

Fort Bend County Engineering
FORT BEND COUNTY, TEXAS

Richard W. Stolleis, P.E.
County Engineer

January 29, 2019

Commissioner Vincent M. Morales
Fort Bend County Precinct 1
1517 Eugene Heimann Circle, Suite 300
Richmond, Texas 77469

RE: Temporary Road Closure – Rawson Road between S Richwood Drive and Old Richmond Road for Union Pacific Railroad crossing reconstruction.

Dear Commissioner:

The Union Pacific Railroad is requesting temporary road closure of Rawson Road between S Richwood Drive and Old Richmond Road, pursuant to Section 251.011 of the Texas Transportation Code, in order to reconstruct the Rawson Road at-grade crossing. The request for temporary road closure is for a period of 48 hours between February 18, 2019, and March 16, 2019, pending weather.

The request will be placed on the February 12, 2019, Commissioners Court agenda. The detour and traffic control plan are attached.

Should you have any questions please do not hesitate to call me at 281-633-7515.

Sincerely,

Chris Debaillon, PE, PTOE
Assistant County Engineer - Traffic

Attachments

cc: Mr. Wesley Crawford, FBC Engineering
Mr. Brian Fields, FBC Road & Bridge
File

301 Jackson St., Suite 401, Richmond, TX 77469
Phone 281-633-7500



Temporary Road Closure at Rawson Road & Old Richmond Road at grade crossing On Monday February 18th 7 AM to Tuesday February 19th 2019 5 PM.

Grade crossing at the intersection of Rawson Road and Old Richmond Road will be temporarily closed to traffic from Monday February 18th 7 AM to Tuesday February 19th 2019 till 5 pm. The road is closed to install culvert pipes, reconstruct railroad crossings. Before the closure temporary traffic control signs, boards will be placed to coordinate the traffic. All Traffic control devices and installation shall be in accordance with the latest edition of the Texas Manual of Uniform Traffic Control Devices (MUTCD)

The traffic control plan signed & stamped by a Texas PE is submitted as well.

If these works do not proceed on the above date, the back-up date for these works is Wednesday, February 20th 2019.

For any concerns on the day of the works please contact the area manager Justin Brewer on (909)677-6407.

If you would like any further details please contact Site Superintendent Jim Scollard on (909)269-1465.

Sachin Konandur

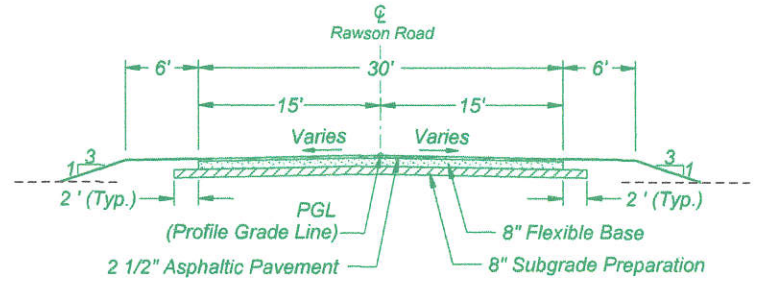
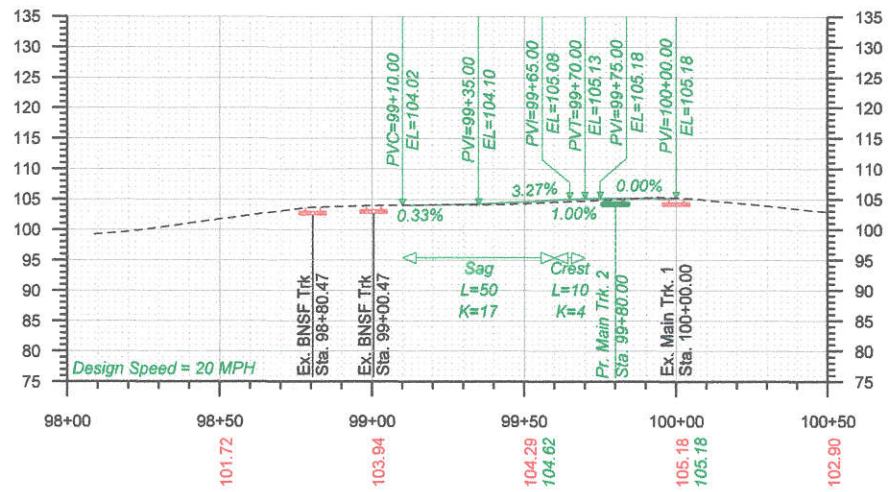
Project engineer

Allen Engineering Contractors

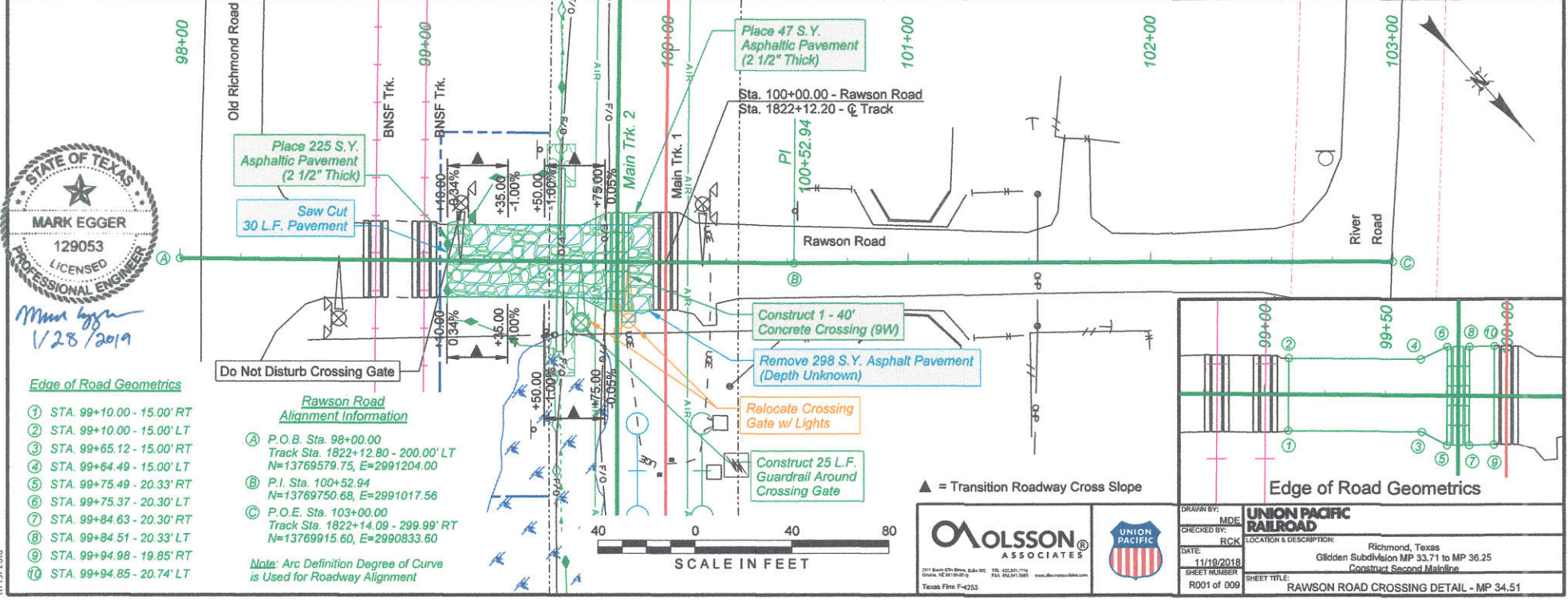
Cell: - (909)-269-2873

Email: - skonandur@allenec.com

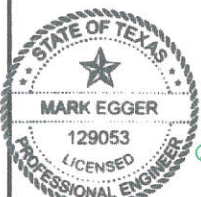
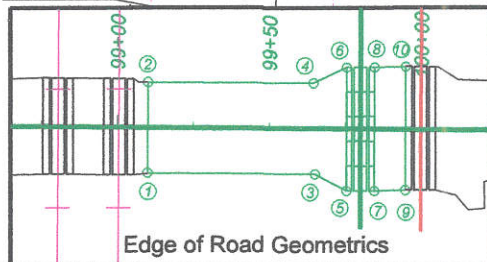
Date:- 01/29/2019



Rawson Road Typical Section
Scale 1" = 10'



- Edge of Road Geometrics**
- ① STA. 99+10.00 - 15.00' RT
 - ② STA. 99+10.00 - 15.00' LT
 - ③ STA. 99+65.12 - 15.00' RT
 - ④ STA. 99+64.49 - 15.00' LT
 - ⑤ STA. 99+75.49 - 20.33' RT
 - ⑥ STA. 99+75.37 - 20.30' LT
 - ⑦ STA. 99+84.63 - 20.30' RT
 - ⑧ STA. 99+84.51 - 20.33' LT
 - ⑨ STA. 99+94.98 - 19.85' RT
 - ⑩ STA. 99+94.85 - 20.74' LT
- Rawson Road Alignment Information**
- A P.O.B. Sta. 98+00.00
Track Sta. 1822+12.80 - 200.00' LT
N=13769579.75, E=2991204.00
 - B P.I. Sta. 100+52.94
N=13769750.68, E=2991017.56
 - C P.O.E. Sta. 103+00.00
Track Sta. 1822+14.09 - 299.99' RT
N=13769915.60, E=2990833.60
- Note: Arc Definition Degree of Curve is Used for Roadway Alignment*



Mark Egger
1/28/2019

▲ = Transition Roadway Cross Slope



DRAWN BY: MDE	UNION PACIFIC RAILROAD LOCATION & DESCRIPTION: Richmond, Texas Glidden Subdivision MP 33.71 to MP 36.25 Construct Second Mainline
CHECKED BY: RCK	
DATE: 11/19/2018	
SHEET NUMBER: R001 of 009	
SHEET TITLE: RAWSON ROAD CROSSING DETAIL - MP 34.51	

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 11/19/2018

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 1/19/2018

NOTES

- 1) ALL TRAFFIC CONTROL DEVICES AND INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE TEXAS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- 2) SUFFICIENT TYPE III BARRICADES SHALL BE ERECTED TO ADEQUATELY CLOSE THE ENTIRE ROADWAY WIDTH AT THE RAILROAD CROSSING.
- 3) ALL EXISTING SIGNS IN CONFLICT WITH THE CONSTRUCTION SIGNS SHALL BE COVERED IN PLACE, AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL UNCOVER SIGNS WHEN CONSTRUCTION IS COMPLETE, AS DIRECTED BY THE ENGINEER.
- 4) ALL NON-REGULATORY CONSTRUCTION SIGNS SHALL HAVE BLACK LETTERS ON AN ORANGE BACKGROUND, EXCEPT AS OTHERWISE NOTED.
- 5) FLAGS SHALL BE INSTALLED ON ALL CONSTRUCTION SIGNS WITH TYPE A FLASHING WARNING LIGHTS.
- 6) ALL SIGNS MOUNTED ON SPRING STANDS SHALL HAVE A MINIMUM MOUNTING HEIGHT OF 2' OFF THE PAVEMENT.
- 7) CONSTRUCTION ENTRANCE AHEAD SIGNS SHALL BE PLACED IN ADVANCE OF ALL TEMPORARY CONSTRUCTION ACCESS LOCATIONS AND AS DIRECTED BY THE ENGINEER.
- 8) PLACE VMS SIGNS 5 DAYS PRIOR TO CROSSING CLOSURE.
- 9) CONTRACTOR TO COORDINATE CLOSURE WITH THE CITY OF ROSENBERG, CITY OF RICHMOND, AND LAMAR CONSOLIDATED ISD (LCSID) 14 DAYS PRIOR TO BEGINNING WORK.
- 10) CONTRACTOR SHALL PROVIDE THREE SEPARATE ROAD CLOSURES FOR EACH ROAD CROSSING:
 - A) FOR MAJOR ROADWAY WORK
 - B) FOR ROADWAY CUT OUT, TRACK CONSTRUCTION AND MECHANIZED TRACK SURFACING, RESURFACING, AND PLACING TRACK CROSSING PANELS.
 - C) FOR TRACK RESURFACING DUE TO POTENTIAL SETTLEMENT.

LEGEND

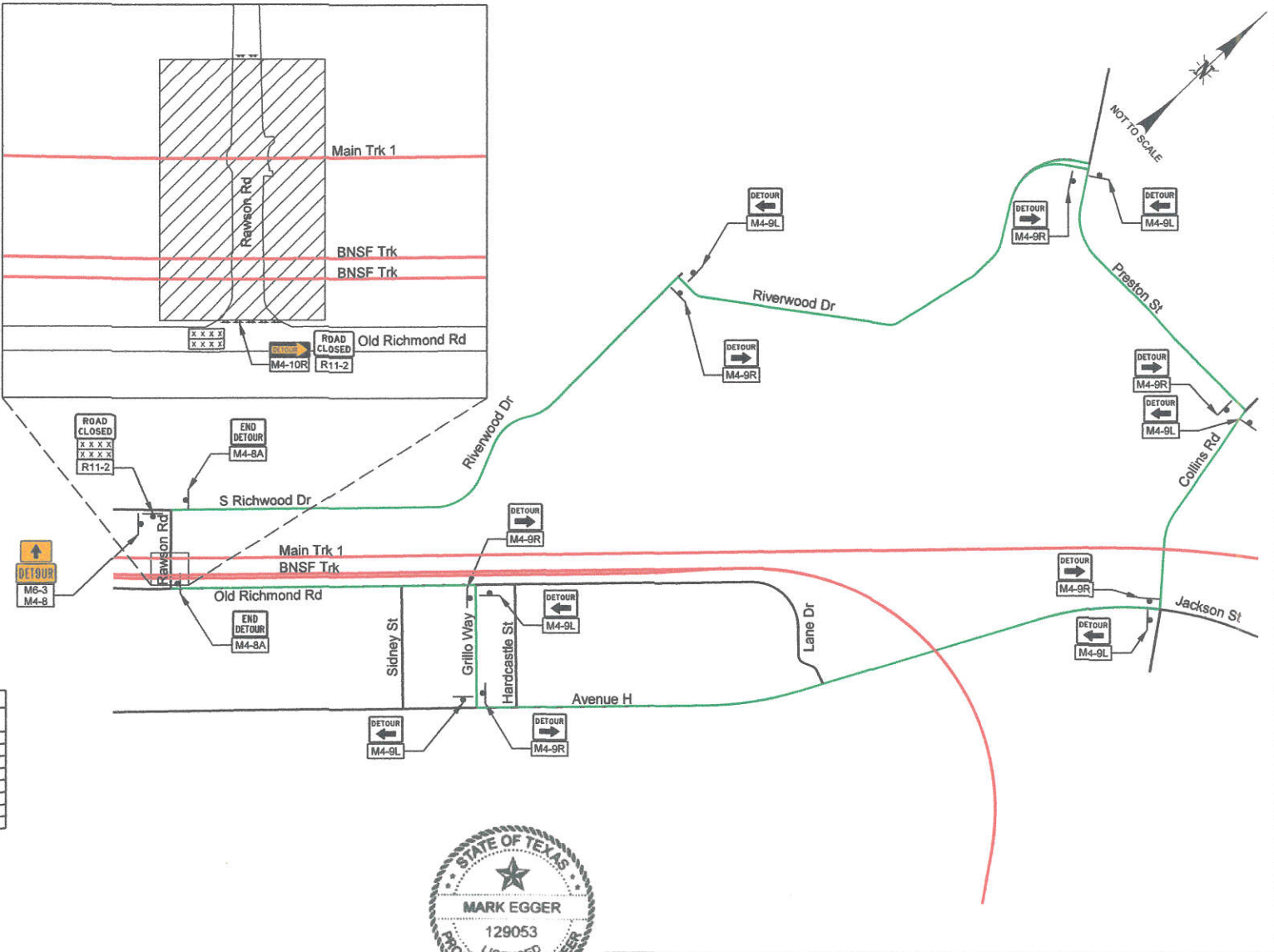
- VARIABLE MESSAGE BOARD
- CONSTRUCTION
- TYPE III BARRICADE
- SIGN
- DETOUR ROUTE

LIST OF TRAFFIC CONTROL DEVICES			
ITEM	MUTCD DEVICE NO.	SIZE	QTY
ROAD CLOSED (MOUNTED)	R11-2	48" X 30"	2
END DETOUR (MOUNTED)	M4-8a	24" X 18"	2
DETOUR (MOUNTED WITH ARROW)	M4-9	30" X 24"	12
DETOUR (RIGHT)	M4-10R	48" X 18"	1
DETOUR	M4-8	24" X 12"	1
UPWARD DIRECTIONAL ARROW	M6-3	21" X 15"	1
TYPE III BARRICADE		60" X 48"	14
VARIABLE MESSAGE BOARD		DAYS	30

MESSAGE: PHASE I
 LINE 1: RAWSON RD
 LINE 2: RR XING
 LINE 3: CLOSED

MESSAGE: PHASE II
 LINE 1: XX/XX
 LINE 2: TO
 LINE 3: XX/XX

(XX/XX INDICATES THE DATES OF CLOSURE)



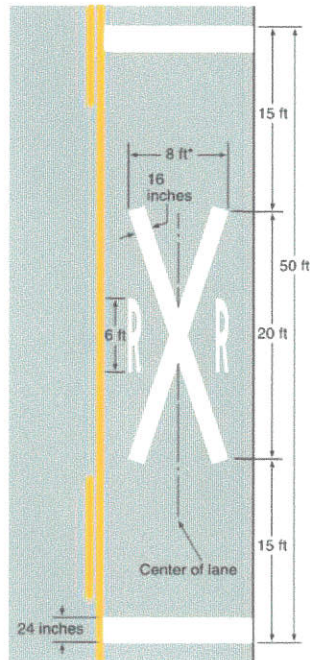
 OLSSON ASSOCIATES <small>2111 Ross St., Suite 640-050, Dallas, TX 75201-1715 Phone: 972-382-9273 Fax: 972-382-9285 www.olssonassociates.com</small> Texas Firm F-4253		DRAWN BY: MDE CHECKED BY: SAK DATE: 11/19/2018 SHEET NUMBER: R002 OF 009	UNION PACIFIC RAILROAD LOCATION & DESCRIPTION: Richmond, Texas Glidden Subdivision MP 33.71 to MP 36.25 Construct Second Mainline
		SHEET TITLE: RAWSON ROAD DETOUR	

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 11/19/2018

SIGN POST AND MOUNTING NOTES

1. ALL SIGN POSTS SHALL MEET CITY OF ROSENBERG STANDARDS AS SHOWN IN DRAWINGS M-3 AND M-5 ON SHEET R009.

GRADE CROSSING PAVEMENT MARKING



SIGNS (TYP.)

INFORMATIONAL SUMMARY OF TRAFFIC SIGNS *		
ITEM	MUTCD DEVICE NO.	QUANTITY
DO NOT STOP ON TRACKS	R8-8	4
GRADE CROSSING ADVANCE WARNING	W10-1	3
GRADE CROSSING RIGHT ADVANCE WARNING	W10-3R	1
GRADE CROSSING LEFT ADVANCE WARNING	W10-3L	1
STORAGE SPACE SYMBOL	W10-11	4
40 FEET BETWEEN TRACKS	W10-11c	4
40 FEET TO TRACKS BEHIND YOU	W10-11d	4

* NOTE: SIGN QUANTITIES INCLUDED IN THIS TABLE ARE SHOWN FOR INFORMATION ONLY. PAYMENT FOR THESE ITEMS SHALL BE MADE UNDER THE LUMP SUM LINE ITEM 'TRFC, SIGN'.

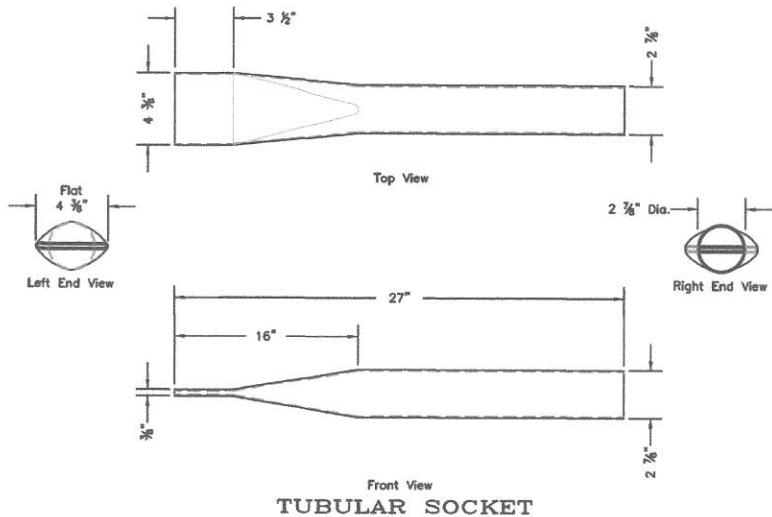
SIGNING AND PAVEMENT MARKING NOTES

1. ALL PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
2. IF THERE ARE ANY QUESTIONS OR DICREPANCIES IN THE PLANS CONCERNING PLACEMENT OF MARKINGS OR SIGNING, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR APPROVAL BEFORE PROCEEDING WITH WORK.
3. LANE WIDTHS ARE MEASURED FROM EDGE OF PAVEMENT TO CENTER OF MARKING LINE.
4. AT LOCATIONS WHERE NEW LANE MARKINGS INTERCEPT EXISTING LANE MARKINGS, CONTRACTOR SHALL TRANSITION MARKINGS TO ALIGN IF AN OFFSET EXISTS.
5. ALL MARKINGS INSTALLED SHALL BE THERMOPLASTIC UNLESS OTHERWISE STATED IN THE PLANS.

ALL SIGNS AND SIGN PLACEMENT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

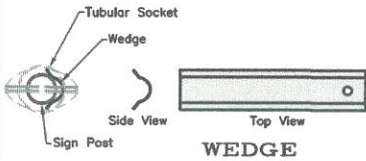


		DRAWN BY: MDE	UNION PACIFIC RAILROAD LOCATION & DESCRIPTION: Richmond, Texas Glidden Subdivision MP 33.71 to MP 36.25 Construct Second Mainline
		CHECKED BY: SAK	
DATE: 11/19/2018		SHEET NUMBER: R005 of 009	SHEET TITLE: PAVEMENT MARKING AND SIGNING DETAILS



NOTE:

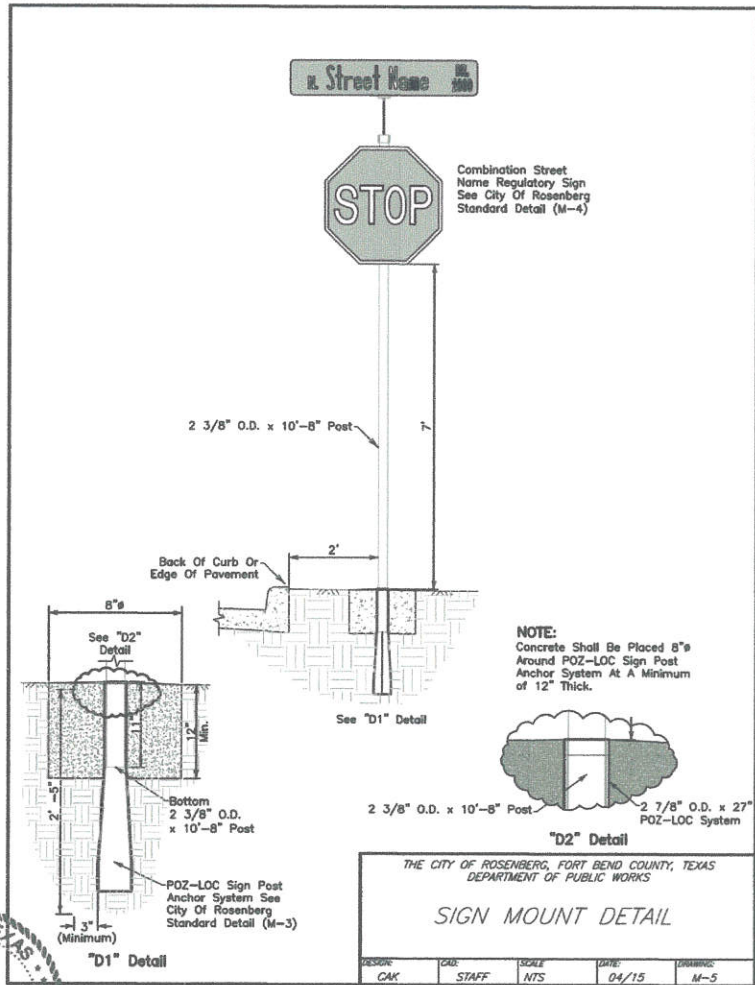
1. POZ-LOC Sign Post Anchor System consists of a Galvanized Traffic Post (2 3/8" O.D.) that may be ordered with Sign Brackets or with Pre-Punched 15 Hole Pattern, Tubular Socket (2 3/8" O.D. x 27" Long 12 Ga. Wall Thickness), Wedge (Locks Traffic Post Into Tubular Socket)
2. POZ-LOC Anchor System Tools needed to install or remove are Socket Driver, Drive Cap, and Wedge Puller.
3. To Install POZ-LOC Anchor System, with Drive Cap in place on end of Drive Socket drive the Tubular Socket into ground (orient flat end of socket parallel to sign face) using the Socket Driver (or mechanical hammer). Insert Sign Post into Tubular Socket and orient sign to roadway. Insert POZ-LOC Wedge with hole up, between Traffic Post and the Tubular Socket interior and drive the Wedge until the bottom of the hole is within 4" (four inches) of the Tubular Socket Rim. The Wedge Puller can be used if the Wedge needs to be removed by inserting it between Sign Post and Tubular Socket and driving it out.



THE CITY OF ROSENBERG, FORT BEND COUNTY, TEXAS
DEPARTMENT OF PUBLIC WORKS

POZ-LOC SIGN POST ANCHOR SYSTEM

DESIGNER: CAK	CAD: STAFF	SCALE: NTS	DATE: 11/10	DRAWING: M-3
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NOTE:
Concrete Shall Be Placed 8" Around POZ-LOC Sign Post Anchor System At A Minimum of 12" Thick.



Mark Egger
1/28/2019

		DRAWN BY: JTD	UNION PACIFIC RAILROAD LOCATION & DESCRIPTION: Richmond, Texas Glidden Subdivision MP 33.71 to MP 36.25 Construct Second Mainline
		CHECKED BY: RCK	
DATE: 11/19/2018		SHEET NUMBER: R009 of 009	
SHEET TITLE: ROSENBERG SIGN DETAILS			

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