



3803 Parkwood Blvd., Ste 800
 Frisco, Texas 75034
 (214) 618-4570
 Fax (214) 618-4574

September 17, 2018
 31595

Jeff Durham, P.E.
 Collin County Engineering Department
 4690 Community Ave., Suite 200
 McKinney, TX 75071

RE: Dallas North Tollway Southbound Frontage Road – Change Order #2

Dear Mr. Durham:

Halff recommends the following change order #2 modifications to the Dallas North Tollway Southbound Frontage Road project.

ADDITIONS								CONTRACT CHANGE	
ITEM NO.	DESC.	SP	ITEM DESCRIPTION	PREVIOUS QUANTITY	REVISION	REVISED QUANTITY	UNIT	UNIT COST	SUBTOTAL COST
39	462		CONC BOX CULV (6 FT X 4 FT)	995	1,346	2,341	LF	\$ 317.00	\$ 426,682.00
83	496		REMOV STR (SET)	2	2	4	EA	\$ 350.00	\$ 700.00
TOTAL ADDITIONS:									\$ 427,382.00
NET INCREASE / (DECREASE) THIS CHANGE ORDER									\$ 427,382.00

The attached revised sheets (250A, 250B, 250C) for Culvert W4 should be issued with this change order #2. We recommend the following wording also be included in the change order document;

Plan sheet 250 is hereby removed and replaced with attached sheets 250A, 250B and 250C. This change order is issued for the installation of 6' x 4' RCBC only. Changes to headwalls, inlets, and other drainage appurtenances that are depicted will be summarized and included in a future change order.

Should you have any questions or require any additional information, do not hesitate to contact me.

Sincerely,
 HALFF ASSOCIATES, INC.

Dennis Satre, P.E.
 Vice President

USER: ch2992

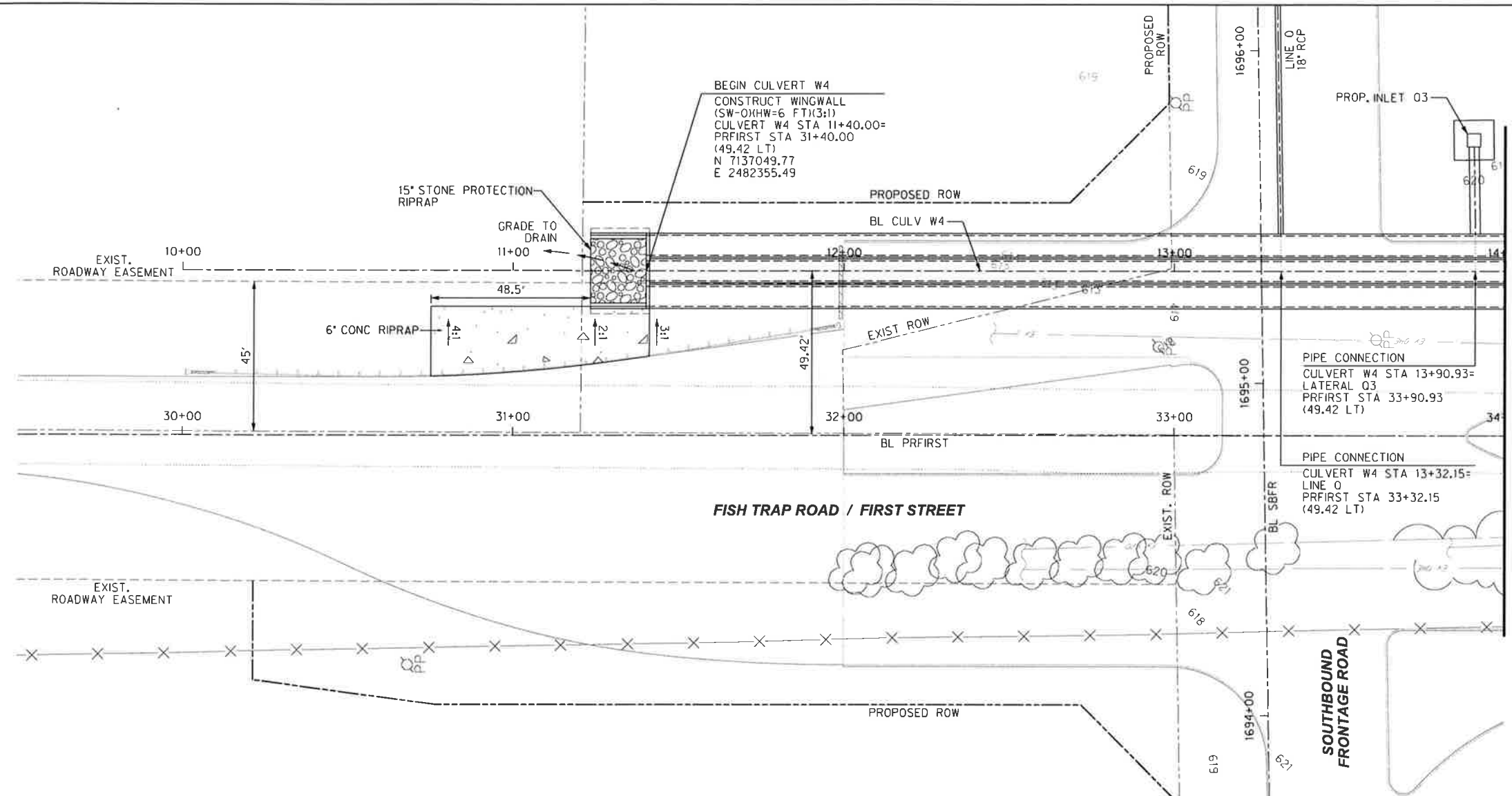
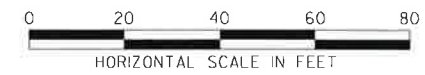
OFFICE: FRC

PROJECT # 34564

FILE: 34564-CULV02A.dgn

TIME: 8:38:25 AM

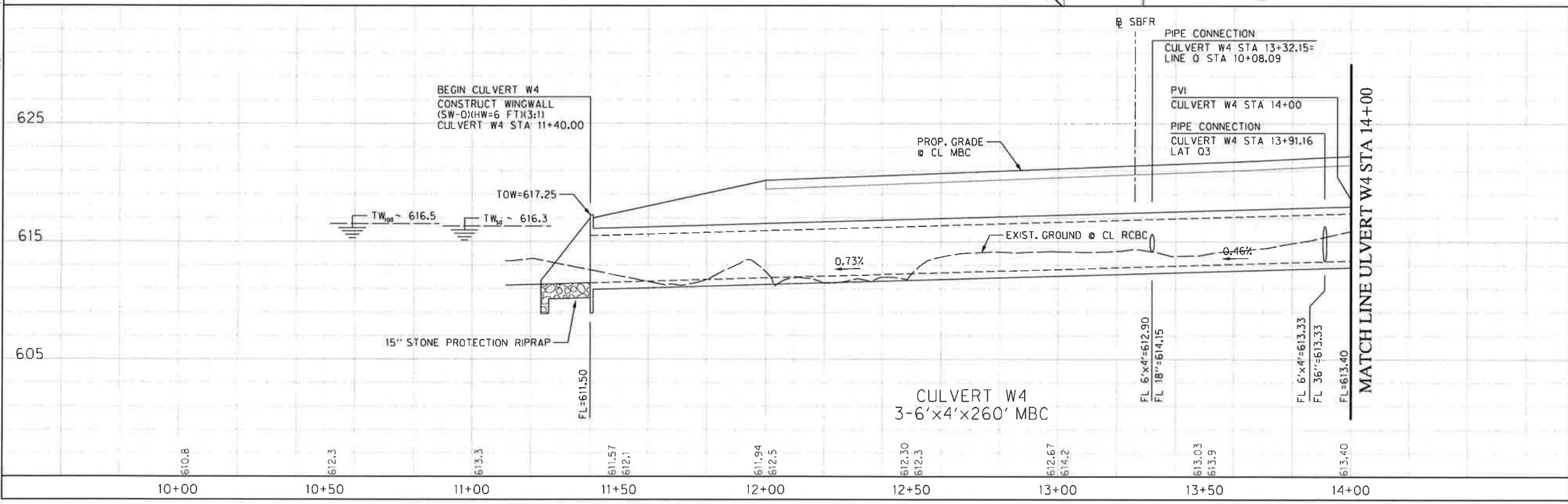
DATE: 9/17/2018



MATCH LINE FIRST STREET STA 34+00
CULVERT W4 STA 14+00

NOTES:

1. CONSTRUCT CAPS USING REINFORCED PRECAST CONCRETE SLAB, SUBSIDIARY TO CULVERT CONSTRUCTION, NO SEPARATE PAY ITEM.
2. CONSTRUCT CULVERT IN ACCORDANCE WITH TXDOT STANDARD SCP-6 AND FILL HEIGHT <=10.



MATCH LINE CULVERT W4 STA 14+00



The seal appearing on this document was authorized by Dennis D. Satre, PE#71590 on 09-14-18. Alteration of a sealed document without proper notification to the responsible engineer is an offense under the Texas Engineering Practice Act.

D. Satre

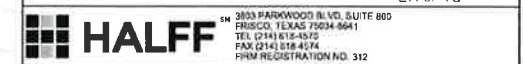
NO.	DATE	REVISION	APPROV.
1	9/04/18	Sheet Added, Replaces Sheet 250	

DALLAS NORTH TOLLWAY SBFR



CULVERT LAYOUT
CULVERT W4

2A OF 10

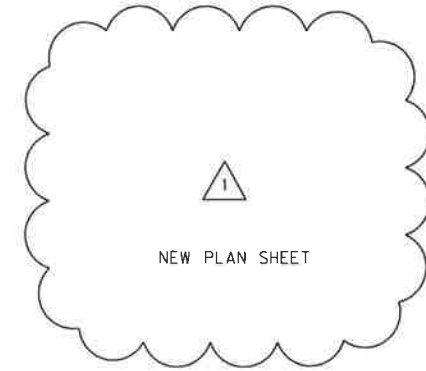
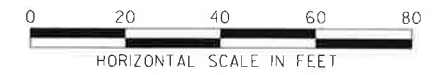
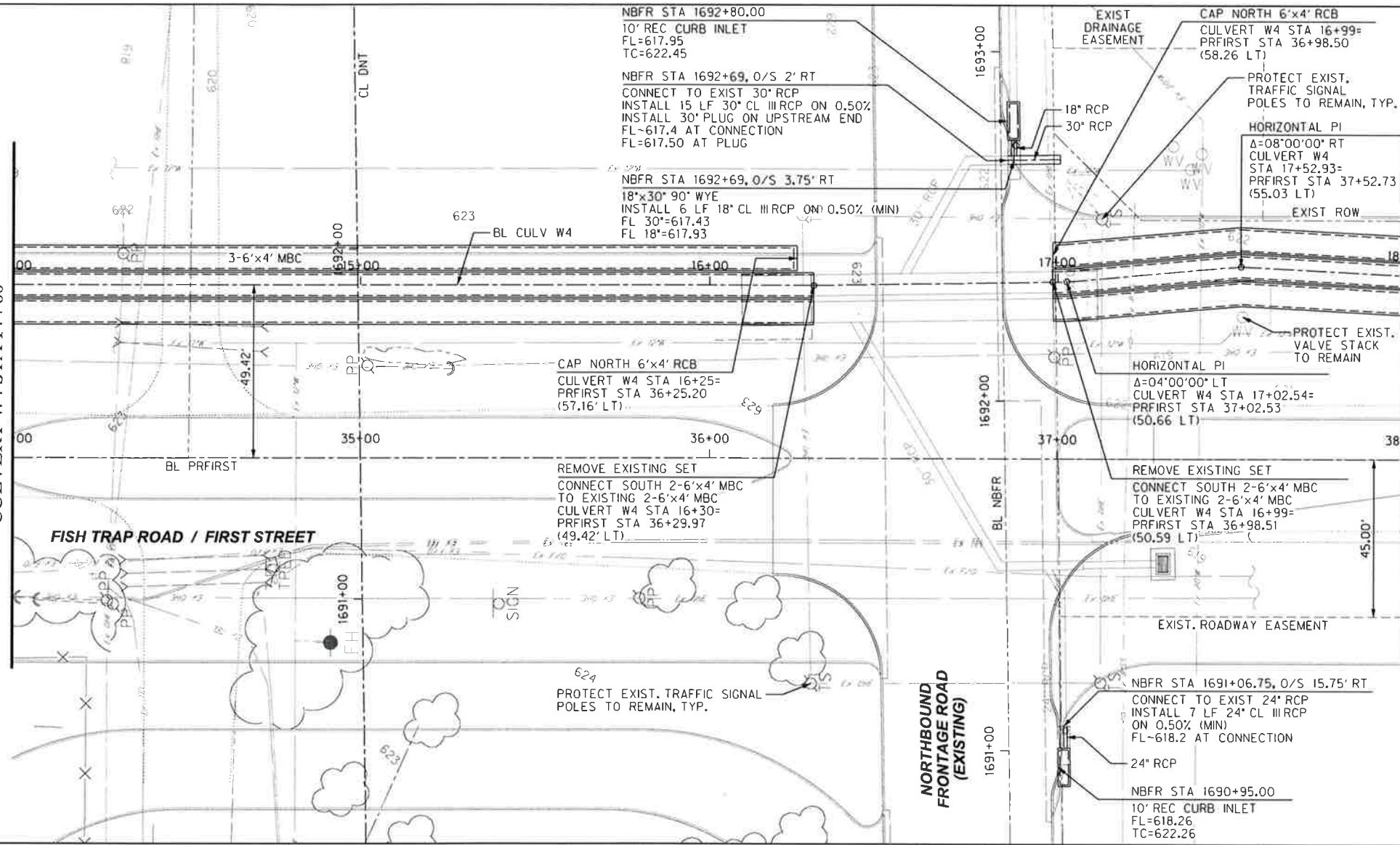


SM 3803 PARKWOOD BLVD, SUITE 800
FRISCO, TEXAS 75034-0641
TEL (214) 616-6300
FAX (214) 616-6374
FIRM REGISTRATION NO. 312

DRAWN: MML DATE 9/14/2018 DESIGNED: MML DATE 9/14/2018
CHECKED: DDS DATE 9/14/2018 SCALE: H:1"=40', V:1"=10'

CONTRACT NO. 03787-DNT-03-CN-PM SHEET 250A OF 343

MATCH LINE FIRST STREET STA 34+00
CULVERT W4 STA 14+00

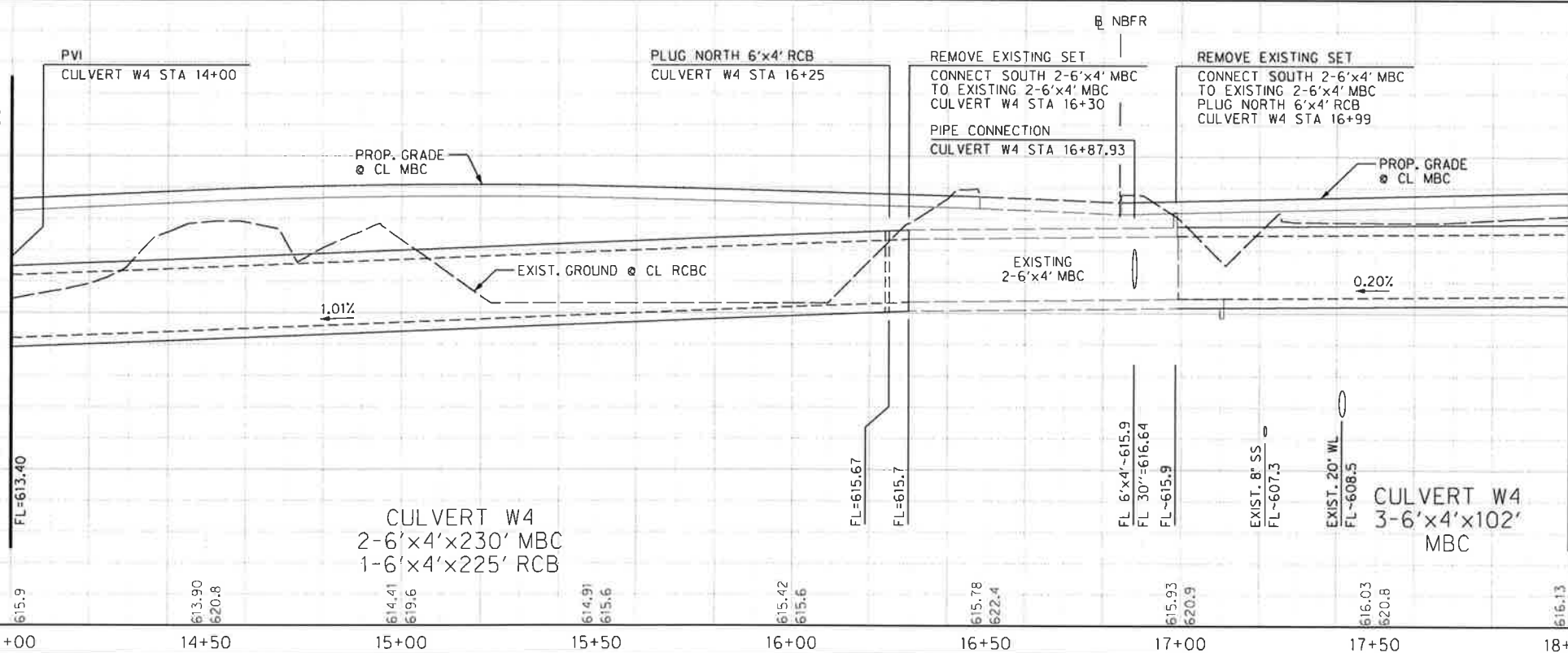


MATCH LINE FIRST STREET STA 38+00
CULVERT W4 STA 18+00.29

NOTES:

1. CONSTRUCT CAPS USING REINFORCED PRECAST CONCRETE SLAB, SUBSIDIARY TO CULVERT CONSTRUCTION, NO SEPARATE PAY ITEM.
2. CONSTRUCT CULVERT IN ACCORDANCE WITH TxDOT STANDARD SCP-6 AND FILL HEIGHT <=10.

MATCH LINE ULVERT W4 STA 14+00



MATCHLINE CULVERT W4 STA 18+00



The seal appearing on this document was authorized by Dennis D. Satre, PE#71590 on 09-14-18. Alteration of a sealed document without proper notification to the responsible engineer is an offense under the Texas Engineering Practice Act.

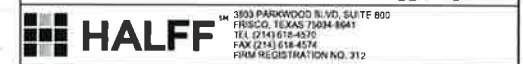
NO.	DATE	REVISION	APPROV.
1	9/04/18	Sheet Added, Replaces Sheet 250	

DALLAS NORTH TOLLWAY SBFR



CULVERT LAYOUT
CULVERT W4

2B OF 10



DRAN	MML	DATE	9/14/2018	DESIGNED	MML	DATE	9/14/2018
CHECKED	DDS	DATE	9/14/2018	SCALE	H:1"=40', V:1"=10'		

CONTRACT NO. 03787-DNT-03-CN-PM SHEET250B OF 343

USER: dh2992

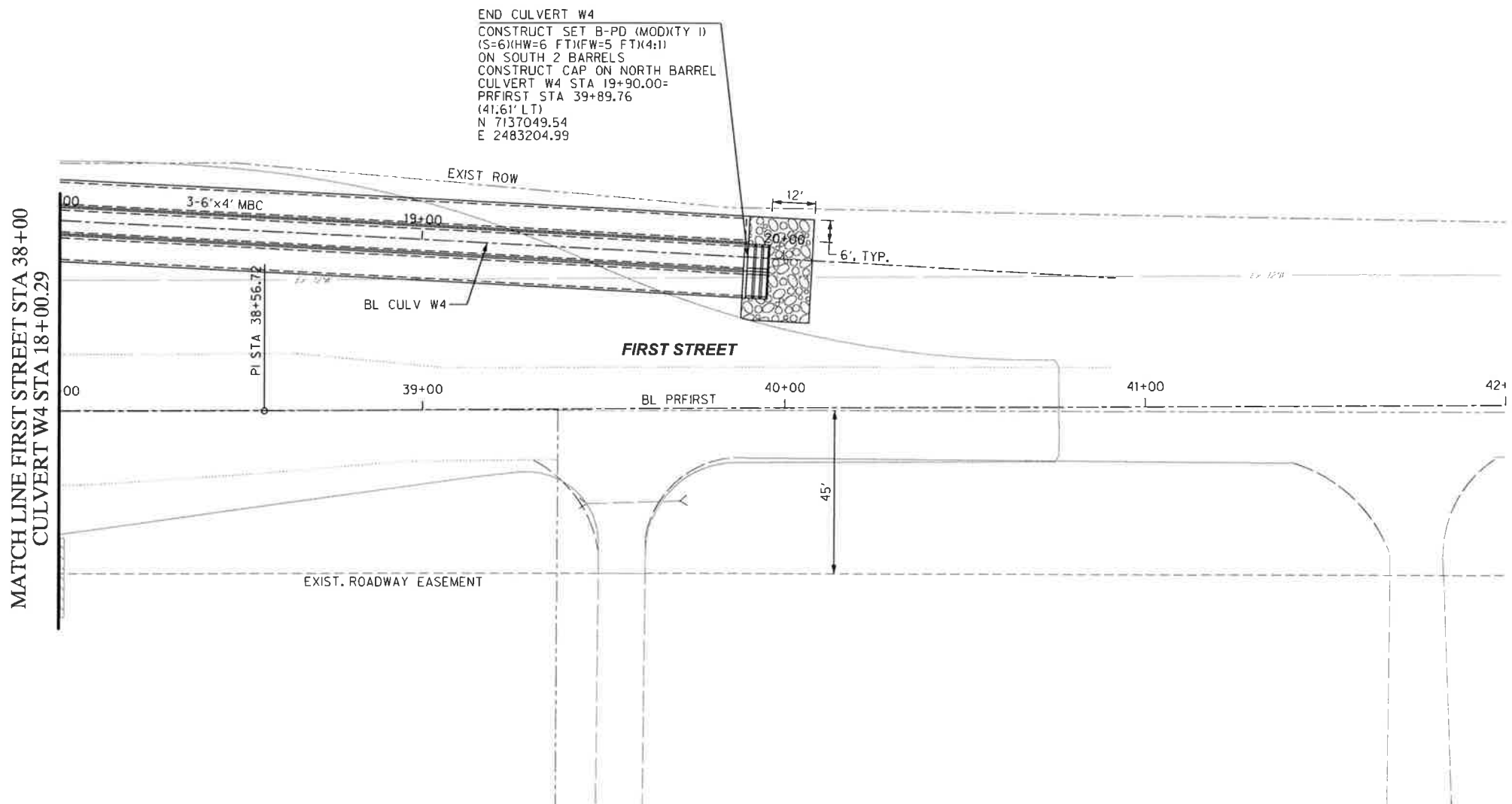
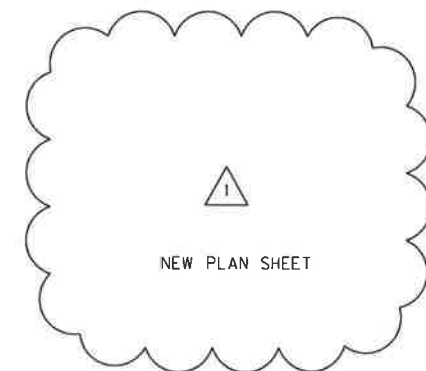
OFFICE: FRC

PROJECT # 34564

FILE: 34564-CULV02C.dgn

TIME: 8:38:27 AM

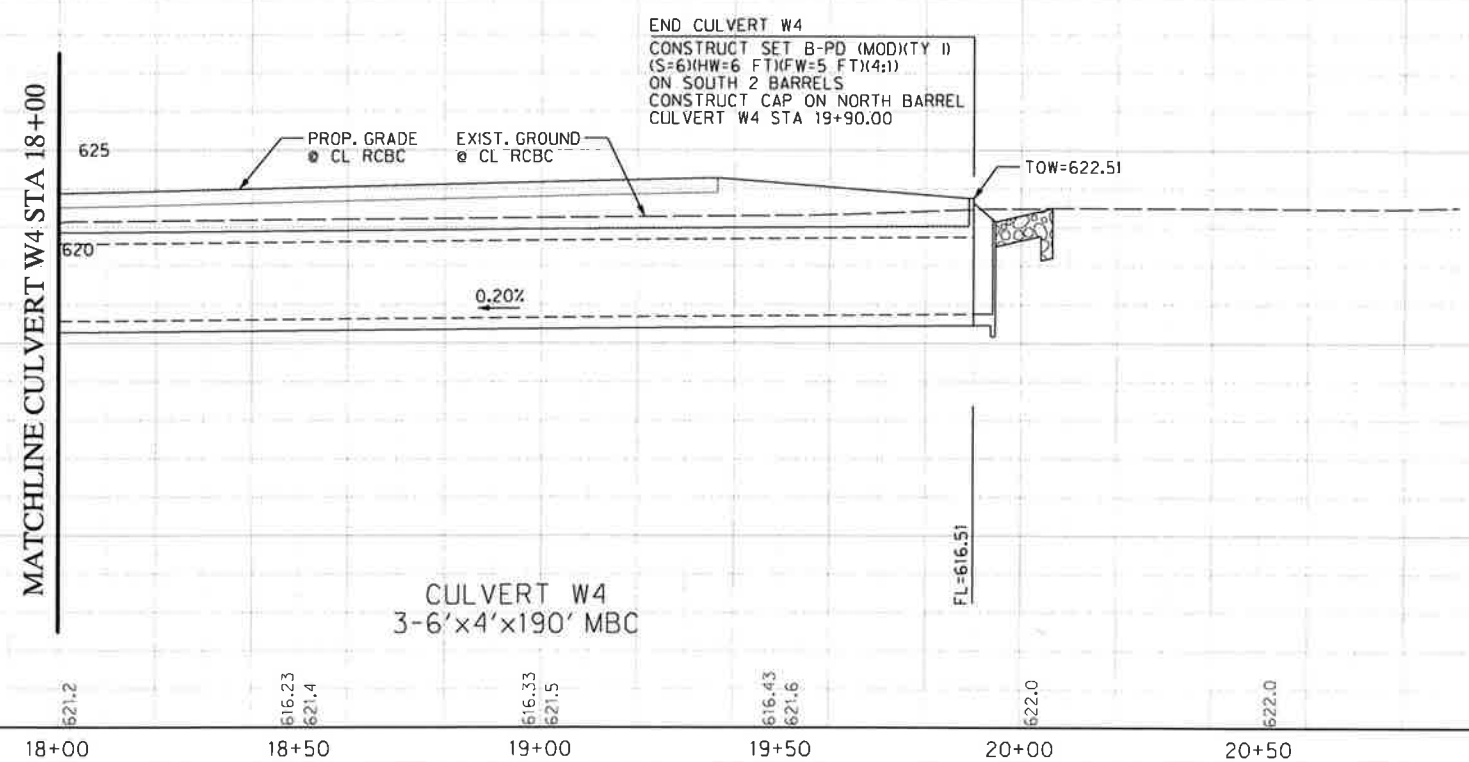
DATE: 9/17/2018



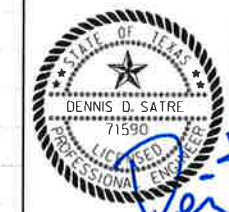
END CULVERT W4
 CONSTRUCT SET B-PD (MODKTY I)
 (S=6)(HW=6 FT)(FW=5 FT)(4:1)
 ON SOUTH 2 BARRELS
 CONSTRUCT CAP ON NORTH BARREL
 CULVERT W4 STA 19+90.00=
 PRFIRST STA 39+89.76
 (41.61' LT)
 N 7137049.54
 E 2483204.99

NOTES:

1. CONSTRUCT CAPS USING REINFORCED PRECAST CONCRETE SLAB, SUBSIDIARY TO CULVERT CONSTRUCTION, NO SEPARATE PAY ITEM.
2. CONSTRUCT CULVERT IN ACCORDANCE WITH TXDOT STANDARD SCP-6 AND FILL HEIGHT <=10.



END CULVERT W4
 CONSTRUCT SET B-PD (MODKTY I)
 (S=6)(HW=6 FT)(FW=5 FT)(4:1)
 ON SOUTH 2 BARRELS
 CONSTRUCT CAP ON NORTH BARREL
 CULVERT W4 STA 19+90.00



The seal appearing on this document was authorized by Dennis D. Satre, PE#71590 on 09-14-18. Alteration of a sealed document without proper notification to the responsible engineer is an offense under the Texas Engineering Practice Act.

Dennis D. Satre

NO.	DATE	REVISION	APPROV.
1	9/04/18	Sheet Added. Replaces Sheet 250	

DALLAS NORTH TOLLWAY SBFR



CULVERT LAYOUT
 CULVERT W4

2C OF 10



DRAWN: MML	DATE: 9/14/2018	DESIGNED: MML	DATE: 9/14/2018
CHECKED: DDS	DATE: 9/14/2018	SCALE: H:1"=40', V:1"=10'	

CONTRACT NO. 03787-DNT-03-CN-PM SHEET 250C OF 343