



Received Received

FEB 22 2017

FEB 10 2017

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 3

HNTB Corporation
Round Rock

HNTB Corporation
Round Rock

1. CONTRACTOR: Chasco Constructors
2. Change Order Work Limits: Sta. 74+00 to Sta. 150+00
3. Type of Change(on federal-aid non-exempt projects): Minor (Major/Minor)
4. Reasons: 2C, 4B (3 Max. - In order of importance - Primary first)

Project:	<u>1603-062</u>
Roadway:	<u>CR 258</u>
CSJ Number:	

5. Describe the work being revised:

2. Differing Site Conditions (Unforeseeable), 2C. New development (conditions changing after PS&E completed). 4B. Third Party Accommodation. Third part requested work. This change order reflects multiple driveway changes including, extending a driveway culvert to accommodate a new driveway location, relocating a proposed driveway, extending a driveway culvert to save a heritage oak tree, adding a driveway to the project and shortening the guardrail at a proposed driveway location.

6. Work to be performed in accordance with Items: See Attached.
7. New or revised plan sheet(s) are attached and numbered: 19, 20, 99, 100, 115, 117, 118, 131, 136A, 248A
8. New Special Provisions/Specifications to the contract are attached: ☐ Yes ☒ No
9. New Special Provisions to Item N/A No. N/A, Special Specification Item N/A are attached.

Each signatory hereby warrants that each has the authority to execute this Change Order (CO).

The contractor must sign the Change Order and, by doing so, agrees to waive any and all claims for additional compensation due to any and all other expenses; additional changes for time, overhead and profit; or loss of compensation as a result of this change.

The following information must be provided

Time Ext. #: N/A Days added on this CO: 0

Amount added by this change order: \$38,765.00

THE CONTRACTOR Date 2-10-17

By [Signature]

Typed/Printed Name Cory Westfall

Typed/Printed Title PM

RECOMMENDED FOR EXECUTION:

[Signature] PE 2/16/17
Project Manager Date

N/A
Design Engineer Date

[Signature] 2/21/2017
Program Manager Date

Design Engineer's Seal:

see plan sheets

County Commissioner Precinct 1 Date

☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 2 Date

☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 3 Date

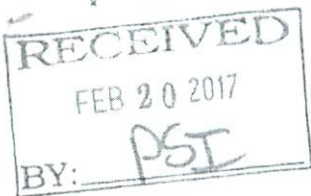
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 4 Date

☐ APPROVED ☐ REQUEST APPROVAL

County Judge Date

☐ APPROVED



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WILLIAMSON COUNTY, TEXAS

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HNTB Corporation
Round RockHNTB Corporation
Round Rock

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2. Change Order Work Limits: Sta. 74+00 to Sta. 150+00
3. Type of Change (on federal-aid non-exempt projects): Minor (Major/Minor)
4. Reasons: 2C, 4B (3 Max. - In order of importance - Primary first)
5. Describe the work being revised:

Project: 1603-062

Roadway: CR 258

CSJ
Number: _____

2. Differing Site Conditions (Unforeseeable), 2C. New development (conditions changing after PS&E completed). 4B. Third Party Accommodation. Third part requested work. This change order reflects multiple driveway changes including, extending a driveway culvert to accommodate a new driveway location, relocating a proposed driveway, extending a driveway culvert to save a heritage oak tree, adding a driveway to the project and shortening the guardrail at a proposed driveway location.

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Each signatory hereby warrants that each has the authority to execute this Change Order (CO).

<small>The contractor must sign the Change Order and, by doing so, agrees to waive any and all claims for additional compensation due to any and all other expenses, additional changes for time, overhead and profit; or loss of compensation as a result of this change.</small>	The following information must be provided
THE CONTRACTOR Date <u>2-10-17</u>	Time Ext. #: <u>N/A</u> Days added on this CO: <u>0</u>
By <u>[Signature]</u> Typed/Printed Name <u>Corey Westfall</u> Typed/Printed Title <u>PM</u>	Amount added by this change order: <u>\$38,765.00</u>

RECOMMENDED FOR EXECUTION:

[Signature] PE 2/16/17
Project Manager Date

N/A
Design Engineer Date

[Signature] 2/21/2017
Program Manager Date

Design Engineer's Seal:

see plan sheets

County Commissioner Precinct 1 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 2 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 3 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 4 Date
☐ APPROVED ☐ REQUEST APPROVAL

[Signature] 02-02-2017
County Judge Date
☒ APPROVED

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 3

Project # 1603-062

TABLE A: Force Account Work and Materials Placed into Stock

	LABOR	HOURLY RATE			HOURLY RATE

TABLE B: Contract Items:

				ORIGINAL + PREVIOUSLY REVISED		ADD or (DEDUCT)	NEW		
ITEM	DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	ITEM COST	QUANTITY	QUANTITY	ITEM COST	OVERRUN/ UNDERRUN
432-6045	RIP RAP (MOW STRIP) (4IN)	CY	\$550.00	61.00	\$33,550.00	12.00	73.00	\$40,150.00	\$6,600.00
460-6009	CMP AR (GAL STL DES 2)	LF	\$60.00	370.00	\$22,200.00	51.00	421.00	\$25,260.00	\$3,060.00
460-6012	CMP AR (GAL STL DES 5)	LF	\$100.00	197.00	\$19,700.00	194.00	391.00	\$39,100.00	\$19,400.00
467-6560	SET (TYII) (DES 5) (CMP) (6:1) (P)	EA	\$2,000.00	16.00	\$32,000.00	4.00	20.00	\$40,000.00	\$8,000.00
530-6005	DRIVEWAYS (ACP)	SY	\$40.00	3,287.00	\$131,480.00	80.00	3,367.00	\$134,680.00	\$3,200.00
540-6006	MTL MEAM GD FEN TRANS (THRIE-BEAM)	EA	\$1,100.00	4.00	\$4,400.00	1.00	5.00	\$5,500.00	\$1,100.00
540-6014	SHORT RADIUS	LF	\$27.00	25.00	\$675.00	25.00	50.00	\$1,350.00	\$675.00
540-6015	DRWY TERM ANCHOR SECTION	EA	\$1,265.00	0.00	\$0.00	2.00	2.00	\$2,530.00	\$2,530.00
540-6016	DOWNSTREAM ANCHOR TERMINAL (DAT) SEC	EA	\$1,000.00	4.00	\$4,000.00	(2.00)	2.00	\$2,000.00	(\$2,000.00)
540-6018	MTL BM GD FEN TRANS (NON SYM)	EA	\$600.00	4.00	\$2,400.00	1.00	5.00	\$3,000.00	\$600.00
544-6001	GUARDRAIL END TREATMENT (INSTALL)	EA	\$2,200.00	4.00	\$8,800.00	(2.00)	2.00	\$4,400.00	(\$4,400.00)
TOTALS					\$259,205.00			\$297,970.00	\$38,765.00

CHANGE ORDER REASON(S) CODE CHART

1. Design Error or Omission	1A. Incorrect PS&E 1B. Other
2. Differing Site Conditions (unforeseeable)	2A. Dispute resolution (expense caused by conditions and/or resulting delay) 2B. Unavailable material 2C. New development (conditions changing after PS&E completed) 2D. Environmental remediation 2E. Miscellaneous difference in site conditions (unforeseeable)(Item 9) 2F. Site conditions altered by an act of nature 2G. Unadjusted utility (unforeseeable) 2H. Unacquired Right-of-Way (unforeseeable) 2I. Additional safety needs (unforeseeable) 2J. Other
3. County Convenience	3A. Dispute resolution (not resulting from error in plans or differing site conditions) 3B. Public relations improvement 3C. Implementation of a Value Engineering finding 3D. Achievement of an early project completion 3E. Reduction of future maintenance 3F. Additional work desired by the County 3G. Compliance requirements of new laws and/or policies 3H. Cost savings opportunity discovered during construction 3I. Implementation of improved technology or better process 3J. Price adjustment on finished work (price reduced in exchange for acceptance) 3K. Addition of stock account or material supplied by state provision 3L. Revising safety work/measures desired by the County 3M. Other
4. Third Party Accommodation	4A. Failure of a third party to meet commitment 4B. Third party requested work 4C. Compliance requirements of new laws and/or policies (impacting third party) 4D. Other
5. Contractor Convenience	5A. Contractor exercises option to change the traffic control plan 5B. Contractor requested change in the sequence and/or method of work 5C. Payment for Partnering workshop 5D. Additional safety work/measures desired by the contractor 5E. Other
6. Untimely ROW/Utilities	6A. Right-of-Way not clear (third party responsibility for ROW) 6B. Right-of-Way not clear (County responsibility for ROW) 6C. Utilities not clear 6D. Other

Williamson County Road Bond Program

CR 258

Williamson County Project No. 1603-062

Change Order No. 3

Reason for Change

This change order reflects multiple driveway changes including, extending a driveway culvert to accommodate a new driveway location, relocating a proposed driveway, extending a driveway culvert to save a heritage oak tree, adding a driveway to the project and shortening the guardrail at a proposed driveway location.

Driveway 1A, at approximate Station 73+00, was relocated to Station 75+14 at the request of the property owner. The driveway culvert pipe was extended to the west approximately 51 feet from Driveway 2, to accommodate the new location for Driveway 1A.

Per the plans, proposed Driveway 4 (Sta. 77+25) is a new asphalt driveway and Driveway 5 (Sta. 77+75) is an existing concrete driveway to be removed. Due to existing conditions and landowner access needs, Driveway 5 was removed and Driveway 4 was moved to the same station and built as concrete.

The culverts at Driveway 22 were extended approximately 75 feet to the east to prevent the disturbance of a heritage oak tree located along the right of way. Extending the pipes eliminated the need for excavation of the 3:1 slope near the roots of the tree. The extensions of the culverts will be documented in the final set of as-built plans.

An adjacent property owner (Mr. Mosner) requested construction of a new driveway to his property that was not shown in the bid plans. The landowner received a permit from the County, just prior to the beginning of construction, approving Driveway 25A located at Station 147+60. The construction of the driveway includes, culvert pipes, safety end treatments and metal beam guard rail along the driveway radii. This is the property owner's only access to his property.

Proposed MBGF was shortened at Driveway 26, to keep the proposed guardrail (MBGF) within the ROW limits like Driveway 25A.

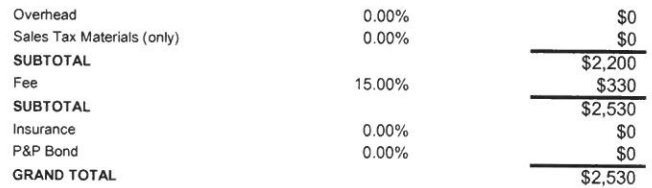
Following is a summary of new items required for this Change Order.

ITEM	DESCRIPTION	QTY	UNIT
540-6015	DRIVEWAY TERMINAL ANCHOR SECTION	2	EA

This Change Order results in a net increase of \$38,765.00 to the Contract amount, for an adjusted Contract total of \$5,891,129.58. The original Contract amount was \$5,808,856.58. As a result of this and all Change Orders to-date, \$82,273.00 has been added to the Contract, resulting in an 1.4% net increase in the Contract cost. No additional days will be added to or deducted from the Contract as a result of this Change Order.

HNTB Corporation

James Klotz, P.E.

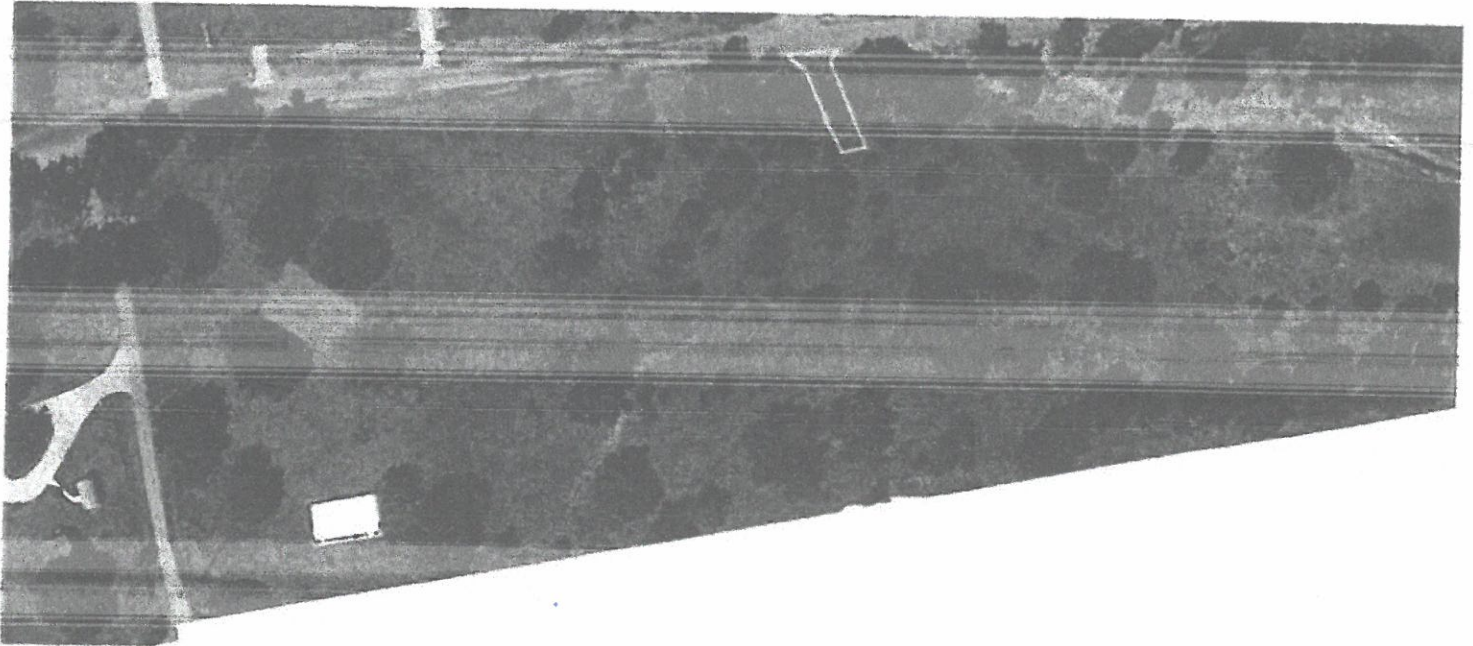


roadrequest

Jim Mosner

From: Dennis Eberwein <deberwein@austin.rr.com>
Sent: Thursday, July 23, 2015 7:19 AM
To: roadrequest
Subject: Access to CR 258
Attachments: Driveway Culvert Application - 2015.07.23.pdf

2770 CR 258 - Property



Thank you
Dennis
512 627-9374

Work Order #: _____

(WILLIAMSON COUNTY OFFICE USE)

Williamson County Driveway/Access Application for Permit (Culvert) (Please Print Clearly)

Name of Applicant: Dennis Eberwein Date: 07/23/2015

E-mail: DEberwein@austin.rr.com

Phone: 512 627-9374

☒ Resident of Williamson County

- Williamson County will size and install culvert for a minimal fee of \$5.00 per linear foot
- Resident's responsibility is to order, purchase, deliver culvert to property, pay for installation and notify Williamson County to schedule installation
- NOTE: if culvert installation fee is not paid within 6 months of application date, application will become null/void.

☐ Developer/Builder

- Williamson County will size culvert
- Developer/Builder's responsibility is to order, purchase and install culvert
- Developer/Builder must notify Williamson County for inspection prior to culvert installation

☐ Other _____

Physical Address of Property or WCAD Parcel #: R022510 located on CR 258
between Craigen Rd. and Ronald Reagan Blvd.

Comments:

Add access to east end of lot from county road 258

RECEIVED

JUL 23 2015

DEPT. OF INFRASTRUCTURE
ROAD AND BRIDGE

Please return completed application to:

Williamson County Engineer's Office
3151 S. E. Inner Loop, Suite B, Georgetown, Texas 78626
Telephone: (512) 943-3330 Fax: (512) 943-3335
Email: RoadRequest@wilco.org

Dennis Eberwein

From: Dwight Pittman <DPittman@wilco.org>
Sent: Thursday, August 06, 2015 3:09 PM
To: DEberwein@austin.rr.com
Cc: Gary Dean; Terri Countess; David Boyd
Subject: Dennis Eberwein - CR 258 driveway
Attachments: Dennis Eberwein-CR 258 driveway.pdf

Dear Mr. Eberwein:

Attached is the updated culvert application covering the culvert sizing and length necessary for the driveway application for permit.

No culvert is needed at this location. Install a dip driveway.

If you have any questions or concerns, please feel free to contact me.

Thank you for working with Williamson County.

Dwight L. Pittman, PE
Senior Engineer
Dept. of Infrastructure
Williamson County
(512) 943-3330 office

WILLIAMSON COUNTY OFFICE USE ONLY:

Work Order #: _____ Opened: _____ Completed: _____
Date Date

Foreman: Hayden Date: _____

Foreman Comments: NO CULVERT NEEDED CONCRETE DRIVE ONLY

☒ Installation to be completed by Williamson County

☐ Installation to be completed by Applicant

Inspection required prior to culvert installation?

☐ YES (for developer/builder)

Date inspected _____ Initials: _____

☒ NO (for resident of Williamson County)

Design Engineer: D Pittman Date: 8-6-15

Culvert Sizing/Engineer Comments: dip driveway - NO
Culvert needed

Total Culvert Length (Feet): N/A

Culvert Sizing Sent to Applicant/Date: 8/6/15 Initials: DLP

Front Desk:

Culvert pipe is on-site/Date: _____ Initials: _____

Foreman informed of pipe delivery/Date: _____ Initials: _____

If installation to be completed by Williamson County:

Total Culvert Length (Feet): _____ x \$5.00/foot = \$ 0.00 to be paid

☐ Cash

☐ Money Order

☐ Check # _____ Amount \$ _____ Receipt # _____

☐ Credit Card - Pmt ID #: _____

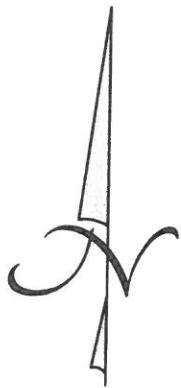
Payment Date: _____ Initials: _____

CERTIFY TO: PATTEN LAW FIRM / TITLE RESOURCES GUARANTY COMPANY / JAMES MOSNER & ROBYN MOSNER / GF NO. 9992-15-1294

RESTRICTIVE COVENANTS:

ONLY THOSE EASEMENTS AND THAT INFORMATION LISTED IN TITLE COMMITMENT GF NO. 9992-15-1294, EFFECTIVE DATE OF OCTOBER 28, 2015 AND RE-LISTED BELOW WERE CONSIDERED FOR THIS SURVEY:

- 1) RESTRICTIVE COVENANTS - VOLUME 587, PAGE 601 AND VOLUME 952, PAGE 464, DEED RECORDS, WILLIAMSON COUNTY, TEXAS, DOC. # 2015101931, OFFICIAL PUBLIC RECORDS (RECORDED PLAT) (SUBJECT TO)
- 10.c) ACCESS EASEMENT - VOLUME 730, PAGE 312, AS FURTHER AFFECTED BY DOCUMENT NO. 199948777 (DOES NOT AFFECT)
- 10.d) EASEMENT GRANTED TO CHISHOLM TRAIL WATER SUPPLY CORP. - VOLUME 957, PAGE 784 (BLANKET TYPE)
- 10.e) EASEMENT GRANTED TO CHISHOLM TRAIL W.S.C. - VOLUME 1503, PAGE 128 (BLANKET TYPE)
- 10.f) EASEMENT GRANTED TO CHISHOLM TRAIL W.C.S. - DOCUMENT NO. 9541444 (BLANKET TYPE)
- 10.g) RIGHT OF WAY AGREEMENT - VOLUME 2010, PAGE 881 (DOES NOT AFFECT, EASEMENT NOT LOCATED ON THIS TRACT)
- 10.h) ORDINANCE NO. 05-0-61 - DOCUMENT NO. 2005071499 (SUBJECT TO)
- 10.i) 15' WIDE EASEMENT ALONG THE NORTHERLY PROPERTY LINE AS SHOWN ON THE PROPOSED PLAT (NOW RECORDED AS DOC. #2015101931 (SUBJECT TO)
- 10.m) PROPOSED PLAT STATES "THE 15' P.U.E. SHOWN ABUTTING THE SOUTH LINE OF THE PROPOSED R.O.W. SHALL ADJUST TO BE PARALLEL TO THE REVISED/FINAL R.O.W. AS RECORDED." (PROPOSED PLAT NOW RECORDED AS DOC. # 2015101931 AND PROPOSED R.O.W. NOW RECORDED AS DOC. # 2015091197) (SUBJECT TO)
- 10.n) ANY EASEMENTS, BUILDING LINES, COVENANTS, RESTRICTIONS, CONDITIONS, ETC. AS SET OUT ON THE PROPOSED PLAT OR A FINAL RECORDED PLAT (DOC. # 2015101931) (SUBJECT TO)



Scale: 1" = 100'

BEARINGS CITED HEREON BASED ON TEXAS STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM 1983/93, TEXAS CENTRAL ZONE. ALL BEARING AND DISTANCES SHOWN ARE RECORD PER THE PLAT RECORDED AS DOC. # 2015101931.

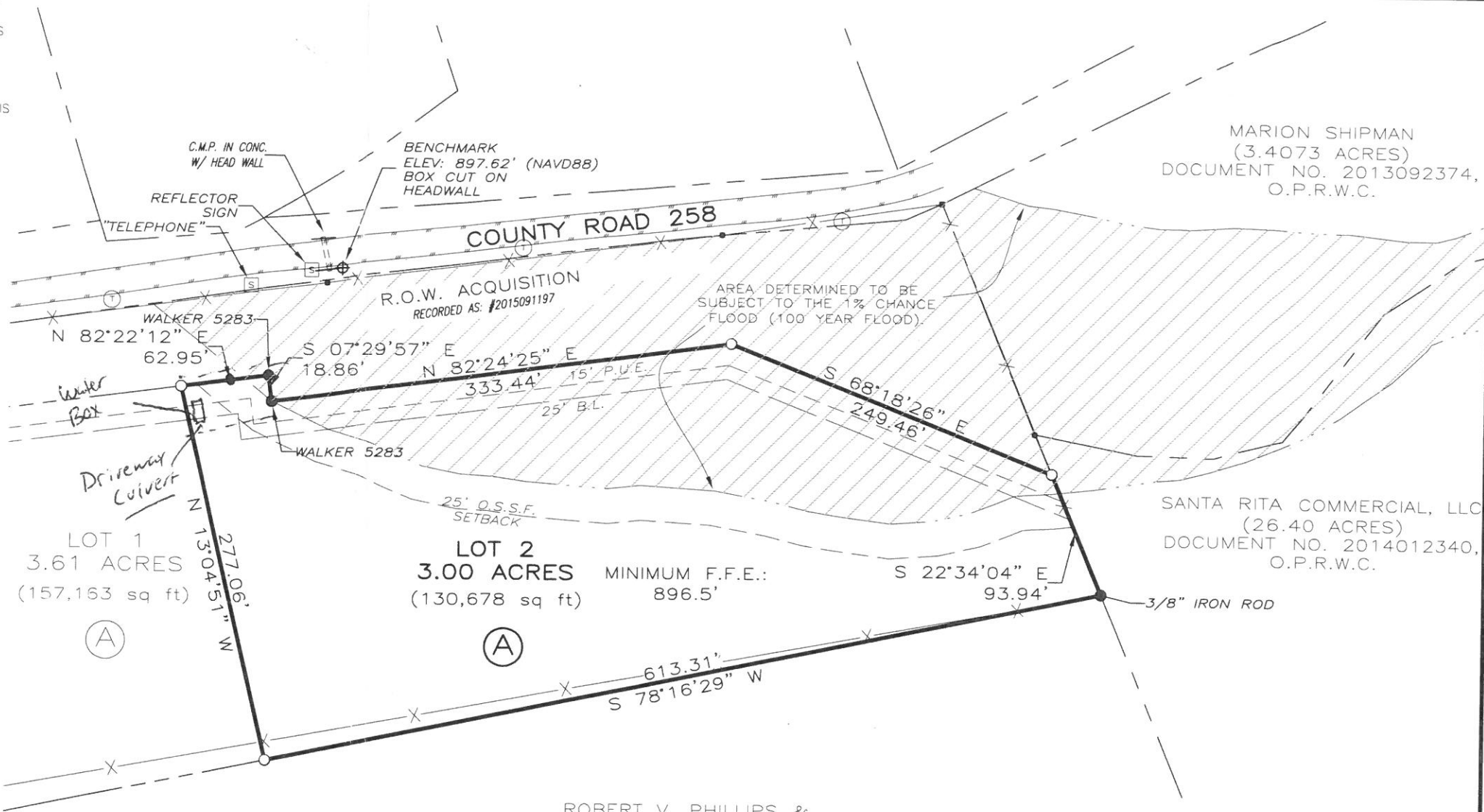
LEGEND	
●	1/2" IRON ROD FOUND WITH NO CAP (UNLESS OTHERWISE NOTED)
○	1/2" IRON ROD SET W/PLASTIC CAP STAMPED "T.L.S. INC."
●	FENCE POST
—X—	WIRE FENCE
///	PAVEMENT
O.R.W.C.	OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS
O.P.R.W.C.	OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS
P.R.W.C.	PLAT RECORDS OF WILLIAMSON COUNTY, TEXAS
Ⓢ	SIGN
Ⓣ	TELEPHONE
C.M.P.	CORREGATED METAL PIPE
CONC.	CONCRETE

SURVEY OF LOT 2, BLOCK A, VILLA OAKS SUBDIVISION, A SUBDIVISION IN WILLIAMSON COUNTY, TEXAS AS RECORDED IN DOCUMENT NUMBER 2015101931 OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS.

JOB NO: 14528

DRAWN: JRB

F.C.: CC



ROBERT V. PHILLIPS &
DORETHA B. PHILLIPS
(12.00 ACRES)
DOCUMENT NO. 2001071141,
O.P.R.W.C.

THIS AREA DOES APPEAR TO BE IN SPECIAL FLOOD HAZARD AREA PER THE PLAT. FEMA'S FLOOD INSURANCE RATE MAP #48491C0275E, DATED SEPT. 26, 2008, DOES NOT INDICATE A FLOOD ZONE FOR THIS TRACT. THIS STATEMENT IS NOT MADE IN LIEU OF AN ELEVATION CERTIFICATE.

STATE OF TEXAS §
COUNTY OF WILLIAMSON §
I KNOW ALL MEN BY THESE PRESENTS

THAT SURVEYOR FOR TEXAS LAND SURVEYING, INC., HAVE THIS DATE CAUSED TO BE PERFORMED AN ON-THE-GROUND SURVEY UNDER MY SUPERVISION OF THE FOREGOING PLATTED TRACT OF LAND AND TO THE BEST OF MY KNOWLEDGE AND BELIEF THERE ARE NO DISCREPANCIES, CONFLICTS, SHORTAGES IN AREA, ENCROACHMENTS, VISIBLE UTILITY LINES OR ROADS IN PLACE, AND THAT SAID PROPERTY HAS ACCESS TO AND FROM A DEDICATED ROADWAY, EXCEPT AS SHOWN HEREON.

Texas Land Surveying, Inc.

3613 Williams Drive, Suite 903 - Georgetown, Texas 78628
(512) 930-1600/(512) 930-9389 fax
www.texas-ls.com
TBPLS FIRM NO.10056200

IF THIS DOCUMENT DOES NOT CONTAIN THE RED STAMPED SEAL OF THE UNDERSIGNED SURVEYOR, IT IS AN UNAUTHORIZED/ILLEGAL COPY. TEXAS LAND SURVEYING, INC. ASSUMES NO LIABILITY FROM THE USE OF ANY UNAUTHORIZED/ILLEGAL DOCUMENT.



Witness my hand and seal this the 30th Day of December, 2014 A.D.

X:\dmabuzow\Projects\2020\11\WilliamsCounty\CR258\addChangeOrder\CHANGEORDER_01_Rovw_5/14/2016 3:14:22 PM

SHT. NO.	STATION TO STATION	0100 6002 PREPARING ROW	0110 6001 EXCAVATION (ROADWAY)	0132 6004 EMBANKMENT (FINAL) (DENS CONT) (TY B)	0160 WC01 FURNISHING & PLACING TOPSOIL (4")	0164 WC05 SEEDING FOR EROSION CONTROL (TY 5)	* 0166 6001 FERTILIZER	0168 WC01 VEGETATIVE WATERING	0247 6366 FLBS (CMP IN PLC) (TY A GR5) (FNAL POS)	0310 6027 PRIME COAT (MC-30 OR AE-P)	0316 6004 ASPH (TIER I)	0316 6005 ASPH (TIER II)	0316 6193 AGGR (TY-D GR-5 SAC-B)	0316 6224 AGGR (TY-PB GR-4 SAC-B)	0340 6011 D-GR HMA (SQ) TY-B PG64-22
		STA	CY	CY	SY	SY	AC	MG	CY	GAL	GAL	GAL	CY	CY	TON
	CR 258														
98	BEGIN TO STA 73+00	3.75			3,263	3,263		97.9	567	340			415	11	
99	STA 73+00 TO STA 77+00	4.00			3,335	3,335		100.1	607	364			444	12	
100	STA 77+00 TO STA 81+00	4.00			3,085	3,085		92.5	607	364			444	12	
101	STA 81+00 TO STA 85+00	4.00			3,479	3,479		104.4	607	364			444	12	
102	STA 85+00 TO STA 89+00	4.00			3,429	3,429		102.8	607	364			444	12	
103	STA 89+00 TO STA 93+00	4.00			3,220	3,220		96.7	670	402			491	13	
104	STA 93+00 TO STA 97+00	4.00			3,278	3,278		98.3	673	404			492	13	
105	STA 97+00 TO STA 101+00	4.00			3,558	3,558		106.7	607	364			444	12	
106	STA 101+00 TO STA 105+00	4.00			3,558	3,558		106.7	607	364			444	12	
107	STA 105+00 TO STA 109+00	4.00			3,389	3,389		101.7	607	364			444	12	
108	STA 109+00 TO STA 113+00	4.00			3,555	3,555		106.6	607	364			444	12	
109	STA 113+00 TO STA 117+00	4.00			3,379	3,379		101.4	607	364			444	12	
110	STA 117+00 TO STA 121+00	4.00			3,050	3,050		91.5	607	364			444	12	
111	STA 121+00 TO STA 125+00	4.00			3,447	3,447		103.4	607	364			444	12	
112	STA 125+00 TO STA 129+00	4.00			3,491	3,491		104.8	607	364			444	12	
113	STA 129+00 TO STA 133+00	4.00			3,314	3,314		99.4	607	364			444	12	
114	STA 133+00 TO STA 137+00	4.00			2,688	2,688		80.7	666	399			487	13	
115	STA 137+00 TO STA 141+00	4.00			3,131	3,131		93.9	607	364			444	12	
116	STA 141+00 TO STA 145+00	4.00			2,894	2,894		86.9	639	384			467	13	
117	STA 145+00 TO STA 149+00	4.00			2,255	2,255		64.7	607	364			444	12	
118	STA 149+00 TO STA 153+00	4.00			3,263	3,263		98.0	607	364			444	12	
119	STA 153+00 TO STA 157+00	4.00			3,385	3,385		101.6	608	365			445	12	
120	STA 157+00 TO STA 160+00	3.00			2,473	2,473		74.2	534	320			392	10	
121	STA 160+00 TO END	1.71			1,417	1,417		42.5	340	204			250	7	
	RONALD REAGAN BLVD														
125	STA 12+36.77 TO STA 16+00.00	3.63									465			10	
126	STA 16+00.00 TO STA 20+00.00	4.00			222	222		6.7	90	36	933			21	29
127	STA 20+00.00 TO STA 21+50.00	1.50			254	254		7.6	41	16	287			6	12
	PROJECT TOTALS	101.59	34,118	11,965	75,812	75,812	16	2,272	14,540	8,694	1,685	10,543	284	37	41

SHT. NO.	STATION TO STATION	0341 6026 D-GR HMA TY-C SAC-A PG70-22	0432 6010 RIPRAP (CONC) (CL B) (5 IN)	0432 6045 RIPRAP (MOW STRIP) (4')	0459 6007 GABION MATTRESS (GALV) (12")	0460 6009 CMP AR (GAL STL DES 2)	0460 6010 CMP AR (GAL STL DES 3)	0460 6012 CMP AR (GAL STL DES 5)	0464 6005 RC PIPE (CL III) (24 IN)	0464 6008 RC PIPE (CL III) (36 IN)	0467 6395 SET (TY II) (24 IN) (RCP) (6:1) (P)	0467 6454 SET (TY II) (36 IN) (RCP) (6:1) (P)	0467 6525 SET (TY II) (DES 2) (CMP) (6:1) (P)	0467 6537 SET (TY II) (DES 3) (CMP) (6:1) (P)	0467 6560 SET (TY II) (DES 5) (CMP) (6:1) (P)
		TON	CY	CY	SY	LF	LF	LF	LF	LF	EA	EA	EA	EA	EA
	CR 258														
98	BEGIN TO STA 73+00	286													
99	STA 73+00 TO STA 77+00	307				29	27						2	2	
100	STA 77+00 TO STA 81+00	307				87	22						6	2	
101	STA 81+00 TO STA 85+00	307				51							4		
102	STA 85+00 TO STA 89+00	307				49							4		
103	STA 89+00 TO STA 93+00	339	8			50			45		2		4		
104	STA 93+00 TO STA 97+00	339				33			37		2		2		
105	STA 97+00 TO STA 101+00	307													
106	STA 101+00 TO STA 105+00	307													
107	STA 105+00 TO STA 109+00	307	3			24	24						2	2	
108	STA 109+00 TO STA 113+00	307													
109	STA 113+00 TO STA 117+00	307	3			25	25						2	2	
110	STA 117+00 TO STA 121+00	307			14										
111	STA 121+00 TO STA 125+00	307		14											
112	STA 125+00 TO STA 129+00	307				22							2		
113	STA 129+00 TO STA 133+00	307	4					30							2
114	STA 133+00 TO STA 137+00	337	16					94	38		2				8
115	STA 137+00 TO STA 141+00	307	4		54			48							4
116	STA 141+00 TO STA 145+00	322	26		225					44		4			
117	STA 145+00 TO STA 149+00	307	45		210			44							4
118	STA 149+00 TO STA 153+00	307						25							2
119	STA 153+00 TO STA 157+00	307													
120	STA 157+00 TO STA 160+00	271													
121	STA 160+00 TO END	173													
	RONALD REAGAN BLVD														
125	STA 12+36.77 TO STA 16+00.00														
126	STA 16+00.00 TO STA 20+00.00	19													
127	STA 20+00.00 TO STA 21+50.00	8													
	PROJECT TOTALS	7,313	109	73	676	370	98	241	120	44	6	4	28	8	20

* FOR CONTRACTORS INFORMATION ONLY (NOT A PAY ITEM).

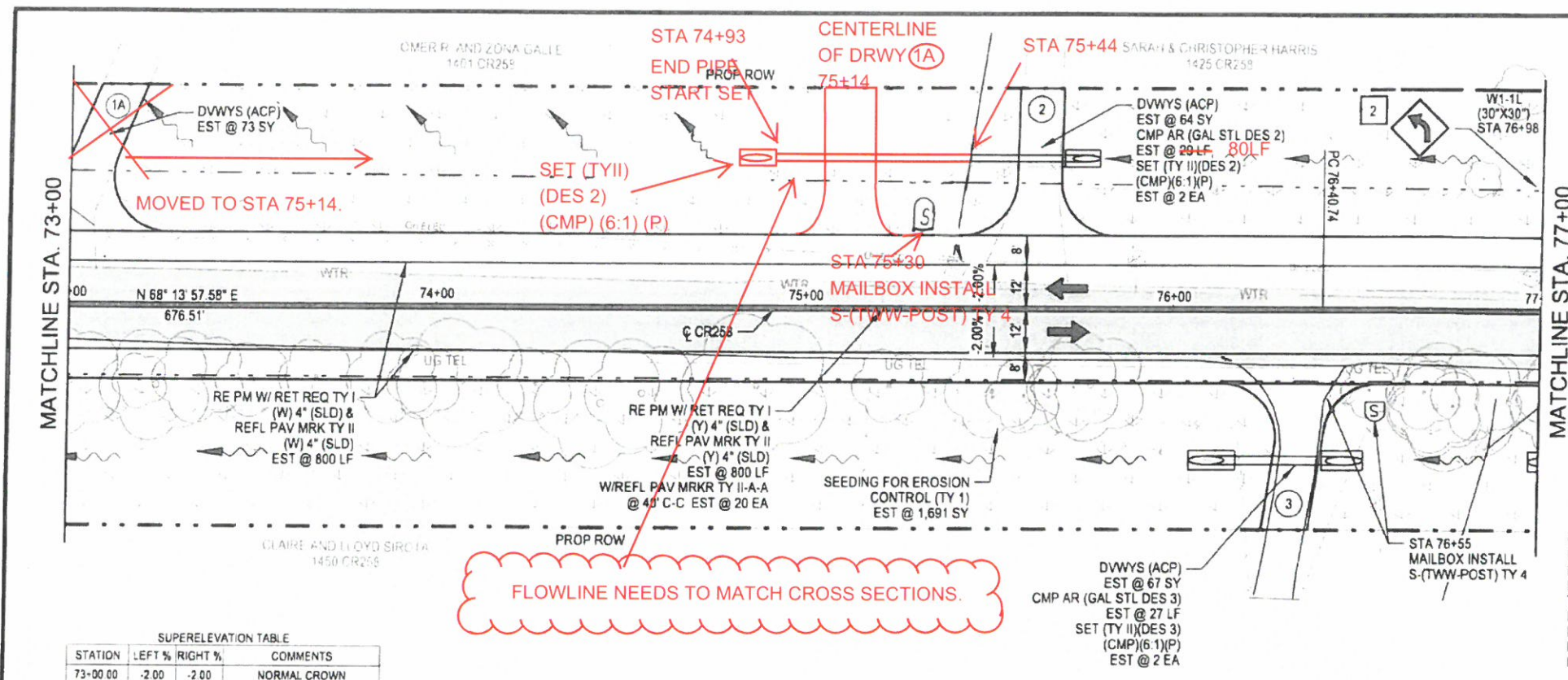
DESIGNED BY: M.L.
DRAWN BY: M.L.
CHECKED BY: M.B.
PROJECT NO: E032001
DATE: 12/13/2016
SCALE: PLOT AT 1"=40'

REVISION
NO. BY: DATE:

REGISTERED PROFESSIONAL
MELISSA G. BYLER
P.E.
95610
12/13/2016

FINAL
SUBMITTAL
SHEET NUMBER
19 OF 265

RECONSTRUCTION OF COUNTY ROAD 258
ROADWAY SUMMARY
SHEET 1 OF 3
OWNER: WILLIAMSON COUNTY, TEXAS c/o CYNTHIA LONG, PRECINCT NO. 2 COMMISSIONER © 2015 WILLIAMSON COUNTY

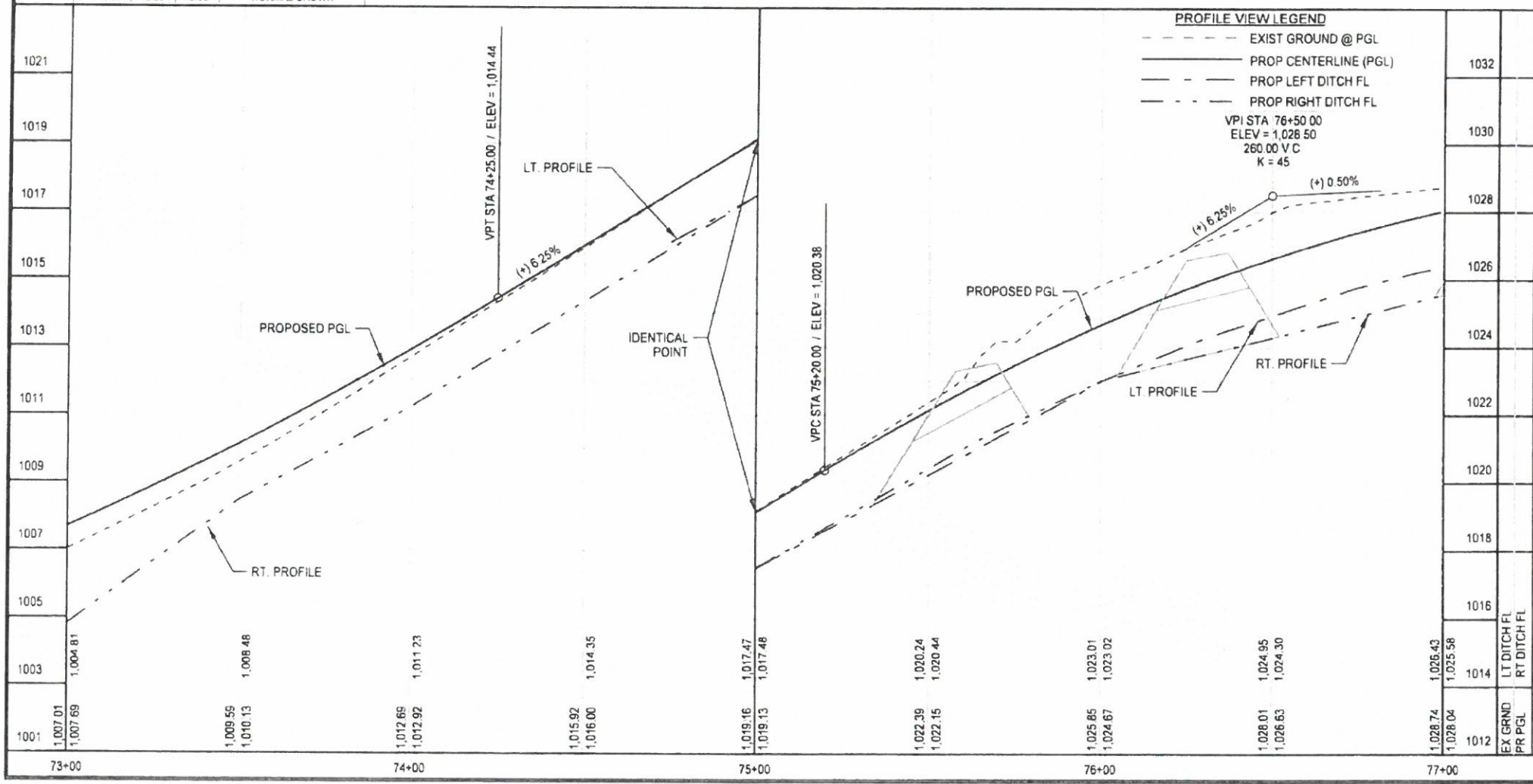


- PLAN VIEW LEGEND**
- EXISTING PAVEMENT
 - APPARENT R.O.W.
 - PROPOSED R.O.W.
 - PROPOSED PAVEMENT EDGE
 - PROPERTY LINE
 - PROPOSED DITCH FLOWLINE
 - EXIST. CHAINLINK FENCE
 - EXIST. WIRE FENCE
 - LIMITS OF PAVING
 - EXIST. MAILBOX
 - PROP. MAILBOX (SINGLE)
 - PROP. MAILBOX (MULTIPLE)
 - TREES
 - PROP. DRIVEWAY NUMBER (SEE DRIVEWAY SUMMARY FOR DETAILS)
 - SIGN
 - SMALL SIGN DESIGNATION (SEE SMALL SIGN SUMMARY FOR DETAILS)
 - DELINEATOR
 - BORE LOCATION

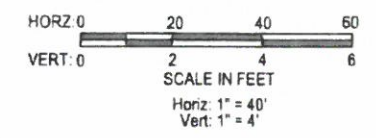
SUPERELEVATION TABLE

STATION	LEFT %	RIGHT %	COMMENTS
73+00.00	-2.00	-2.00	NORMAL CROWN

Curve RPC-1
 P.I. Station 77+01.78 N
 Delta = 1° 09' 56.81" (RT)
 Degree = 1° 25' 43.76"
 Tangent = 40.7966
 Length = 81.5904
 Radius = 4,010.0000
 P.C. Station 76+60.99 N
 P.T. Station 77+42.58 N



AS-BUILT SHEET, NOT TO SCALE.
 CAN BE ADJUSTED IN THE FIELD
 IF NECESSARY.



- NOTES:**
- EXISTING UTILITIES ARE SHOWN AT APPROXIMATE LOCATIONS AND AT ASSUMED DEPTHS. CONTRACTOR SHALL VERIFY LOCATIONS AND DEPTHS OF ALL UTILITIES (SHOWN OR NOT SHOWN) PRIOR TO BEGINNING CONSTRUCTION.
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 - SEE CROSS SECTIONS AND DITCH PROFILES FOR CHANNEL AND SIDE SLOPE GRADING AND ELEVATION.
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 - CONTRACTOR SHALL PROVIDE ACCESS TO ADJACENT PROPERTY AND INTERSECTING STREETS AT ALL TIMES DURING CONSTRUCTION.

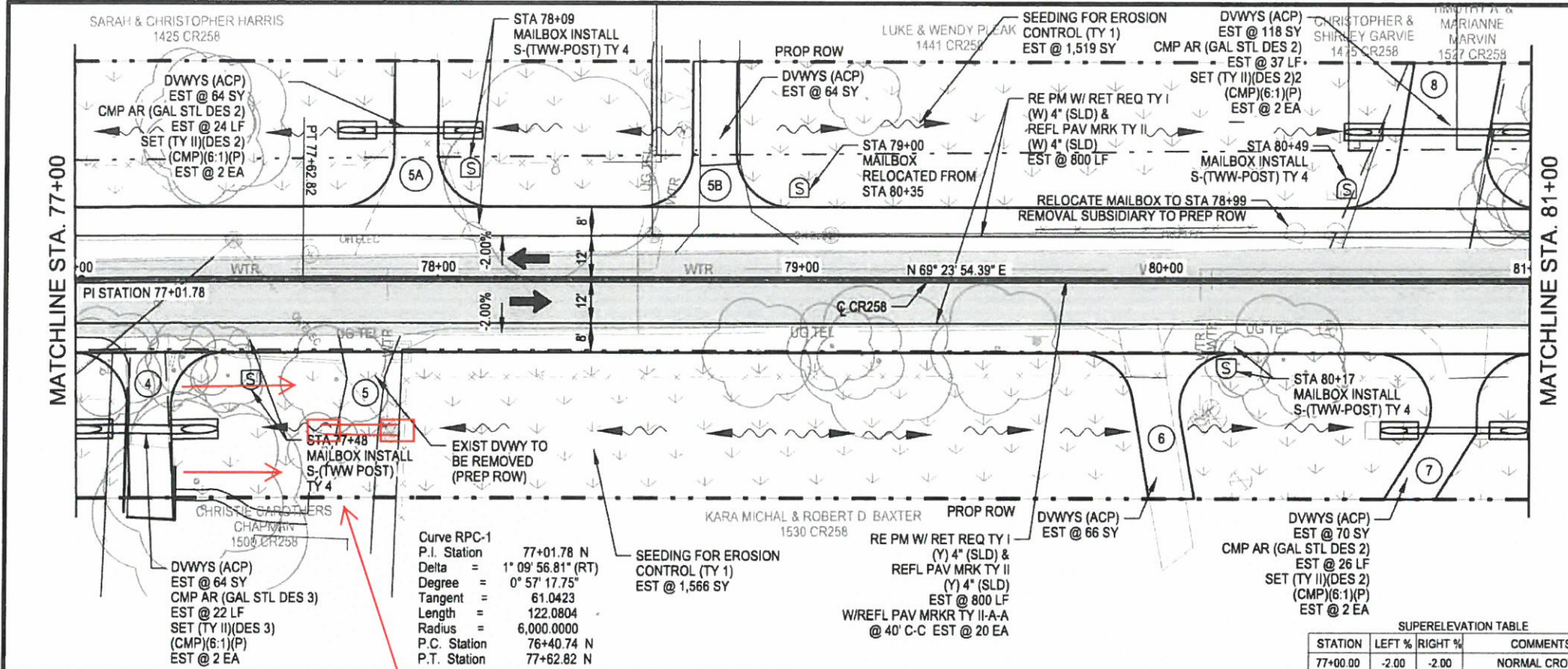
PROJECT NO. 2020000
 DATE 3/10/2016
 SCALE 1" = 40'
 DESIGNED BY
 DRAWN BY
 CHECKED BY
 REVISION
 NO. BY DATE

OWNER: WILLIAMSON COUNTY, TEXAS
 RECONSTRUCTION OF COUNTY ROAD 258
 CR 258
 PLAN AND PROFILE
 STA. 73+00 TO STA. 77+00
 SHEET 2 OF 24

REGISTRATION NO. F-2214
 SURVEYING & 1004.10-00

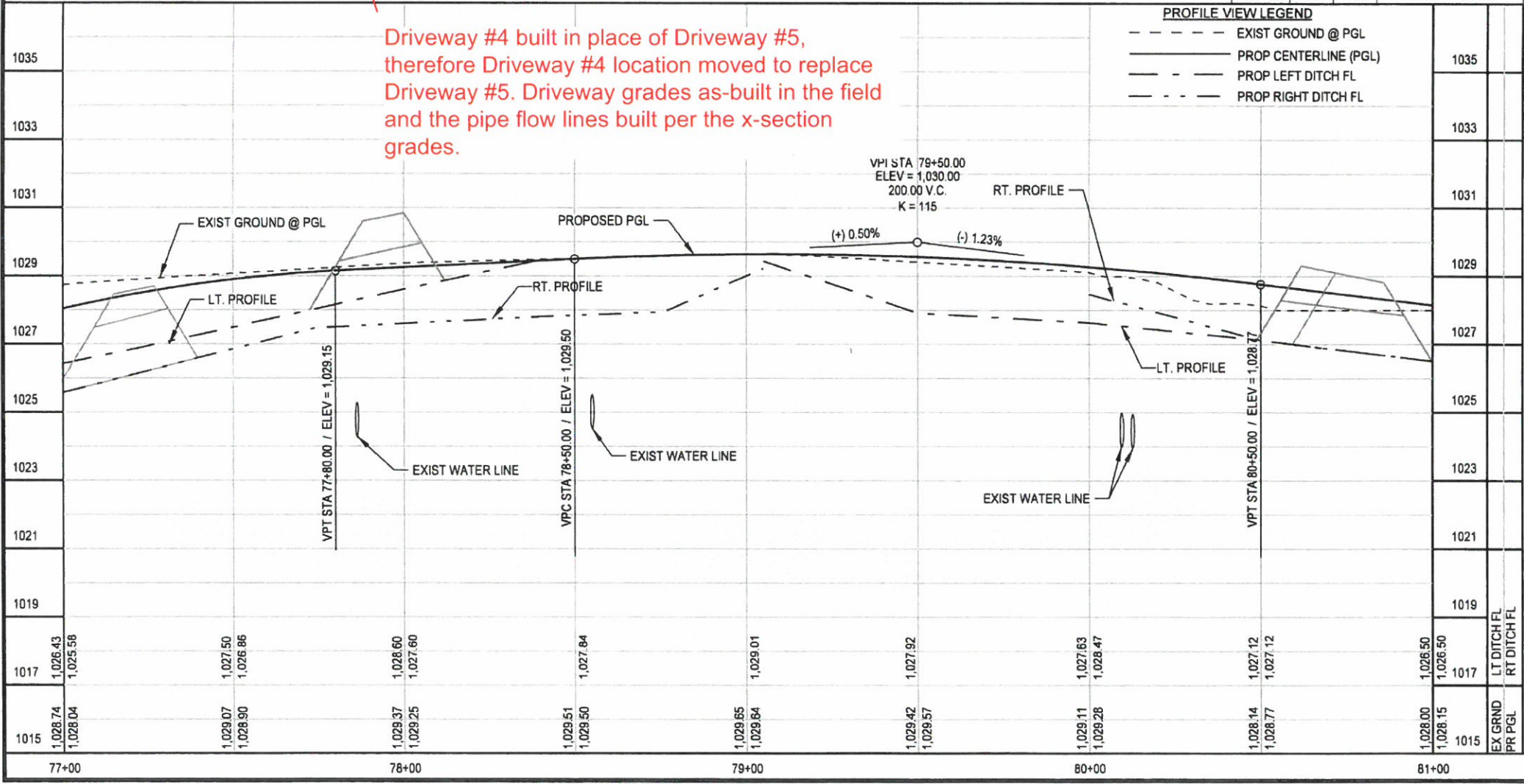
FINAL SUBMITTAL

99 OF 265



- PLAN VIEW LEGEND**
- EXISTING PAVEMENT
 - APPARENT R.O.W.
 - PROPOSED R.O.W.
 - PROPOSED PAVEMENT EDGE
 - PROPERTY LINE
 - PROPOSED DITCH FLOWLINE
 - EXIST. CHAINLINK FENCE
 - EXIST. WIRE FENCE
 - LIMITS OF PAVING
 - EXIST. MAILBOX
 - PROP. MAILBOX (SINGLE)
 - PROP. MAILBOX (MULTIPLE)
 - TREES
 - PROP. DRIVEWAY NUMBER (SEE DRIVEWAY SUMMARY FOR DETAILS)
 - SIGN
 - SMALL SIGN DESIGNATION (SEE SMALL SIGN SUMMARY FOR DETAILS)
 - DELINEATOR
 - BORE LOCATION

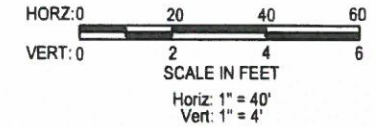
Driveway #4 built in place of Driveway #5, therefore Driveway #4 location moved to replace Driveway #5. Driveway grades as-built in the field and the pipe flow lines built per the x-section grades.



SUPERELEVATION TABLE

STATION	LEFT %	RIGHT %	COMMENTS
77+00.00	-2.00	-2.00	NORMAL CROWN

- PROFILE VIEW LEGEND**
- EXIST GROUND @ PGL
 - PROP CENTERLINE (PGL)
 - PROP LEFT DITCH FL
 - PROP RIGHT DITCH FL



- NOTES:**
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RECONSTRUCTION OF COUNTY ROAD 258
CR 258
PLAN AND PROFILE
STA. 77+00 TO STA. 81+00
SHEET 3 OF 24

OWNER: WILLIAMSON COUNTY, TEXAS c/o CYNTHIA LONG, PRECINCT NO. 2 COMMISSIONER

DESIGNED BY: M.L.
DRAWN BY: M.L.
CHECKED BY: M.B.
DATE: 3/10/2016
SCALE: 1" = 40'

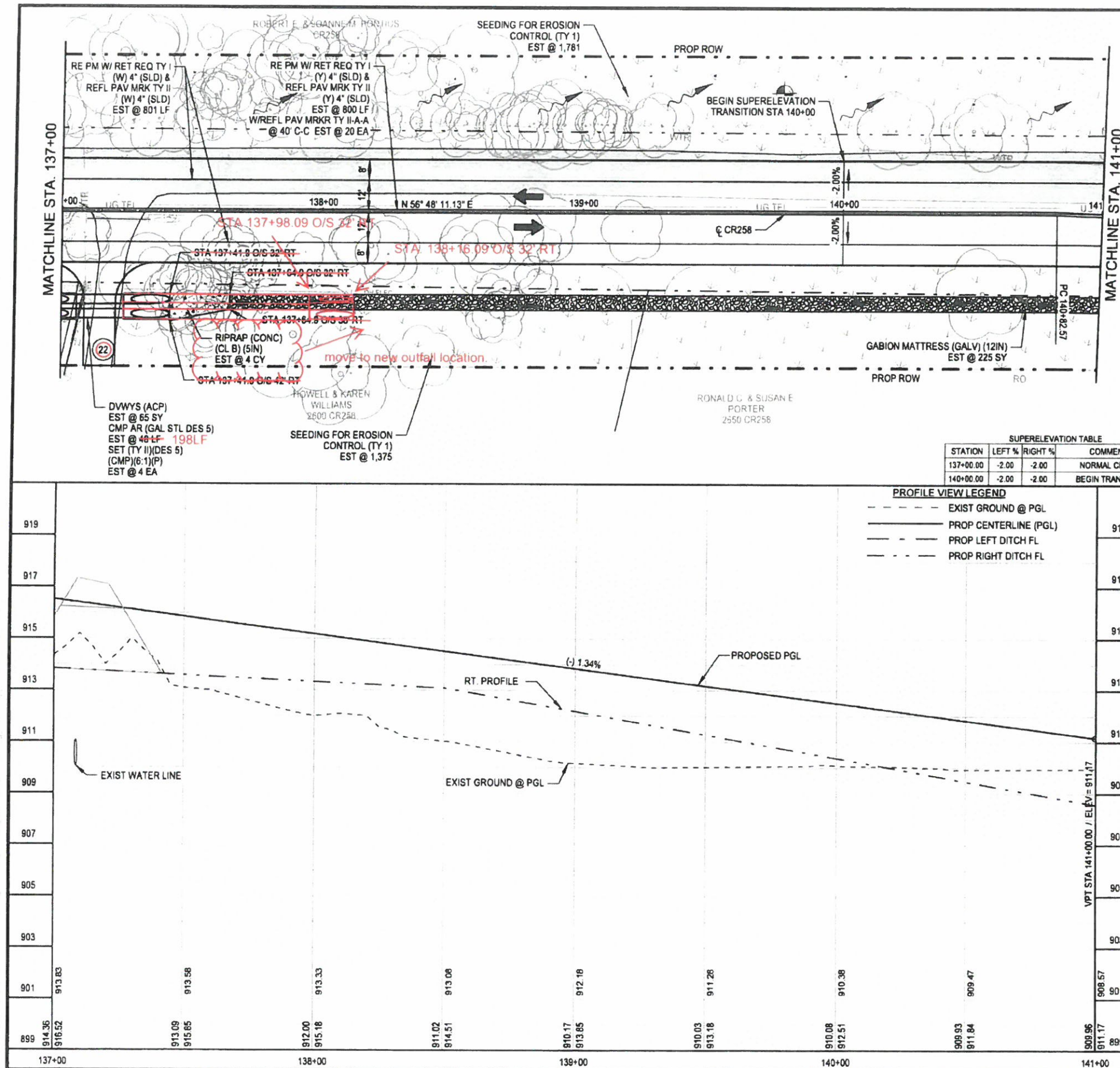
PROJECT NO. E032701
REVISION: 1
NO. BY: DATE:

CEC
CIVIL ENGINEERING
CONSULTANTS
REGISTRATION NO. E-2214
SURVEYING # 100410-00

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY
MELISSA G. BYLER, P.E. 9859
3/10/2016

FINAL
SUBMITTAL

SHEET NUMBER
100 of 265



**RECONSTRUCTION OF COUNTY ROAD 258
CR 258
PLAN AND PROFILE
STA. 137+00 TO STA. 141+00
SHEET 18 OF 24**

OWNER: WILLIAMSON COUNTY, TEXAS c/o CYNTHIA LONG, PRECINCT NO. 2 COMMISSIONER

DESIGNED BY: M.L. DRAWN BY: M.L. CHECKED BY: M.B.

DATE: 3/10/2016 SCALE: 1" = 40' 1" = 40'

PROJECT NO. E00001

REVISION:

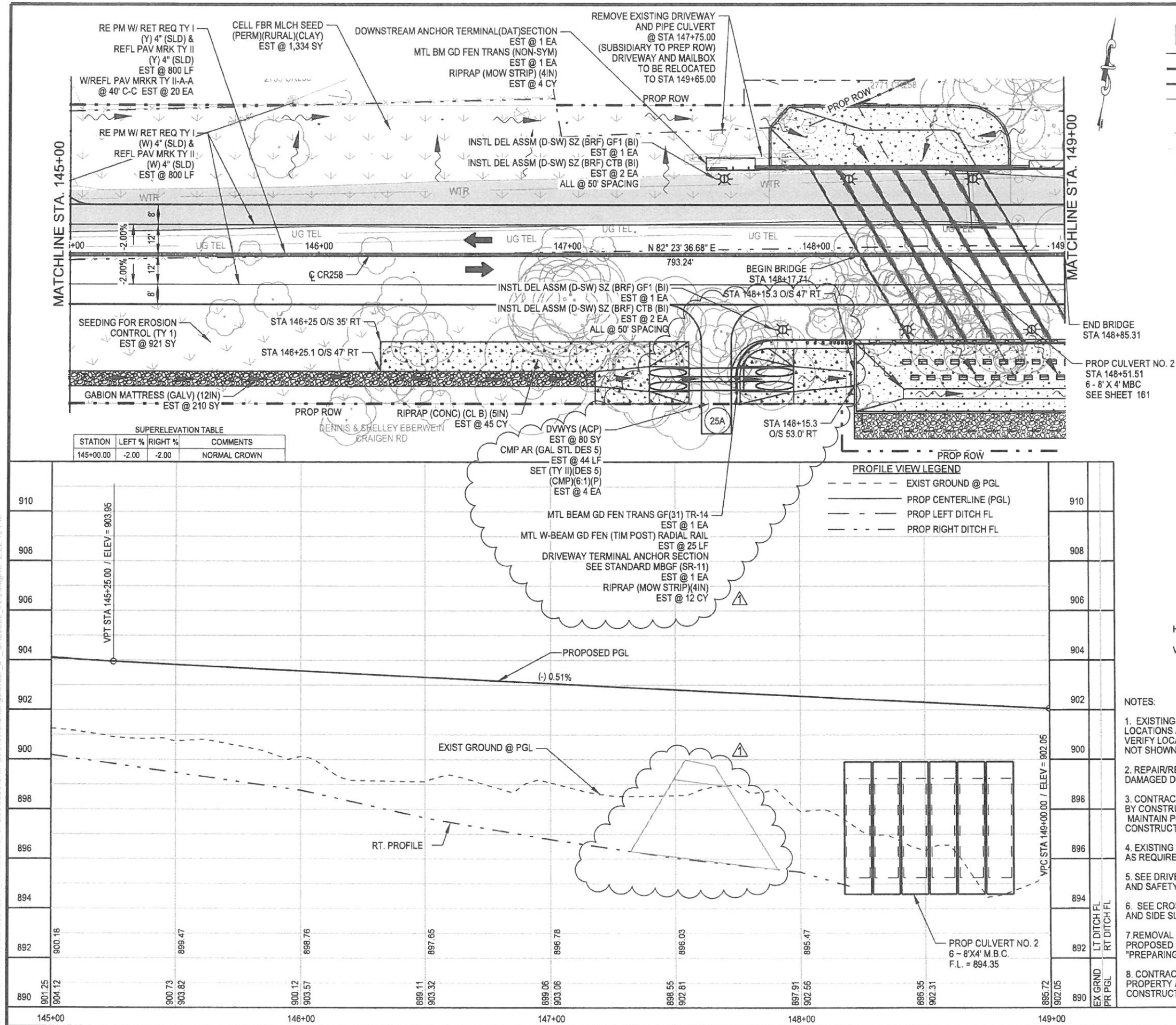
NO. BY DATE

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY MELISSA G. BYLER, P.E. 98639 3/10/2016

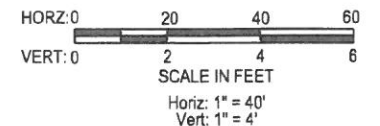
FINAL SUBMITTAL

SHEET NUMBER 115 OF 265

X:\data\projects\2013\Waco\CR258\ChangeOrder_01_CR25802.mxd 2:22:10 PM



ADDITION OF DRIVEWAY 25A, PIPE CULVERTS AND RAILING.



RECONSTRUCTION OF COUNTY ROAD 258

CR 258

PLAN AND PROFILE

STA. 145+00 TO STA. 149+00

CHANGE ORDER #1

SHEET 20 OF 24

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY

MELISSA G. BYLER, P.E. 1995.6

10/11/2016



FINAL SUBMITTAL

SHEET NUMBER 117 OF 265

OWNER: WILLIAMSON COUNTY, TEXAS c/o CYNTHIA LONG, PRECINCT NO. 2 COMMISSIONER

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REGISTRATION NO. F-2214

SURVEYING # 100410-00

CONSULTANTS

CIVIL ENGINEERING

CEC

DESIGNED BY: M.L.

DRAWN BY: M.L.

CHECKED BY: M.B.

PROJECT NO: EC052001

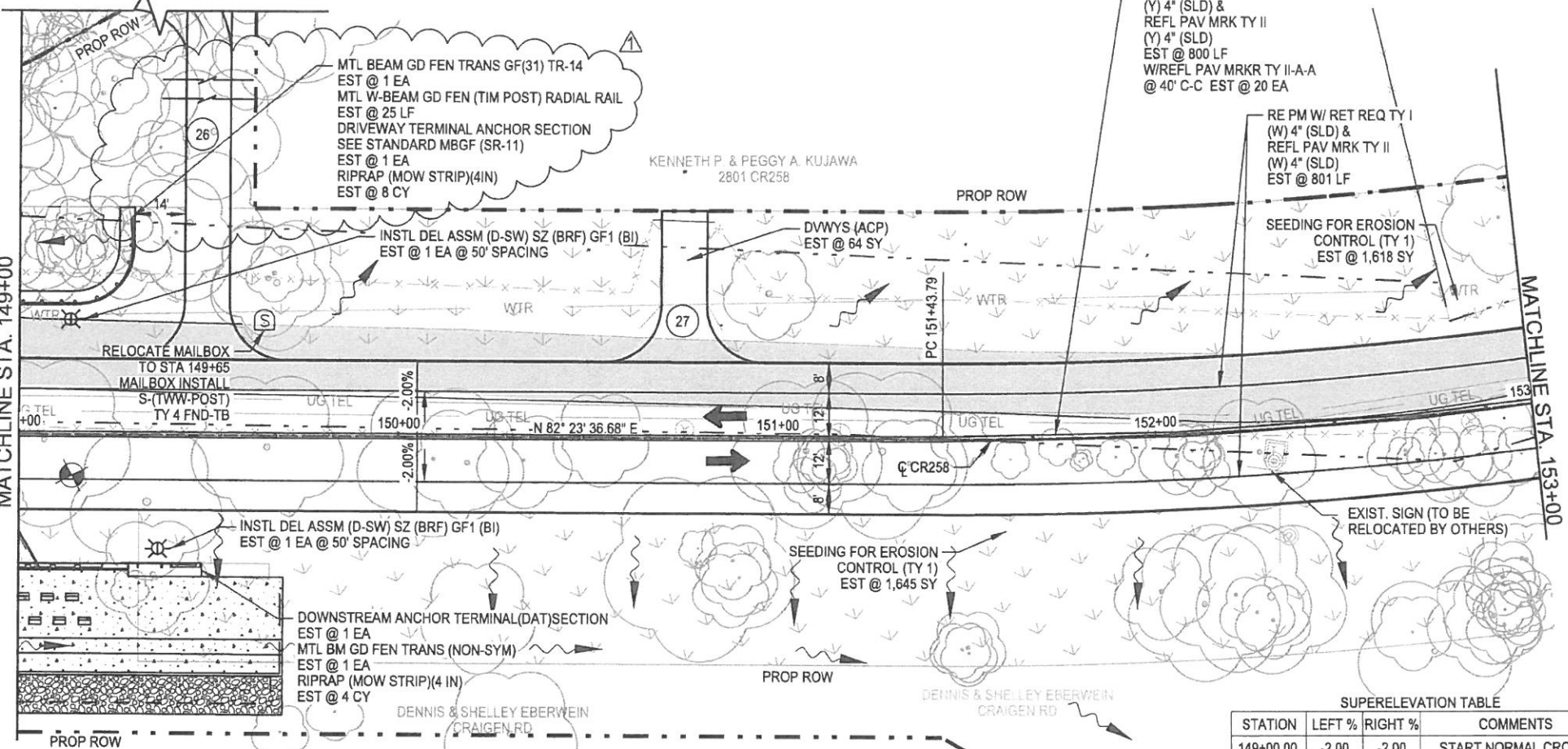
DATE: 10/14/2016

SCALE: 1" = 40'

MATCHLINE SEE DWY NOTE

MATCHLINE STA. 149+00

MATCHLINE STA. 153+00



PLAN VIEW LEGEND

- EXISTING PAVEMENT
- APPARENT R.O.W
- PROPOSED R.O.W.
- PROPOSED PAVEMENT EDGE
- PROPERTY LINE
- PROPOSED DITCH FLOWLINE
- EXIST. CHAINLINK FENCE
- EXIST. WIRE FENCE
- LIMITS OF PAVING
- EXIST. MAILBOX
- PROP. MAILBOX (SINGLE)
- PROP. MAILBOX (MULTIPLE)
- TREES
- PROP. DRIVEWAY NUMBER (SEE DRIVEWAY SUMMARY FOR DETAILS)
- SIGN
- SMALL SIGN DESIGNATION (SEE SMALL SIGN SUMMARY FOR DETAILS)
- DELINEATOR
- BORE LOCATION

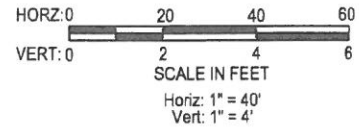
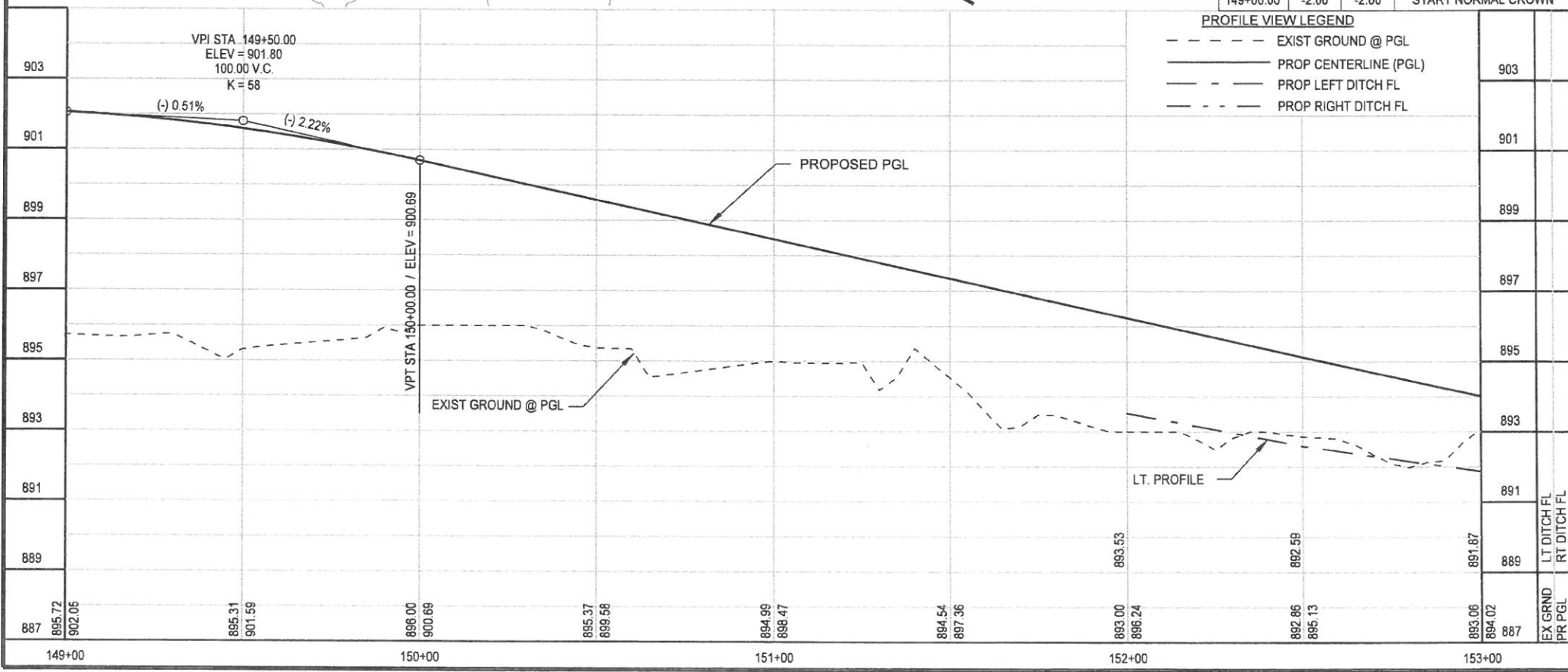
DWY NOTE:
1. SEE DRIVEWAY PLAN AND PROFILE (SHEET XXX) FOR MORE DETAILS.

ADJUSTMENT TO MBGF AT DRIVEWAY 26.

SUPERELEVATION TABLE			
STATION	LEFT %	RIGHT %	COMMENTS
149+00.00	-2.00	-2.00	START NORMAL CROWN

PROFILE VIEW LEGEND

- EXIST GROUND @ PGL
- PROP CENTERLINE (PGL)
- PROP LEFT DITCH FL
- PROP RIGHT DITCH FL



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DESIGNED BY: M.L.
DRAWN BY: M.L.
CHECKED BY: M.B.
PROJECT NO: E032001
DATE: 10/14/2016
SCALE: 1" = 40'
PLOT AT: 1" = 40'

CFC
CIVIL ENGINEERING
CONSULTANTS
REGISTRATION NO. F-2214
SURVEYING # 100410-00

REVISION
DATE
NO. BY

PRECINCT NO. 2 COMMISSIONER
© 2015 WILLIAMSON COUNTY

RECONSTRUCTION OF COUNTY ROAD 258
CR 258
PLAN AND PROFILE
STA. 149+00 TO STA. 153+00
SHEET 21 OF 24

OWNER: WILLIAMSON COUNTY, TEXAS c/o CYNTHIA LONG

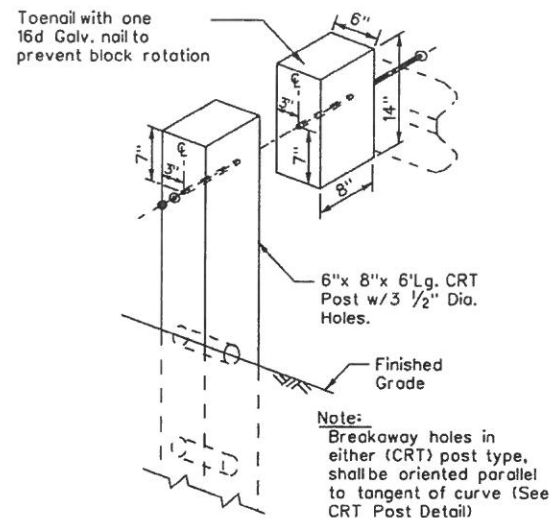
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY
MELISSA G. BYLER, P.E.
10/14/2016

FINAL SUBMITTAL

SHEET NUMBER
118 OF 265

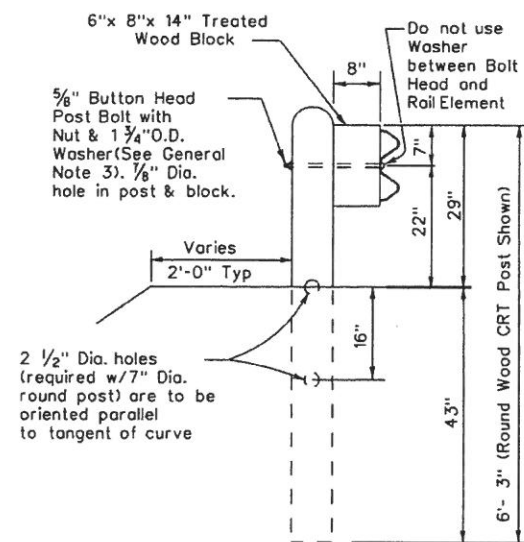
DISCLAIMER: The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the conversion of this standard to other formats or for incorrect results or damages resulting from its use.

DATE:
FILE:



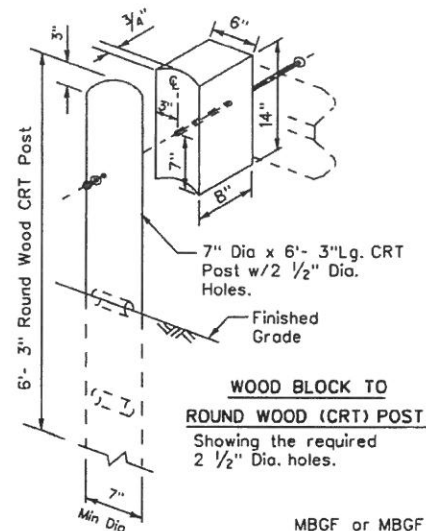
WOOD BLOCK TO RECTANGULAR

WOOD (CRT) POST
Showing the required
3 1/2" Dia. holes.

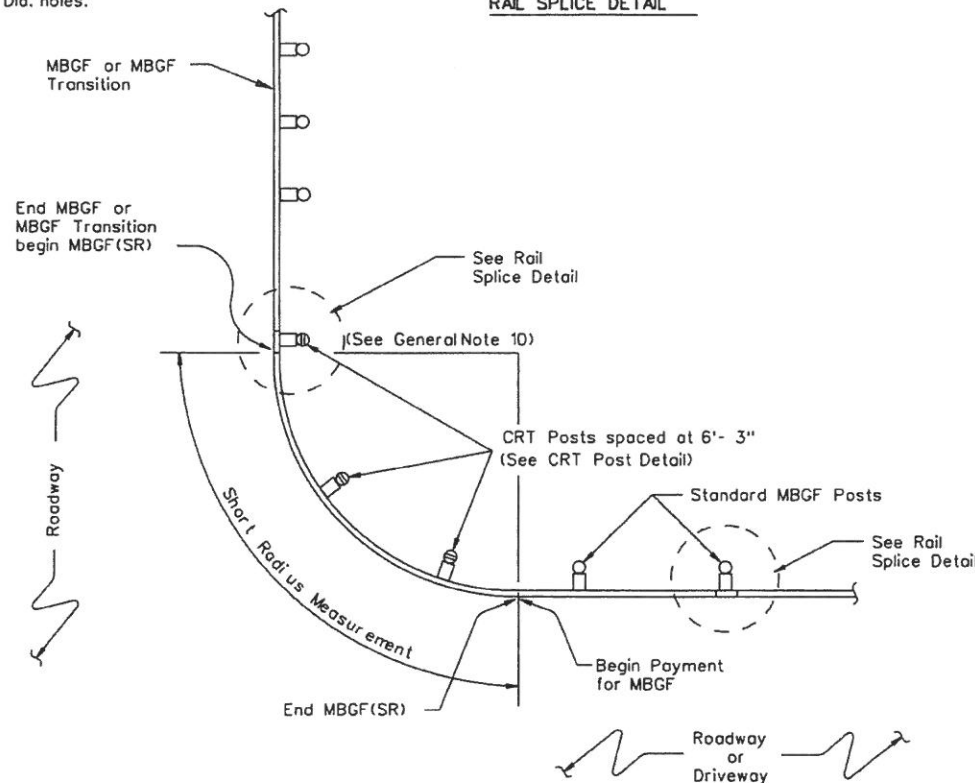


(CRT) POST DETAIL CONTROLLED RELEASE TERMINAL POST

Two or more wood CRT post(s) are required at any radius installation located at intersecting roadways or driveways.

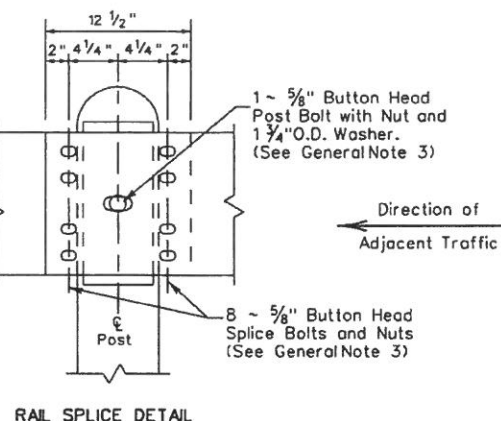


WOOD BLOCK TO ROUND WOOD (CRT) POST Showing the required 2 1/2" Dia. holes.



PLAN VIEW SHOWING TYPICAL RADIUS

The required radius is shown elsewhere on the plans.

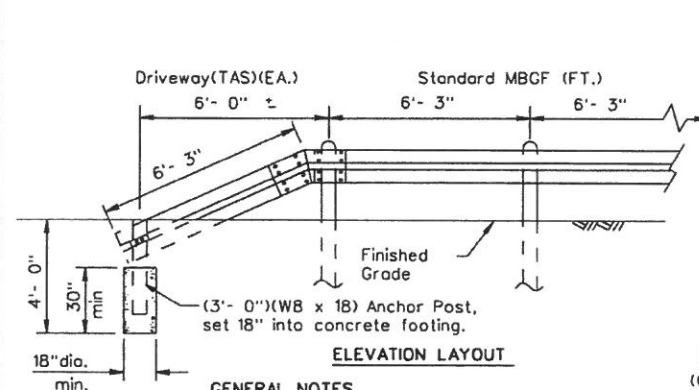


RAIL SPLICE DETAIL

GENERAL NOTES

1. The type of (CRT) post (round wood post, or rectangular wood post) will be shown elsewhere in the plans. The exact position of MBGF shall be shown elsewhere in the plans or as directed by the Engineer.
2. Steel posts are not permitted at CRT post positions.
3. Rail element shall meet the requirements of Item 540, "Metal Beam Guard Fence" except as modified on the plans. The Contractor may furnish rail elements of 12 1/2 or 25 foot nominal lengths.
4. Button head "post" bolts (ASTM A307) shall be of sufficient length to extend through the full thickness of the nut (ASTM A563) and Type A (1 1/4" O.D.) washer and not more than 1" beyond it. Button head "splice" bolts (ASTM A307) are 5/8" x 1 1/4" (or 2" long at triple rail splices) with a 5/8" double recessed nut (ASTM A563).
5. Fittings (bolts, nuts, and washers) shall be galvanized in accordance with Item 445, "Galvanizing." Fittings shall be subsidiary to the bid item.
6. Crown shall be widened to accommodate the Metal Beam Guard Fence.
7. The lateral approach to the guard fence, shall have a slope rate of not more than 1V:10H.
8. Unless otherwise shown in the plans, guard fence placed in the vicinity of curbs shall be positioned so that the face of curb is located directly below or behind the face of the block. Rail placed over curbs shall be installed so that the post bolt is located approximately 21 inches above the gutter pan or roadway surface.
9. If solid rock is encountered within 0 to 18" of the finished grade, drill a 22" dia. hole, 24" into the rock, or drill two 12" dia. front to back overlapping holes, 24" into the rock. If solid rock is encountered below 18", drill a 12" dia. hole, 12" into the rock or to the standard embedment depth, whichever is less. Any excess post length, after meeting these depths, may be field cut to ensure proper guardrail mounting height. Backfill with a cohesionless material.
10. Guardrail posts shall not be set in concrete, of any depth.
11. Special rail fabrication will be required at installations having a curvature of less than 150 ft. radius. The required radius shall be shown on the plans.
12. The terminal anchor section (TAS) post shall be set in Class A concrete (unless otherwise shown in the plans) in accordance with Item 421, "Hydraulic Cement Concrete." Concrete shall be subsidiary to the bid item requiring construction of the terminal anchor section (TAS). Terminal anchor post to be galvanized in accordance with Item 445, "Galvanizing."
13. Unless otherwise shown in the plans, a composite material post and/or block that meets the requirements of DMS-7210, "Composite Material Posts and Blocks for Metal Beam Guard Fence" may be substituted for posts and/or blocks of similar dimensions. The Construction Division, TxDOT maintains a Material Producer List (MPL) for producers of materials conforming to DMS-7210. Only producers on the MPL can furnish composite material posts and/or blocks.

▲ STANDARD ADDED TO THE PLANS.

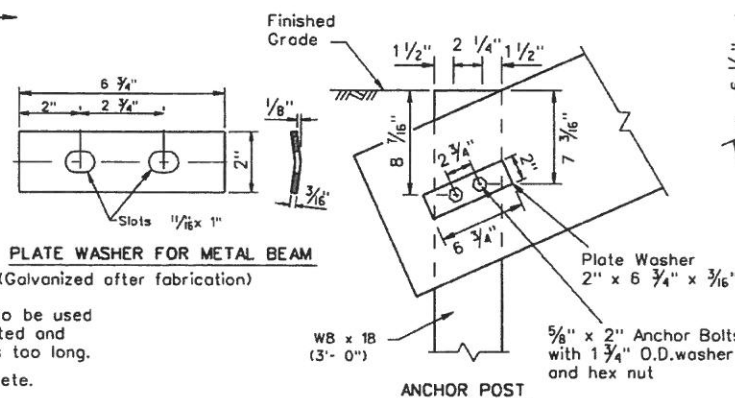


GENERAL NOTES

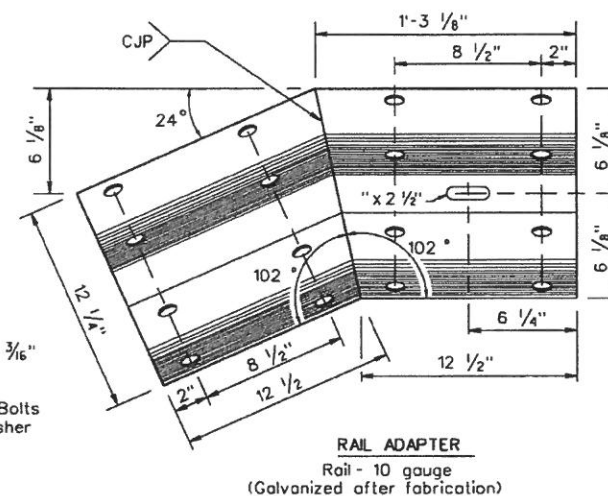
1. The "Driveway" Terminal Anchor Section is ONLY to be used within driveway locations, where the ROW is limited and a standard 25 ft. (TAS) Terminal Anchor Section is too long.
2. Terminal anchor post shall be set in Class A concrete.
3. All steel shall be galvanized after fabrication in accordance with Item 445, "Galvanizing."

"DRIVEWAY" TERMINAL ANCHOR SECTION

Only for use within driveway locations, where a standard (TAS) Terminal Anchor Section can not be installed.



ANCHOR POST



RAIL ADAPTER

Rail - 10 gauge
(Galvanized after fabrication)

Texas Department of Transportation		Design Division Standard	
METAL BEAM GUARD FENCE (SHORT RADIUS) MBGF (SR)-11			
FILE: mbg/sr/11.dgn	DN: TxDOT	CK: AM	DW: BD
© TxDOT June 2010	CONT	SECT	JOB
12-2011	REVISIONS	POST	COUNTY
			SHEET NO. 136A

