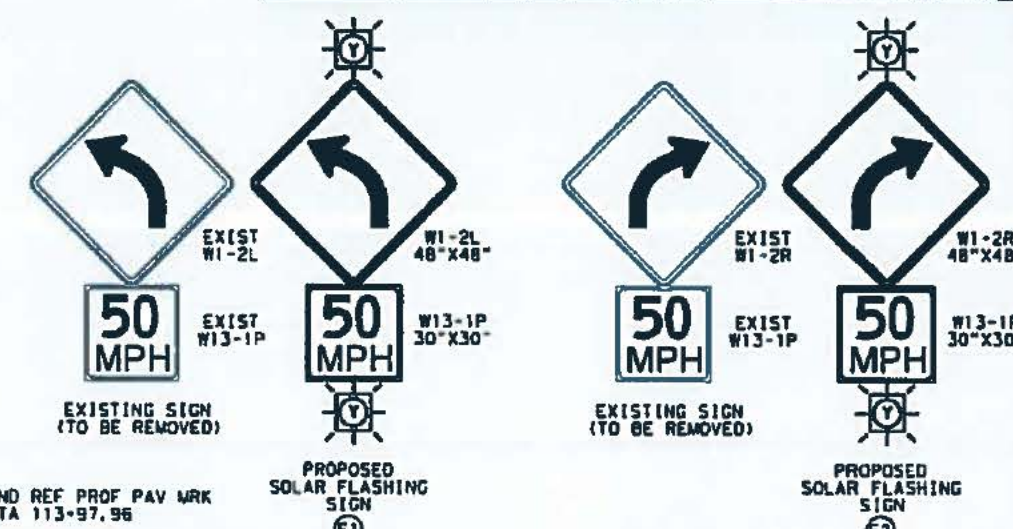
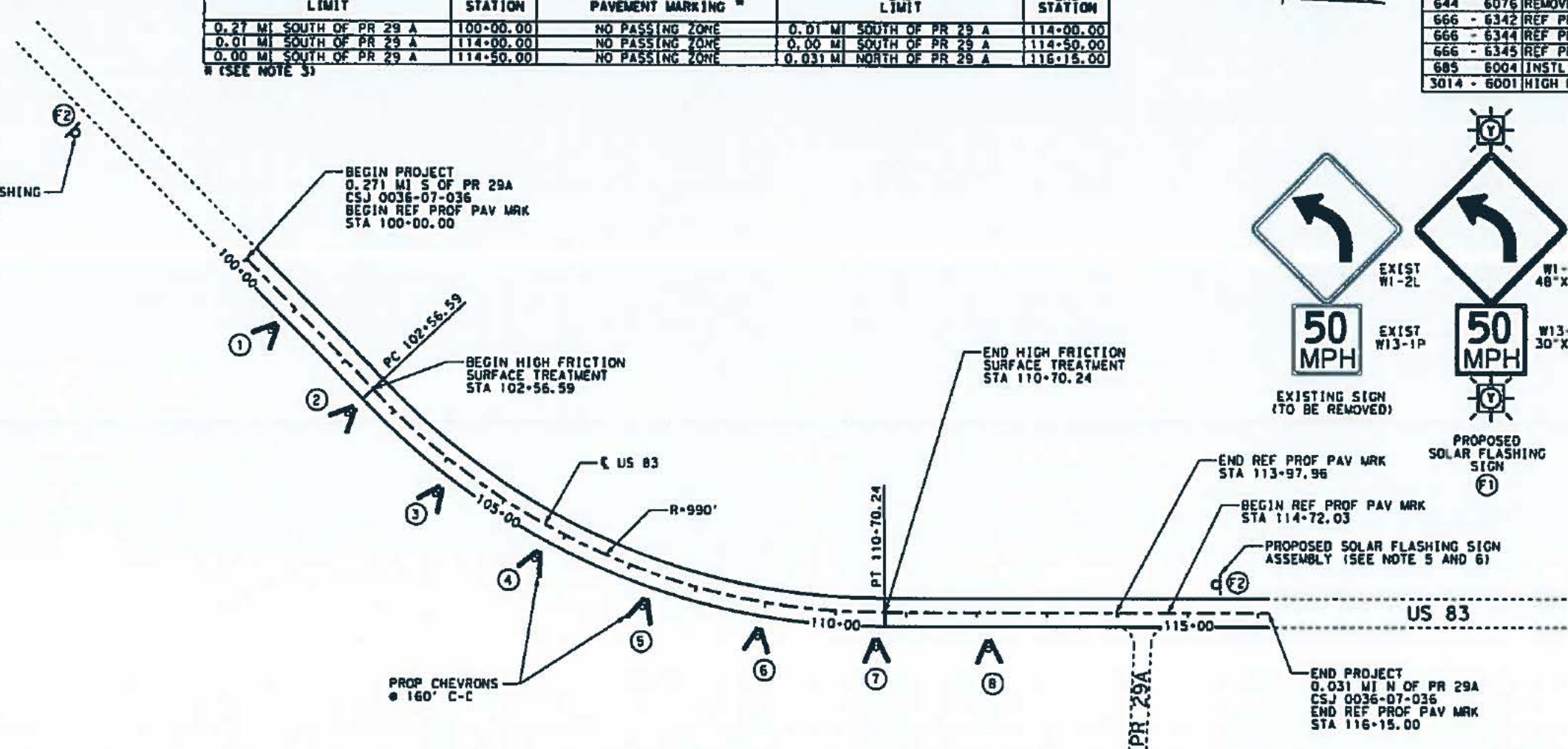
US	STATE	PROJECT NO.	
06	TEXAS	STP 20171277	HES US 03, ETC
SAT	UVALDE, ETC	0036 07	036, ETC 3

BEGIN LIMIT	BEGIN STATION	CENTERLINE PAVEMENT MARKING #	END LIMIT	END STATION
0.27 MI SOUTH OF PR 29 A	100+00.00	NO PASSING ZONE	0.01 MI SOUTH OF PR 29 A	114+00.00
0.01 MI SOUTH OF PR 29 A	114+00.00	NO PASSING ZONE	0.00 MI SOUTH OF PR 29 A	114+50.00
0.00 MI SOUTH OF PR 29 A	114+50.00	NO PASSING ZONE	0.031 MI NORTH OF PR 29 A	116+15.00

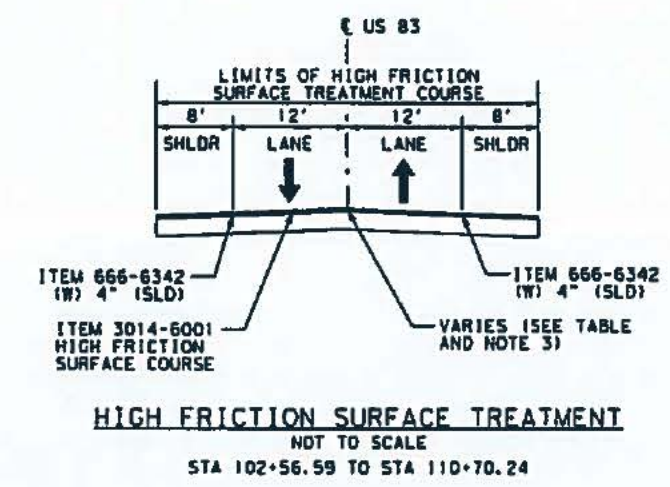
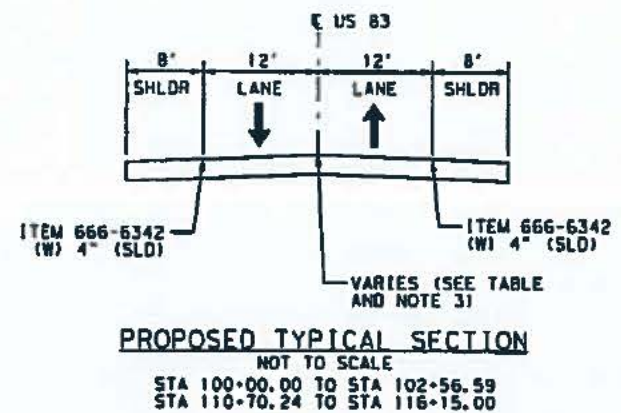
SUMMARY OF QUANTITIES				
ITEM NO.	DESCRIPTION	UNIT	QTY	
636 - 6001	ALUMINUM SIGNS (TY A)	SF	44.5	
644 - 6001	IN SM RD SN SUP&M TY10BWG(1)SA(P)	EA	8	
644 - 6030	IN SM RD SN SUP&M TY580(1)SA(T)	EA	2	
644 - 6076	REMOVE SM RD SN SUP&M	EA	2	
666 - 6342	REF PROF PAV MRK TY (W)4" (SLD) (100MIL)	LF	3,200	
666 - 6344	REF PROF PAV MRK TY (Y)4" (BRK) (100MIL)	LF	3,200	
666 - 6345	REF PROF PAV MRK TY (Y)4" (SLD) (100MIL)	LF	3,200	
685 - 6004	INSTR RDSO FLSH BCN ASM (SOLAR PWRD)	EA	2	
3014 - 6001	HIGH FRICTION SURFACE COURSE	SY	3,616	



PROPOSED SOLAR FLASHING SIGN ASSEMBLY (SEE NOTE 5 AND 6)



- LEGEND**
- ⊙ SMALL SIGN NO
 - ⊙ SOLAR FLASHING SIGN NO
 - A PROPOSED CHEVRON SIGN
 - d PROPOSED SOLAR FLASHING SIGN



- NOTES:**
- EDGE LINE MARKINGS MEASUREMENT WILL ONLY INCLUDE THE ACTUAL WORK. MEASUREMENT WILL NOT INCLUDE INTERRUPTIONS ACROSS RAMP, ACCELERATION OR DECELERATION LANES, CROSS-OVERS, GORE AREAS, OR INTERSECTIONS WITH OTHER ROADWAYS.
 - FOR EDGE LINE PAVEMENT MARKING DETAILS, SEE STANDARD "EDGE LINE RUMBLE STRIPS ON UNDIVIDED OR TWO LANE HIGHWAYS RS14)-13 USING OPTION 5.
 - FOR CENTERLINE PAVEMENT MARKING DETAILS, SEE "PAVEMENT MARKING DETAILS PROFILE CENTERLINE MARKINGS" SHEET.
 - CONTRACTOR TO FIELD VERIFY AND LOG CENTERLINE TYPE AND LENGTHS.
 - CONTRACTOR TO REMOVE EXISTING SIGN AND REPLACE IT WITH A SOLAR FLASHING SIGN ASSEMBLY. FOR INSTALLATION DETAILS, SEE "SOLAR POWERED ROADSIDE FLASHING BEACON ASSEMBLY DETAILS SPRFB-06" STANDARD.
 - FOR CLARITY, ONLY SIGNS BEING REPLACED ARE SHOWN. ALL OTHER EXISTING SIGNS TO REMAIN IN PLACE.



CobbFendley
7014 Pam Registration No. 274
TOP-3 Pam Registration No. 100487
13430 Northwest Freeway, Suite 1100
Houston, Texas 77040
713.482.3242 | Fax 713.482.3282
www.cobbFendley.com



PLAN LAYOUT
US 83

DATE	BY	DESCRIPTION

PROJECT NO.	STATE	COUNTY	DISTRICT	SHEET NO.	TOTAL SHEETS
SIP 2017(277) HES US 83, ETC	TEXAS	UVALDE, ETC	0036	07	036, ETC 29

CSJ 0036-07-036
FEDERAL AID
COUNTY: UVALDE
HIGHWAY: US 83
LIMITS: FROM 0.271 MI S OF PR 29A
TO 0.031 MI N OF PR 29A
LENGTH: 0.302 MILES

Rev. 11/16

0036-07-034

Planned Let November 2017

Work to Start in Summer 2018

Currently Planning Stage, Install Texturized Shoulder – Milled In

US 83

From: Real County Line

To: 5 Miles South of Real County Line

No Plan Sheets Available. Currently Only in Planning Stage