

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 11

1. CONTRACTOR: Jordan Foster

2. Change Order Work Limits: Sta. 12+98 to Sta. 270+26

3. Type of Change(on federal-aid non-exempt projects): Minor (Major/Minor)

4. Reasons: 2G (3 Max. - In order of importance - Primary first)

Project: 1812-282

Roadway: SJ Improvements

CSJ
Number: _____

5. Describe the work being revised:

2G. Differing Site Conditions.Unadjusted utility (unforeseeable): This Change Order compensates the Contractor for the cost of overhead for the 24 days added to contract time for the relocation of Liberty Hill water lines along SH 29. The cost of the work was added in Change Order 5 and the time was added in Change Order 10. The time impact of the additional work was not known at the time the cost of the work was negotiated.

6. Work to be performed in accordance with Items: See attached

7. New or revised plan sheet(s) are attached and numbered: N/A

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. #: NA Days added on this CO: 0

Amount added by this change order: \$68,933.28

THE CONTRACTOR Date 11/17/2021

By



Typed/Printed Name John Goodrich, P.E.

Typed/Printed Title Executive Vice President

RECOMMENDED FOR EXECUTION:



11/22/21

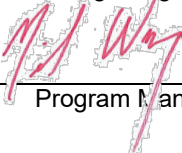
Project Manager

Date

N/A

Design Engineer

Date



Program Manager

11/22/2021

Date

Williamson County Engineer

Date

Design Engineer's Seal:

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

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 11

Project # 1812-282

TABLE A: Force Account Work and Materials Placed into Stock[illegible]

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
SEWARD JUNCTION SOUTHWEST									
999-021	PROJECT OVERHEAD	DAY	\$2,872.22	0.00	\$0.00	24.00	24.00	\$68,933.28	\$68,933.28

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

**Seward Junction Improvements
Williamson County Project No. 1812-282**

Change Order No. 11

Reason for Change

This Change Order compensates the Contractor for the cost of overhead for the 24 days added to the contract time for the relocation of the Liberty Hill water lines along SH 29. The cost of the work was added in Change Order 5 and the time was added in Change Order 10. The time impact of the additional work was not known at the time the cost of the work was negotiated.

The County agrees to pay the contractor's actual cost for Project Management, Safety Coordinator, Surveyor, and support for these positions for the 24 days added to the contract for the Liberty Hill waterline relocation along SH 29. These costs were not included in previously submitted costs.

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

ITEM	DESCRIPTION	QTY	UNIT	U.P.	TOTAL
999-021	PROJECT OVERHEAD	24	DAY	\$2,872.22	\$68,933.28

This Change Order results in a net increase of \$68,933.28 to the Contract amount, for an adjusted Contract total of \$14,073,560.21. The original Contract amount was \$13,270,258.10. As a result of this and all Change Orders to-date, \$803,302.11 has been added to the Contract, resulting in an 6.05% net increase in the Contract cost. No (0) additional days will be added to the Contract, as a result of this Change Order.

HNTB Corporation

Oscar Salazar-Bueno, P.E.



15603 North IH 35
Pflugerville, TX 78660
P: 512.990.8313
F: 512.990.3785

A Foundation of ExcellenceSM

September 29, 2021

HNTB
101 E. Old Settlers Blvd., Ste. 100
Round Rock, TX 78664

Attn: Clayton Weber

Re: Project No. 1812-282
Seward Junction Improvements
Williamson County

Dear Mr. Weber:

The following is the unit price for the project overhead spent on the above referenced project over an 84-day or 2.8-month period.

Item 0000-0000	PROJECT OVERHEAD					
Contractor Cost per Unit				<u>\$2,872.22</u>		
Approx.	84	DY	@	\$2,872.22	=	\$241,266.48

The cost breakdown is enclosed for review.

If you have any questions, please contact me at (512) 364-3540.

Very Truly Yours,

JORDAN FOSTER CONSTRUCTION

JC Kindel
Project Manager

Enclosure: Cost Breakdown.

JORDAN FOSTER CONSTRUCTION
COST BREAKDOWN

Project: 1812-282 Seward Junction Improvements
JFC Job #: 20103

Project Overhead
Change from HMAc to CRCP

Estimated Quantity 84 DY

LABOR:

	Daily Wages	Overtime Factor 0.0%	Payroll Taxes/Insur. 55%	Contractor Compensation 0%	Total Daily Rate	Number of Days		Total Cost
Indirect Labor								
<u>Name</u>								
Project Manager	400.00	0.00	220.00	0.00	620.00	42.00	=	\$ 26,040.00
Superintendent	400.00	0.00	220.00	0.00	620.00	84.00	=	\$ 52,080.00
General Superintendent	400.00	0.00	220.00	0.00	620.00	42.00	=	\$ 26,040.00
Safety Coordinator	256.00	0.00	140.80	0.00	396.80	21.00	=	\$ 8,332.80
Survey	304.00	0.00	167.20	0.00	471.20	84.00	=	\$ 39,580.80
Survey Helper	144.00	0.00	79.20	0.00	223.20	84.00	=	\$ 18,748.80
								\$ 170,822.40

MATERIAL:

	Quantity	Unit	Material Rate	Material Compensation 0%	Total Material Rate		
Survey	2.80	MO	900.00	0.00	900.00	=	\$ 2,520.00
Cell Phones	2.80	MO	800.00	0.00	800.00	=	\$ 2,240.00
Safety	2.80	MO	800.00	0.00	800.00	=	\$ 2,240.00
							\$ 7,000.00

SUBCONTRACTOR:

	Quantity	Unit	Subcontractor Rate	Subcontractor Compensation 0%	Total Subcontractor Rate		
Testing Services	2.80	MO	3400.00	0.00	3400.00	=	\$ 9,520.00
Portable Toilets	2.80	MO	565.00	0.00	565.00	=	\$ 1,582.00
							\$ 11,102.00

EQUIPMENT:

	Quantity	Unit	Equipment Rate	Equipment Compensation 15%	Total Equipment Rate		
Pickups	273.00	DY	166.72	25.01	191.73	=	\$ 52,342.29
							\$ 52,342.29

SUBTOTAL COST		\$ 241,266.69
		\$ -
TOTAL COST		\$ 241,266.69

UNIT PRICE \$2,872.22 /DY

Daily Rate (6% of Original Contract Amount per Original Contract Days) \$1,327.03 /DY

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 5

1. CONTRACTOR: Jordan Foster Construction

2. Change Order Work Limits: Sta. 105+00 to Sta. 106+00

3. Type of Change (on federal-aid non-exempt projects): Minor (Major/Minor)

4. Reasons: 2G (3 Max. - In order of importance - Primary first)

Project: 1812-282

Roadway: Seward Junction

CSJ

Number: _____

5. Describe the work being revised:

2G: Differing Site Conditions (Unforeseeable). Unadjusted utility (unforeseeable). This Change Order compensates the Contractor for additional work to install a new 6" and a new 8" wastewater line, a new 6" water line, and remove an existing wastewater vault that has been abandoned. The installation of the new underground utilities are necessary because the existing lines are in conflict with the proposed construction at the intersection of SH 29 and Seward Junction Southwest. The utilities belong to the City of Liberty Hill.


6. Work to be performed in accordance with Items: See attached.

7. New or revised plan sheet(s) are attached and numbered: 1 - 7

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).

<p><i>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.</i></p> <p>THE CONTRACTOR Date <u>7-24-2020</u></p> <p>By  <small>Digitally signed by John Goodrich, P.E. DN: cn=John Goodrich, P.E., o=Jordan Foster Construction, LLC, email=jgoodrich@jordanfosterconstruction.com, c=Texas</small></p> <p>Typed/Printed Name <u>John Goodrich, P.E.</u></p> <p>Typed/Printed Title <u>Executive Vice President</u></p>	<p>The following information must be provided</p> <p>Time Ext. #: <u>N/A</u> Days added on this CO: <u>0</u></p> <p>Amount added by this change order: <u>\$272,222.65</u></p>
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RECOMMENDED FOR EXECUTION:

 7/28/20
Project Manager Date

N/A
Design Engineer Date

 7/28/2020
Program Manager Date

Design Engineer's Seal:

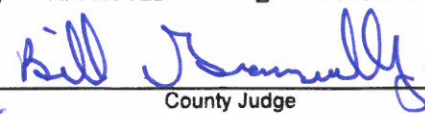
N/A

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

 8/4/20
County Judge Date
☒ APPROVED

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 5

Project # 1812-282

TABLE A: Force Account Work and Materials Placed into Stock

	LABOR	HOURLY RATE		HOURLY RATE

TABLE B: Contract Items:

ITEM	DESCRIPTION	UNIT	UNIT PRICE	ORIGINAL + PREVIOUSLY REVISED		ADD or (DEDUCT)	NEW		OVERRUN/ UNDERRUN
				QUANTITY	ITEM COST	QUANTITY	QUANTITY	ITEM COST	
999-001	INSURANCE, BONDS & MOBILIZATION	LS	\$12,852.98	0.00	\$0.00	1.00	1.00	\$12,852.98	\$12,852.98
999-002	CUT, PLUG, & ABANDONED EXISTING UTILITIES	LS	\$9,357.90	0.00	\$0.00	1.00	1.00	\$9,357.90	\$9,357.90
999-003	INSTALL & REMOVE SILT FENCE	LF	\$5.46	0.00	\$0.00	245.00	245.00	\$1,337.70	\$1,337.70
999-004	8" C900 DR18, FORCE MAIN-FITTINGS, RESTRAINED JOINTS	LF	\$187.11	0.00	\$0.00	197.00	197.00	\$36,860.67	\$36,860.67
999-005	6" C900 DR18, FORCE MAIN-FITTINGS, RESTRAINED JOINTS	LF	\$180.61	0.00	\$0.00	182.00	182.00	\$32,871.02	\$32,871.02
999-006	6" C900 DR18, WATERLINE-FITTINGS, RESTRAINED JOINTS	LF	\$182.85	0.00	\$0.00	201.00	201.00	\$36,752.85	\$36,752.85
999-007	18" STEEL ENCASEMENT (OPEN CUT)	LF	\$186.65	0.00	\$0.00	176.00	176.00	\$32,850.40	\$32,850.40
999-008	16" STEEL ENCASEMENT (OPEN CUT)	LF	\$162.09	0.00	\$0.00	355.00	355.00	\$57,541.95	\$57,541.95
999-009	WET CONNECTION	EA	\$5,367.63	0.00	\$0.00	6.00	6.00	\$32,205.78	\$32,205.78
999-010	6" GATE VALVE WITH BOX	EA	\$1,232.80	0.00	\$0.00	2.00	2.00	\$2,465.60	\$2,465.60
999-011	TRENCH SAFETY	LF	\$2.76	0.00	\$0.00	580.00	580.00	\$1,600.80	\$1,600.80
999-012	BYPASS PUMPING	DAY	\$5,175.00	0.00	\$0.00	3.00	3.00	\$15,525.00	\$15,525.00
TOTALS					\$0.00			\$272,222.65	\$272,222.65

Williamson County Road Bond Program

Seward Junction Improvements Williamson County Project No. 1812-282

Change Order No. 5

Reason for Change

This Change Order compensates the Contractor for additional work to install new 6" and an 8" wastewater lines, a new 6" water line and remove an existing wastewater vault that has been abandoned. The installation of the new underground utilities is necessary because the existing lines are in conflict with the proposed construction of the intersection of SH 29 and Seward Junction Southwest. The utilities belong to the City of Liberty Hill.

The new underground utility lines will be encased since they are under County Right of Way. The wastewater service will be maintained by pumping around the relocation area from manhole to manhole. The wastewater vault was shown in the plans, but no action was provided as to what to do with the structure and no method of payment was stated. The City's Utility Engineer generated the new plan sheets for the lowering of the lines and eliminating the vault. These lines are located along the south side and parallel to SH 29 across Texas Material's existing driveway. The Contractor's pricing was compared to other projects in the program and are comparable. This Change Order applies to the Seward Junction Southwest portion of the project.

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

ITEM	DESCRIPTION	QTY	UNIT
999-001	INSURANCE, BONDS, & MOBILIZATION	1	LS
999-002	CUT, PLUG, AND ABANDON EXISTING UTILITIES	1	LS
999-003	INSTALL & REMOVE SILT FENCE	245	LF
999-004	8" C900 DR18 FORCE MAIN-RESTRAINED JOINTS	197	LF
999-005	6" C900 DR18 FORCE MAIN-RESTRAINED JOINTS	182	LF
999-006	6" C900 DR18 WATER MAIN-RESTRAINED JOINTS	201	LF
999-007	18" STEEL ENCASEMENT (OPEN CUT)	176	LF
999-008	16" STEEL ENCASEMENT (OPEN CUT)	355	LF

999-009	WET CONNECTION	6	EA
999-010	6" GATE VALVE WITH VALVE BOXES	2	EA
999-011	TRENCH SAFETY	580	LF
999-012	BYPASS PUMPING	3	DAY

This Change Order results in a net increase of \$272,222.65 to the Contract amount, for an adjusted Contract total of \$13,685,753.57. The original Contract amount was \$13,270,258.10. As a result of this and all Change Orders to-date, \$415,495.47 has been added to the Contract, resulting in an 3.13% 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.

Eddie R. Church

From: Matt Gold <MGold@jordanfosterconstruction.com>
Sent: Wednesday, November 10, 2021 1:47 PM
To: Steven Shull; JC Kindel
Cc: Oscar Salazar-Bueno; Clayton Weber; 62811_1812-282_SewardJunction; Christen Eschberger; Cory Sharp; JC Kindel
Subject: RE: [EXTERNAL] 1812-282 Seward Junction Improvements (Project Overhead)

Steven,

Sorry this took so long. We accept and appreciate HNTB for working with us on this. Do you need anything from us to process this? Do you have a time frame on releasing remaining mob & retainage?

Thank you,

Matt Gold | Jordan Foster Construction | Operations Manager | mgold@jordanfosterconstruction.com
P: 512.990.8313 | F: 512.990.3785 | 15603 North IH-35 | Pflugerville, TX 78660

From: Steven Shull [mailto:sshull@HNTB.com]
Sent: Tuesday, October 26, 2021 9:03 AM
To: JC Kindel <JKindel@jordanfosterconstruction.com>
Cc: Matt Gold <MGold@jordanfosterconstruction.com>; Oscar Salazar-Bueno <osalazarbueno@HNTB.com>; Clayton Weber <cweber@HNTB.com>; 62811_1812-282_SewardJunction <62811_1812-282_SewardJunction@HNTB.com>; Christen Eschberger <ceschberger@HNTB.com>
Subject: [EXTERNAL] 1812-282 Seward Junction Improvements (Project Overhead)

Notice: This email originated outside of Jordan Foster Construction, exercise caution with links and attachments.

JC,

If you'll remember in the very beginning when overhead was brought up, I stated that the County doesn't typically pay overhead on their projects. With that being said and after further discussion, we can agree that there was an impact that caused delays with the relocation of the existing waterlines near SH 29 and we are willing to pay you your actual cost daily rate of \$2,872.22 for the 24 days related to the waterline relocation. The County is willing to pay \$68,933.28. If you agree, I will get the change order going. Please let me know.

Thanks,

Steven Shull
Construction Representative
Tel (512) 527-6716 Cell (512) 450-2729 Email sshull@hntb.com

HNTB CORPORATION
101 E. Old Settlers Blvd | Round Rock, Texas 78664 | hntb.com

 **100+ YEARS OF INFRASTRUCTURE SOLUTIONS**



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WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 10

1. CONTRACTOR: Jordan Foster
2. Change Order Work Limits: Sta. 12+99 to Sta. 381+00
3. Type of Change (on federal-aid non-exempt projects): Minor (Major/Minor)
4. Reasons: 2E, 2I (3 Max. - In order of importance - Primary first)

Project: 1812-282

Roadway: Seward Junction

CSJ
Number: _____

5. Describe the work being revised:

2E: Differing Site Conditions (unforeseeable). Miscellaneous difference in site conditions (unforeseeable). This Change Order provides the final balancing for the overrun/underrun of Contract quantities for the small signs on the project as a result of addressing field conditions not accounted for in the original plans. **2I. Additional safety needs (unforeseeable):** Small signs have been added to the project to provide additional safety measures.

6. Work to be performed in accordance with Items: See attached

SW-15,16,129-135.S-14,15,70,71.SE-21,24,25,222-234C, 247A-247C

7. New or revised plan sheet(s) are attached and numbered: _____
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).

<p><i>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</i></p> <p>THE CONTRACTOR Date <u>08/06/2021</u></p> <p>By <u>[Signature]</u></p> <p>Typed/Printed Name <u>John Goodrich, P.E.</u></p> <p>Typed/Printed Title <u>Executive Vice President</u></p>	<p>The following information must be provided</p> <p>Time Ext. #: <u>2</u> Days added on this CO: <u>24</u></p> <p>Amount added by this change order: <u>\$43,291.29</u></p>
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RECOMMENDED FOR EXECUTION:

[Signature] 8/10/21
Project Manager Date

N/A
Design Engineer Date

[Signature] 8/10/2021
Program Manager Date

Design Engineer's Seal:

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] Aug 18, 2021
Bill Gravell (Aug 18, 2021 08:14 CDT) Date
County Judge
☐ APPROVED

Project # 1812-282

[illegible]

ITEM		DESCRIPTION	UNIT	ORIGINAL + PREVIOUSLY REVISED		ADD or (DEDUCT)	NEW		OVERRUN/ UNDERRUN
				QUANTITY	ITEM COST		QUANTITY	ITEM COST	
SEWARD JUNCTION SOUTHWEST (P No. 274)									
502-6001	BARRICADES, SIGNS, & TRAFFIC HANDLING		MO	20.00	\$49,000.00	1.00	21.00	\$51,450.00	\$2,450.00
644-6001	IN SM RD SN SUP&AM TY10BWG (1)SA(P)		EA	4.00	\$2,000.00	3.00	7.00	\$3,500.00	\$1,500.00
644-6004	IN SM RD SN SUP&AM TY10BWG(1)SA(T)		EA	1.00	\$485.00	2.00	3.00	\$1,455.00	\$970.00
644-6028	IN SM RD SN SUP&AM TYS80(1)SA(P-BM) CM		EA	0.00	\$0.00	1.00	1.00	\$1,160.00	\$1,160.00
644-6033	IN SM RD SN SUP&AM TYS80(1)SA(U)-2EXT		EA	0.00	\$0.00	1.00	1.00	\$941.00	\$941.00
644-6060	IN SM RD SN SUP&AM TYTWTT(1)WS(P)		EA	7.00	\$2,555.00	10.00	17.00	\$6,205.00	\$3,650.00
644-6061	IN SM RD SN SUP&AM TYTWTT(1)WS(T)		EA	2.00	\$840.00	(2.00)	0.00	\$0.00	(\$840.00)
658-6059	INSTL OM ASSM (OM-4)(FLX)(GND)		EA	3.00	\$300.00	(3.00)	0.00	\$0.00	(\$300.00)
658-6078	INSTL OM ASSM (OM-4)(TWT)(WAS)		EA	0.00	\$0.00	6.00	6.00	\$2,460.00	\$2,460.00
999-014	SIGN ONLY. SIGN 1 AND 6		EA	0.00	\$248.06	2.00	2.00	\$496.12	\$496.12
999-015	ADDITIONAL SMALL SIGNS		EA	0.00	\$0.00	9.00	9.00	\$1,329.39	\$1,329.39
999-016	REMOVE AND REPLACE SIGN ONLY. 4,8,&10		EA	0.00	\$200.00	3.00	3.00	\$600.00	\$600.00
999-017	NEW SIGN AND POST ASSEMBLY		EA	0.00	\$506.76	3.00	3.00	\$1,520.28	\$1,520.28
SEWARD JUNCTION SOUTHEAST (P No. 271)									
644-6001	IN SM RD SN SUP&AM TY10BWG(1)SA(P)		EA	0.00	\$500.00	3.00	3.00	\$1,500.00	\$1,500.00
644-6004	IN SM RD SN SUP&AM TY10BWG(1)SA(T)		EA	0.00	\$485.00	6.00	6.00	\$2,910.00	\$2,910.00
644-6027	IN SM RD SN SUP&AM TYS80(1)SA(P)		EA	0.00	\$0.00	1.00	1.00	\$680.00	\$680.00
644-6030	IN SM RD SN SUP&AM TYS80(1)SA(T)		EA	0.00	\$700.00	2.00	2.00	\$1,400.00	\$1,400.00
644-6033	IN SM RD SN SUP&AM TYS80(1)SA(U)		EA	0.00	\$941.00	2.00	2.00	\$1,882.00	\$1,882.00
644-6060	IN SM RD SN SUP&AM TYTWTT(1)WS(P)		EA	9.00	\$365.00	1.00	10.00	\$3,650.00	\$365.00
TOTALS					\$58,465.00			\$83,138.79	\$24,673.79

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

Seward Junction Improvements Williamson County Project No. 1812-282

Change Order No. 10

Reason for Change

This Change Order provides the final balancing for the overrun/underrun of Contract quantities for bid items related to small signs on the project as a result of addressing field conditions not accounted for in the original plans. This Change Order also adds small signs to the project to provide additional safety measures that include route markers to match the surrounding intersections, added street name signs, and revises the size of signs to make them consistent throughout the project.

There are four (4) roadway sections in the project, Southwest, US 183 Crossover, Southeast and CR 260. Each roadway section includes a specific set of pay items. Pay items that were originally included in the Southwest portion of the project are being added to the Southeast and Crossover portions. The Contractor has agreed to extend the original bid items costs from one portion to the others.

The following is a list of the new items being added to the contract. The bid price for most of these items match the price within the contract, but from other sections of the project. There are also a few new items with new prices that were negotiated with the Contractor.

ITEM	DESCRIPTION	QTY	UNIT
SEWARD JUNCTION SOUTHWEST (P No. 274)			
644-6028	IN SM RD SN SUP&AM TYS80(1)SA(P-BM) CM	1	EA
644-6033	IN SM RD SN SUP&AM TYS80(1)SA(U)	1	EA
658-6078	INSTL OM ASSM (OM-4)(TWT)(WAS)	6	EA
999-014	SIGN ONLY. 1 AND 6.	2	EA
999-015	ADDITIONAL SMALL SIGNS	9	EA
999-016	REMOVE AND REPLACE SIGN ONLY. 4,8,10	3	EA
999-017	NEW SIGN AND POST ASSEMBLY	3	EA

ITEM	DESCRIPTION	QTY	UNIT
SEWARD JUNCTION SOUTHEAST (P No. 271)			
644-6001	IN SM RD SN SUP&AM TY10BWG(1)SA(P) **	3	EA
644-6004	IN SM RD SN SUP&AM TY10BWG(1)SA(T) **	6	EA
644-6027	IN SM RD SN SUP&AM TYS80(1)SA(P) **	1	EA

644-6030	IN SM RD SN SUP&AM TYS80(1)SA(T) **	2	EA
644-6033	IN SM RD SN SUP&AM TYS80(1)SA(U)	2	EA
658-6078	INSTL OM ASSM (OM-4)(TWT)(WAS)	12	EA
999-015	ADDITIONAL SMALL SIGNS	20	EA

SEWARD JUNCTION CROSSOVER (P No. 274)			
644-6004	IN SM RD SN SUP&AM TY10BWG (1)SA(T) **	2	EA
644-6027	IN SM RD SN SUP&AM TYS80(1)SA(P) **	2	EA
999-015	ADDITIONAL SMALL SIGNS	6	EA
999-017	NEW SIGN AND POST ASSEMBLY	4	EA
999-020	ADDITIONAL MOBILIZATION	1	LS

** Designates items that were originally included in the Southwest portion of the project and are being added to the Southeast and Crossover portions.

This Change Order results in a net increase of \$43,291.29 to the Contract amount, for an adjusted Contract total of \$14,004,626.93. The original Contract amount was \$13,270,258.10. As a result of this and all Change Orders to-date, \$734,368.83 has been added to the Contract, resulting in an 5.5% net increase in the Contract cost.

HNTB Corporation

Lowell D. Choate, P.E.

Small Sign Break-down:

SJSW:

1. 644-6028-IN SM RD SN SUP&AM TYS80(1)SA(P-BM) CM: \$1,160.00. Labor: \$250.00+Material \$910.00=\$1,160.00Ea.
2. 644-6033-IN SM RD SN SUP&AM TYS80(1)SA(U) 2EXT: \$941.00.Labor: \$227.75+Mat. \$1,869.75/3=\$623.25=\$941.00Ea.
SJSW HAS 1 (\$941) AND SJSE HAS 2 (\$1882).
3. 658-6078-INSTL OM ASSM (OM-4)(TWT)(WAS): \$2,460.00: Labor:\$259.75+Mat. \$150.25=\$410.00Ea. (18 Total)
SJSW HAS 6 (\$2460) OF THESE AND SJSE HAS 12 (\$4920).
4. 999-014-SIGN ONLY. 1 AND 6: \$496.12. \$248.06 Ea. (2 Total) Invoice price for signs. Post paid under existing bid item.
5. 999-015-ADDITIONAL SMALL SIGNS. New signs at \$147.71 ea. Invoice total divid by total signs. 35)
SJSW HAS 9, SJSE HAS 20, SJ SOUTH HAS 6. \$147.71x9=\$1,329.39.
6. 999-016-REMOVE AND REPLACE SIGN ONLY. 4, 8, & 10. \$600.00. Labor: \$110.61+Mat. \$89.39=\$200.00Ea. (3 Total)
7. 999-017-NEW SIGN AND POST ASSEM: \$1,520.25. Labor and Materials: \$3547.30/7 signs=\$506.75 Ea.
SJSW HAS 3 AND SJ SOUTH HAS 4.

SJSE:

- 1st 4 new items are existing bid prices from other section of the project.
2. 644-6033-IN SM RD SN SUP&AM TYS80(1)SA(U) 2EXT: \$1,882.00.Labor: \$227.75+Mat. \$1,869.75/3=\$623.25=\$941.00Ea.
SJSE has 2 of these. See above #2.
 3. 658-6078-INSTL OM ASSM (OM-4)(TWT)(WAS): \$4,920.00 at \$410.00 ea. See above #3.
SJSE has 12 of these. See above #3.
 5. 999-015-ADDITIONAL SMALL SIGNS. New signs at \$147.71ea. Invoice total divided by total new signs.
SJSE has 20 at \$147.71ea. 147.71x20=\$2,954.20. See above #5.

SJ SOUTH

- 1st 4 new items are existing bid prices from other section of the project.
5. 999-015-ADDITIONAL SMALL SIGNS. New signs at \$147.71ea. Invoice total divided by total new signs.
SJ South has 6 at \$147.71ea. 147.71x6=\$886.26. See above #5.
 7. 999-017-NEW SIGN AND POST ASSEM: \$2,027.00. Labor and Materials: \$3547.30/7 signs=\$506.75 Ea.
SJ South has 4. See above #7.

 ESSI ENVIRONMENTAL SAFETY SERVICES INC.	Environmental Safety Services, Inc. 14101 US 290 W #2000-B Austin, TX 78737 Phone: 512-989-2259 Fax: 512-372-9375
	** CERTIFIED DBE / MBE / HUB / HABE / SBE CONTRACTOR ** COA/TXDOT MBE/DBE #: VS0000012711, SCTRCA SBE/MBE/HABE #: 215049005, Texas HUB #: 1260203041800

Bid Date: March 3, 2021
Project: Seward Junction Improvements - Change Order Work ADD Signs
Owner: Williamson County

Proposal #: 0421-1588
2nd CO

Environmental Safety Services proposes to provide all the materials, labor, equipment and supervision necessary to perform the following work at the above referenced project per plans and specifications.

ITEM #	DESCRIPTION	UNIT	QUANTITIES	BID PRICE	EXT. PRICE
	SEWARD JUNCTION SOUTHWEST SM SIGNS			\$365.00	\$2,920.00
1	Install Sm Rd Sgn TWT (1) WS P	EA	8.00	\$365.00	\$2,920.00
	Center Turn Lane Signs. 6, "S" Curve Sign. 1			Labor \$359.49	
	Right Lane Must Turn Right Sign. 1			Material \$189.51	
				Concrete \$30.00	
1.	2	Install Sm Rd Sgn S80 (1)SA(P) (BM) CM	EA	1.00	\$1,160.00
	Stop Sign Assembly at US 183 SB on EB			Labor \$250.00	
	SJSW. Concrete Mount			Material \$880.00	
				Concrete \$30.00	
6.	3	Replacement Sign #2, #4, #8, #10	EA 3	1.00	\$200.00
				Labor \$110.61	\$600.00
				Material \$89.39	
7.	4	New Sign and Post	EA	2.00	\$592.65
	Sign 16 and 23			Labor \$200.00	
				Material \$392.65	
7.		Install New Post for added existing sign	EA	1.00	\$450.00
	Sign 12 on CR 263			Labor \$197.55	
				Material \$252.45	
	SEWARD JUNCTION SOUTHEAST SM SIGNS			\$500.00	\$500.00
1	1	Install SM RD SGN 10BWG (1) SA P	EA	1.00	\$500.00
	Stop Sign at Church Driveway			Labor \$359.55	
				Material \$344.99	
				Concrete \$30.00	
7.	1	SEWARD JUNCTION SOUTH SM SIGNS			
	1	New Sign and Post Assembly For	EA	4.00	\$478.00
	Signs 20, 24, 33, & 39			Labor \$200.99	
				Material \$277.05	
	TOTAL				\$8,244.75

Notes:

All permits, lane closures and traffic control are excluded.

All layout is excluded.

General Contractor to provide access and staging area for ESSI materials & equipment.

All maintenance is excluded.

All clearing, topsoil, soil preparation (including disking!), herbicide, mowing, weeding and watering are excluded.

Sign & object marker pricing reflects new signs and posts and installing a minimum of 10 per move-in.

No temporary signs/mounts, covering or turning of signs, solar or electrical is included.

All shoring and mass excavation are excluded.

All dewatering is excluded.

No sales tax is included in above pricing. If exempt, please send an exemption certificate.

If bond is required, add 2.5% of contract amount and place in mobilization.

Pricing is good for thirty (30) days.

*****All bid prices are negotiable.*****

1185.30

450.00

+1912.00

3547.30

~~2547.30/7 = 506.76~~

3547.30/7 = 506.76

Highlighted areas are the same work, pos assembly switch and new signs. To create 1 line item, the total was tallied and divide by the 7 signs to generate a single amount for each. (\$506.76)

Respectfully submitted by Nic Zdansky, Project Manager/Estimator

Accepted by: _____

Date: _____

	<h1 style="margin: 0;">ESSI</h1> <p style="margin: 0; font-size: small;">ENVIRONMENTAL SAFETY SERVICES INC.</p>	<p>Environmental Safety Services, Inc. 14101 US 290 W #2000-B Austin, TX 78737</p> <p>Phone: 512-989-2259 Fax: 512-372-9375</p>
<p>** CERTIFIED DBE / MBE / HUB / HABE / SBE CONTRACTOR **</p>		
<p>COA/TXDOT MBE/DBE #: VS0000012711, SCTRCA SBE/MBE/HABE #: 215049005, Texas HUB #: 1260203041800</p>		

Bid Date: March 3, 2021
Project: Seward Junction Improvements - Change Order Work ADD Signs
Owner: Williamson County

Proposal #: 0221-1588 C.O.REV
Final #2

Environmental Safety Services proposes to provide all the materials, labor, equipment and supervision necessary to perform the following work at the above referenced project per plans and specifications.

ITEM #	DESCRIPTION	UNIT	QUANTITIES	BID PRICE	EXT. PRICE
SEWARD JUNCTION SOUTHWEST SM SIGNS					
1	Signs for 10BWG(1)SA(T) Sign # 105	EA	2.00	\$750.00	\$1,500.00
2	Signs for 10BWG(1)SA(P) Sign # 5 Extra	EA	1.00	\$500.00	\$500.00
3	Signs for 600(1)SA(P) Stop Ahead Sign	EA	1.00	\$600.00	\$600.00
4	Signs for Existing Mounts 3 EA Seward Junction, 2EA SH29, CR 213. Cross Traffic Does Not Stop, Stop 48x48	EA	11.00	\$160.00	\$1,760.00
5	Sign Exchange # 4 to smaller size 36X36	EA	1.00	\$150.00	\$150.00
6	Signs for 300(1)SA(P-BM) #23	EA	1.00	\$960.00	\$960.00
			Labor \$300.62		
			Material \$697.90		
			Concrete \$30.00		\$2,823.00
7	Signs for S80(1)SA(U) 2 EXT#24 2.	EA	3.0	\$941.00	\$941.00
			Labor	\$320.78	
			Material	\$590.22	
			Concrete	\$30.00	
8	Signs for TWT(1)WG(T) #10 Replacement	EA	1.00	\$200.00	\$200.00
9	Signs for TWT(1)WG(P) #218-22	EA	3.00	\$265.00	\$795.00
10	658-6078 Inst OM Assm OM-4(TWT) WAS 3.	EA	6.00	\$410.00	\$2,460.00
			Labor	\$259.75	
			Material	\$120.25	
			Concrete	\$30.00	
SEWARD JUNCTION SOUTHEAST SM SIGNS					
1	Signs for 10BWG(1)SA(T)	EA	6.00	\$405.00	\$2,430.00
2	Signs for 10BWG(1)SA(P)	EA	3.00	\$500.00	\$1,500.00
3	Signs for 300(1)SA(P)	EA	1.00	\$600.00	\$600.00
4	Signs for 600(1)SA(U) one is 2EXT Post	EA	2.00	\$962.50	\$1,925.00
			Labor \$292.74		
			Material \$699.70		
			Concrete \$30.00		
5	Signs for TWT(1)WG(P)	EA	3.00	\$365.00	\$1,095.00
6	Signs For Existing Mounts #4 & #5 Sheet 10 of 10 Used @ 2EXT Mounts	EA	3.00	\$1,075.00	\$2,026.00
7	Signs for TWT(1)WG(T) 2 Extra One Way Signs	EA	2.00	\$420.00	\$840.00
8	658-6078 Inst OM Assm OM-4(TWT) WAS 3.	EA	12.00	\$410.00	\$4,920.00
			Labor	\$259.75	
			Material	\$120.25	
			Concrete	\$30.00	



6721A FM 535
CEDAR CREEK, TEXAS 78612
WWW.CAMPBELLSSOT.COM

(512) 674-3541 FAX (512) 674-3526

Invoice

Date	Invoice #
3/9/2021	18879

Bill To
Environmental Safety Services, Inc. 14101 US Hwy 290 W BLDG 2000, STE B Austin, TX 78737

Ship To

P.O. Number	Terms	S.O No	Rep.
0221-1588	Net 30 Days		

Qty	Item Code	Description	Price Each	Amount
		SEWARD JUNCTION SOUTHWEST SM SIGNS		
4. 2	M SGN 10BW...	Signs for 10BWG(1)SA(T)	248.06	496.12
	Municipal Signs	Signs for Existing Mounts	82.43	577.04
	M SGN 680(1)...	Signs for 680(1)SA(P) D10	303.64	303.64
	M SGN 680(1)...	Signs for 680(1)SA(T)	336.82	336.82
5. 2	M SGN TWT...	Signs for TWT(1)WS(P) 2 Signs.	55.87	111.74
		SEWARD JUNCTION SOUTHEAST SM SIGNS		
	M SGN 10BW...	Signs for 10BWG(1)SA(T)	205.327	1,437.29
	Municipal Signs	Signs for Existing Mounts	82.83	336.30
	M SGN S80(1)...	Signs for S80(1)SA(T)	420.98	1,262.94
	M SGN 680(1)...	Signs for 680(1)SA(P)	306.26	812.32
	M SGN TWT...	Signs for TWT(1)WS(P)	36.80	280.40
	M SGN TWT...	Signs for TWT(1)WS(T)	110.34	110.34
		SEWARD JUNCTION SOUTH SM SIGNS		
	M SGN 10BW...	Signs for 10BWG(1)SA(P)	119.32	477.28
	Municipal Signs	Signs for Existing Mounts	106.16	336.48
	M SGN S80(1)...	Signs for S80(1)SA(P)	320.88	641.76
		SEWARD JUNCTION CHANGE ORDER		
		Total Signs. 22.		\$4,301.75

<p>A late fee of 1.5% per month (18% per annum) will be charged on all overdue invoices and added to the invoice.</p> <p>PLEASE REMIT PAYMENT TO: CAMPBELL'S SIGNS OF TEXAS, LLC 6721A FM 535 CEDAR CREEK, TX 78612</p>	Total	\$4,301.75
	Payments/Credits	\$0.00
	Balance Due	\$4,301.75



6721A FM 535
CEDAR CREEK, TEXAS 78612
WWW.CAMPBELLSSOT.COM

(512) 674-3541 FAX (512) 674-3526

Invoice

Date	Invoice #
3/29/2021	18902

Bill To
Environmental Safety Services, Inc. 14101 US Hwy 290 W BLDG 2000, STE B Austin, TX 78737

Ship To

P.O. Number	Terms	S.O No	Rep.
	Net 30 Days		

Qty	Item Code	Description	Price Each	Amount
5.	1	Municipal-Signs R1-1 48" Stop SW	171.00	171.00
	3	Municipal-Signs W4-4P 36" x 18" Cross Traffic Does Not Stop SE	50.68	152.04
	1	TxDot Small Sl. W4-4P 24" x 12" Cross Traffic Does Not Stop SW	24.79	24.79
	2	Municipal-Signs R6-1R 34" X 18" One way Right SW	65.81	131.62
	1	Municipal-Signs M3-1 24" x 12" North SW	19.50	19.50
	1	Municipal-Signs D3-1 36" X 12" SH 29 Double Sided Street Blade SE	85.00	85.00
	2	Municipal-Signs Replace Numbers on Street Blades SE	45.00	90.00
	1	Municipal-Signs W3-1 36" x 36" Stop Ahead Symbol SW	112.79	112.79
	1	Municipal-Signs R3-1 LMK 36" X 30" Lt Only Straight Right SW	81.38	81.38
Seward Junction Additional Signage				
SW=7 Signs.				
SE=6 Signs.				
13 signs this sheet.				
Total new signs is 35.				
4301.75				
<u>+868.12</u>				
\$5169.35/35=\$147.71 ea.				

<p>A late fee of 1.5% per month (18% per annum) will be charged on all overdue invoices and added to the invoice.</p> <p>PLEASE REMIT PAYMENT TO: CAMPBELL'S SIGNS OF TEXAS, LLC 6721A FM 535 CEDAR CREEK, TX 78612</p>	Total	\$868.12
	Payments/Credits	\$0.00
	Balance Due	\$868.12

Red number references the break-down sheet.

3.



Buda, TX 78610

5124376499

Thank you for your business
 Customer Signature: *[Signature]*
 Dobie Supply Signature: *[Signature]*
 Date: 03-04-21

Invoice

Date 2/9/2021
 Invoice # 32301

Bill To
Environmental Safety Services, Inc. 14101 Hwy 290 W. #2000-B Austin, TX 78737

Ship To
Environmental Safety Services, Inc. 14101 Hwy 290 W. #2000-B Austin, TX 78737

P.O. No.	Terms	Rep	Ship Date	Via	FOB
#0221-1588	Net 30	VB	2/9/2021	CPU	

Qty	Item	Description	Rate	U/M	Amount
		Seward Junction Object Markers			
18.00	81302	658-6078 INSTL OM ASSM (OM-4) (TWT) (WAS) 18"X18" Diamond .080 HIP RED with 9 reflectors (End Road Marker) Object Marker (OM-4)	35.00	ea	630.00
18.00	30291 ...	2 3/8"x13' Round 13 Ga. Galv Post TWT	57.75	ea	1,039.50
18.00	30294	2 7/8"x27" Round Galv /Tapered Anchor TWT (Socket)	16.00	ea	288.00
18.00	30295	Wedge TWT	5.00	ea	90.00
36.00	30333 ...	TXDOT 2 3/8" Small Sign Clamp Assembly (Per Each)	3.25	ea	117.00
#0221-1588 order placed by Stacey 8:41 AM-VB Nick added (2) OM-4 assbly 12:30 PM 3/3/21-TW					

We really appreciate your business.
 If we can help with anything else, please call us at 512-437-6499.

Val Byrd 512-632-9322 val@dobiesupply.com Sales Manager
 Alex Carrisalez 512-939-4969 alex@dobiesupply.com Municipal Sales
 Doug Phillips 512-709-1453 doug@dobiesupply.com General Manager

Remit payments to Dobie Supply, 3809 S. Second St., #D200, Austin, TX 78704

Subtotal	\$2,164.50
Sales Tax (8.25.	\$0.00
Total	\$2,164.50
Pymnts/Credits	\$0.00
Balance Due	\$2,164.50

Fax #	E-mail	Web Site
512-444-0796	accounting@dobiesupply.com	www.dobiesupply.com



Estimate

Date	Estimate #
5/3/2021	32638

Name / Address
Environmental Safety Services, Inc. 14101 Hwy 290 W. #2000-B Austin, TX 78737

Ship To
Environmental Safety Services, Inc. 14101 Hwy 290 W. #2000-B Austin, TX 78737

P.O. No.	Terms	Rep
	Net 30	VB

Qty	Item	Description	U/M	Rate	Total
8.00	00270-GR...	SOUTHWEST IN SM RD SN SUP&AM TYTWT(1)WS(P)		183.8125	1,470.50
✓1.00	00105	IN SM RD SN SUP&AM TYS80(1)SA(P-BM)-CM	ea	880.00	880.00
2.00	00115-GR...	IN SM RD SN SUP&AM TYS80(1)SA(P)		392.65	785.30
1.00	81063-GR...	30"x36" HIM printed sign with UV overlay on .080 aluminum R3-5R		89.93	89.93
1.00	30307	SCH 80 14' POST only	ea	252.45	252.45
		SOUTH			
2.00	00005-GR...	IN SM RD SN SUP&AM TY10BWG(1)SA(P)		161.445	322.89
2.00	00115-GR...	0644 6030 IN SM RD SN SUP&AM TYS80(1)SA(P)		392.65	785.30
		SOUTH EAST			
1.00	00020-GR...	IN SM RD SN SUP&AM TY10BWG(1)SA		344.90	344.90
		PLEASE ALLOW 5-10 BUSINESS DAYS FOR SIGN FABRICATION			

ESTIMATES VALID FOR 7 DAYS- CONFIRM STOCK WHEN PLACING ORDER Signature _____	Total \$4,931.27
---	-------------------------

Phone #	Fax #	E-mail	Web Site
5124376499	512-444-0796	accounting@dobiesupply.com	www.dobiesupply.com



P.O. Box 938
Round Rock, TX 78680
EIN# 74-2516771
(512) 388-0588 ph
(512) 388-0417 fax

INVOICE

Invoice #
152857
Invoice/Ship Date
3/12/2021

1588

Sold to:

ENVIRONMENTAL SAFETY SERVICES
14101 US 290 W. BLDG. 2000 STE B
AUSTIN, TX 78737

Deliver to:

CUSTOMER PICK UP

Customer PO	Ship Via	Telephone	Ref No	Order Date	SLS #	Terms
VERB NICK	CPU	512-989-2259	R-3129	3/12/2021	RJC	Net 30
Units	Description	Qty	U/M	Unit Price	Amount	
4	2-1/2" x 16' BWG 10 SIGN POST	4.0	EA	88.00	352.00	
2	TRIANGLE SLIP BASE CASTINGS W/3 SET BOLTS (UAS1)	2.0	EA	37.00	74.00	
2	2-1/2" X 16' SCH 80 SIGN POST	2.0	EA	196.00	392.00	
2	BOLTDOWN TRIANGULAR SLIPBASES	2.0	EA	67.00	134.00	
2	TRIANGLE BOLT KEEPER PLATE	2.0	EA			
6	5/8" X 2 1/2" BOLT, NUT & 3 WASHERS	6.0	EA			
6	2-1/2" FRICTION CAP	6.0	EA			
4	UNIVERSAL SIGN MOUNTING BRACKET	4.0	EA			
4	2-1/2" U-BOLTS WITH 2 NUTS & 2 LOCK WASHERS	4.0	EA	2.12	8.48	
4	5/16" X 1 1/4" BOLT, NUT, LOCK WASHER , NYLON WASHER & FLAT WASHER	4.0	EA			
16	5/8" X 6" W.A. NUT & WASHER	16.0	EA			
Please send current Tax Exempt Cert For 2021				Amount	\$960.48	
				Tax (0.0%)	\$0.00	
				Total	\$960.48	

Job Name: SEWARD JUNCTION
Job #: IMPROV
General: JORDAN FOSTER



Invoice

Buda, TX 78610

5124376499

Date 3/11/2021
Invoice # 32623

Bill To	Ship To
Environmental Safety Services, Inc. 14101 Hwy 290 W. #2000-B Austin, TX 78737	Environmental Safety Services, Inc. 14101 Hwy 290 W. #2000-B Austin, TX 78737

P.O. No.	Terms	Rep	Ship Date	Via	FOB
Seward Junction...	Net 30	VB	3/4/2021	CPU	

Qty	Item	Description	Rate	U/M	Amount
1.25	LSL-TX...	TXDOT Aluminum Windbeam - windbeam support for guide signs 2.5"x3" 1.175 lbs/ft 20ft (\$3.26/lb)	65.20	ea	81.50
		(6) 32"			
		(4) 20"			
9.00	32015	Cross Piece, 12" 90 degree flat (25 per box)	13.00	ea	117.00
10.00	32014	Post cap for 2 7/8" post with 12" FLAT Blade	17.50	ea	175.00
40.00	LSL-3/...	3/8"x4 1/2" SQ Head bolt	2.00	ea	80.00
40.00	LSL-3/...	3/8" Galv flat washer	0.06	ea	2.40
40.00	LSL-3/...	3/8"x16 Galv nut	0.08	ea	3.20
40.00	LSL-3/...	3/8" Galv lock washer	0.08	ea	3.20
40.00	30338 ...	Universal Casting (Sign mount bracket)	2.16	ea	86.40
40.00	LSL-#...	#8x3/4" Tek screw	0.02		0.80
Williamson County Seward Junction Stacey Rinehart					

We really appreciate your business.
If we can help with anything else, please call us at 512-437-6499.

Val Byrd 512-632-9322 val@dobiesupply.com Sales Manager
Alex Carrisalez 512-939-4969 alex@dobiesupply.com Municipal Sales
Doug Phillips 512-709-1453 doug@dobiesupply.com General Manager

Remit payments to Dobie Supply, 3809 S. Second St., #D200, Austin, TX 78704

Subtotal	\$549.50
Sales Tax (8.25)	\$0.00
Total	\$549.50
Pymnts/Credits	\$0.00
Balance Due	\$549.50

Fax #	E-mail	Web Site
512-444-0796	accounting@dobiesupply.com	www.dobiesupply.com



P.O. Box 938
Round Rock, TX 78680
EIN# 74-2516771
(512) 388-0588 ph
(512) 388-0417 fax

INVOICE

Invoice #
152632
Invoice/Ship Date
3/2/2021

Sold to:

ENVIRONMENTAL SAFETY SERVICES
14101 US 290 W. BLDG. 2000 STE B
AUSTIN, TX 78737

Deliver to:

*** REVISED ***
CUSTOMER PICK UP

Customer PO	Ship Via	Telephone	Ref. No.	Order Date	SLS #	Terms
VERB	CPU	512-989-2259	Y-5004	3/2/2021	CRY	Net 30

Units	Description	Qty	U/M	Unit Price	Amount
	INCLUDES				
200	2" U-BOLTS WITH 2 NUTS & 2 LOCK WASHERS	200.0	EA		
100	2-1/2" U-BOLTS WITH 2 NUTS & 2 LOCK WASHERS	100.0	EA		
300	UNIVERSAL SIGN MOUNTING BRACKET	300.0	EA		
300	5/16" X 1 1/4" BOLT, NUT, LOCK WASHER, NYLON WASHER & FLAT WASHER	300.0	EA		
4	10BWG(1)SA(P) - CHANGE ORDER	4.0	EA	151.00	604.00
11	10BWG(1)SA(T)- CHANGE ORDER	11.0	EA	201.00	2,211.00
1	S80(1)SA(P)(BM)- CHANGE ORDER	1.0	EA	228.00	228.00
3	S80(1)SA(T)-CHANGE ORDER	3.0	EA	292.00	876.00
1	S80(1)SA(U) - CHANGE ORDER	1.0	EA	312.00	312.00
5	TWT(1)WS(P) - CHANGE ORDER	5.0	EA	54.00	270.00
1	TWT(1)WS(T)- CHANGE ORDER	1.0	EA	95.00	95.00
2	S80(1)SA(U-2EXT)	2.0	EA	355.00	710.00
2	S80(1)SA(T-2EXT)	2.0	EA	335.00	670.00
	* BASES PICK UP ON #152611				
		Amount		\$13,550.00	
		Tax (0.0%)		\$0.00	
		Total		\$13,550.00	

Job Name: SEWARD JUNCTION
Job #:
General:



P.O. Box 938
Round Rock, TX 78680
EIN# 74-2516771
(512) 388-0588 ph
(512) 388-0417 fax

INVOICE

Invoice #
152632
Invoice/Ship Date
3/2/2021

Sold to:

ENVIRONMENTAL SAFETY SERVICES
14101 US 290 W. BLDG. 2000 STE B
AUSTIN, TX 78737

Deliver to:

*** REVISED ***
CUSTOMER PICK UP

Customer PO	Ship Via	Telephone	Ref. No.	Order Date	SLS #	Terms
VERB	CPU	512-989-2259	Y-5004	3/2/2021	CRY	Net 30

Units	Description	Qty	U/M	Unit Price	Amount
10	10BWG(1)SA(P)	10.0	EA	140.00	1,400.00
1	10BWG(1)SA(T)	1.0	EA	181.00	181.00
4	10BWG(2)SA(P)	4.0	EA	280.00	1,120.00
4	S80(1)SA(P)(BM)	4.0	EA	228.00	912.00
2	S80(1)SA(T)	2.0	EA	259.00	518.00
1	S80(2)SA(P)	1.0	EA	456.00	456.00
18	TWT(1)WS(P)	18.0	EA	53.00	954.00
16	TWT(1)WS(T)	16.0	EA	85.00	1,360.00
1	TWT(1)WS(P)-RELOCATE	1.0	EA	53.00	53.00
	INCLUDES				
2	2 1/2" X 10' BWG 10 SIGN POST	2.0	EA		
8	2-1/2" x 12' BWG 10 SIGN POST	8.0	EA		
24	2-1/2" x 14' BWG 10 SIGN POST	24.0	EA		
4	2-1/2" x 16' BWG 10 SIGN POST	4.0	EA		
16	2-3/8" X .095 X 13' SIGN POST	16.0	EA		
25	2 3/8" X .095 X 15' SIGN POST	25.0	EA		
3	2-1/2" X 10' SCH 80 SIGN POST	3.0	EA		
2	2-1/2" X 12' SCH 80 SIGN POST	2.0	EA		
9	2-1/2" X 14' SCH 80 SIGN POST	9.0	EA		
3	2-1/2" X 16' SCH 80 SIGN POST	3.0	EA		
1	SOCKET	1.0	EA		
1	SIGN POST WEDGE	1.0	EA		
39	1/2" X 4" A325 BOLT, NUT, 2 FLAT WASHERS, LOCK WASHERS	39.0	EA		
102	2" FRICTION CAPS	102.0	EA		
29	2-1/2" FRICTION CAP	29.0	EA		
200	2" U-BOLT SIGN CLAMP ASSEMBLY	200.0	EA	2.04	408.00
100	2 1/2" U-BOLT SIGN CLAMP ASSEMBLY	100.0	EA	2.12	212.00

Amount	
Tax (0.0%)	
Total	

Job Name: SEWARD JUNCTION
Job #:
General:



CONSTRUCTION SUPPLY CO.
4500 5th Avenue South, Building A
Birmingham, AL 35222

Bill To: 124399

ENVIRONMENTAL SAFETY SERVICES INC.
14101 HWY 290 WEST BLDG 400 C
AUSTIN, TX 78737

Invoice

DOCUMENT #	DOCUMENT DATE
9502256848	03/01/2021
ACCOUNT #	DUE DATE
124399	03/31/2021
PAYMENT TERMS	
Net due in 30 days	
PURCHASE ORDER #	
1588-0321001	
TOTAL AMOUNT IN USD	
768.36	

To view and pay your bills online go to:
<https://ramtool.billtrust.com>

Enrollment Token: KVT XRM SLG

PLEASE REMIT PAYMENT ONLY TO:

Ram Tool Construction Supply Co
P O Box 743487
Atlanta, GA 30374-3487

BRANCH LOCATION		SHIP TO: 5337610		PLEASE REMIT PAYMENT ONLY TO:		
TX04 - AUSTIN 8013 EXCHANGE DRIVE AUSTIN, TX 78754		YARD/CSJ#0535-02-0486/1471 6204 OLD LOCKHART RD AUSTIN, TX 78747		DELIVERY METHOD		
				Truck Delivery		
Ram Tool Construction Supply Co P O Box 743487 Atlanta, GA 30374-3487						
ITEM	MATERIAL/DESCRIPTION	SALES ORDER/ LINE	QTY	UNIT PRICE	EXTENDED PRICE	TAX AMT
10	TXI-MAXIMIZER 80LB BAG CONCRETE MAXIMIZER	6832084 / 10	78 EA	9.10000	709.80	58.56

For general inquiries:
arcustomerrequest@ramtool.com
(205) 599-7061/(800) 890-1988

For lien waivers:
lienwaiver@ramtool.com

Your AR account rep:
Cherish Reed
cherish.reed@ramtool.com
(205) 776-3208

Subtotal	709.80
Subtotal Before Tax	709.80
Tax (8.25%)	58.56
Total Amount in \$	768.36

SAVE TIME AND MONEY WITH OUR NEW PORTAL!



Choose from two easy ways to receive your invoices: email, or our secure online site, eInvoice Connect. With email delivery, your invoices are sent once per day, and you will receive a copy of your paper bill. With eInvoice Connect, you can be notified by email when new invoices are posted and search, download, print, and pay your bills online!
Visit <http://ramtool.billtrust.com> to enroll.

JORDAN FOSTER CONSTRUCTION COST BREAKDOWN SUMMARY

Project: 1812-282 Seward Junction Improvements
JFC Job #: 20103

[illegible]

X:\Projects\0589-Seward Junction SW Construction Phase\DWG\Sheets\US 183 at Seward Junction S0380 QUAN PM TCP.dgn modified by: RBall on 1/12/2021 - 10:15:09 AM

SIGNING & MARKING PLAN SHEET NO.		SUMMARY OF SIGNING AND MARKING ITEMS													
		644	644	644	644	644	658	666	666	666	666	666	666	666	666
		6001	6017	6027	6050	6060	6046	6003	6303	6036	6042	6048	6054	6078	6315
		IN SM RD SN SUP&AM TY10BWG(1)SA(P)	IN SM RD SN SUP&AM TY10BWG(2)SA(P)	IN SM RD SN SUP&AM TYS80(1)SA(P)	IN SM RD SN SUP&AM TYS80(2)SA(P)	IN SM RD SN SUP&AM TYTWT(1)WS(P)	IN STL OM ASSM (OM-2X)(WC)GND	REFL PAV MRK TY I (W)4"(BRK) (100MIL)	RE PM W/RET REQ TY I (W)4"(SLD) (100MIL)	REFL PAV MRK TY I (W)8"(SLD) (100MIL)	REFL PAV MRK TY I (W)12"(SLD) (100MIL)	REFL PAV MRK TY I (W)24"(SLD) (100MIL)	REFL PAV MRK TY I (W)(ARROW)(100MIL)	REFL PAV MRK TY I (W)(WORD)(100MIL)	RE PM W/RET REQ TY I (W)4"(SLD) (100MIL)
		EA	EA	EA	EA	EA	EA	LF	LF	LF	LF	LF	EA	EA	LF
1 OF 2	SIGNING AND MARKING PLAN	2	1	2		1	1	108	430	430	340	106	4	4	
2 OF 2	SIGNING AND MARKING PLAN	8	3		1	5	3	228	2,480				7	7	2,983
PROJECT TOTALS		10	4	2	1	6	4	336	2,910	430	340	106	11	11	2,983

SUMMARY OF TRAFFIC CONTROL ITEMS			
TRAFFIC CONTROL PLAN & PROFILE SHEET NO.	LOCATION	502	662
		6001	6060
		BARRICADES, SIGNS AND TRAFFIC HANDLING	WK ZN PAV MRK REMOV (W)4"(BRK)
		MO	LF
SHEET 1 OF 1	TRAFFIC CONTROL PLAN	3	117
PROJECT TOTALS:		3	117

REV. NO. 1

BY BRE

DATE 1/12/21

REVISION DESCRIPTION PM REVISIONS

K FRIESE & ASSOCIATES, INC.

1120 S. CAPITAL OF TEXAS HWY, IL-100, AUSTIN, TX 78746

WILLIAMSON COUNTY

US 183 AT SEWARD JUNCTION SOUTH

STRIPING AND TRAFFIC CONTROL QUANTITIES

K FRIESE + ASSOCIATES

PUBLIC PROJECT ENGINEERING

(FIRM # 6535)

W

WILLIAMSON COUNTY

1848

WILLIAMSON COUNTY

SCALE AS NOTED

DATE 1/12/2021

SHEET NUMBER 14 OF 92

X:\Projects\0589-Seward Junction SW Construction Phase\Drawings\Sheet\US 183 at Seward Junction S0390 SMALL SIGN SUMMARY 01.dgn modified by: RBell on 1/12/2021 - 10:15:15 AM

SUMMARY OF SMALL SIGNS						Clear Sheet		Copy Sheet		SMARD SGN ASSM TY XXXXX (X) XX (X-XXXX)					
PLAN SHEET NO.	SIGN NO.	SIGN NOMENCLATURE	SIGN TEXT	DIMENSIONS	ALUMINUM TYPE A	ALUMINUM TYPE G	FRP = FIBERGLASS TWT = THIN-WALL 10BWG = 10 BWG S80 = Sch 80	Posts (1 or 2)	Anchor Type		Mounting Designation				
									UA = Univer-Conc UB = Univer-Bolt WA = Wedge-Conc SA = Slip-Conc SB = Slip-Bolt WS=Wedge Steel WP=Wedge Plastic	P = Prefab. "Plain" T = Prefab. "T" U = Prefab. "U"	1EXT or 2EXT = # of Ext. BM = Extruded Wind Beam WC = 1.12 #/ft Wing Chan. EXAL = Extruded Alum. Signs				
70	20	R1-1	STOP	48" x 48"	x		10BWG	2	SA	P					
		D3-1G	US 183	42" x 12"	x										
		M3-3	SOUTH	VAR x 12"	x										
		R6-1L	ONE WAY ARROW	36" x 12"	x										
	21	W4-4P	CROSS TRAFFIC DOES NOT STOP	24" x 12"	x		10BWG	1	SA	P					
		R3-5VAR	ONLY	48" x 20"	x										
		M3-3	SOUTH	24" x 12"	x										
		M4-1	183	30" x 24"	x										
	23	M6-1	←	30" x 24"	x		10BWG	1	SA	P					
		R1-1	STOP	48" x 48"	x										
		D3-1G	US 183	42" x 12"	x										
		M3-3	SOUTH	VAR x 12"	x										
	24	R6-1L	ONE WAY ARROW	36" x 12"	x		S80	1	SA	P					
		W4-4P	CROSS TRAFFIC DOES NOT STOP	24" x 12"	x										
		R6-1L	ONE WAY ARROW	36" x 12"	x										
		D3-1G	US 183	42" x 12"	x										
	39	M3-1	NORTH	VAR x 12"	x		S80	1	SA	P					
		R1-1	STOP	48" x 48"	x										
		W4-4P	CROSS TRAFFIC DOES NOT STOP	24" x 12"	x										
		R6-1R	ONE WAY ARROW	36" x 12"	x										
71	18	R6-1R	ONE WAY ARROW	36" x 12"	x		TWT	1	WS	P					
	19	R3-5VAR	ONLY	48" x 20"	x		10BWG	1	SA	P					
	25	M3-1	NORTH	24" x 12"	x		10BWG	1	SA	P					
		M4-1	183	30" x 24"	x										
		M6-1	←	30" x 24"	x										
		D21-1TDBL	SEWARD JUNCTION LP	12" x 96"	x										
	40	D21-1TDBL	SEWARD JUNCTION LP	12" x 96"	x		10BWG	1	SA	P					
	27	R3-7R	RIGHT LANE MUST TURN RIGHT	36" x 36"	x		TWT	1	WS	P					
	28	R3-7L	LEFT LANE MUST TURN LEFT	36" x 36"	x		TWT	1	WS	P					
	29	R3-5L	ONLY	48" x 60"	x		S80	2	SA	P					
		R5-1a	WRONG WAY	42" x 30"	x										
		R3-5R	ONLY	48" x 60"	x										
	30	R5-1a	WRONG WAY	42" x 30"	x		10BWG	2	SA	P					
		R1-1	STOP	48" x 48"	x										
	31	R5-1	DO NOT ENTER	48" x 48"	x		10BWG	1	SA	P					
	32	R5-1	DO NOT ENTER	48" x 48"	x		10BWG	1	SA	P					
	33	R1-1	STOP	48" x 48"	x		10BWG	2	SA	P					
		D3-1G	US 183	42" x 12"	x										
		M3-1	NORTH	VAR x 12"	x										
		R6-1L	ONE WAY ARROW	36" x 12"	x										
	34	R5-1	DO NOT ENTER	48" x 48"	x		10BWG	1	SA	P					
	35	R5-1	DO NOT ENTER	48" x 48"	x		10BWG	1	SA	P					
	36	R3-5L	ONLY	48" x 60"	x		10BWG	2	SA	P					
		R5-1a	WRONG WAY	42" x 30"	x										
37	R3-7L	LEFT LANE MUST TURN LEFT	36" x 36"	x		TWT	1	WS	P						
38	R3-7R	RIGHT LANE MUST TURN RIGHT	36" x 36"	x		TWT	1	WS	P						

ALUMINUM SIGN BLANKS (TYPE A)

Square Ft. Min. Thickness

Less than 7.5 0.080"

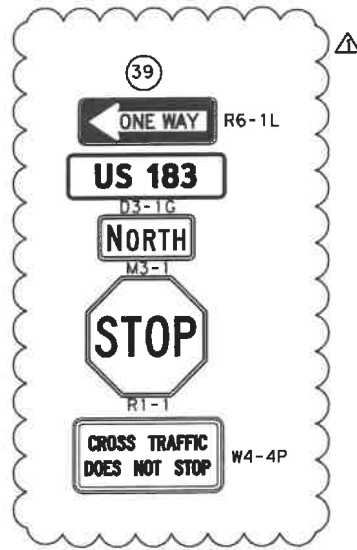
7.5 to 15 0.100"

Greater than 15 0.125"

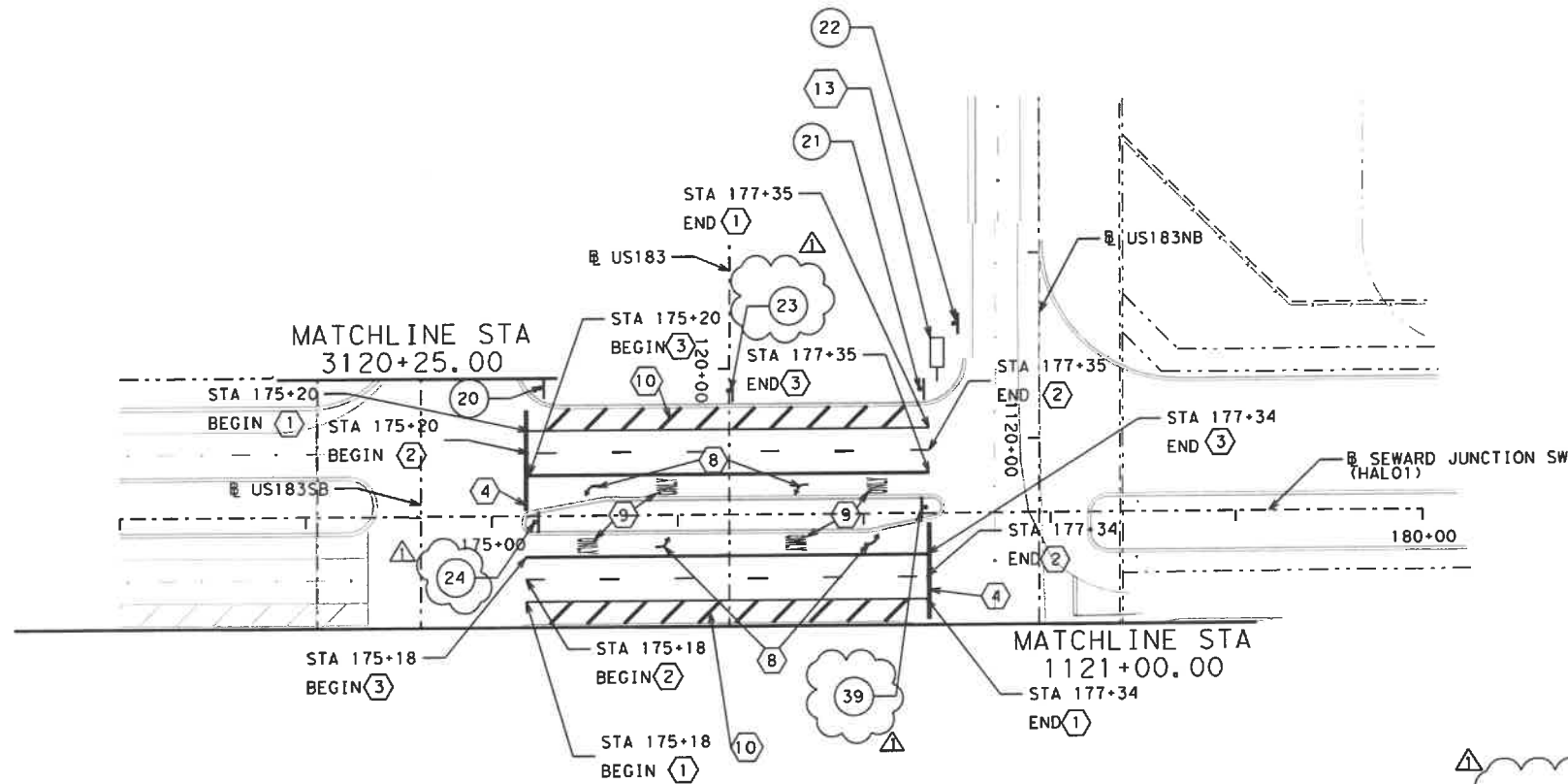
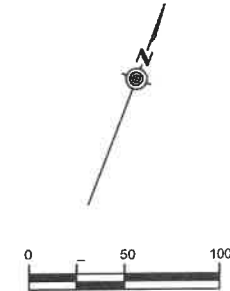
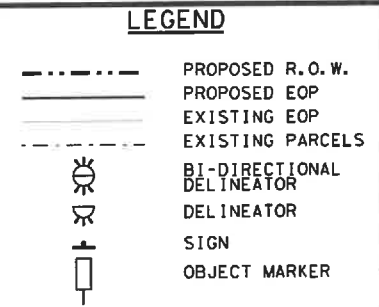
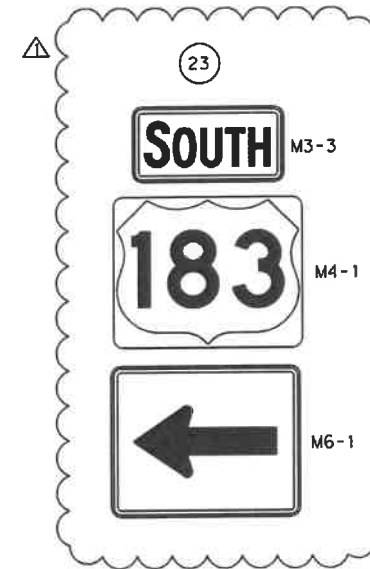
Sign supports shall be located as shown on the plans, except that the Engineer may shift the sign supports, within design guidelines, where necessary to secure a more desirable location or to avoid conflict with utilities. Unless otherwise shown on the plans, the Contractor shall stake and the Engineer will verify all sign support locations.

REVISION DESCRIPTION	DATE	BY	REV. NO.	1
PM REVISIONS	1/11/21	BRE	1	
K FRIESE & ASSOCIATES, INC.				
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746				
WILLIAMSON COUNTY				
US 183 AT SEWARD JUNCTION SOUTH				
SUMMARY OF SMALL SIGNS				
WILLIAMSON COUNTY				
SCALE	AS NOTED			
DATE	1/12/2021			
SHEET NUMBER	15 OF 92			

X:\Projects\0589-Seward Junction SW Construction Phase\OGM\Sheets\US 183 at Seward Junction S\0390 PM 05.dgn modified by RBell on 1/12/2021 - 10:15:44 AM

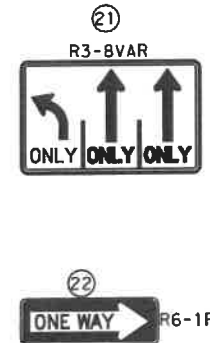
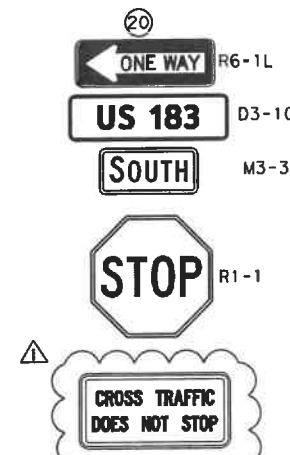
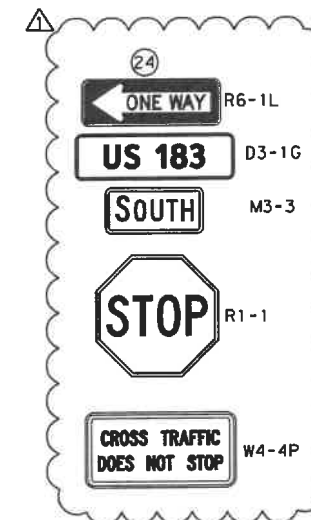


All W4-4P signs
need to be 36"x18"



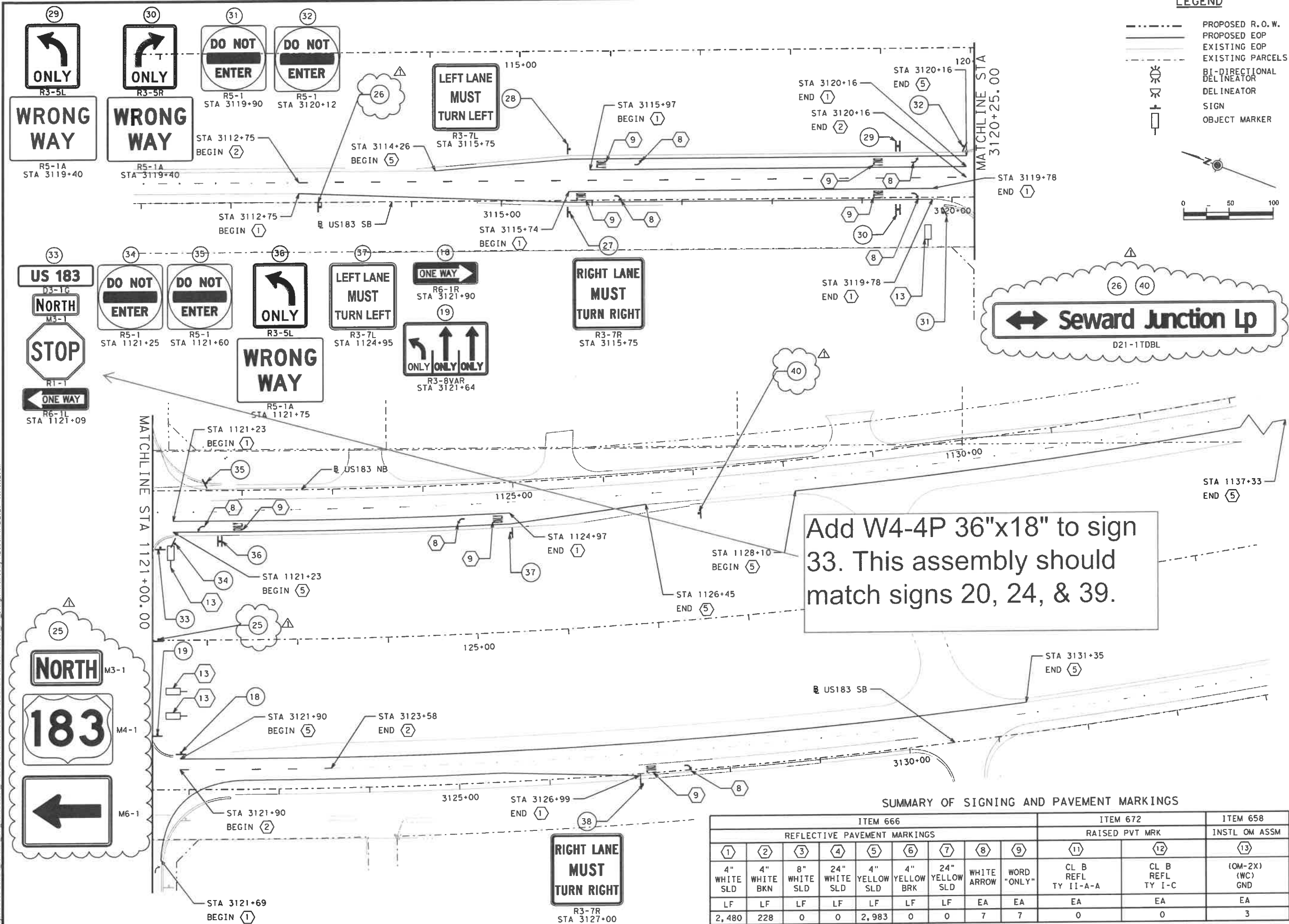
SUMMARY OF SIGNING AND PAVEMENT MARKINGS

ITEM 666										ITEM 672		ITEM 658
REFLECTIVE PAVEMENT MARKINGS										RAISED PVT MRK		INST OM ASSM
1	2	3	4	5	6	7	8	9	10	11	12	13
4" WHITE SLD	4" WHITE BKN	8" WHITE SLD	24" WHITE SLD	4" YELLOW SLD	4" YELLOW BRK	24" YELLOW SLD	WHITE ARROW	WORD "ONLY"	12" WHITE SLD	CL B REFL TY II-A-A	CL B REFL TY I-C	(OM-2X) (WC) GND
LF	LF	LF	LF	LF	LF	LF	EA	EA	LF	EA	EA	EA
430	108	430	106	0	0	0	4	4	340	0	0	2



REVISION DESCRIPTION	
REV. NO.	DATE
1	1/12/21
PM REVISIONS	
K FRIESE & ASSOCIATES, INC.	
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746	
WILLIAMSON COUNTY	
US 183 AT SEWARD JUNCTION SOUTH	
SIGNING AND PAVEMENT MARKING PLAN	
SHEET 1 OF 2	
K FRIESE + ASSOCIATES PUBLIC PROJECT ENGINEERING (FIRM # 6535)	
WILLIAMSON COUNTY 1848	
SCALE	AS NOTED
DATE	1/12/2021
SHEET NUMBER	70 OF 92

X:\Projects\0559-Seward Junction SW Construction Phase\Drawings\US 183 at Seward Junction\US 183 at Seward Junction\11/2/2021 - 10:15:52 AM



SUMMARY OF SIGNING AND PAVEMENT MARKINGS

ITEM 666									ITEM 672		ITEM 658
REFLECTIVE PAVEMENT MARKINGS									RAISED PVT MRK		INSTL OM ASSM
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(11)	(12)	(13)
4" WHITE SLD	4" WHITE BKN	8" WHITE SLD	24" WHITE SLD	4" YELLOW SLD	4" YELLOW BRK	24" YELLOW SLD	WHITE ARROW	WORD "ONLY"	CL B REFL TY II-A-A	CL B REFL TY I-C	(OM-2X) (WC) GND
LF	LF	LF	LF	LF	LF	LF	EA	EA	EA	EA	EA
2,480	228	0	0	2,983	0	0	7	7	0	0	3

REVISION DESCRIPTION		DATE	BY	REV. NO.
PM REVISIONS <td data-kind="ghost"></td> <td>11/2/21</td> <td>BRB</td> <td>1</td>		11/2/21	BRB	1

STATE OF TEXAS
B. RYAN BELL
92578
LICENSED PROFESSIONAL ENGINEER
11/2/2021

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

WILLIAMSON COUNTY
US 183 AT SEWARD JUNCTION SOUTH
SIGNING AND PAVEMENT MARKING PLAN
SHEET 2 OF 2

K FRIESE & ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)

WILLIAMSON COUNTY
1848



WILLIAMSON COUNTY

SCALE	AS NOTED
DATE	11/2/2021
SHEET NUMBER	71 OF 92

DATE: \$DATE\$
DRAWING FILE: \$FILE\$

SUMMARY OF REMOVAL QUANTITIES										
ITEM	104	104	104	106	496	496	542	544	550	644
DESC CODE	6009	6017	6054	6002	6007	6043	6001	6003	6006	6076
DESCRIPTION	REMOVING CONC (RIPRAP)	REMOVING CONC (DRIVEWAYS)	REMOVING CONCRETE (MOW STRIP)	OBLITERATING ABANDONED ROAD	* REMOV STR (PIPE)	REMOV STR (SMALL FENCE)	REMOVE METAL BEAM GUARD FENCE	GUARDRAIL END TREATMENT (REMOVE)	GATE (REMOVE)	REMOVE SM RD SN SUP&AM
UNIT	SY	SY	LF	SY	LF	LF	LF	EA	EA	EA
CR 259										
BEGIN PROJ TO STA 181+00.00		114				428				2
STA 181+00.00 TO STA 186+00.00				1038		500				
STA 186+00.00 TO STA 191+00.00				1226		621				
STA 191+00.00 TO STA 196+00.00				1242	64	700				
STA 196+00.00 TO STA 201+00.00				950		500				1
STA 201+00.00 TO STA 206+50.00				781		316				
STA 206+50.00 TO STA 212+00.00		168		125	32	365				1
STA 212+00.00 TO STA 217+50.00										
STA 217+50.00 TO STA 220+32.19										
SUBTOTAL		282		5362	96	3430				4
CR 266										
BEGIN PROJ TO STA 257+50.00				96		700				
STA 257+50.00 TO STA 262+50.00				363		681				
STA 262+50.00 TO STA 267+50.00				453		574			1	1
STA 267+50.00 TO END PROJ	64		135	347	75	415	100	1		3 +
SUBTOTAL	64		135	1259	75	2370	100	1	1	4 -
PROJECT TOTALS										
	64	282	135	6621	171	5800	100	1	1	8 -

▪ SET REMOVAL IS SUBSIDIARY TO REMOV STR (PIPE)

NO.	DATE	12/22/2020	UPDATE SIGNING & STRIPING QTY'S							
			REVISIONS							RECOM'D
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<div> AGUIRRE & FIELDS LP ENGINEERS AND PLANNERS TBPE FIRM REGISTRATION # 739</div>										
SEWARD JUNCTION SOUTHEAST										
SUMMARY OF REMOVAL QUANTITIES										
DN:	RAW	FED. RD. DIV. NO.	STATE	PROJECT NO.		HIGHWAY NO.				
CK DN:	JRM	6	TEXAS			259/266				
DW:	TJR	STATE DIST. NO.	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.			
CK DW:	JRM	AUS	WILLIAMSON				21			

\$DATE\$

\$FILE\$

DATE: \$DATE\$
DRAWING FILE: \$FILES\$

SUMMARY OF PAVEMENT MARKING QUANTITIES														
ITEM	666	666	666	666	666	666	666	666	666	666	666	666	666	666
DESC CODE	6300	6030	6036	6048	6054	6078	6102	6147	6167	6170	6176	6178	6182	6184
DESCRIPTION	REFL PAV MRK TY I (W) 4" (BRK) (100MIL)	REFL PAV MRK TY I (W) 8" (DOT) (100MIL)	REFL PAV MRK TY I (W) 8" (SLD) (100MIL)	REFL PAV MRK TY I (W) 24" (SLD) (100MIL)	REFL PAV MRK TY I (W) (ARROW) (100MIL)	REFL PAV MRK TY I (W) (WORD) (100MIL)	REF PAV MRK TY I (W) 36" (YLD TRI) (100MIL)	REFL PAV MRK TY I (Y) 24" (SLD) (100MIL)	REFL PAV MRK TY II (W) 4" (BRK)	REFL PAV MRK TY II (W) 4" (SLD)	REFL PAV MRK TY II (W) 8" (DOT)	REFL PAV MRK TY II (W) 8" (SLD)	REFL PAV MRK TY II (W) 24" (SLD)	REFL PAV MRK TY II (W) (ARROW)
UNIT	LF	LF	LF	LF	EA	EA	EA	LF	LF	LF	LF	LF	LF	EA
CR 259														
STA 177+95.13 TO STA 181+00.00	140	72	587	317	2	2	7		140	801	72	587	317	2
STA 181+00.00 TO STA 186+00.00	16	3	0 +23-	96	0 +	0 +		54	16	963 -755-	3	0 +23-	96	0 +
STA 186+00.00 TO STA 196+00.00										1000				
STA 196+00.00 TO STA 206+50.00				15						983			15	
STA 206+50.00 TO STA 217+50.00										1105				
STA 217+50.00 TO STA 220+32.19				22						205			22	
SUBTOTAL	156	75	587 -710-	450	2 -3-	2 -3-	7	54	156	5057 -4849-	75	587 -710-	450	2 -3-
CR 266														
STA 254+00.00 TO STA 257+50.00										700				
STA 257+50.00 TO STA 262+50.00										660				
STA 262+50.00 TO STA 267+50.00			36	25						438		36	25	
STA 267+50.00 TO STA 270+26.11			265	37	2	2				281		265	37	2
SUBTOTAL			301	62	2	2				2079		301	62	2
PROJECT TOTALS	156	75	888 -1011-	512	4 -5-	4 -5-	7	54	156	7136 -6928-	75	888 -1011-	512	4 -5-

SUMMARY OF PAVEMENT MARKING QUANTITIES, CONTD											
ITEM	666	666	666	666	666	666	672	672	672	678	678
DESC CODE	6192	6199	6207	6214	6303	6315	6007	6009	6010	6001	6004
DESCRIPTION	REFL PAV MRK TY II (W) (WORD)	REFL PAV MRK TY II (W) 36" (YLD TRI)	REFL PAV MRK TY II (Y) 4" (SLD)	REFL PAV MRK TY II (Y) 24" (SLD)	REFL PAV MRK TY II (Y) 24" (SLD)	REFL PAV MRK TY II (Y) 24" (SLD)	REFL PAV MRKR TY I-C	REFL PAV MRKR TY II-A-A	REFL PAV MRKR TY II-C-R	PAV SURF PREP FOR MRK (4")	PAV SURF PREP FOR MRK (8")
UNIT	LF	EA	LF	LF	LF	LF	EA	EA	EA	LF	LF
CR 259											
STA 177+95.13 TO STA 181+00.00	2	7			801		19		6		205
STA 181+00.00 TO STA 186+00.00	0 +		900 -996-	54	963 -755-	900 -996-	1	2 +2-			
STA 186+00.00 TO STA 196+00.00			1650		1000	1650		22		430	
STA 196+00.00 TO STA 206+50.00			2260		983	2260		27			
STA 206+50.00 TO STA 217+50.00			2214		1105	2214		27		371	
STA 217+50.00 TO STA 220+32.19			382		205	382		5			
SUBTOTAL	2 -3-	7	7406 -7502-	54	5057 -4849-	7406 -7502-	20	83 -93-	6	801	205
CR 266											
STA 254+00.00 TO STA 257+50.00			700		700	700		9			
STA 257+50.00 TO STA 262+50.00			700		660	700		9			
STA 262+50.00 TO STA 267+50.00			1050		438	1050	2	16			
STA 267+50.00 TO STA 270+26.11	2		566		281	566	13	26			
SUBTOTAL	2		3016		2079	3016	15	60			
PROJECT TOTALS	4 -5-	7	-10518-	54	7136 -6928-	-10518-	35	143 -153-	6	801	205

12/22/2020


UPDATE SIGNING & STRIPING QTY'S

NO.

DATE


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COUNTY
1848

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AGUIRRE & FIELDS LP
ENGINEERS AND PLANNERS
TBP# FIRM REGISTRATION # 739

SEWARD JUNCTION
SOUTHEAST

SUMMARY OF
PAVEMENT MARKING
QUANTITIES

DN: RAW	FED. RD. DIST. NO. 6	STATE TEXAS	PROJECT NO.	HIGHWAY NO.
CK DN: JRM				259/266
DW: TJR	STATE DIST. NO.	COUNTY WILLIAMSON	CONTROL NO.	SECTION NO.
CK DW: JRM	AUS			24

DATE: \$DATE\$
DRAWING FILE: \$FILES\$

DATE: \$DATE\$
DRAWING FILE: \$FILE\$

SUMMARY OF SIGNING QUANTITIES									
ITEM	644	644	644	658	658	658	658	644	644
DESC CODE	6060	6061	6071	6014	6016	6049	6059	6004	6030
DESCRIPTION	IN SM RD SN SUP&AM TYTWT (1) WS (P)	IN SM RD SN SUP&AM TYTWT (1) WS (T)	RELOCATE SM RD SN SUP&AM TY TWT	IN STL DEL ASSM (D-SW) SZ (BR) CTB (BI)	IN STL DEL ASSM (D-SW) SZ (BR) GF1 (BI)	IN STL OM ASSM (OM-22) (FLX) GND (BI)	IN STL OM ASSM (OM-4) (FLX) GND	IN SM RD SN SUP&AM TY10BWG (1) SA (T)	IN SM RD SN SUP&AM TYS80 (1) SA (T)
UNIT	EA	EA	EA	EA	EA	EA	EA	EA	EA
CR 259									
STA 177+95.13 TO STA 181+00.00	3 1	5 8						2	1
STA 181+00.00 TO STA 186+00.00	3	4 5							
STA 186+00.00 TO STA 196+00.00		1		6	10	2			
STA 196+00.00 TO STA 206+50.00	1	1			2	2			
STA 206+50.00 TO STA 217+50.00	1	2 1		6	12	4			
STA 217+50.00 TO STA 220+32.19	1 2	1						1	
SUBTOTAL	9 8	14 17		12	24	8		3	1
CR 266									
STA 254+00.00 TO STA 257+50.00	0 1							3	
STA 257+50.00 TO STA 262+50.00		2						2	
STA 262+50.00 TO STA 267+50.00		1 2	1		3			1	2
STA 267+50.00 TO STA 270+26.11									1
SUBTOTAL	0 1	3 4	1		3			6	2
PROJECT TOTALS	9	17 21	1	12	27	8	6 2	9	3

2

658-6078 IN STL OM ASSM (OM-4) (TWT) (WAS)
Quantity 10 ea.

2

NO.	DATE	REVISIONS	RECOM'D
2	12/22/2020	UPDATE SIGNING & STRIPING QTY'S	
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 AGUIRRE & FIELDS LP ENGINEERS AND PLANNERS TBPB FIRM REGISTRATION # 739			
SEWARD JUNCTION SOUTHEAST			
SUMMARY OF SIGNING QUANTITIES			
DN: RAW	FED. RD. DIV. NO. 6	STATE TEXAS	PROJECT NO.
CK DN: JRM			259/266
DW: TJR	STATE DIST. NO.	COUNTY	CONTROL NO. SECTION NO. JOB NO.
CK DW: JRM	AUS	WILLIAMSON	25

\$DATE\$

\$FILE\$

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DATE: 1/6/2021 3:16:17 PM
FILE: c:\pw-of-pw-of-prod\tor\yn.fickee@quarre-fields.com\d0137920\269011505950\1505950.dgn

SUMMARY OF SMALL SIGNS												
PLAN SHEET NO.	SIGN NO.	SIGN NOMENCLATURE	SIGN	DIMENSIONS	FLAT ALUMINUM (TYPE A)	EXAL ALUMINUM (TYPE G)	SM RD SGN ASSM TY XXXXX (X) XX (X-XXXX)				BRIDGE MOUNT CLEARANCE SIGNS (See Note 2)	
							POST TYPE	POSTS	ANCHOR TYPE	MOUNTING DESIGNATION		
										PREFABRICATED		1EXT or 2EXT = # of Ext
							FRP = Fiberglass TWT = Thin-Wall 10BWG = 10 BWG S80 = Sch 80	1 or 2	UA=Universal Conc UB=Universal Bolt SA=Slipbase-Conc SB=Slipbase-Bolt WS=Wedge Steel WP=Wedge Plastic	P = "Plain" T = "T" U = "U"	BM = Extruded Wind Beam WC = 1.12 #/ft Wing Channel EXAL= Extruded Alum Sign Panels	TY = TYPE TY N TY S
1	1	D3-1G	-ER-259 Seward Junction Lp	42X12	✓		10BWG -TWT-	1	SA -WS-	T		
	2	D3-1G	US 183	42X12	✓							
		R1-1	STOP	48X48 36X36	✓							
		W4-4P	CROSS TRAFFIC DOES NOT STOP	36X18	✓							
	2	R1-1	STOP	48X48 36X36	✓		10BWG -TWT-	1	SA -WS-	T		
	W4-4P	CROSS TRAFFIC DOES NOT STOP	36X18	✓								
	3	R5-1	DO NOT ENTER	36X36	✓		TWT	1	WS	T		
	4	R3-5R	→ ONLY	30X36	✓		TWT	1	WS	P		
	5	W9-2TL	LANE ENDS MERGE LEFT	36X36	✓		TWT	1	WS	T		
	6	R1-2	YIELD	48X48X48	✓		TWT	1	WS	T		
	10	R5-1	DO NOT ENTER	36X36	✓		TWT	1	WS	T		
	13	R5-1	DO NOT ENTER	36X36	✓		TWT	1	WS	T		
	14	R6-1R	ONE WAY →	54X18	✓		TWT	1	WS	T		
	2	1	R5-1A	WRONG WAY	42X30	✓		TWT	1	WS	T	
2		BACK TO BACK										
		R3-TR	RIGHT LANE MUST TURN RIGHT	36X36	✓							
2		R5-1A	WRONG WAY	42X30	✓		TWT	1	WS	T		
3		W6-2	DIVIDED HIGHWAY SYMBOL	36X36	✓		TWT	1	WS	T		
BACK TO BACK												
		W6-1	DIVIDED HIGHWAY SYMBOL	36X36	✓							
4		R5-1A	WRONG WAY	42X30	✓		TWT	1	WS	T		
5		R2-1	SPEED LIMIT --	24X30	✓		TWT	1	WS	P		
6		R5-1A	WRONG WAY	42X30	✓		TWT	1	WS	T		
2	7	W1-4L	HORIZONTAL ALIGNMENT SYMBOL	30X30	✓		TWT	1	WS	P		
	8	R3-5R	→ ONLY	30X36	✓		TWT	1	WS	P		
	3	1	W8-13oT	BRIDGE MAY ICE IN COLD WEATHER	36X36	✓	TWT	1	WS	T		
	4	2	W1-4R	HORIZONTAL ALIGNMENT SYMBOL	30X30	✓	TWT	1	WS	P		
	W13-1P	35 MPH	18X18	✓								
		3	W8-13oT	BRIDGE MAY ICE IN COLD WEATHER	36X36	✓	TWT	1	WS	T		
	5	2	W8-13oT	BRIDGE MAY ICE IN COLD WEATHER	36X36	✓	TWT	1	WS	T		
	3	R2-1	SPEED LIMIT --	24X30	✓		TWT	1	WS	P		
	6	1	W8-13oT	BRIDGE MAY ICE IN COLD WEATHER	36X36	✓	TWT	1	WS	T		
2	2	W1-4R	HORIZONTAL ALIGNMENT SYMBOL	30X30	✓		TWT	1	WS	P		
	W13-1P	35 MPH	18X18	✓								
		3	D3-1G	-ER-259 Seward Junction Lp	42X12	✓		10BWG -TWT-	1	SA -WS-	T -P-	
	D3-1G	US 266	42X12	✓								
		R1-1	STOP	36X36 30X30	✓							
	W4-4P	CROSS TRAFFIC DOES NOT STOP	36X18	✓								
	7	1	R4-8	KEEP LEFT SYMBOL	24X30	✓	TWT	1	WS	P		

ALUMINUM SIGN BLANKS THICKNESS	
Square Feet	Minimum Thickness
Less than 7.5	0.080"
7.5 to 15	0.100"
Greater than 15	0.125"

The Standard Highway Sign Designs for Texas (SHSD) can be found at the following website.
<http://www.txdot.gov/>

- NOTE:
- Sign supports shall be located as shown on the plans, except that the Engineer may shift the sign supports, within design guidelines, where necessary to secure a more desirable location or to avoid conflict with utilities. Unless otherwise shown on the plans, the Contractor shall stake and the Engineer will verify all sign support locations.
 - For installation of bridge mount clearance signs, see Bridge Mounted Clearance Sign Assembly (BMCS) Standard Sheet.
 - For Sign Support Descriptive Codes, see Sign Mounting Details Small Roadside Signs General Notes & Details SMD(GEN).



Texas Department of Transportation

Traffic Operations Division Standard

SUMMARY OF SMALL SIGNS

SOSS

FILE: sum16.dgn
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REVISIONS
4-16
8-16

DW: TxDOT
CONT SECT
JOB
DIST
AUS

DW: TxDOT
JOB
COUNTY
WILLIAMSON

CK: TxDOT
HIGHWAY
SHEET NO.
222

DISCLAIMER:

SM RD SGN ASSM TY XXXXX (X) XX (X-XXXX)

<p>BRIDGE MOUNT CLEARANCE SIGNS (See Note 2)</p>
<p>TY = TYPE</p>
<p>TY N TY S</p>

The Standard Highway Sign Designs for Texas (SHSD) can be found at the following website.

<http://www.txdot.gov/>

1. Sign supports shall be located as shown on the plans, except that the Engineer may shift the sign supports, within design guidelines, where necessary to secure a more desirable location or to avoid conflict with utilities. Unless otherwise shown on the plans, the Contractor shall stake and the Engineer will verify all sign support locations.
2. For installation of bridge mount clearance signs, see Bridge Mounted Clearance Sign Assembly (BMCS) Standard Sheet.
3. For Sign Support Descriptive Codes, see Sign Mounting Details Small Roadside Signs General Notes & Details SMD (GEN).

12/22/2020

UPDATE SIGNING



**Traffic
Operations
Division
Standard**

SOSS

FILE:	sums16.dgn	DN:	TxDOT	CR:	TxDOT	DN:	TxDOT	CR:	TxDOT
© TxDOT	May 1987	CONT	SECT	JOB			HIGHWAY		
REVISIONS									
4-16		DIST		COUNTY				SHEET NO.	
8-16		AHS		WILLIAMSON				223	

DATE: 1/6/2021 3:16:38 PM
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SUMMARY OF SMALL SIGNS

PLAN SHEET NO.	SIGN NO.	SIGN NOMENCLATURE	SIGN	DIMENSIONS	FLAT ALUMINUM (TYPE A)	EXAL ALUMINUM (TYPE G)	SM RD SGN ASSM TY XXXXX (X) XX (X-XXXX)					BRIDGE MOUNT CLEARANCE SIGNS (See Note 2)
							POST TYPE	POSTS	ANCHOR TYPE	MOUNTING DESIGNATION		
										PREFABRICATED	TEXT or 2EXT = # of Ext	
							FRP = Fiberglass TWT = Thin-Wall 10BWG = 10 BWG S80 = Sch 80	1 or 2	UA=Universal Conc UB=Universal Bolt SA=Slipbase-Conc SB=Slipbase-Bolt WS=Wedge Steel WP=Wedge Plastic	P = "Plain" T = "T" U = "U"	BM = Extruded Wind Beam WC = 1.12 #/ft Wing Channel EXAL= Extruded Alum Sign Panels	TY = TYPE TY N TY S
1	15	R3-5R	➡ ONLY	30X36	✓		TWT	1	WS	P		
	16	W9-2TL	LANE ENDS MERGE LEFT	36X36	✓		TWT	1	WS	P		
	17	D3-1G	Seward Junction Lp	42X12	✓		S80	1	SA	T		
		D3-1G	US 183	42X12	✓							
		R1-1	STOP	48X48	✓							
		W4-4P	CROSS TRAFFIC DOES NOT STOP	36X18	✓							
	18	M3-3	SOUTH	24X12	✓		S80	1	SA	U		
		M1-4	183	30X24	✓							
		M6-3	↑	30X24	✓							
		M3-1	NORTH	24X12	✓							
		M1-4	183	30X24	✓							
		M6-1	➡	30X24	✓							
2	9	M2-1	JCT	21X15	✓		TWT	1	WS	P		
		M1-4	183	30X24	✓							
5	4	W14-2	NO OUTLET	36X36	✓		TWT	1	WS	T		
8	3	D1-2	↑ Seward Junction Lp ← Seward Junction Lp	90X24	✓		10BWG	1	SA	T		
	4	D1-2	← Seward Junction Lp Co Rd 266 ➡	90X24	✓		10BWG	1	SA	T		
	5	D1-2	↑ Seward Junction Lp Seward Junction Lp ➡	90X24	✓		10BWG	1	SA	T		
9	1	R1-1	STOP	36X36	✓		10BWG	1	SA	T		
		W4-4P	CROSS TRAFFIC DOES NOT STOP	36X18	✓							
	2	M2-1	JCT	21X15	✓		10BWG	1	SA	T		
		M1-6T	29	36X36	✓							
10	4	D1-2	← Co Rd 260 Seward Junction Lp ➡	120X30	✓		S80	1	SA	T		
	5	D1-2	← Seward Junction Lp Co Rd 260 ➡	120X30	✓		S80	1	SA	T		
	6	M3-4	WEST	36X18	✓		S80	1	SA	U		
		M1-6T	29	36X36	✓							
		M6-1	←	30X24	✓							
		M3-2	EAST	36X18	✓							
		M1-6T	29	36X36	✓							
		M6-1	➡	30X24	✓							

ALUMINUM SIGN BLANKS THICKNESS

Square Feet	Minimum Thickness
Less than 7.5	0.080"
7.5 to 15	0.100"
Greater than 15	0.125"

The Standard Highway Sign Designs for Texas (SHSD) can be found at the following website.

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NOTE:

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- For Sign Support Descriptive Codes, see Sign Mounting Details Small Roadside Signs General Notes & Details SMD(GEN).



12/22/2020 NEW SHEET w/ NEW SIGNS

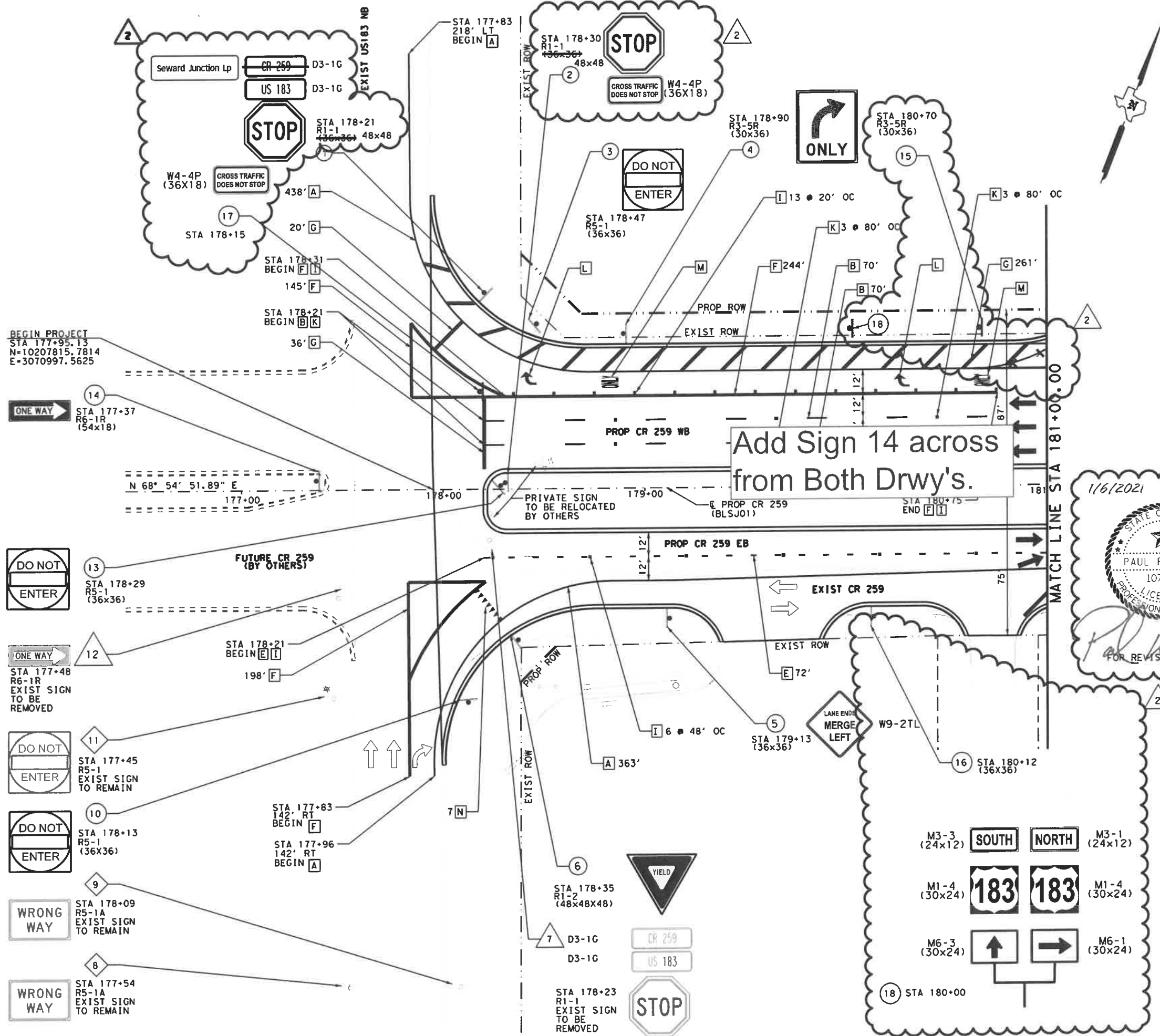


SUMMARY OF SMALL SIGNS

SOSS

FILE: sum16.dgn	DN: TxDOT	CK: TxDOT	DW: TxDOT	CK: TxDOT
© TxDOT May 1987	CONT	SECT	JOB	HIGHWAY
REVISIONS				
4-16	DIST	COUNTY	SHEET NO.	
8-16	AUS	WILLIAMSON	223a	

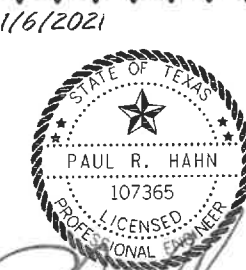
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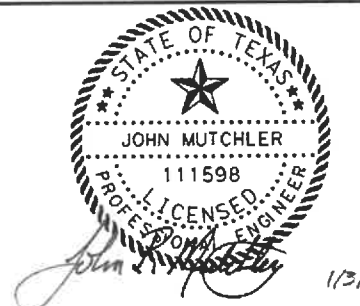
LEGEND

- PROP TRAFFIC FLOW DIRECTIONAL ARROW
- EXIST TRAFFIC FLOW DIRECTIONAL ARROW
- REFL PAV MRK (W) (4") (SLD)
- REFL PAV MRK (W) (4") (BRK)
- REFL PAV MRK (Y) (4") (SLD)
- REFL PAV MRK (Y) (4") (BRK)
- REFL PAV MRK (W) (8") (DOT)
- REFL PAV MRK (W) (8") (SLD)
- REFL PAV MRK (W) (24") (SLD)
- REFL PAV MRK (Y) (24") (SLD)
- REFL PAV MRK TY I-C
- REFL PAV MRK TY II A-A
- REFL PAV MRK TY II C-R
- ARROW
- WORD
- YIELD TRIANGLE
- PROP SIGN NUMBER
- EXIST SIGN NUMBER (TO BE REMOVED)
- EXIST SIGN NUMBER (TO REMAIN)
- EXIST SIGN NUMBER (TO BE RELOCATED)
- OM ASSM OM-2Z
- DEL ASSM (D-SW) (BI)
- PROP SIGN
- EXIST SIGN

0 25' 50'
SCALE: 1" = 50'




1/6/2021
FOR REVISION 2 ONLY




1/3/2018

NO.	DATE	REVISIONS	RECOM'D
1	12/22/2020	Update Signing & Striping	
2			



WILLIAMSON COUNTY
1848
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AGUIRRE & FIELDS LP
ENGINEERS AND PLANNERS
TBP# FIRM REGISTRATION # 739

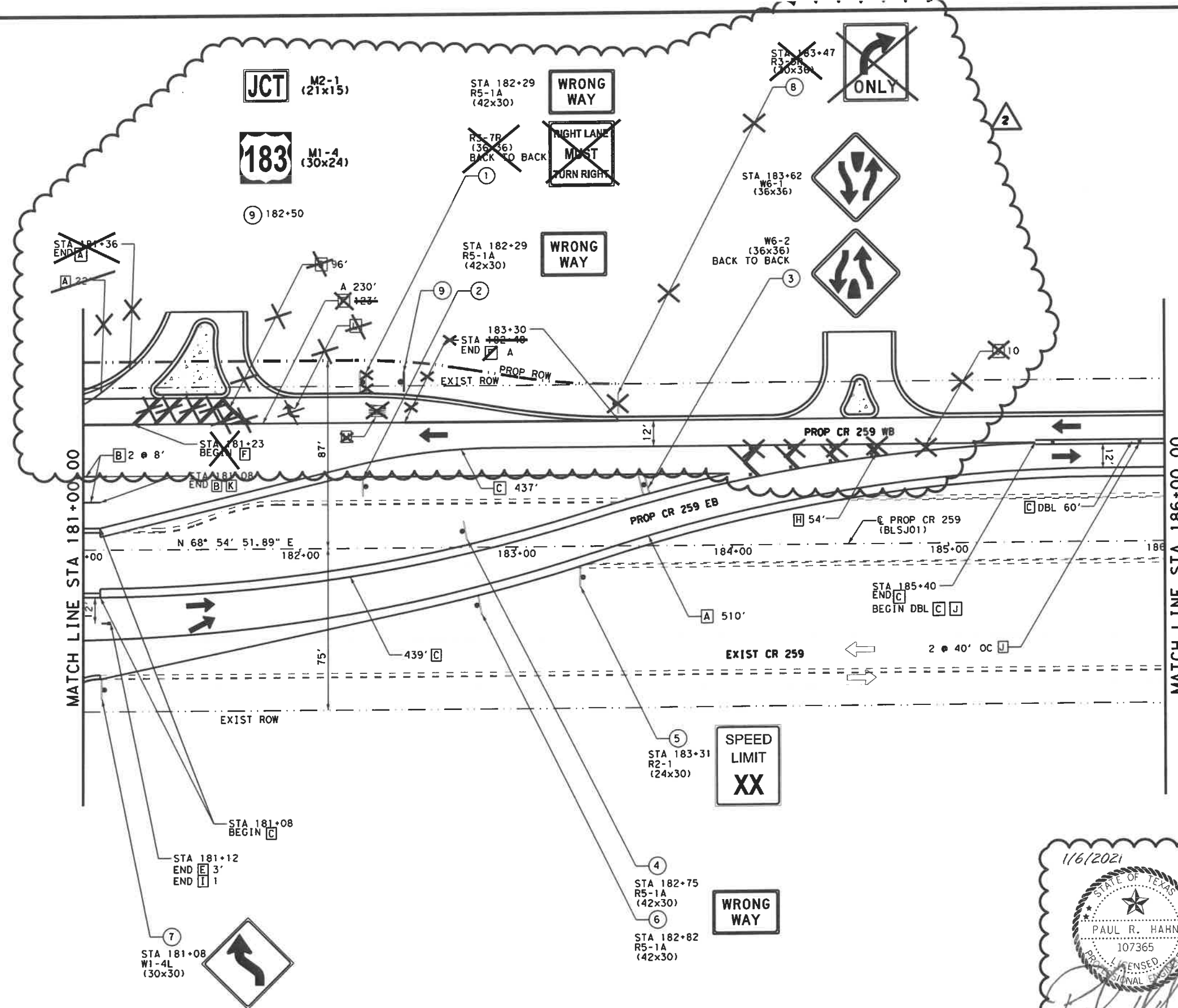
**SEWARD JUNCTION
SOUTHEAST**

**SIGNING AND PAVEMENT
MARKING PLAN
CR 259 STA 177+95.13
TO STA 181+00**

SHEET 1 OF 10

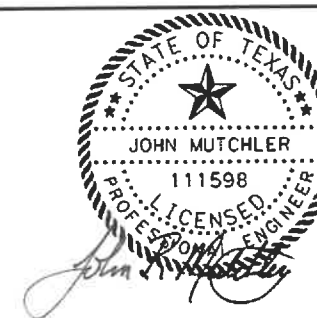
DN:	RAW	FEED NO.	6	STATE	TEXAS	PROJECT NO.		HIGHWAY NO.	259/266
CK DN:	JRM	STATE	TX	COUNTY	WILLIAMSON	CONTROL NO.		JOB NO.	
DW:	TJR	STATE	TX	COUNTY	WILLIAMSON	CONTROL NO.		JOB NO.	
CK DW:	JRM	AUS		WILLIAMSON		CONTROL NO.		JOB NO.	224

DATE: 1/6/2021
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LEGEND

- PROP TRAFFIC FLOW DIRECTIONAL ARROW
 - EXIST TRAFFIC FLOW DIRECTIONAL ARROW
 - A REFL PAV MK (W) (4") (SLD)
 - B REFL PAV MK (W) (4") (BRK)
 - C REFL PAV MK (Y) (4") (SLD)
 - D REFL PAV MK (Y) (4") (BRK)
 - E REFL PAV MK (W) (8") (DOT)
 - F REFL PAV MK (W) (8") (SLD)
 - G REFL PAV MK (W) (24") (SLD)
 - H REFL PAV MK (Y) (24") (SLD)
 - I REFL PAV MK TY I-C
 - J REFL PAV MK TY II A-A
 - K REFL PAV MK TY II C-R
 - L ARROW
 - M WORD
 - N YIELD TRIANGLE
 - XX PROP SIGN NUMBER
 - X EXIST SIGN NUMBER (TO BE REMOVED)
 - X EXIST SIGN NUMBER (TO REMAIN)
 - X EXIST SIGN NUMBER (TO BE RELOCATED)
 - OM ASSM OM-2Z
 - DEL ASSM (D-SW) (BI)
 - PROP SIGN
 - EXIST SIGN
- 0 25' 50'
SCALE: 1" = 50'



NO.	DATE	REVISIONS	RECOM'D
1	12/22/2020	Update Signing & Striping	



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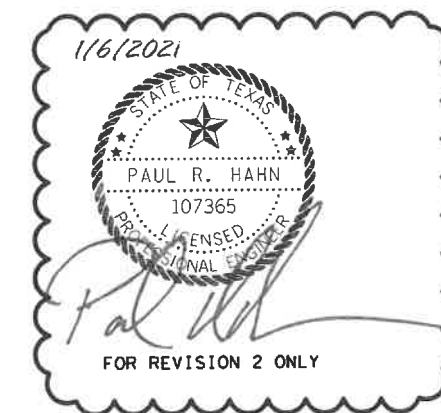
AGUIRRE & FIELDS LP
ENGINEERS AND PLANNERS
TBP# FIRM REGISTRATION # 739

**SEWARD JUNCTION
SOUTHEAST**

**SIGNING AND PAVEMENT
MARKING PLAN
BEGIN PROJECT
CR 259 STA 181+00.00
TO STA 186+00**

SHEET 2 OF 10

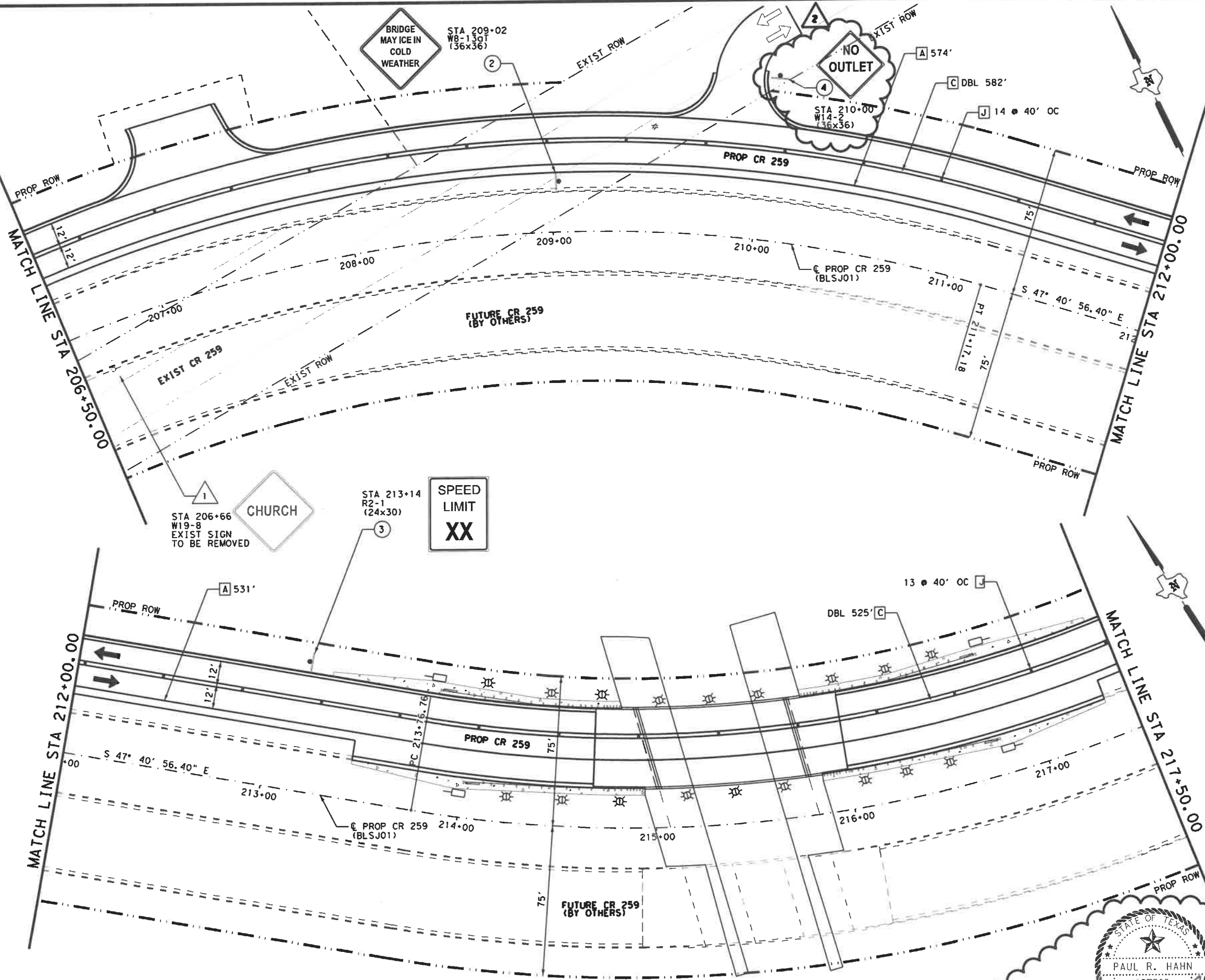
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CK DN:	JRM	6	TEXAS		259/266
DW:	TJR	STATE DIST. NO.	COUNTY	CONTROL NO.	SECTION NO.
CK DW:	JRM	AUS	WILLIAMSON		225



1/6/2021

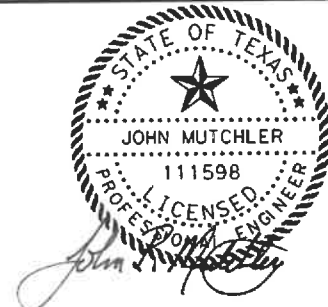
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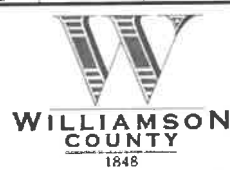


LEGEND

- PROP TRAFFIC FLOW DIRECTIONAL ARROW
 - EXIST TRAFFIC FLOW DIRECTIONAL ARROW
 - REFL PAV MRK (W) (4") (SLD)
 - REFL PAV MRK (W) (4") (BRK)
 - REFL PAV MRK (Y) (4") (SLD)
 - REFL PAV MRK (Y) (4") (BRK)
 - REFL PAV MRK (W) (8") (DOT)
 - REFL PAV MRK (W) (8") (SLD)
 - REFL PAV MRK (W) (24") (SLD)
 - REFL PAV MRK (Y) (24") (SLD)
 - REFL PAV MRK TY I-C
 - REFL PAV MRK TY II A-A
 - REFL PAV MRK TY II C-R
 - ARROW
 - WORD
 - YIELD TRIANGLE
 - PROP SIGN NUMBER
 - EXIST SIGN NUMBER (TO BE REMOVED)
 - EXIST SIGN NUMBER (TO REMAIN)
 - EXIST SIGN NUMBER (TO BE RELOCATED)
 - OM ASSM OM-2Z
 - DEL ASSM (D-SW) (BI)
 - PROP SIGN
 - EXIST SIGN
- 0 25' 50'
SCALE: 1" = 50'



NO.	DATE	REVISIONS	RECON'D
1	12/22/2020	Update Signing & Striping	



AGUIRRE & FIELDS LP
ENGINEERS AND PLANNERS
TBP# FIRM REGISTRATION # 739

SEWARD JUNCTION
SOUTHEAST

SIGNING AND PAVEMENT
MARKING PLAN
CR 259 STA 206+50
TO STA 217+50

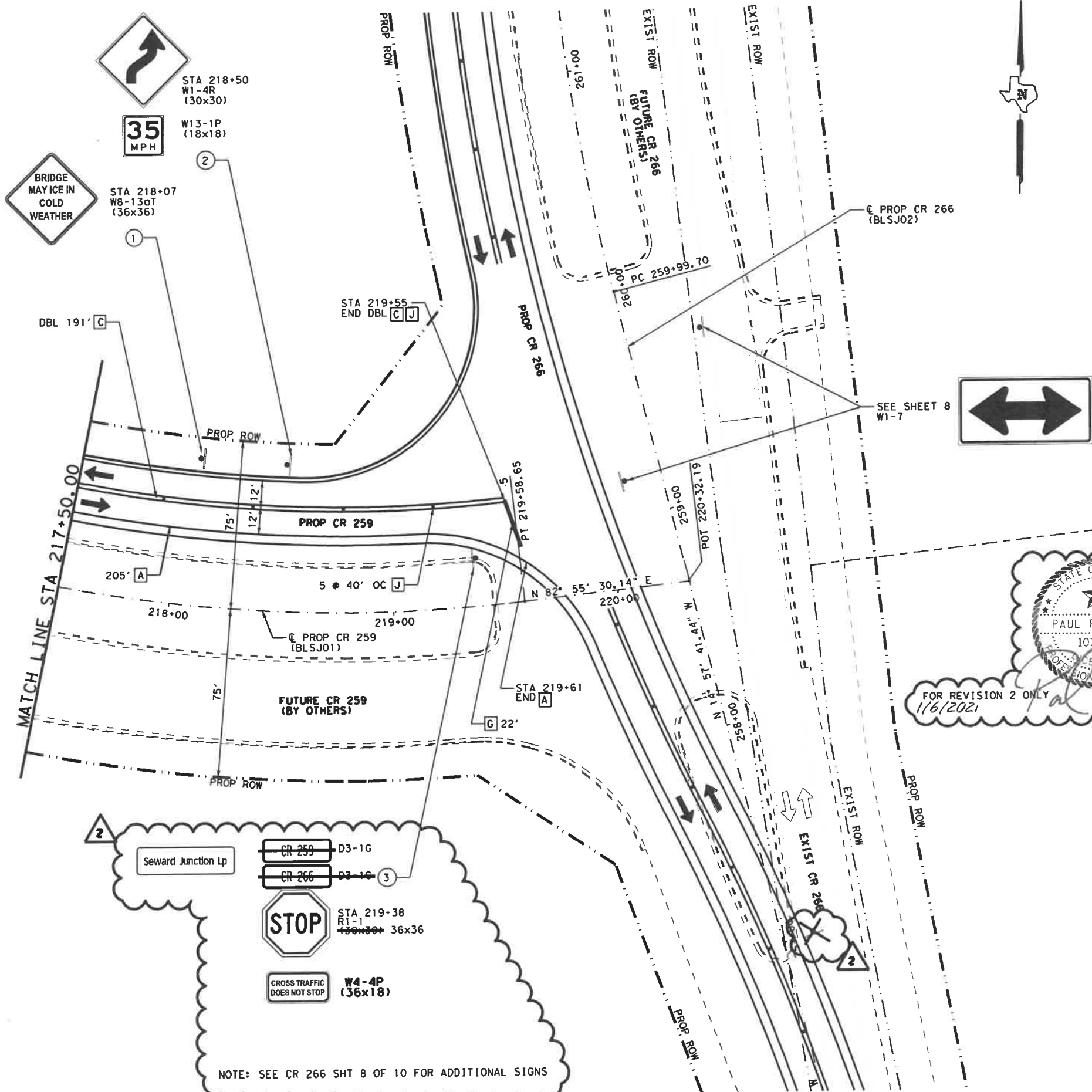


1/6/2021
FOR REVISION 2 ONLY

DN:	RAW	FED. RD. DIV. NO.	STATE	PROJECT NO.	HIGHWAY NO.
CK DN:	JRM	6	TEXAS		259/266
DN:	TJR	STATE DIST. NO.	COUNTY	CONTROL. SECTION NO.	JOB NO.
CK DN:	JRM	AUS	WILLIAMSON		228

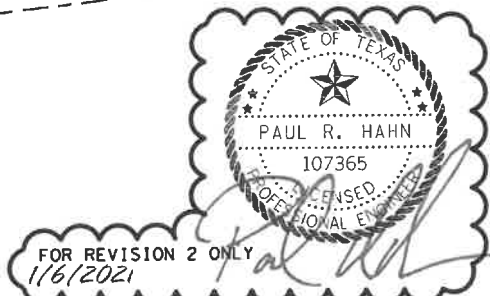
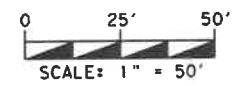
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DATE: 1/6/2021
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LEGEND

- PROP TRAFFIC FLOW DIRECTIONAL ARROW
- EXIST TRAFFIC FLOW DIRECTIONAL ARROW
- REFL PAV MRK (W) (4") (SLD)
- REFL PAV MRK (W) (4") (BRK)
- REFL PAV MRK (Y) (4") (SLD)
- REFL PAV MRK (Y) (4") (BRK)
- REFL PAV MRK (W) (8") (DOT)
- REFL PAV MRK (W) (8") (SLD)
- REFL PAV MRK (Y) (24") (SLD)
- REFL PAV MRK TY I-C
- REFL PAV MRK TY II A-A
- REFL PAV MRK TY II C-R
- ARROW
- WORD
- YIELD TRIANGLE
- PROP SIGN NUMBER
- EXIST SIGN NUMBER (TO BE REMOVED)
- EXIST SIGN NUMBER (TO REMAIN)
- EXIST SIGN NUMBER (TO BE RELOCATED)
- OM ASSM OM-22
- DEL ASSM (D-SW) (BI)
- PROP SIGN
- EXIST SIGN

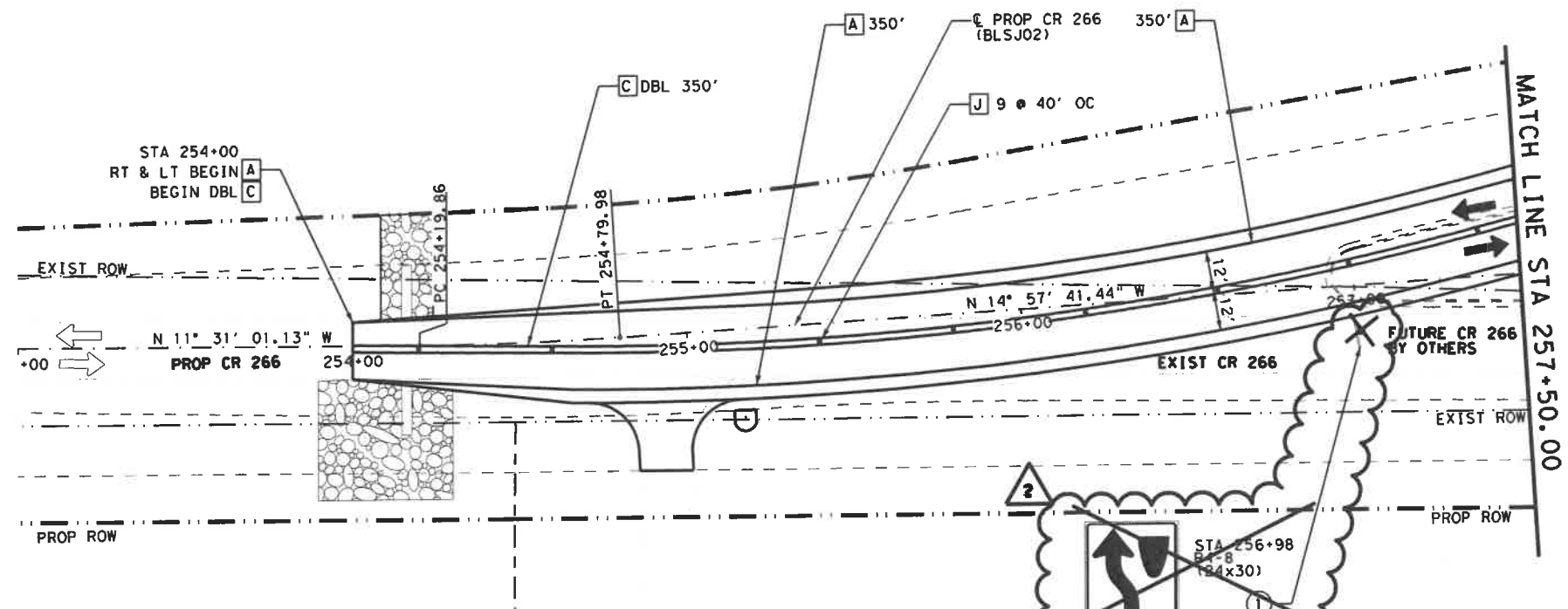


NO.	12/22/2020	Update Signing & Striping	REVISIONS	RECOM'D
 WILLIAMSON COUNTY 1848 © 2016 by Williamson County, Texas. All rights reserved.				
 AGUIRRE & FIELDS LP ENGINEERS AND PLANNERS TBP# FIRM REGISTRATION # 739				
SEWARD JUNCTION SOUTHEAST				
SIGNING AND PAVEMENT MARKING PLAN CR 259 STA 217+50 TO STA 220+32.19				
SHEET 6 OF 10				
DN:	RAW	FED. RD. DIV. NO.	STATE	PROJECT NO.
CK DN:	JRM	6	TEXAS	259/266
DW:	TJR	SECTION NO.	COUNTY	JOB NO.
CK DW:	JRM	AUS	WILLIAMSON	229

1/6/2021

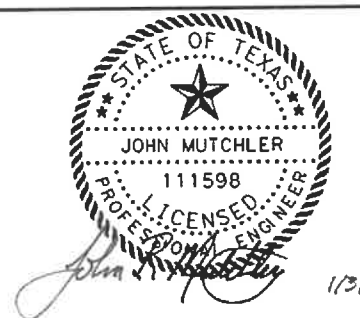
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DATE: 1/6/2021
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LEGEND

- ← PROP TRAFFIC FLOW DIRECTIONAL ARROW
 - ← EXIST TRAFFIC FLOW DIRECTIONAL ARROW
 - A REFL PAV MRK (W) (4") (SLD)
 - B REFL PAV MRK (W) (4") (BRK)
 - C REFL PAV MRK (Y) (4") (SLD)
 - D REFL PAV MRK (Y) (4") (BRK)
 - E REFL PAV MRK (W) (8") (DOT)
 - F REFL PAV MRK (W) (8") (SLD)
 - G REFL PAV MRK (W) (24") (SLD)
 - H REFL PAV MRK (Y) (24") (SLD)
 - I REFL PAV MRK TY I-C
 - J REFL PAV MRK TY II A-A
 - K REFL PAV MRK TY II C-R
 - L ARROW
 - M WORD
 - N YIELD TRIANGLE
 - XX PROP SIGN NUMBER
 - X EXIST SIGN NUMBER (TO BE REMOVED)
 - X EXIST SIGN NUMBER (TO REMAIN)
 - X EXIST SIGN NUMBER (TO BE RELOCATED)
 - OM ASSM OM-2Z
 - DEL ASSM (D-SW) (BI)
 - PROP SIGN
 - EXIST SIGN
- 0 25' 50'
- SCALE: 1" = 50'



NO.	DATE	REVISIONS	RECOM'D
1	12/22/2020	Update Signing & Striping	

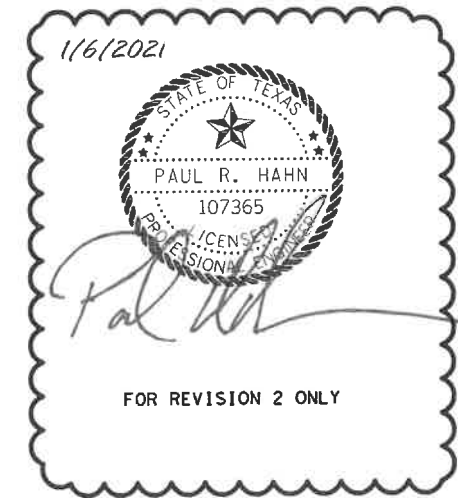


SEWARD JUNCTION
SOUTHEAST

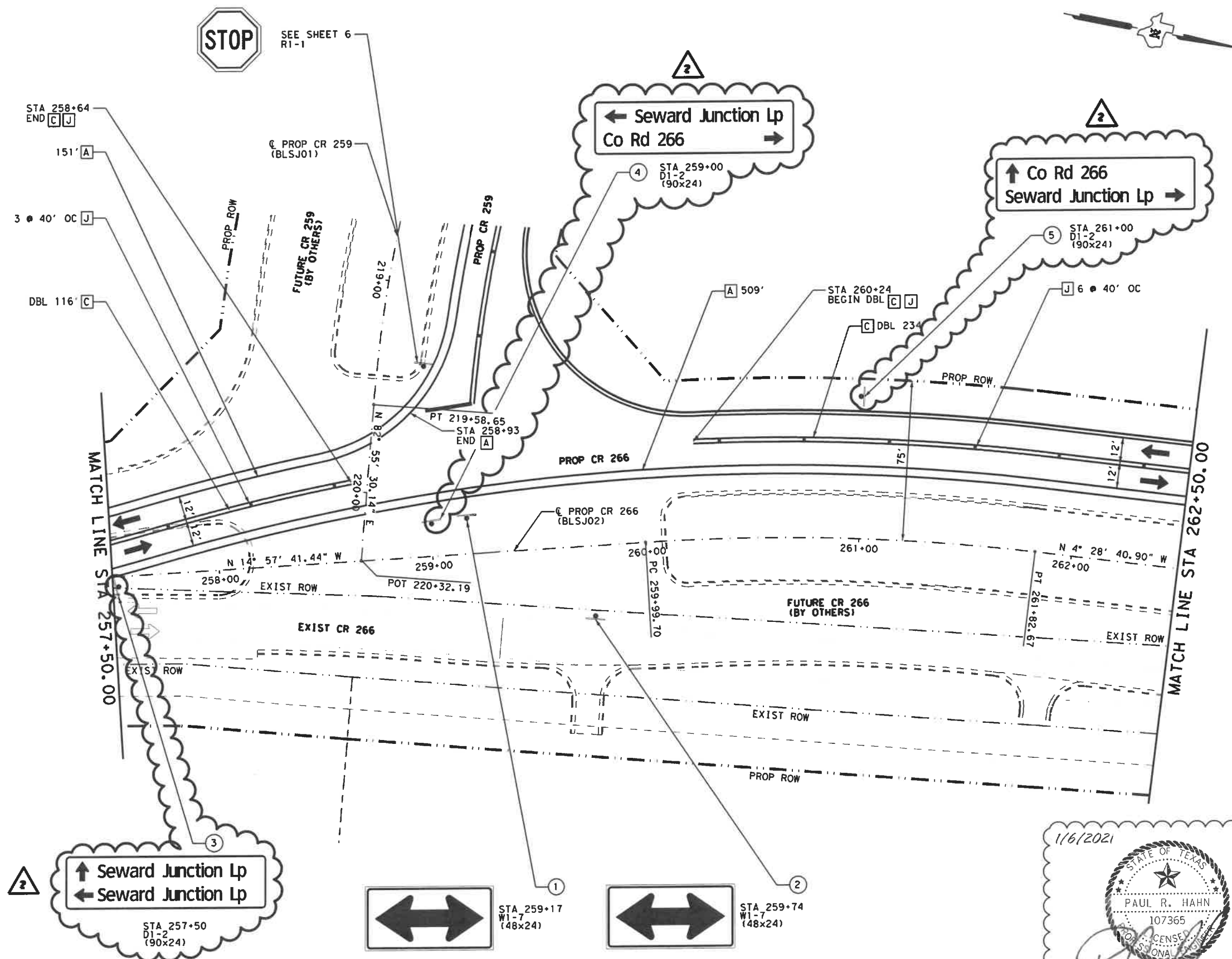
SIGNING AND PAVEMENT
MARKING PLAN
CR 266 STA 254+16
TO STA 257+50

SHEET 7 OF 10

DN:	RAW	FED. NO.	STATE	PROJECT NO.	HIGHWAY NO.
CK DN:	JRM	6	TEXAS		259/266
DW:	TJR	STATE	COUNTY	CONTROL SECTION	JOB NO.
CK DW:	JRM	AUS	WILLIAMSON		230

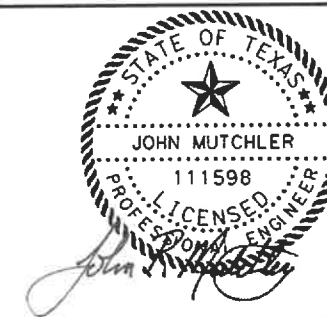


DATE: 1/6/2021
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LEGEND

- ← PROP TRAFFIC FLOW DIRECTIONAL ARROW
- EXIST TRAFFIC FLOW DIRECTIONAL ARROW
- [A] REFL PAV MRK (W) (4") (SLD)
- [B] REFL PAV MRK (W) (4") (BRK)
- [C] REFL PAV MRK (Y) (4") (SLD)
- [D] REFL PAV MRK (Y) (4") (BRK)
- [E] REFL PAV MRK (W) (8") (DOT)
- [F] REFL PAV MRK (W) (8") (SLD)
- [G] REFL PAV MRK (W) (24") (SLD)
- [H] REFL PAV MRK (Y) (24") (SLD)
- [I] REFL PAV MRK TY I-C
- [J] REFL PAV MRK TY II A-A
- [K] REFL PAV MRK TY II C-R
- [L] ARROW
- [M] WORD
- [N] YIELD TRIANGLE
- [XX] PROP SIGN NUMBER
- [X] EXIST SIGN NUMBER (TO BE REMOVED)
- [X] EXIST SIGN NUMBER (TO REMAIN)
- [X] EXIST SIGN NUMBER (TO BE RELOCATED)
- [OM] OM ASSM OM-2Z
- [DEL] DEL ASSM (D-SW) (BI)
- [P] PROP SIGN
- [P] EXIST SIGN



NO.	DATE	REVISIONS	RECOM'D
1	12/22/2020	Update Signing & Striping	



**SEWARD JUNCTION
SOUTHEAST**

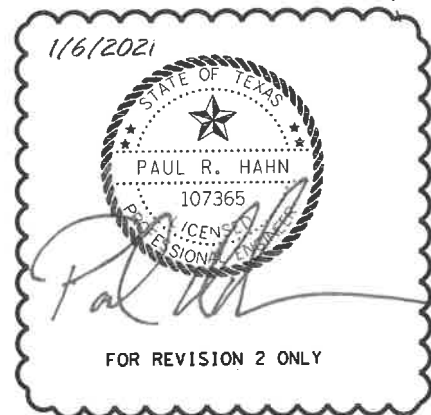
**SIGNING AND PAVEMENT
MARKING PLAN
CR 266 STA 257+50
TO STA 262+50**

SHEET 8 OF 10

DN:	RAW	FEQ. NO.	STATE	PROJECT NO.	HIGHWAY NO.
CK DN:	JRM	6	TEXAS		259/266
DW:	TJR	STATE DIST. NO.	COUNTY	CONTROL SECTION NO.	JOB NO.
CK DW:	JRM	AUS	WILLIAMSON		231



Did not install at this location.
Installed across from Church driveway.



STATE OF TEXAS
★ ★ ★
JOHN MUTCHLER
111598
LICENSED
PROFESSIONAL ENGINEER

John Mutchler 1/3/2018


WILLIAMSON
COUNTY
1848
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SEWARD JUNCTION
SOUTHEAST

SHEET 9 OF 10

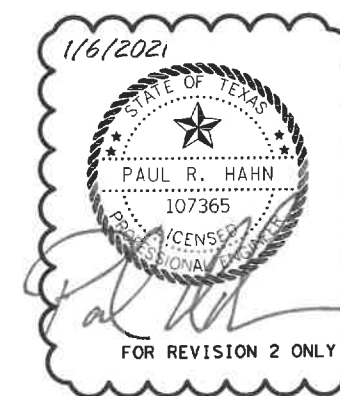
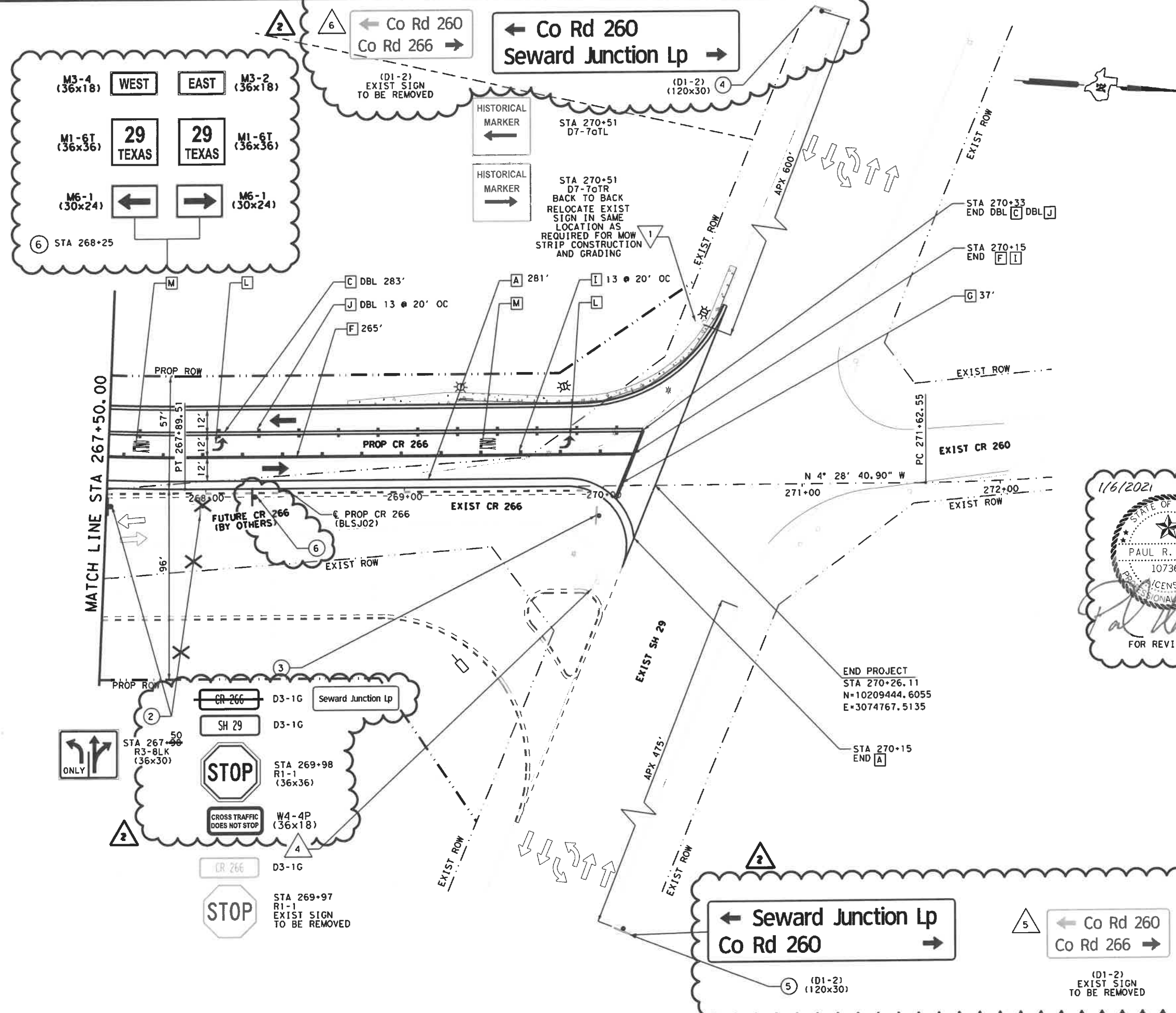
ckee@acquirre-fields.com \d0137920\26901\ML09, dan

DATE: 1/6/2021
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LEGEND

- ← PROP TRAFFIC FLOW DIRECTIONAL ARROW
- ← EXIST TRAFFIC FLOW DIRECTIONAL ARROW
- A REFL PAV MKR (W) (4") (SLD)
- B REFL PAV MKR (W) (4") (BRK)
- C REFL PAV MKR (Y) (4") (SLD)
- D REFL PAV MKR (Y) (4") (BRK)
- E REFL PAV MKR (W) (8") (DOT)
- F REFL PAV MKR (W) (8") (SLD)
- G REFL PAV MKR (Y) (24") (SLD)
- H REFL PAV MKR (Y) (24") (SLD)
- I REFL PAV MKR TY I-C
- J REFL PAV MKR TY II A-A
- K REFL PAV MKR TY II C-R
- L ARROW
- M WORD
- N YIELD TRIANGLE
- XX PROP SIGN NUMBER
- X EXIST SIGN NUMBER (TO BE REMOVED)
- X EXIST SIGN NUMBER (TO REMAIN)
- X EXIST SIGN NUMBER (TO BE RELOCATED)
- OM ASSM OM-2Z
- DEL ASSM (D-SW) (BI)
- PROP SIGN
- EXIST SIGN

0 25' 50'
SCALE: 1" = 50'



NO.	DATE	Update Signing & Striping	REVISIONS	RECOM'D
1	12/22/2020	Update Signing & Striping		

WILLIAMSON COUNTY
1848
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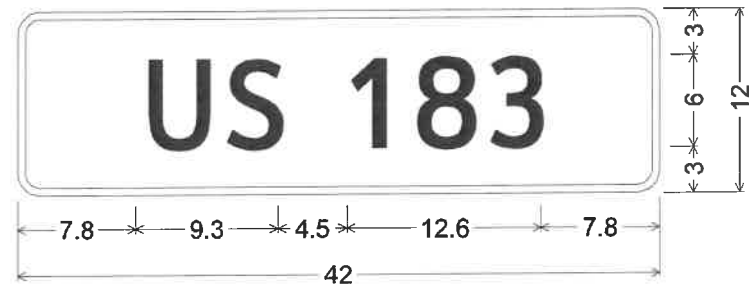
AGUIRRE & FIELDS LP
ENGINEERS AND PLANNERS
TBP# FIRM REGISTRATION # 739

SEWARD JUNCTION SOUTHEAST

SIGNING AND PAVEMENT MARKING PLAN
CR 266 STA 267+50 TO STA 270+26.11

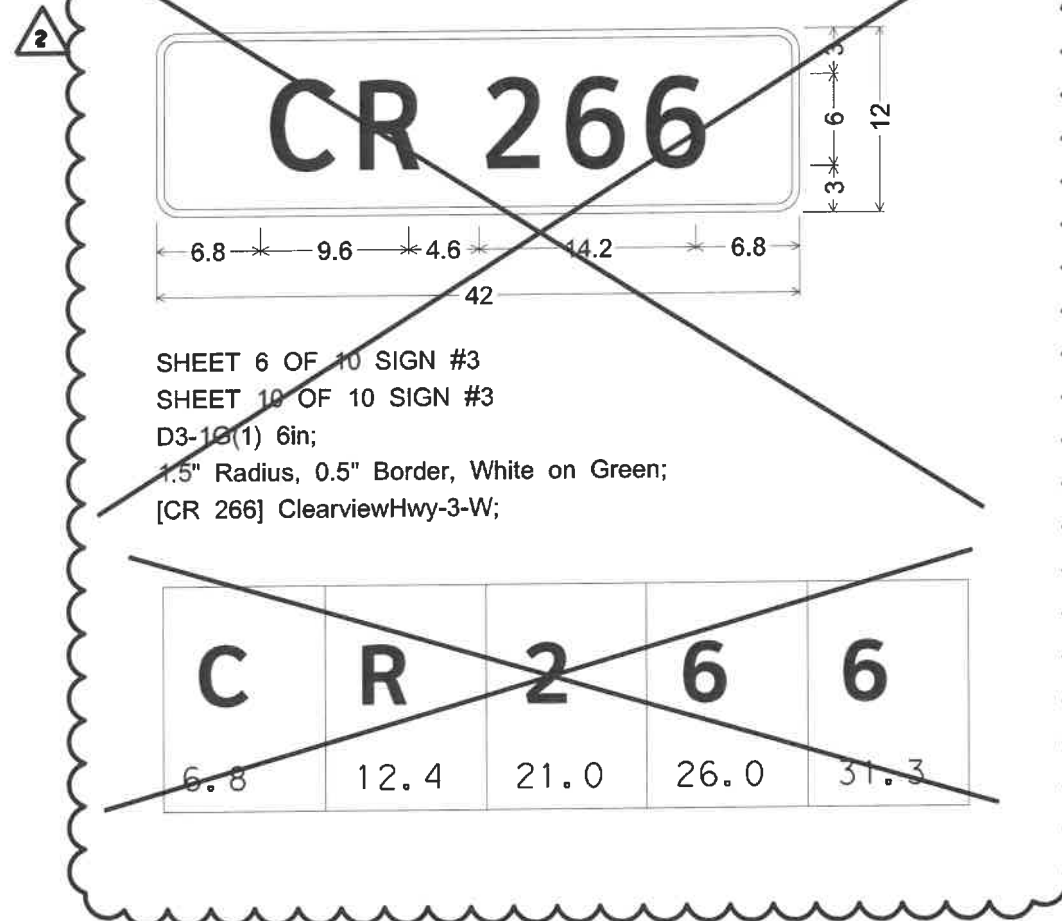
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CK DN:	JRM	6	TEXAS		259/266
DW:	TJR	STATE DIST. NO.	COUNTY	CONTROL SECTION NO.	JOB NO.
CK DW:	JRM	AUS	WILLIAMSON		233

SHEET 10 OF 10



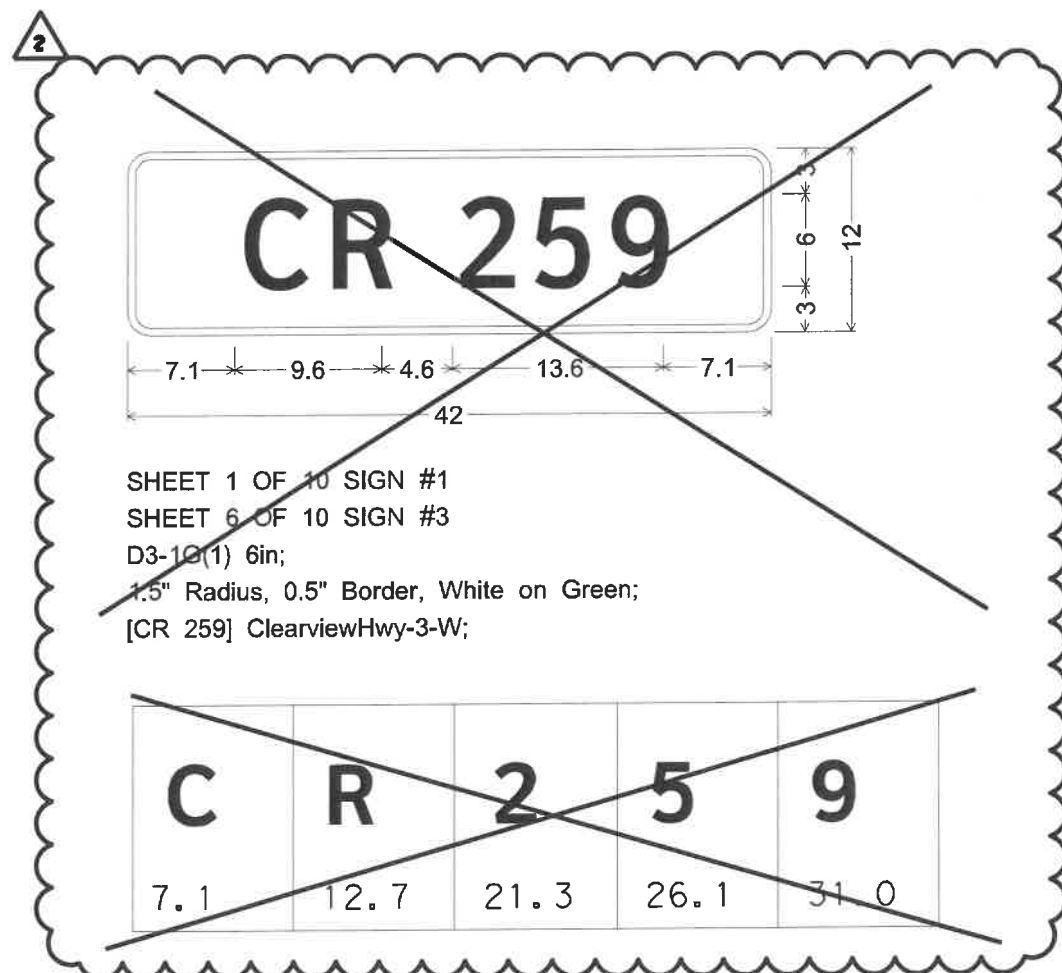
SHEET 1 OF 10 SIGN #1
D3-1G(1) 6in;
1.5" Radius, 0.5" Border, White on Green;
[US 183] ClearviewHwy-3-W;

U	S	1	8	3
7.8	13.3	21.6	25.5	30.5



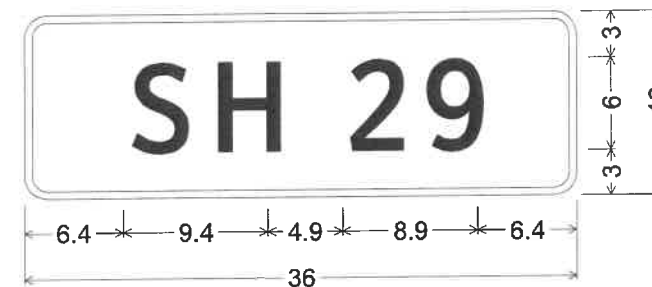
SHEET 6 OF 10 SIGN #3
SHEET 10 OF 10 SIGN #3
D3-1G(1) 6in;
1.5" Radius, 0.5" Border, White on Green;
[CR 266] ClearviewHwy-3-W;

C	R	2	6	6
6.8	12.4	21.0	26.0	31.3



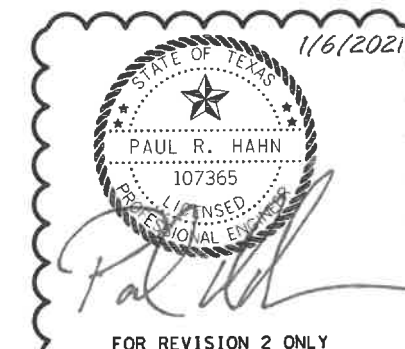
SHEET 1 OF 10 SIGN #1
SHEET 6 OF 10 SIGN #3
D3-1G(1) 6in;
1.5" Radius, 0.5" Border, White on Green;
[CR 259] ClearviewHwy-3-W;

C	R	2	5	9
7.1	12.7	21.3	26.1	31.0



SHEET 10 OF 10 SIGN #3
D3-1G(1) 6in;
1.5" Radius, 0.5" Border, White on Green;
[SH 29] ClearviewHwy-3-W;

S	H	2	9
6.4	11.7	20.7	25.6



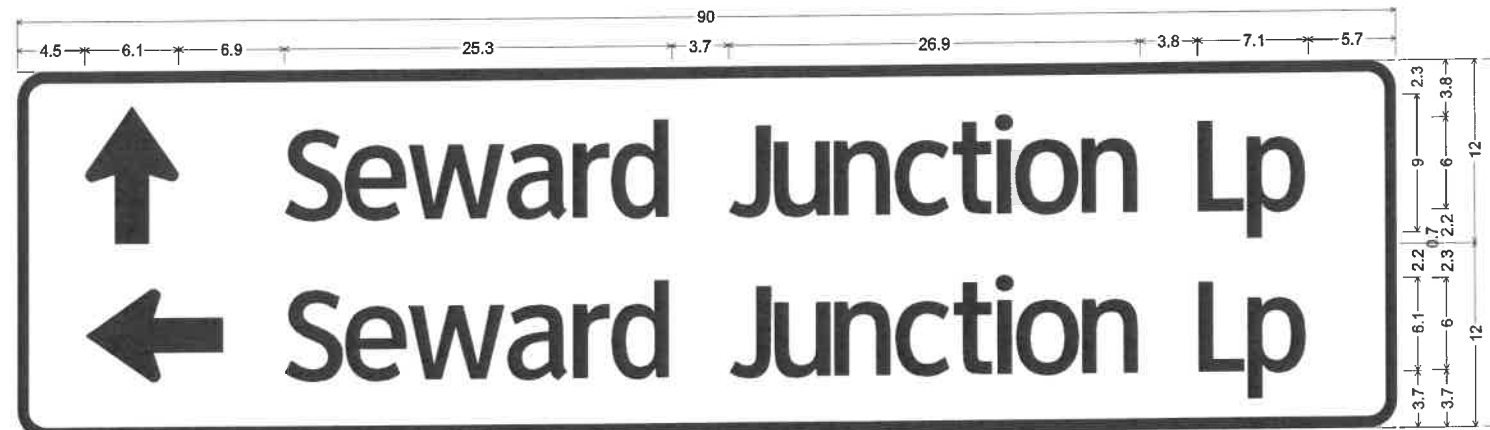
FOR REVISION 2 ONLY

12/22/2020 Update Signing & Striping	
DATE	REVISIONS
WILLIAMSON COUNTY	
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AGUIRRE & FIELDS LP	
ENGINEERS AND PLANNERS	
TBPB FIRM REGISTRATION # 739	
SEWARD JUNCTION	
SOUTHEAST	
SMALL SIGN DETAILS	
SHEET 1 OF 4	
DN: RAW	FED. RD. DIV. NO. 6
CK DN: JRM	STATE TEXAS
DW: TJR	COUNTY
CK DW: JRM	AUS WILLIAMSON
PROJECT NO.	SECTION NO.
259/266	JOB NO.
	SHEET NO.
	234

Seward Junction Lp

SHEET 1 OF 10 SIGN #1
SHEET 1 OF 10 SIGN #17
SHEET 6 OF 10 SIGN #3
SHEET 10 OF 10 SIGN #3

Identifier : D3-1G(1) 6in
1.5" Radius, 0.5" Border, White on Green;
[Seward Junction Lp] ClearviewHwy-3-W 30% spacing;



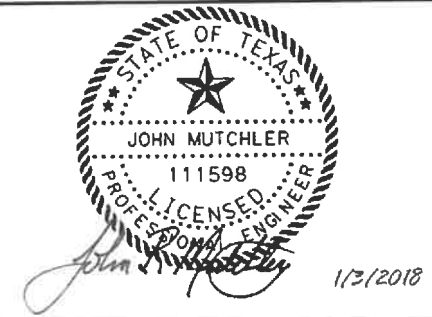
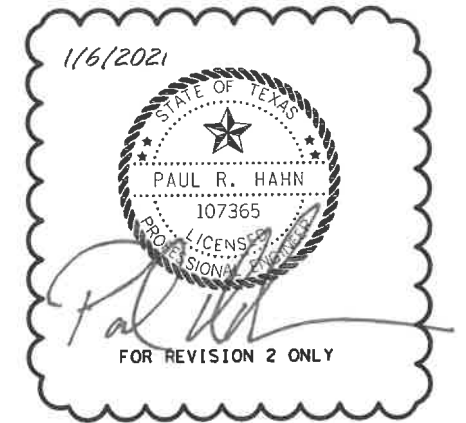
Identifier : D1-2 6in UP-LT
1.9" Radius, 0.8" Border, White on Green;
Standard Arrow Custom 9.0" X 6.1" 90°; [Seward Junction Lp] ClearviewHwy-3-W 10% spacing;
1.9" Radius, 0.8" Border, White on Green;
Standard Arrow Custom 9.0" X 6.1" 180°; [Seward Junction Lp] ClearviewHwy-3-W 10% spacing;

SHEET 8 OF 10 SIGN #3



Identifier : D1-2 6in 4SLT-RT
1.9" Radius, 0.8" Border, White on Green;
Standard Arrow Custom 9.9" X 6.1" 180°; [Seward Junction Lp] ClearviewHwy-3-W 10% spacing;
1.9" Radius, 0.8" Border, White on Green;
[Co Rd 266] ClearviewHwy-3-W 10% spacing; Standard Arrow Custom 9.0" X 6.1" 0°;

SHEET 8 OF 10 SIGN #4



DATE	NEW SHEET - ADDED SIGNS	REVISIONS	RECOM'D
12/22/2020			



SEWARD JUNCTION
SOUTHEAST

SMALL SIGN DETAILS

SHEET 2 OF 4

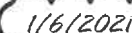
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CK DN:	JRM	6	TEXAS		259/266
DW:	TJR	STATE DIST. NO.	COUNTY	CONTROL SECTION NO.	JOB NO.
CK DW:	JRM	AUS	WILLIAMSON		234a



SHEET 8 OF 10 SIGN #5



SHEET 10 OF 10 SIGN #4



TIME	DATE	WAVELENGTH

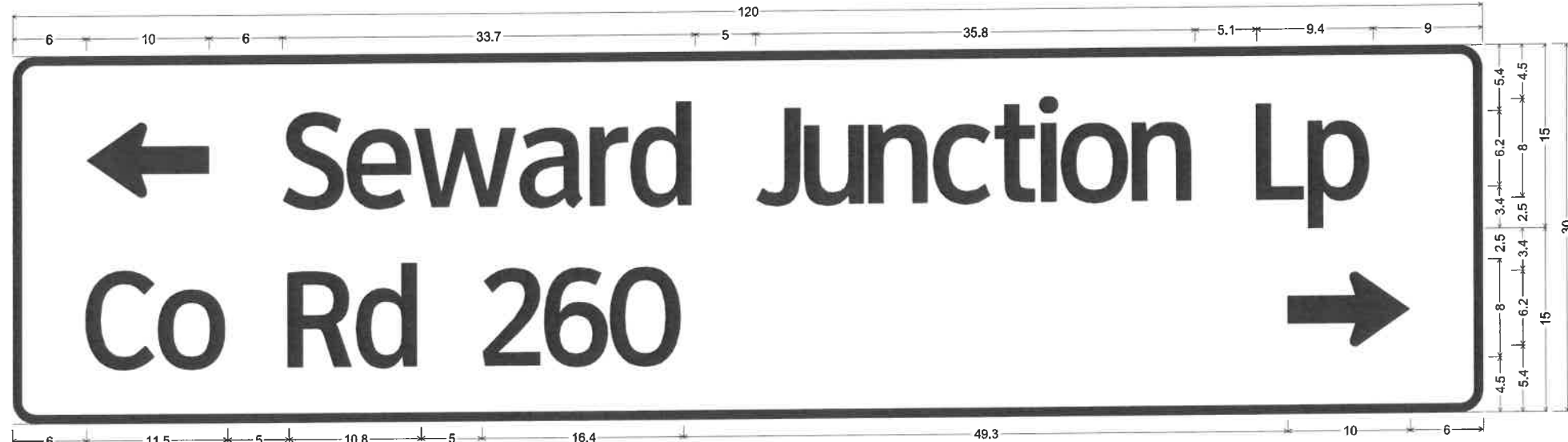


SMALL SIGN DETAILS

SHEET 3 OF 4

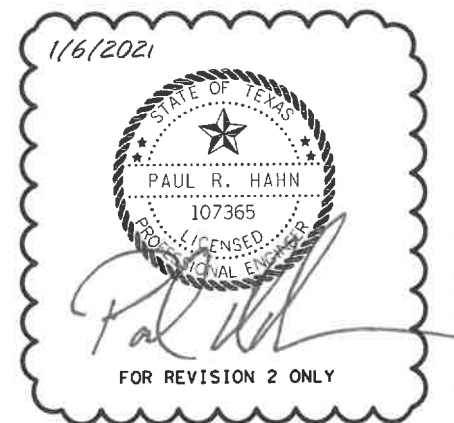
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DATE: 1/6/2021
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Identifier : D1-2 8in LT-RT
1.9" Radius, 0.8" Border, White on Green;
Standard Arrow Custom 10.0" X 6.1" 180°; [Seward Junction Lp] ClearviewHwy-3-W 10% spacing;
1.9" Radius, 0.8" Border, White on Green;
[Co Rd 260] ClearviewHwy-3-W 10% spacing; Standard Arrow Custom 10.0" X 6.1" 0°;

SHEET 10 OF 10 SIGN #5



2	12/22/2020	NEW SHEET - ADDED SIGNS	
DATE	REVISIONS	RECOM'D	



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SEWARD JUNCTION
SOUTHEAST

SMALL SIGN DETAILS

SHEET 4 OF 4

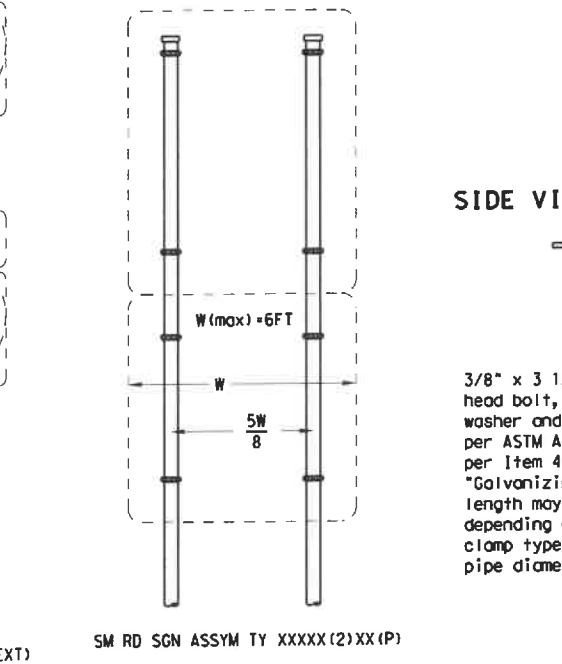
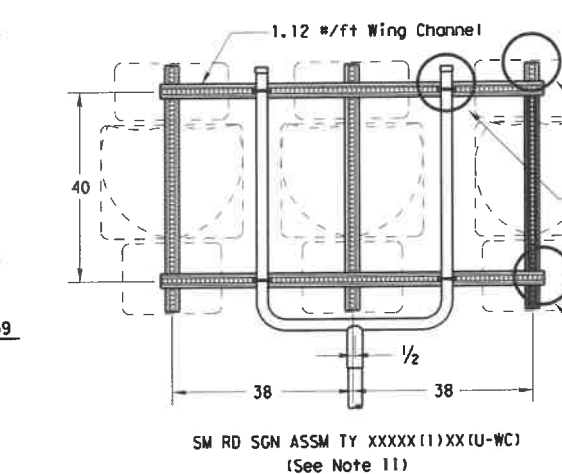
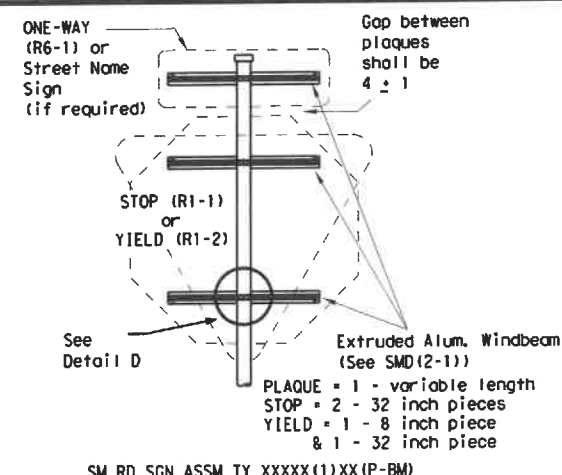
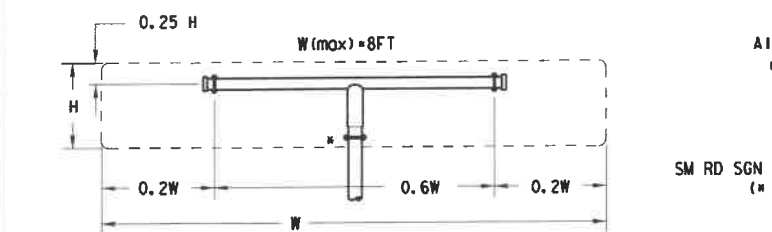
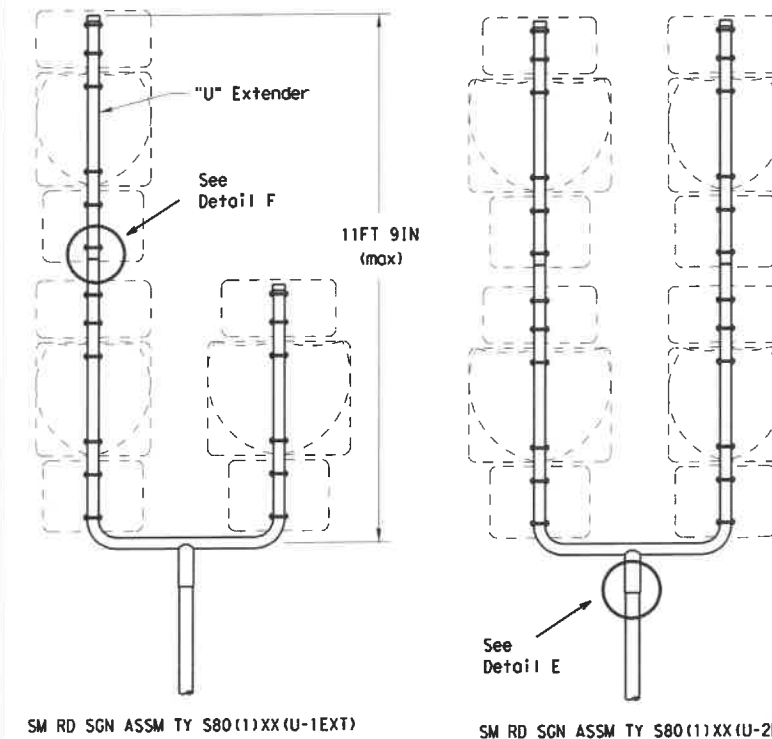
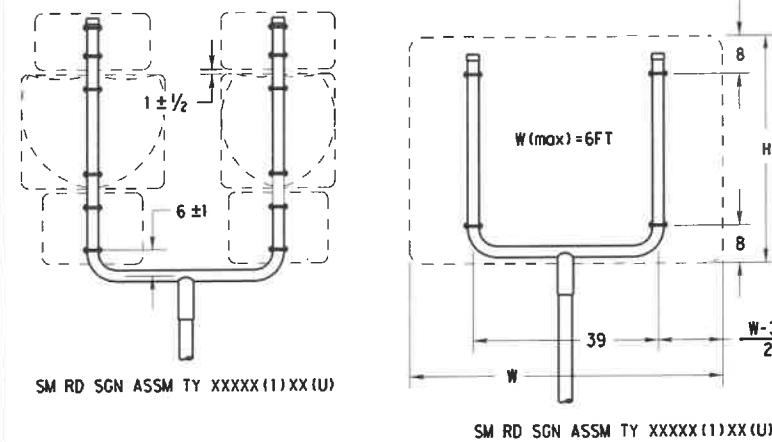
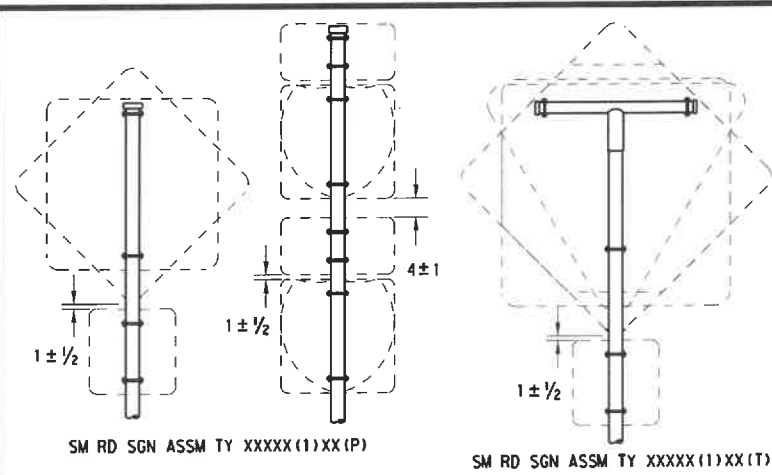
DN:	RAW	FED. RD. DIV. NO.	STATE	PROJECT NO.	HIGHWAY NO.
CK DN:	JRM	6	TEXAS		259/266
DW:	TJR	STATE DIST. NO.	COUNTY	CONTROL SECTION NO.	JOB NO.
CK DW:	JRM	AUS	WILLIAMSON		234c

1/6/2021

c:\pw-of-pw-of-prod\ar\yn.fic@aguirre-fields.com\d0137920\269011SSD04.dgn

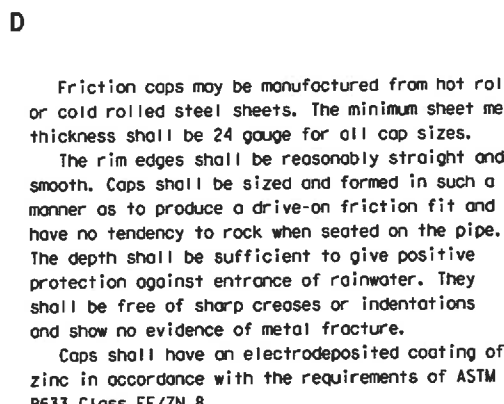
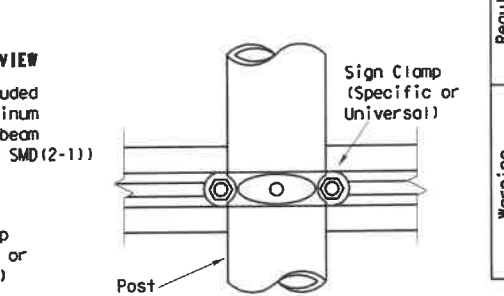
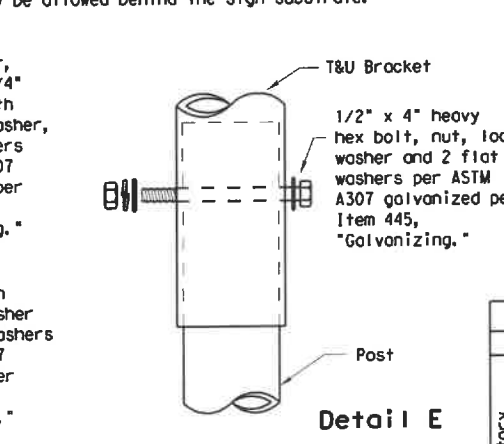
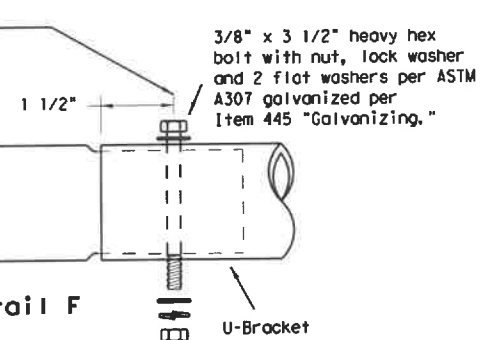
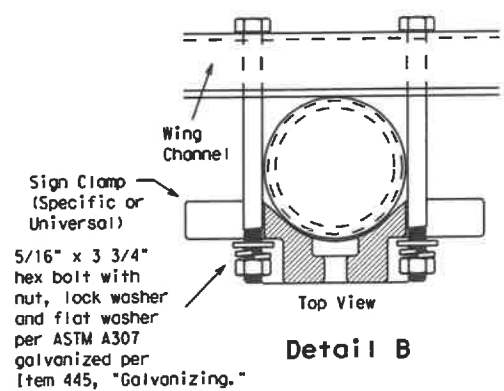
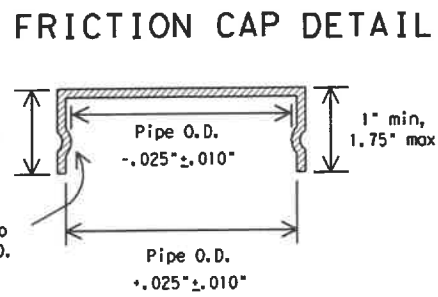
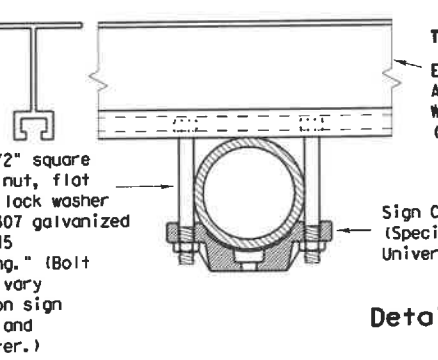
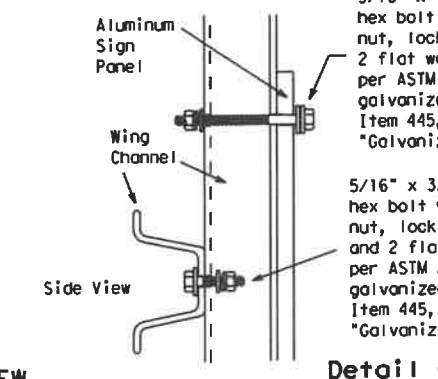
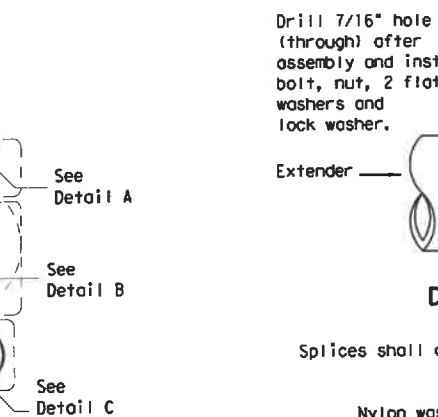
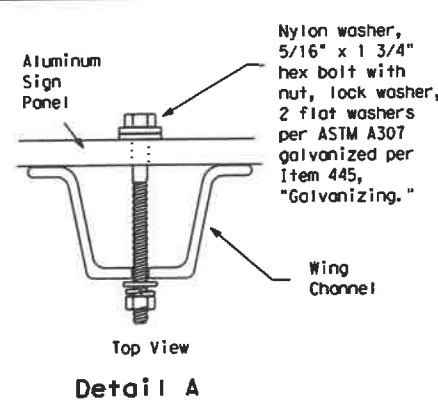
The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the conversion of this standard to other formats or for incorrect results or damages resulting from its use.

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.



All dimensions are in english unless detailed otherwise.

SM RD SGN ASSM TY XXXXX(1)XX(T) (* - See Note 12)



- GENERAL NOTES:
1. SIGN SUPPORT # OF POSTS MAX. SIGN AREA
10 BWG 1 16 SF
10 BWG 2 32 SF
Sch 80 1 32 SF
Sch 80 2 64 SF
 2. The Engineer may require that a Schedule 80 post be used in place of a 10 BWG where a sign height is abnormally high due to a fill slope.
 3. Sign supports shall not be spliced except where shown. Sign support posts shall not be spliced.
 4. Aluminum sign blanks shall conform to Departmental Material Specifications DMS-7110 and shall have the following minimum thicknesses: 0.080 for signs less than 7.5 sq. ft., 0.100 for signs 7.5 to 15 sq. ft., and 0.125 for signs greater than 15 sq. ft.
 5. Signs that require specific supports due to reasons in addition to windloading are indicated on the "REQUIRED SUPPORT" table on this sheet.
 6. For horizontal rectangular signs fabricated from flat aluminum, T-brackets are used for signs 24 inches or less in height. U-brackets are used for signs of greater height.
 7. When two triangular slipbase supports are used to support a single sign, they shall not be "rigidly" connected to each other except through the sign panel. This will allow each support to act independently when impacted by an errant vehicle.
 8. Wing channel shall meet ASTM A 1011 SS Gr 50 and be galvanized per ASTM A 123.
 9. Excess pipe, wing channel, or windbeam shall be cut off so that it does not extend beyond the sign panel (i.e., excess support shall not be visible when the sign is viewed from the front.) Repair galvanized coating at cut support ends per Item 445, "Galvanizing."
 10. Additional route markers may be added vertically, provided the total sign area does not exceed the maximum allowable amount per Note 1.
 11. Additional sign clamp required on the "T-bracket" post for 24 inch height signs. Place the clamp 3 inches above bottom of sign when possible.
 12. Post open ends shall be fitted with Friction Caps.
 13. Sign blanks shall be the sizes and shapes shown on the plans.

REQUIRED SUPPORT		
SIGN DESCRIPTION		SUPPORT
Regulatory	48-inch STOP sign (R1-1)	TY 10BWG(1)XX(T) TY 10BWG(1)XX(P-BM)
	60-inch YIELD sign (R1-2)	TY 10BWG(1)XX(T) TY 10BWG(1)XX(P-BM)
	48x16-inch ONE-WAY sign (R6-1)	TY 10BWG(1)XX(T) TY 10BWG(1)XX(P-BM)
	36x48, 48x36, and 48x48-inch signs	TY 10BWG(1)XX(T)
Warning	48x60-inch signs	TY S80(1)XX(T)
	48x48-inch signs (diamond or square)	TY 10BWG(1)XX(T)
	48x60-inch signs	TY S80(1)XX(T)
	48-inch Advance School X-ing sign (S1-1)	TY 10BWG(1)XX(T)
	48-inch School X-ing sign (S2-1)	TY 10BWG(1)XX(T)
Large Arrow sign (W1-6 & W1-7)		TY 10BWG(1)XX(T)

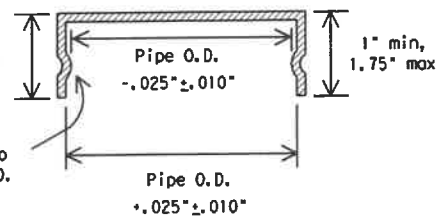
Texas Department of Transportation
Traffic Operations Division

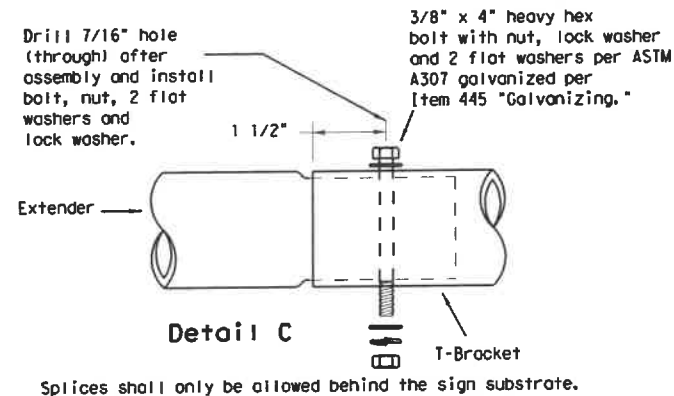
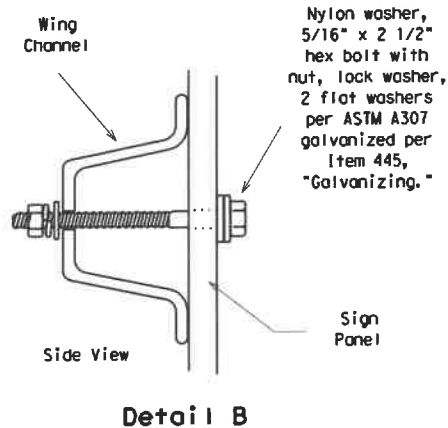
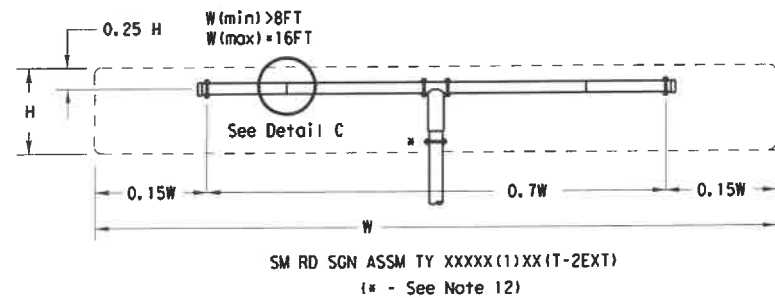
SIGN MOUNTING DETAILS SMALL ROADSIDE SIGNS TRIANGULAR SLIPBASE SYSTEM SMD (SLIP-2) -08

© TxDOT July 2002	DN: TxDOT	CK: TxDOT	DN: TxDOT	CK: TxDOT
9-08	REVISIONS	CONT	SECT	JOB
				HIGHWAY
		DIST	COUNTY	SHEET NO.
		AUS	WILLIAMSON	247b

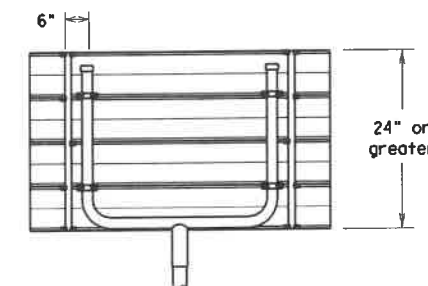
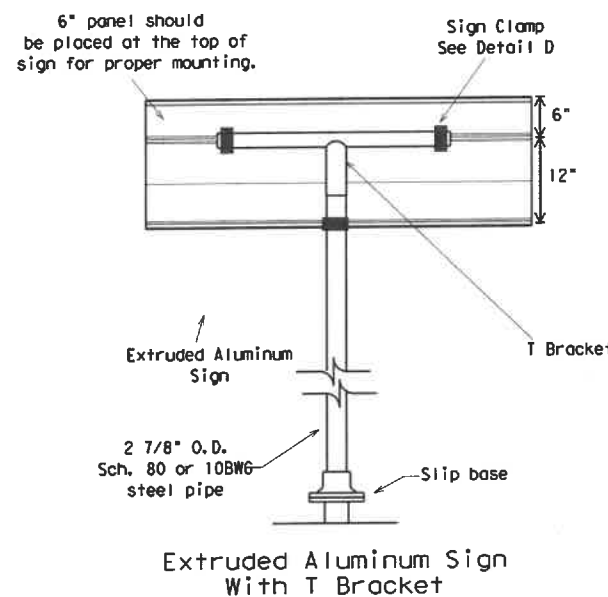
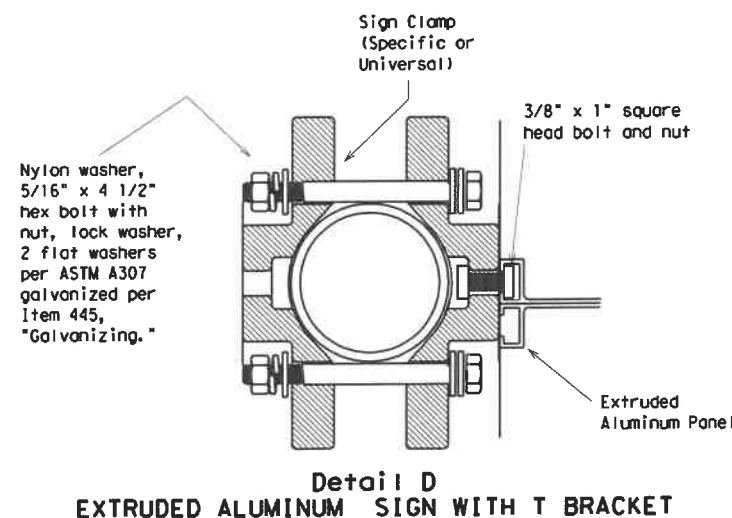
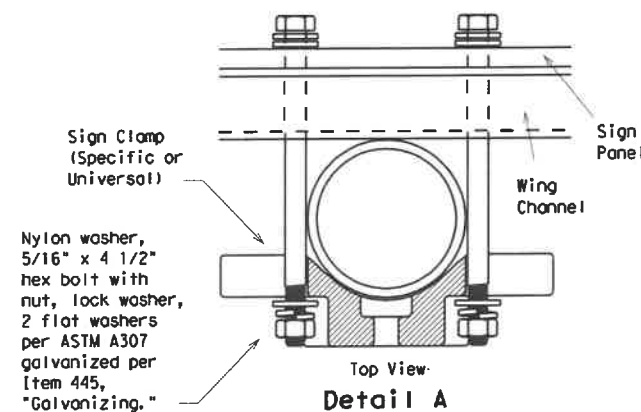
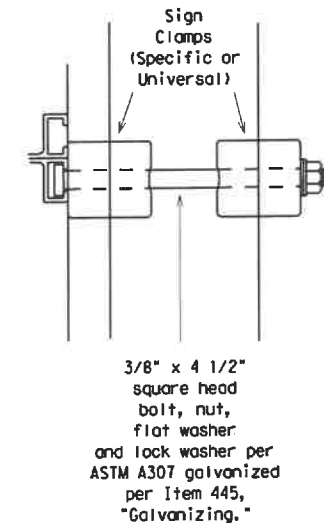
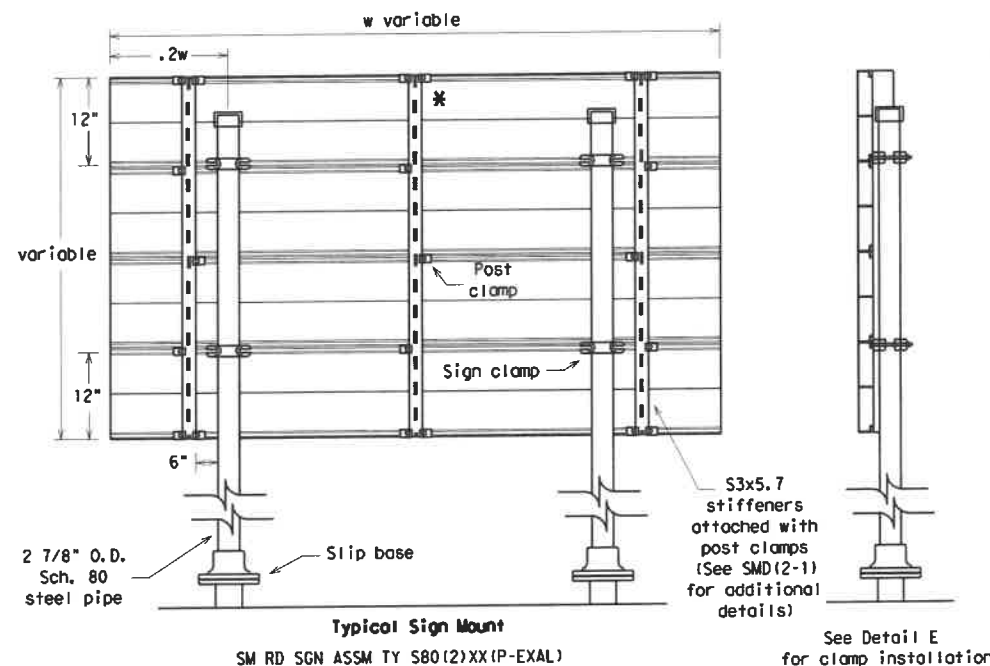
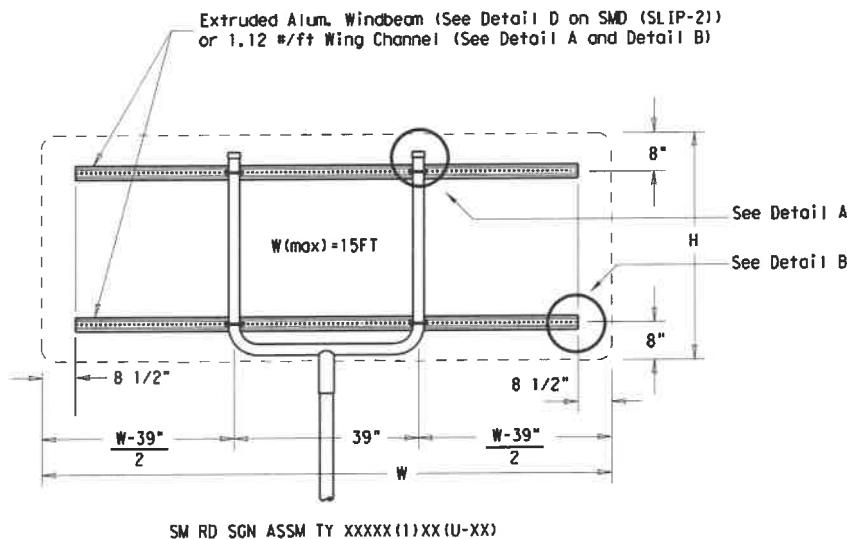
Friction caps may be manufactured from hot rolled or cold rolled steel sheets. The minimum sheet metal thickness shall be 24 gauge for all cap sizes. The rim edges shall be reasonably straight and smooth. Caps shall be sized and formed in such a manner as to produce a drive-on friction fit and have no tendency to rock when seated on the pipe. The depth shall be sufficient to give positive protection against entrance of rainwater. They shall be free of sharp creases or indentations and show no evidence of metal fracture. Caps shall have an electrodeposited coating of zinc in accordance with the requirements of ASTM B633 Class FE/ZN 8.

±.05" Skirt Variation Depth





- GENERAL NOTES:**
1. SIGN SUPPORT * OF POSTS MAX. SIGN AREA
10 BWG 1 16 SF
10 BWG 2 32 SF
Sch 80 1 32 SF
Sch 80 2 64 SF
 2. The Engineer may require that a Schedule 80 post be used in place of a 10 BWG where a sign height is abnormally high due to a fill slope.
 3. Sign supports shall not be spliced except where shown. Sign support posts shall not be spliced.
 4. Aluminum sign blanks shall conform to Departmental Material Specifications DMS-7110 and shall have the following minimum thicknesses: 0.080 for signs less than 7.5 sq. ft., 0.100 for signs 7.5 to 15 sq. ft., and 0.125 for signs greater than 15 sq. ft.
 5. Signs that require specific supports due to reasons in addition to windloading are indicated on the "REQUIRED SUPPORT" table on this sheet.
 6. For horizontal rectangular signs fabricated from flat aluminum, T-brackets are used for signs 24 inches or less in height. U-brackets are used for signs of greater height.
 7. When two triangular slipbase supports are used to support a single sign, they shall not be "rigidly" connected to each other except through the sign panel. This will allow each support to act independently when impacted by an errant vehicle.
 8. Wing channel shall meet ASTM A 1011 SS Gr 50 and be galvanized per ASTM A 123.
 9. Excess pipe, wing channel, or windbeam shall be cut off so that it does not extend beyond the sign panel (i.e., excess support shall not be visible when the sign is viewed from the front.) Repair galvanized coating at cut support ends per Item 445, "Galvanizing."
 10. Sign blanks shall be the sizes and shapes shown on the plans.
 11. Additional sign clamp required on the "T-bracket" post for 24 inch high signs. Place the clamp 3 inches above bottom of sign when possible.
 12. Post open ends shall be fitted with Friction Caps.



Use Extruded Alum. Windbeam as stiffeners See SMD (2-1) for additional details
See Detail E for clamp installation

REQUIRED SUPPORT		
SIGN DESCRIPTION		SUPPORT
Regulatory	48-inch STOP sign (R1-1)	TY 10BWG(1)XX(T) TY 10BWG(1)XX(P-BM)
	60-inch YIELD sign (R1-2)	TY 10BWG(1)XX(T) TY 10BWG(1)XX(P-BM)
	48x16-inch ONE-WAY sign (R6-1)	TY 10BWG(1)XX(T) TY 10BWG(1)XX(P-BM)
	36x48, 48x36, and 48x48-inch signs	TY 10BWG(1)XX(T)
	48x60-inch signs	TY 10BWG(1)XX(T)
Warning	48x48-inch signs (diamond or square)	TY 10BWG(1)XX(T)
	48x60-inch signs	TY S80(1)XX(T)
	48-inch Advance School X-ing sign (S1-1)	TY 10BWG(1)XX(T)
	48-inch School X-ing sign (S2-1)	TY 10BWG(1)XX(T)
	Large Arrow sign (W1-6 & W1-7)	TY 10BWG(1)XX(T)

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		SUMMARY OF SIGNING AND MARKING ITEMS											
SIGNING & MARKING PLAN SHEET NO.	LOCATION	644 6001	644 6004	644 6060	644 6061	644 6027	644 6030	644 6033	658 6046	658 6059	666 6003	666 6006	
		IN SM RD SN SUP&AM TY10BWG(1) SA(P)	IN SM RD SN SUP&AM TY10BWG(1) SA(T)	IN SM RD SN SUP&AM TYTWT(1)WS (P)	IN SM RD SN SUP&AM TYTWT(1)WS (T)	IN SM RD SN SUP&AM TYS80(1)SA (P)	IN SM RD SN SUP&AM TYS80(1)SA (T)	IN SM RD SN SUP&AM TYS80(1)SA (U)	INSTL OM ASSM (OM- 2X)(WC)GND	INSTL OM ASSM (OM- 4)(FLX)GND	REFL PAV MRK TY I (W)4"(BRK) (100MIL)	REFL PAV MRK TY I (W)4"(DOT) (100MIL)	
		EA	EA	EA	EA	EA	EA	EA	EA	EA	LF	LF	
1 OF 6	SIGNING AND MARKING PLAN	2	2	1			2						
2 OF 6	SIGNING AND MARKING PLAN	1							2				
3 OF 6	SIGNING AND MARKING PLAN												
4 OF 6	SIGNING AND MARKING PLAN			2					4		544	559	
5 OF 6	SIGNING AND MARKING PLAN		1	4		3		1	1		526	431	
6 OF 6	SIGNING AND MARKING PLAN	1								6	23		
PROJECT TOTALS:		4	3	8	0	5	2	1	7	6	1093	990	

		SUMMARY OF SIGNING AND MARKING ITEMS										
SIGNING & MARKING PLAN SHEET NO.	LOCATION	666 6303	666 6036	666 6042	666 6048	666 6054	666 6078	666 6120	666 6315	666 6147	672 6009	672 6007
		RE PM W/RET REQ TY I (W)4"(SLD) (100MIL)	REFL PAV MRK TY I (W)8"(SLD) (100MIL)	REFL PAV MRK TY I (W)12"(SLD) (100MIL)	REFL PAV MRK TY I (W)24"(SLD) (100MIL)	REFL PAV MRK TY I (W)(ARROW)(100MIL)	REFL PAV MRK TY I (W)(WORD)(1 00MIL)	REFL PAV MRK TY I (Y)4"(BRK) (100MIL)	RE PM W/RET REQ TY I (Y)4"(SLD) (100MIL)	REFL PAV MRK TY I (Y)24"(SL D)(100MIL)	REFL PAV MRKR TY II-A-A	REFL PAV MRKR TY I-C
		LF	LF	LF	LF	EA	EA	LF	LF	LF	EA	EA
1 OF 6	SIGNING AND MARKING PLAN	1811	150		122	7	6		1046		53	
2 OF 6	SIGNING AND MARKING PLAN	190				2	2	3011	3679		34	
3 OF 6	SIGNING AND MARKING PLAN		300			2	2	3985	3985			
4 OF 6	SIGNING AND MARKING PLAN	514				1	1	3605	4088			14
5 OF 6	SIGNING AND MARKING PLAN	1558	445	461	128	5	4		29			61
6 OF 6	SIGNING AND MARKING PLAN	605		353			2		195	40		
PROJECT TOTALS:		4678	895	814	250	17	17	10601	13013	40	87	75

658-6078 INSTL OM ASSM (OM-4) (TWT) (WAS)
Quantity 6 ea.


TRAFFIC CONTROL PLAN & PROFILE SHEET NO.	LOCATION	SUMMARY OF TRAFFIC CONTROL ITEMS
		502 6001
		BARRICADES, SIGNS AND TRAFFIC HANDLING
		MO
SHEET 1 OF 2		
SHEET 2 OF 2		
PROJECT TOTALS:		10

REVISION DESCRIPTION	DATE	BY	REV. NO.	PM REVISIONS
	1/12/21	BRB	1	


K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

WILLIAMSON COUNTY
SEWARD JUNCTION SW

STRIPING AND TRAFFIC CONTROL QUANTITIES



K FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)



WILLIAMSON COUNTY
1848

WILLIAMSON COUNTY

SCALE AS NOTED

DATE 1/12/2021

SHEET NUMBER 15 OF 266

SUMMARY OF SMALL SIGNS

Clear Sheet
Copy Sheet

SMA RD SGN ASSM TY XXXXX (X) XX (X-XXXX)

SUMMARY OF SMALL SIGNS						Clear Sheet		SMA RD SGN ASSM TY XXXXX (X) XX (X-XXXX)				
						Copy Sheet						
PLAN SHEET NO.	SIGN NO.	SIGN NOMENCLATURE	SIGN TEXT	DIMENSIONS	ALUMINUM TYPE A	ALUMINUM TYPE G	Post Type	Posts (1 or 2)	Anchor Type		Mounting Designation	
									UA = Univer-Conc UB = Univer-Bolt WA = Wedge-Conc SA = Slip-Conc SB = Slip-Bolt WS = Wedge Steel WP = Wedge Plastic U = Prefab "U"	P = Prefab. "Plain" T = Prefab. "T"	1EXT or 2EXT = # of Ext. BM = Extruded Wind Beam WC = 1.12 #/ft Wing Chan. EXAL = Extruded Alum. Signs	
129	1	D21-1TR	SEWARD JUNCTION LOOP CR 213	24" x 90"	x		10BWG	1	SA	T		
	2	R3-7R	RIGHT LANE MUST TURN RIGHT	36" x 36"	x		TWT	1	WS	P		
	3	R1-1	STOP	36" x 36"	x		10BWG	1	SA	P		
		W4-4P	CROSS TRAFFIC DOES NOT STOP	24" x 12"	x							
		D3-1G	CR 213	12" x 42"	x							
	4	D3-1G	SH 29	12" x 36"	x		S80	1	SA	T		
		R3-5R	ONLY	48" x 60"	x							
		R1-1	STOP	36" x 36"	x							
	5	W4-4P	CROSS TRAFFIC DOES NOT STOP	24" x 12"	x		10BWG	1	SA	P		
		D3-1G	SEWARD JUNCTION LP	12" x 42"	x							
D3-1G		SH 29	12" x 36"	x								
130	6	D21-1R	SEWARD JUNCTION LOOP CR 213	24" x 90"	x		10BWG	1	SA	T		
	7	R3-7R	RIGHT LANE MUST TURN RIGHT	36" x 36"	x		TWT	1	WS	P		
	8	R3-5R	ONLY	48" x 60"	x		S80	1	SA	T		
	9	R2-1	SPEED LIMIT XX	24" x 30"	x		TWT	1	WS	P		
	10	R3-8VAR	ONLY ONLY	36" x 30"	x		10BWG	1	SA	P		
	11	R2-1	SPEED LIMIT XX	24" x 30"	x		TWT	1	WS	P		
	12	D21-1	CR 263	12" x 48"	x		S80	1	SA	P	BM	
		R1-1	STOP	48" x 48"	x							
132	12	D3-1G	SEWARD JUNCTION LOOP	12" x 42"	x		10BWG	1	WS	P		
	13	D3-1G	CR 263	12" x 42"	x		TWT	1	WS	P		
	14	R3-7R	RIGHT LANE MUST TURN RIGHT	36" x 36"	x		TWT	1	WS	P		
	15	R3-8VAR	ONLY ONLY	66" x 30"	x		10BWG	1	SA	T		
	16	R3-5R	ONLY	36" x 36"	x		TWT	1	WS	P		
	17	R1-1	STOP	48" x 48"	x		S80	1	SA	P	BM	
		D3-1G	US 183	42" x 12"	x							
		D3-1G	SEWARD JUNCTION LOOP	12" x 42"	x							
	133	18	W4-4P	CROSS TRAFFIC DOES NOT STOP	24" x 12"	x		TWT	1	WS	P	
		19	W9-2L	LANE ENDS MICRO LEFT	36" x 36"	x		TWT	1	WS	P	
20		D21-1TL	CR 263	12" x 48"	x		S80	1	SA	P	BM	
		R1-1	STOP	48" x 48"	x							
		D3-1G	US 183	42" x 12"	x							
21		D3-1G	SEWARD JUNCTION LOOP	12" x 42"	x		S80	1	SA	P	BM	
		W4-4P	CROSS TRAFFIC DOES NOT STOP	24" x 12"	x							
		M3-1	NORTH	24" x 12"	x							
22		M1-4	183	30" x 24"	x		S80	1	SA	U		
		M6-3	183	30" x 24"	x							
	M3-3	SOUTH	24" x 12"	x								
	M1-4	183	30" x 24"	x								
134	23	M6-1	183	30" x 24"	x		10BWG	1	SA	P		
	24	R3-8VAR	ONLY ONLY	36" x 30"	x		S80	1	SA	P	BM	
	25	R1-1	STOP	36" x 36"	x		S80	1	SA	P	BM	
		D3-1G	CR 263	42" x 12"	x							
		D3-1G	FALCON LANE	48" x 12"	x							
	26	R1-1	STOP	36" x 36"	x		S80	1	SA	P	BM	
		D3-1G	CR 263	42" x 12"	x							
		D3-1G	FALCON LANE	48" x 12"	x							

ALUMINUM SIGN BLANKS (TYPE A)
Square Ft. Min. Thickness
Less than 7.5 0.080"
7.5 to 15 0.100"
Greater than 15 0.125"

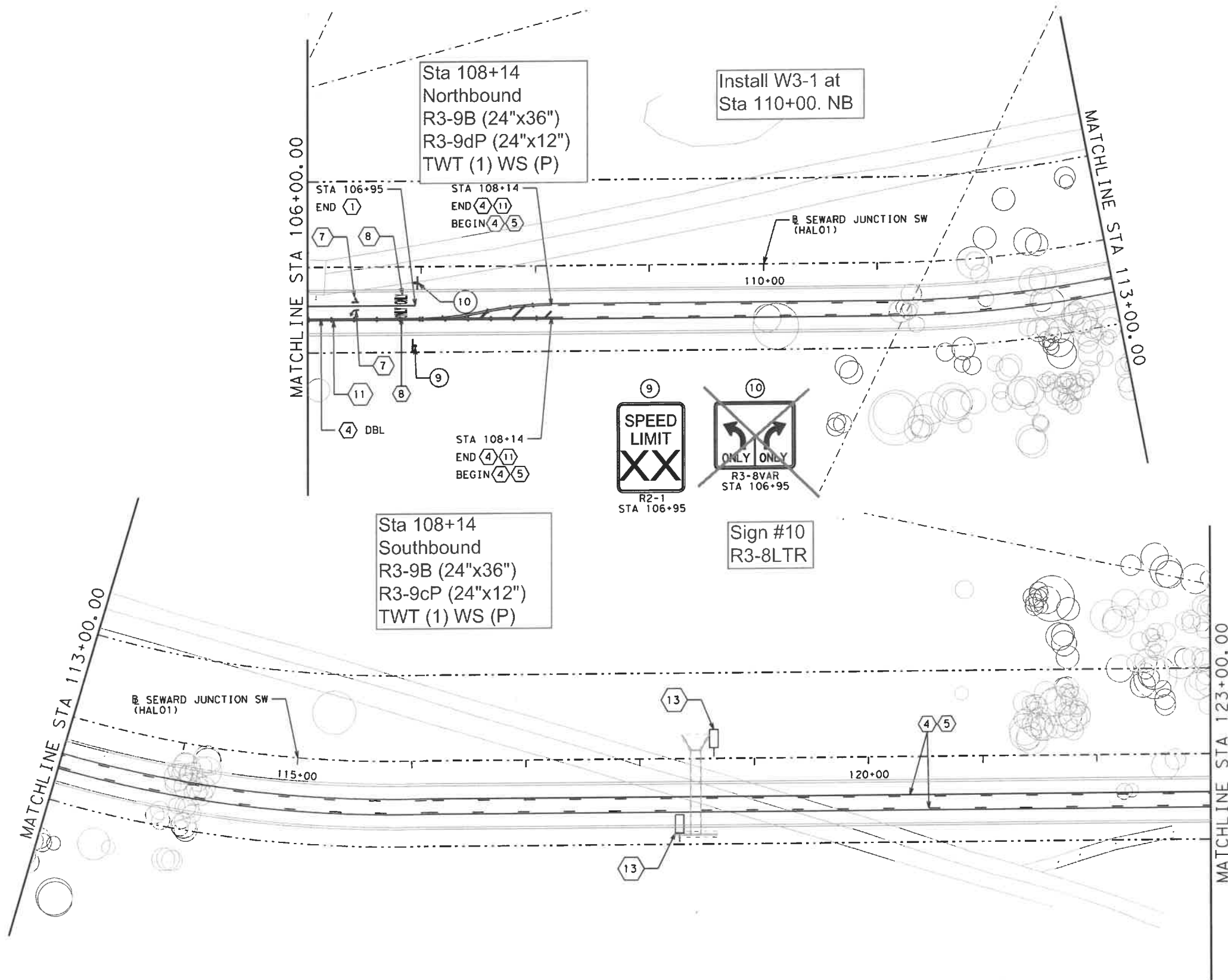
Sign supports shall be located as shown on the plans, except that the Engineer may shift the sign supports, within design guidelines, where necessary to secure a more desirable location or to avoid conflict with utilities. Unless otherwise shown on the plans, the Contractor shall stake and the Engineer will verify all sign support locations.



K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746
WILLIAMSON COUNTY
SEWARD JUNCTION SW
SUMMARY OF SMALL SIGNS

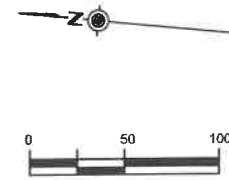


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LEGEND

- PROPOSED R.O.W.
- PROPOSED EOP
- EXISTING EOP
- EXISTING PARCELS
- BI-DIRECTIONAL DELINEATOR
- SIGN
- OBJECT MARKER

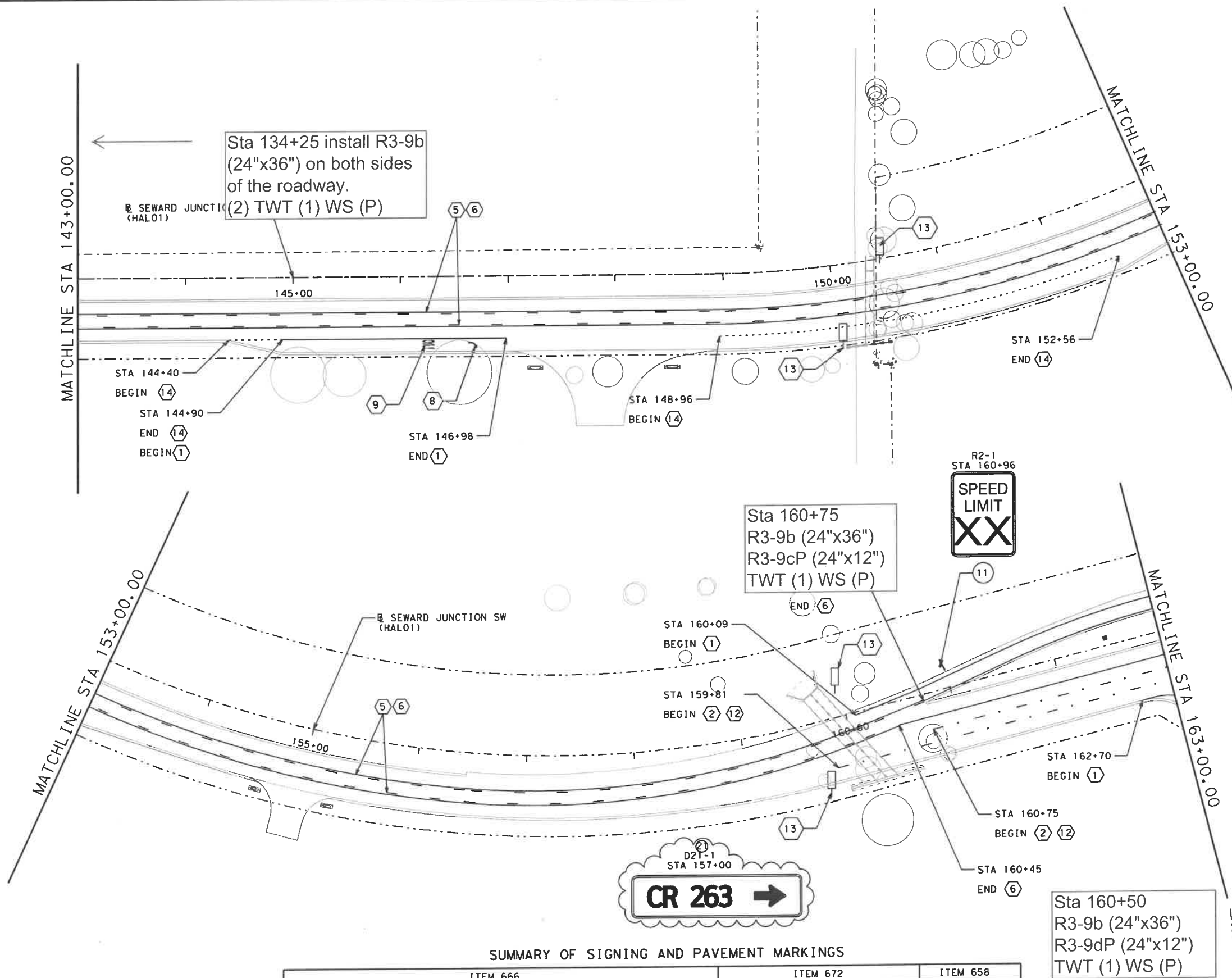


SUMMARY OF SIGNING AND PAVEMENT MARKINGS

ITEM 666								ITEM 672		ITEM 658
REFLECTIVE PAVEMENT MARKINGS								RAISED PVT MRK		INST OM ASSM
①	②	③	④	⑤	⑥	⑦	⑧	⑪	⑫	⑬
4" WHITE SLD	8" WHITE SLD	24" WHITE SLD	4" YELLOW SLD	4" YELLOW BRK	24" YELLOW SLD	WHITE ARROW	WORD "ONLY"	CL B REFL TY II-A-A	CL B REFL TY I-C	(OM-2X) (WC) GND
LF	LF	LF	LF	LF	LF	EA	EA	EA	EA	EA
190	0	0	3,679	3,011	36	2	2	34	0	2

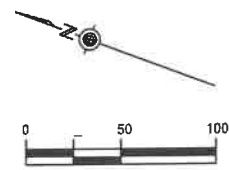
REVISION DESCRIPTION		DATE	BY	REV. NO.
PW REVISIONS		1/12/21	BRB	1
K FRIESE & ASSOCIATES, INC. 1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746				
WILLIAMSON COUNTY SEWARD JUNCTION SW SIGNING AND PAVEMENT MARKING PLAN SHEET 2 OF 6				
WILLIAMSON COUNTY				
SCALE	AS NOTED			
DATE	1/12/2021			
SHEET NUMBER	130 OF 266			

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LEGEND

- PROPOSED R.O.W.
- PROPOSED EOP
- EXISTING EOP
- EXISTING PARCELS
- BI-DIRECTIONAL DELINEATOR
- DELINEATOR
- SIGN
- OBJECT MARKER



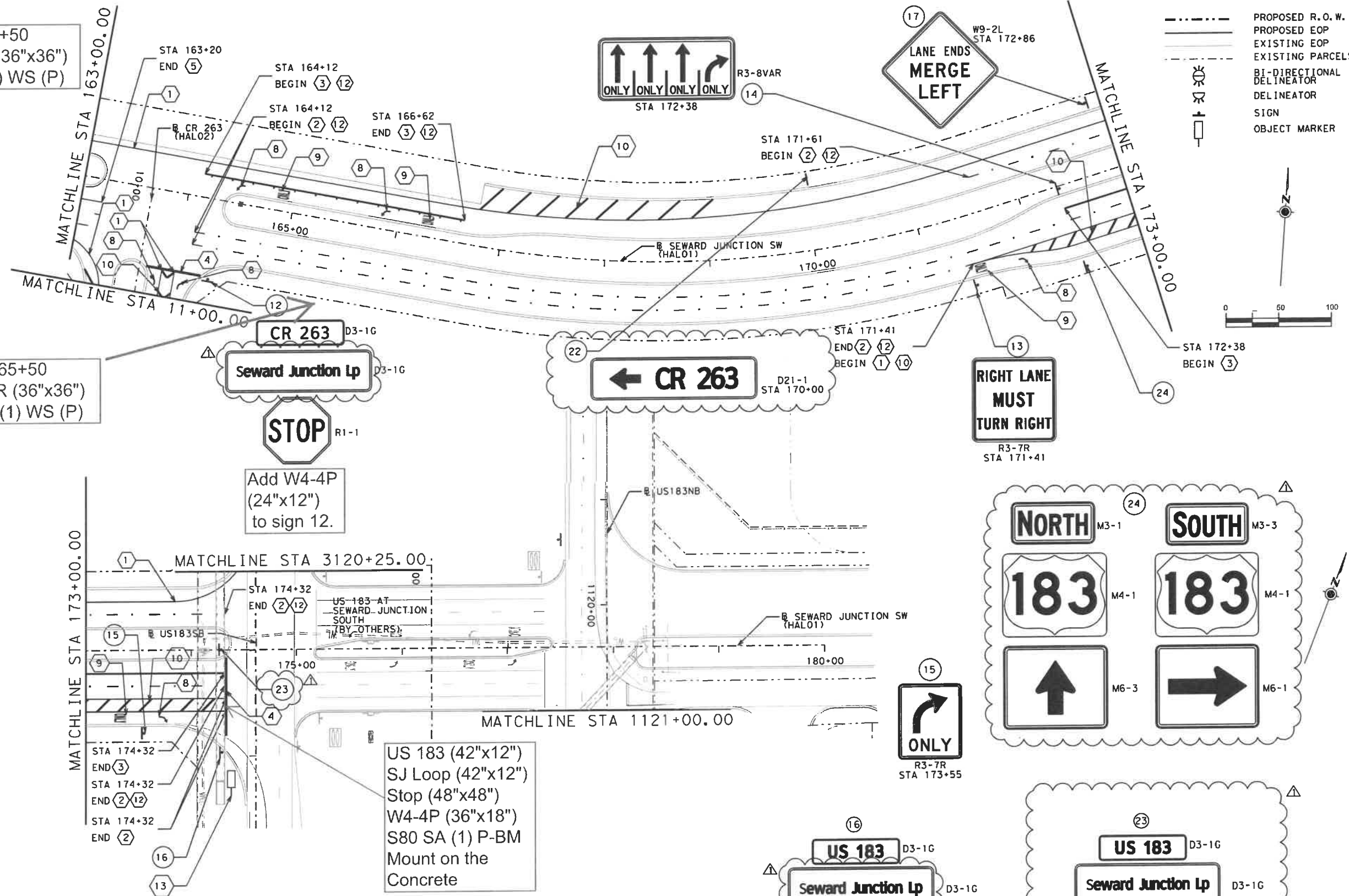
ITEM 666										ITEM 672		ITEM 658
REFLECTIVE PAVEMENT MARKINGS										RAISED PVT MRK		INST OM ASSM
(1)	(2)	(14)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(11)	(12)	(13)
4" WHITE SLD	4" WHITE BKN	4" WHITE DOT	8" WHITE SLD	24" WHITE SLD	4" YELLOW SLD	4" YELLOW BRK	24" YELLOW SLD	WHITE ARROW	WORD "ONLY"	CL B REFL TY 11-A-A	CL B REFL TY 11-C	(OM-2X) (WC) GND
LF	LF	LF	LF	LF	LF	LF	LF	EA	EA	EA	EA	EA
514	544	431	0	0	4,088	3,605	0	1	1	0	14	4

REVISION DESCRIPTION		DATE	BY	REV.
PM REVISIONS		1/12/21	BR	1
K FRIESE & ASSOCIATES, INC. 1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746				
WILLIAMSON COUNTY SEWARD JUNCTION SW SIGNING AND PAVEMENT MARKING PLAN SHEET 4 OF 6				
WILLIAMSON COUNTY				
SCALE		AS NOTED		
DATE		1/12/2021		
SHEET NUMBER		132 OF 266		

X:\Projects\0589-Seward Junction SW Construction Phase\DWG\Sheets\0380 PM 05.dgn modified by RBell on 1/12/2021 - 10:37:40 AM

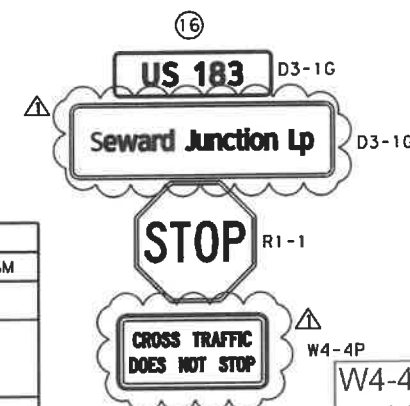
Sta 163+50
W1-4L (36"x36")
TWT (1) WS (P)

Sta 165+50
R3-7R (36"x36")
TWT (1) WS (P)

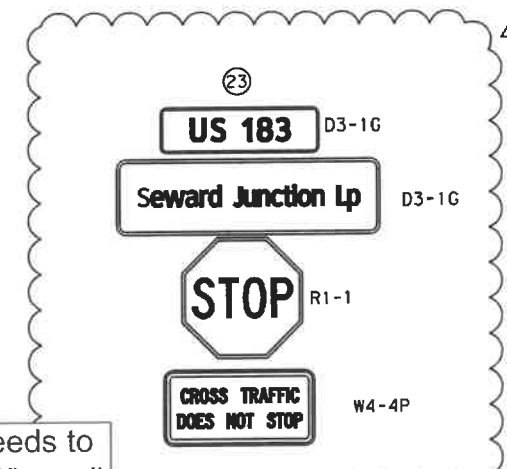


SUMMARY OF SIGNING AND PAVEMENT MARKINGS

ITEM 666										ITEM 672		ITEM 658
REFLECTIVE PAVEMENT MARKINGS										RAISED PVT MRK		INST OM ASSM
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
4" WHITE SLD	4" WHITE BKN	8" WHITE SLD	24" WHITE SLD	4" YELLOW SLD	4" YELLOW BRK	24" YELLOW SLD	WHITE ARROW	WORD "ONLY"	12" WHITE SLD	CL B REFL TY II-A-A	CL B REFL TY I-C-R	(OM-2X) (WC) GND
LF	LF	LF	LF	LF	LF	LF	EA	EA	LF	EA	EA	EA
1,558	526	445	128	20	0	0	5	4	461	0	61	1

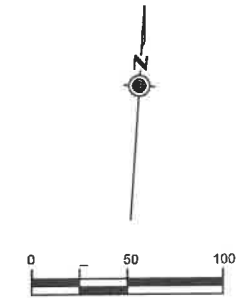


W4-4P needs to be 36"x18" on all stop signs.



LEGEND

- PROPOSED R.O.W.
- PROPOSED EOP
- EXISTING EOP
- EXISTING PARCELS
- BI-DIRECTIONAL DELINEATOR
- DELINEATOR
- SIGN
- OBJECT MARKER



REVISION DESCRIPTION
DATE
BY
NO.

1 1/12/21
BRE

STATE OF TEXAS
B. RYAN BELL
92578
LICENSED PROFESSIONAL ENGINEER
1/12/2021

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

WILLIAMSON COUNTY
SEWARD JUNCTION SW

SIGNING AND PAVEMENT MARKING PLAN
SHEET 5 OF 6

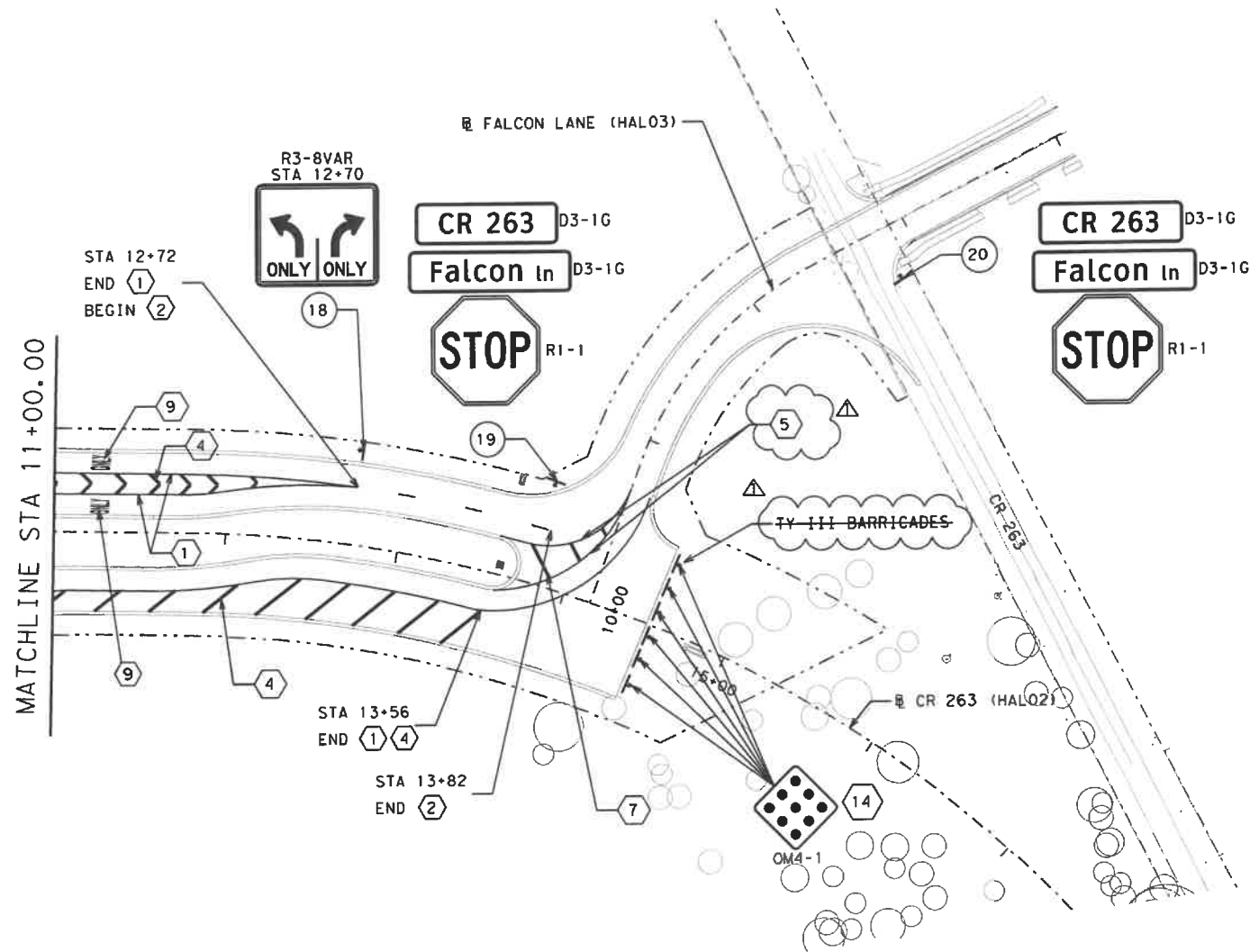
K FRIESE & ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)



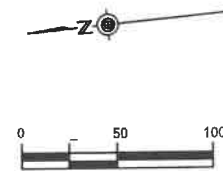
WILLIAMSON COUNTY

SCALE	AS NOTED
DATE	1/12/2021
SHEET NUMBER	133 OF 266

X:\Projects\0559-Seward Junction SW Construction Phase\CDM\Sheets\0390 PM 06.dgn modified by RBell on 1/12/2021 - 10:37:44 AM

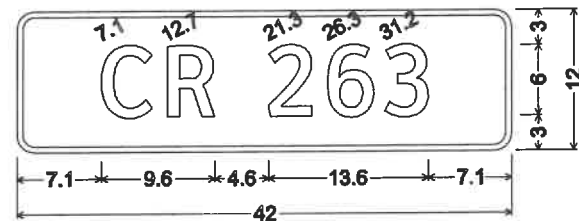


LEGEND	
---	PROPOSED R.O.W.
---	PROPOSED EOP
---	EXISTING EOP
---	EXISTING PARCELS
---	BI-DIRECTIONAL DELINEATOR
---	DELINEATOR
---	SIGN
---	OBJECT MARKER

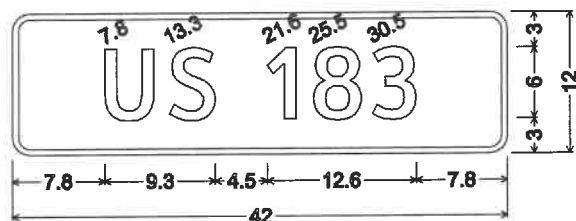


ITEM 666									ITEM 672		ITEM 658	ITEM 658
REFLECTIVE PAVEMENT MARKINGS									RAISED PVT MRK		INST OM ASSM	INST OM ASSM
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑪	⑫	⑬	⑭
4" WHITE SLD	4" WHITE BKN	8" WHITE SLD	12" WHITE SLD	4" YELLOW SLD	4" YELLOW BRK	12" YELLOW SLD	WHITE ARROW	WORD "ONLY"	CL B REFL TY II-A-A	CL B REFL TY I-C	(OM-2X) (WC) GND	(OM-4) (TWT) (WAS)
LF	LF	LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA
605	23	0	353	195	0	40	0	2	0	0	0	6

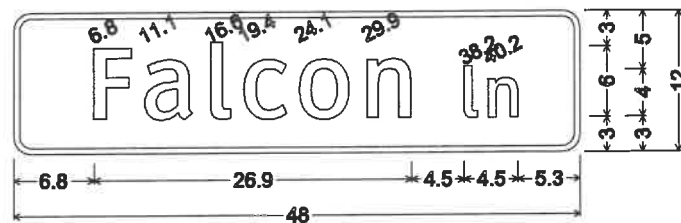
REVISION DESCRIPTION		REV	BY	DATE
PM REVISIONS		1	BR	1/12/21
K FRIESE & ASSOCIATES, INC. 1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746				
WILLIAMSON COUNTY SEWARD JUNCTION SW SIGNING AND PAVEMENT MARKING PLAN SHEET 6 OF 6				
WILLIAMSON COUNTY				
SCALE		AS NOTED		
DATE		1/12/2021		
SHEET NUMBER		134 OF 266		



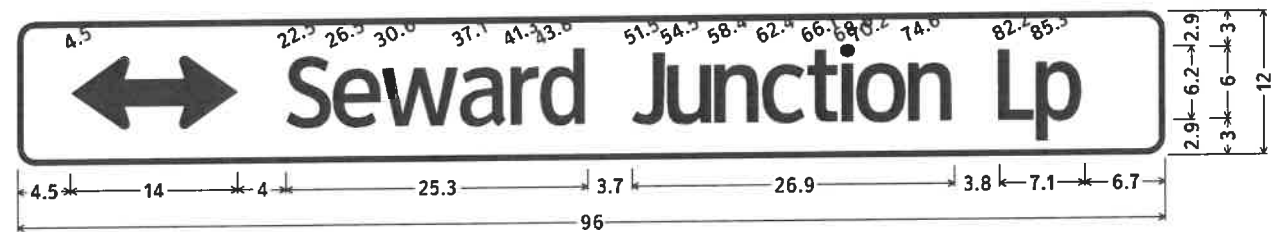
D3-1G(1) 6in;
1.5" Radius, 0.5" Border, White on Green;
"CR 263" Clearview Hwy-3-W;



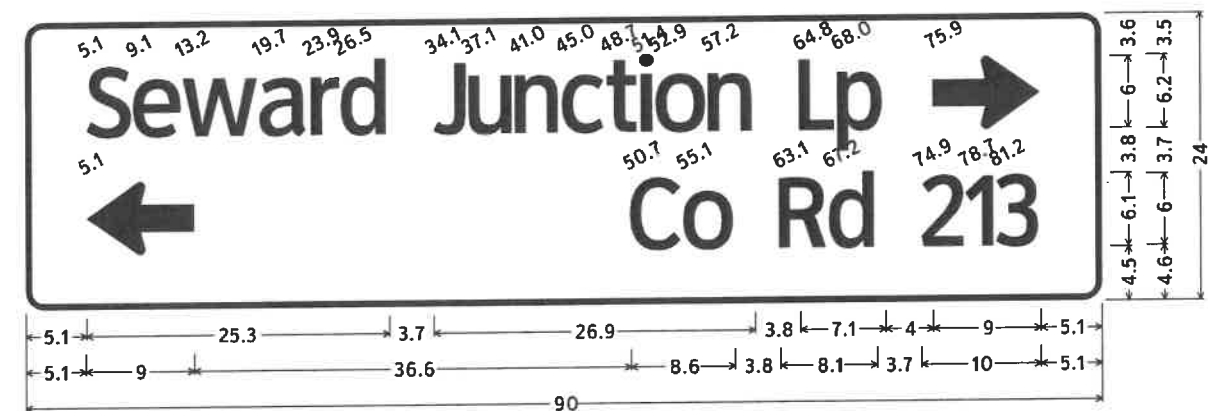
D3-1G(1) 6in;
1.5" Radius, 0.5" Border, White on Green;
"US 183" Clearview/Hwy-3-W;



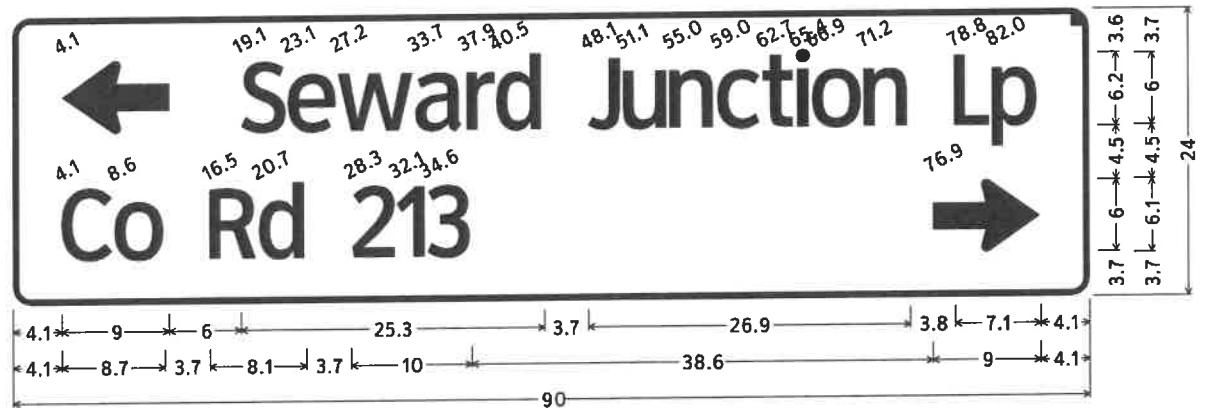
**D3-1G(1) 6In; 1.5" Radius, 0.5" Border, White on Green;
"Falcon" ClearviewHwy-3-W; "In" ClearviewHwy-3-W;**



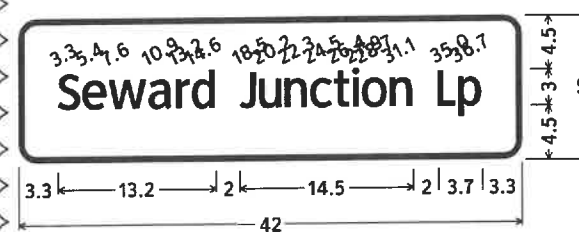
D21-1TDBL_VARx12;
1.5" Radius, 0.5" Border, White on, Green;
Double Headed Arrow Custom - 14.0" O"; "Seward Junction Lp", ClearviewHwy-3-W 10% spacing;



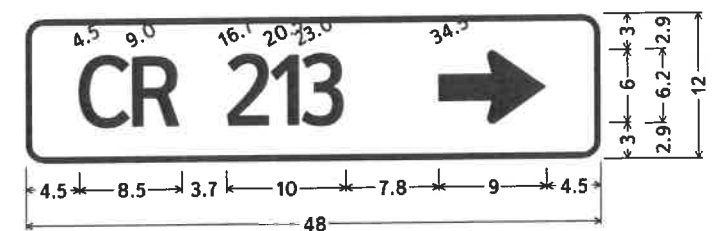
D21-1TR_VARx12;
1.5" Radius, 0.5" Border, White on, Green;
"Seward Junction Lp", ClearviewHwy-3-W 10% spacing; Standard Arrow Custom 9.0" X 6.1" 0';
Standard Arrow Custom 9.0" X 6.1" 180'; "Co Rd 213", ClearviewHwy-3-W 10% spacing;



D21-1TL_VARx12;
1.5" Radius, 0.5" Border, White on, Green;
Standard Arrow Custom 9.0" X 6.1" 180"; "Seward Junction Lp", ClearviewHwy-3-W 10% spacing;
"Co Rd 213", ClearviewHwy-3-W 10% spacing; Standard Arrow Custom 9.0" X 6.1" 0";



D3-1G(1) 6in;
1.5" Radius, 0.5" Border, White on, Green;
"Seward Junction Lp", ClearviewHwy-3-W 30% spacing;



D21-1TR_VARx12;
1.5" Radius, 0.5" Border, White on, Green;
"CR 213", ClearviewHwy-3-W 10% spacing;
Standard Arrow Custom 9.0" X 6.1" 0';

[illegible]