



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

June 17, 2020
31595

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

RE: Dallas North Tollway Southbound Frontage Road – Change Order #5

Dear Mr. Durham:

Halff recommends the following Change Order #5 modifications to the Dallas North Tollway Southbound Frontage Road project.

1. Changes for NTTA's DNT/US380 Project

DEDUCTIONS - FOR NTTA'S DNT/US380 PROJECT									
ITEM NO.	SPEC REF	SP	ITEM DESCRIPTION	PREVIOUS QUANTITY	REVISION	REVISED QUANTITY	UNIT	CONTRACT CHANGE	
								UNIT COST	SUBTOTAL COST
2	104		REMOVING CONC (PAV)	12,335	(2,340)	9,995	SY	\$ 6.00	\$ (14,040.00)
16	360		CURB (TYPE II)	65,421	(221)	65,200	LF	\$ 1.00	\$ (221.00)
TOTAL DEDUCTIONS:									\$ (14,261.00)
ADDITIONS - FOR NTTA'S DNT/US380 PROJECT									
ITEM NO.	DESC.	SP	ITEM DESCRIPTION	PREVIOUS QUANTITY	REVISION	REVISED QUANTITY	UNIT	CONTRACT CHANGE	
								UNIT COST	SUBTOTAL COST
48	484		RC PIPE (CL III)(24 IN)	1,614	29	1,643	LF	\$ 60.00	\$ 1,740.00
49	484		RC PIPE (CL III)(27 IN)	1,258	55	1,313	LF	\$ 61.00	\$ 3,355.00
213			CONNECT TO EXISTING RCP	4	1	5	EA	\$ 2,750.00	\$ 2,750.00
222	500		MOBILIZATION FOR CO#5		1	1	LS	\$ 5,000.00	\$ 5,000.00
TOTAL ADDITIONS:									\$ 12,845.00
SUBTOTAL - FOR NTTA'S DNT/US380 PROJECT:									\$ (1,416.00)

These changes are due to additional RCP that the NTTA requested to be installed and are offset by a reduction of proposed pavement demolition costs that NTTA will now perform. The attached revised sheets (74, 121, 216, 218), which denote the existing crossover pavement to remain and the additional RCP, should be formally incorporated into the project documents with this change order #5.

2. Changes for Miscellaneous Quantity Overruns/Underruns, & Additional Pay Items

DEDUCTIONS - FOR MISC. QUANTITY OVERRUNS / UNDERRUNS, AND ADDITIONAL PROJECT PAY ITEMS									
ITEM NO.	SPEC REF	SP	ITEM DESCRIPTION	PREVIOUS QUANTITY	REVISION	REVISED QUANTITY	UNIT	CONTRACT CHANGE	
								UNIT COST	SUBTOTAL COST
9	164		DRILL SEEDING (TEMP) (WARM)	291,589	(291,589)		SY	\$ 0.07	\$ (20,411.23)
10	164		DRILL SEEDING (TEMP) (COOL)	291,589	(186,831)	104,758	SY	\$ 0.08	\$ (14,948.48)
90	506		ROCK FILTER DAMS (INSTALL) (TY 2)	908	(283)	625	LF	\$ 22.00	\$ (6,226.00)
91	506		ROCK FILTER DAMS (INSTALL) (TY 3)	974	(666)	108	LF	\$ 24.00	\$ (20,784.00)
93	506		CONSTRUCTION EXITS (INSTALL) (TY 1)	3,334	(200)	3,134	SY	\$ 20.00	\$ (4,000.00)
94	506		CONSTRUCTION EXITS (REMOVE)	3,334	(200)	3,134	SY	\$ 4.00	\$ (800.00)
207	247		FLEX BASE TYPE D GRADE 1 OR 2 WITH 8 MIL POLY	130,135	(98)	130,037	SY	\$ 7.35	\$ (720.30)
TOTAL DEDUCTIONS:									\$ (67,888.01)
ADDITIONS - FOR MISC. QUANTITY OVERRUNS / UNDERRUNS, AND ADDITIONAL PROJECT PAY ITEMS									
ITEM NO.	DESC.	SP	ITEM DESCRIPTION	PREVIOUS QUANTITY	REVISION	REVISED QUANTITY	UNIT	CONTRACT CHANGE	
								UNIT COST	SUBTOTAL COST
27	432		RIPRAP (CONC)(8 IN)	66	4	70	CY	\$ 520.00	\$ 2,080.00
28	432		RIPRAP (CONC)(CL B)(RR8&RR9)	116	49	165	CY	\$ 470.00	\$ 23,030.00
29	432		RIPRAP (STONE PROTECTION)(12 IN)	72	18	90	CY	\$ 150.00	\$ 2,700.00
30	432		RIPRAP (STONE PROTECTION)(15 IN)	1,428	24	1,452	CY	\$ 124.00	\$ 2,976.00
59	465		INLET (COMPL)(REC)(10")	73	2	75	EA	\$ 5,000.00	\$ 10,000.00
149	666	007	REFL PAV MRK TY1 (W)4"(SLD)(100MIL)	14,485	200	14,685	LF	\$ 0.55	\$ 110.00
160	678		PAV SURF PREP FOR MRK (4")	39,671	200	40,071	LF	\$ 0.12	\$ 24.00
210	666		REFL PAV MRK TY1 (W)24"(SLD)(100MIL)	858	233	1,091	LF	\$ 7.00	\$ 1,831.00
221	506		INLET PROTECTION DEVICE		86	86	EA	\$ 175.00	\$ 15,050.00
222	500		MOBILIZATION FOR COWS		1	1	LS	\$ 5,000.00	\$ 5,000.00
223	542		REMOVE METAL BEAM GUARD FENCE		900	900	LF	\$ 8.00	\$ 7,200.00
227	666		PAVEMENT SEALER 4" (RFP#15)		38674	38,674	LF	\$ 0.14	\$ 5,348.85
228	666		PAVEMENT SEALER 8" (RFP#15)		6090	6,090	LF	\$ 0.30	\$ 1,853.03
229	666		PAVEMENT SEALER 12" (RFP#15)		4873	4,873	LF	\$ 0.88	\$ 4,268.45
230	666		PAVEMENT SEALER 24" (RFP#15)		797	797	LF	\$ 1.69	\$ 1,344.81
231	666		PAVEMENT SEALER (ARROW) (RFP#15)		62	62	EA	\$ 33.53	\$ 2,078.58
232	666		PAVEMENT SEALER (OBL ARROW) (RFP#15)		9	9	EA	\$ 50.71	\$ 456.41
233	666		PAVEMENT SEALER (WORD) (RFP#15)		46	46	EA	\$ 37.98	\$ 1,747.03
234	496		REMOV STR (SMALL FENCE)		1000	1,000	LF	\$ 2.13	\$ 2,130.00
235	540		MBGF MODIFICATION		3	3	EA	\$ 1,000.00	\$ 3,000.00
TOTAL ADDITIONS:									\$ 92,028.15
SUBTOTAL - FOR MISC. QUANTITY OVERRUNS / UNDERRUNS, AND ADDITIONAL PROJECT PAY ITEMS:									\$ 24,140.14

These changes include the costs of overruns in various project quantities and incorporate bid item and quantity pricing proposals outlined in RFP #12 and RFP #15. The deductions are known quantity underruns for various field measured items that have been completed to date. Additional quantity underruns for other project items are anticipated to occur when the as-built quantities of all project bid items are determined.



3. Items Relating to First Street Improvements

DEDUCTIONS - FIRST STREET IMPROVEMENTS									
ITEM NO.	DESC.	SP	ITEM DESCRIPTION	PREVIOUS QUANTITY	REVISION	REVISED QUANTITY	UNIT	CONTRACT CHANGE	
								UNIT COST	SUBTOTAL COST
39	462		CONC BOX CULV (6 FT X 4 FT)	2,388	(198)	2,190	LF	\$ 317.00	\$ (62,766.00)
97	508		CONSTRUCTING DETOURS	2,481	(650)	1,831	SY	\$ 65.00	\$ (55,250.00)
TOTAL DEDUCTIONS:									\$ (118,016.00)
ADDITIONS - FIRST STREET IMPROVEMENTS									
ITEM NO.	DESC.	SP	ITEM DESCRIPTION	PREVIOUS QUANTITY	REVISION	REVISED QUANTITY	UNIT	CONTRACT CHANGE	
								UNIT COST	SUBTOTAL COST
224			MOBILIZATION FOR COWS		1	1	LS	\$ 14,234.64	\$ 14,234.64
225	680		ADDITIONAL SIGNAL EQUIPMENT		1	1	LS	\$ 54,709.56	\$ 54,709.56
226	680		EMERGENCY SIGNAL REPAIR		1	1	LS	\$ 25,322.77	\$ 25,322.77
TOTAL ADDITIONS:									\$ 94,266.97
SUBTOTAL - FIRST STREET IMPROVEMENTS:									\$ (23,749.03)

These items address the following:

- Remobilization costs caused by the delayed installation of a Town of Prosper water line at First Street by a third-party contractor. (RFP #13)
- Changes in traffic signal equipment required by the Town of Prosper. (RFP #17)
- Costs to restore the traffic signal operation at First Street following damage to the signal by a third party. (RFP #18A)

Please note that Group 1 and 2 items are generally considered Collin County cost responsibility items and Group 3 items are considered Town of Prosper cost responsibility items.

We recommend the following wording also be included in the change order document:

Plan sheets 74, 121, 216 and 218 are hereby removed and replaced with attached sheets 674, 121, 216 and 218. This change order is issued for the installation of two additional RCP laterals and to denote the existing crossover roadway north of US 380 as pavement to remain.

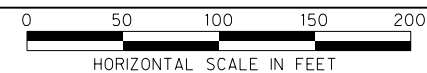
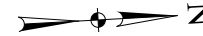
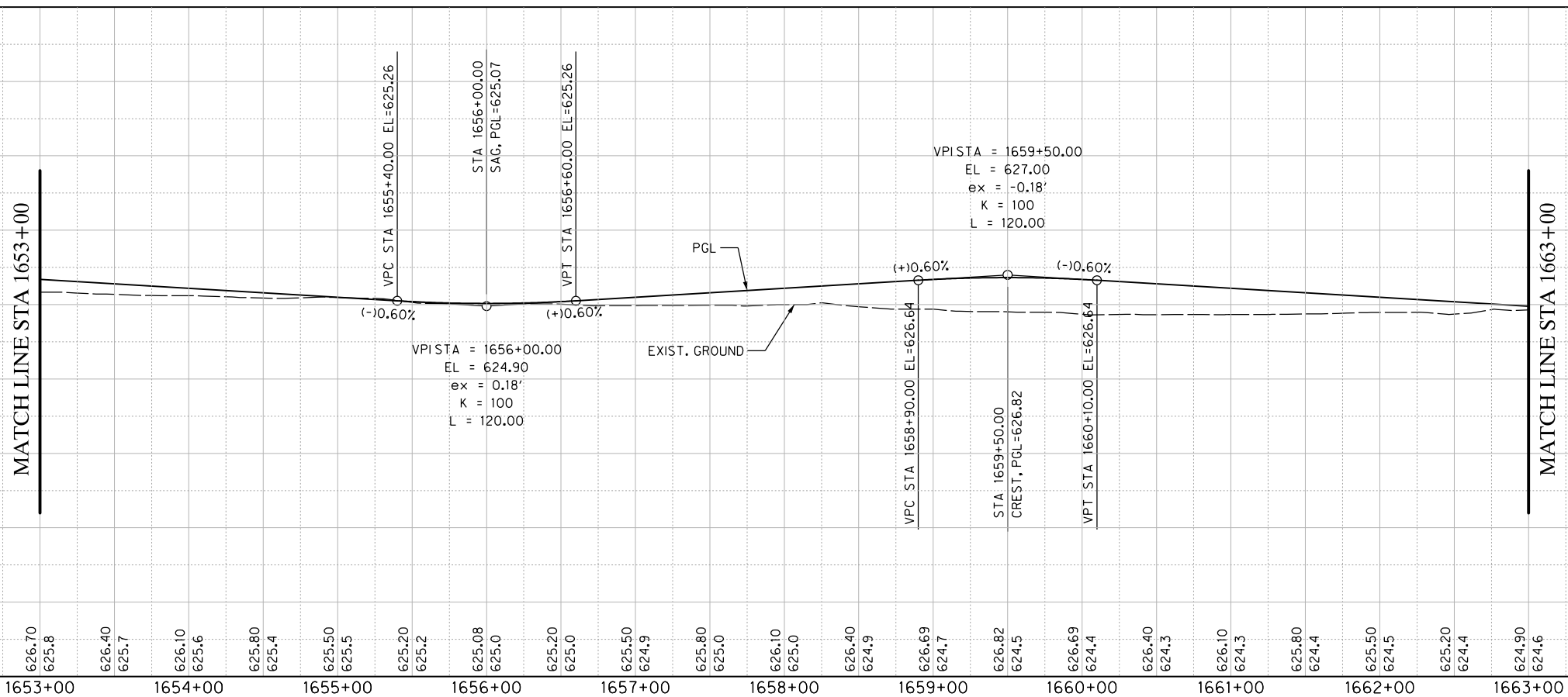
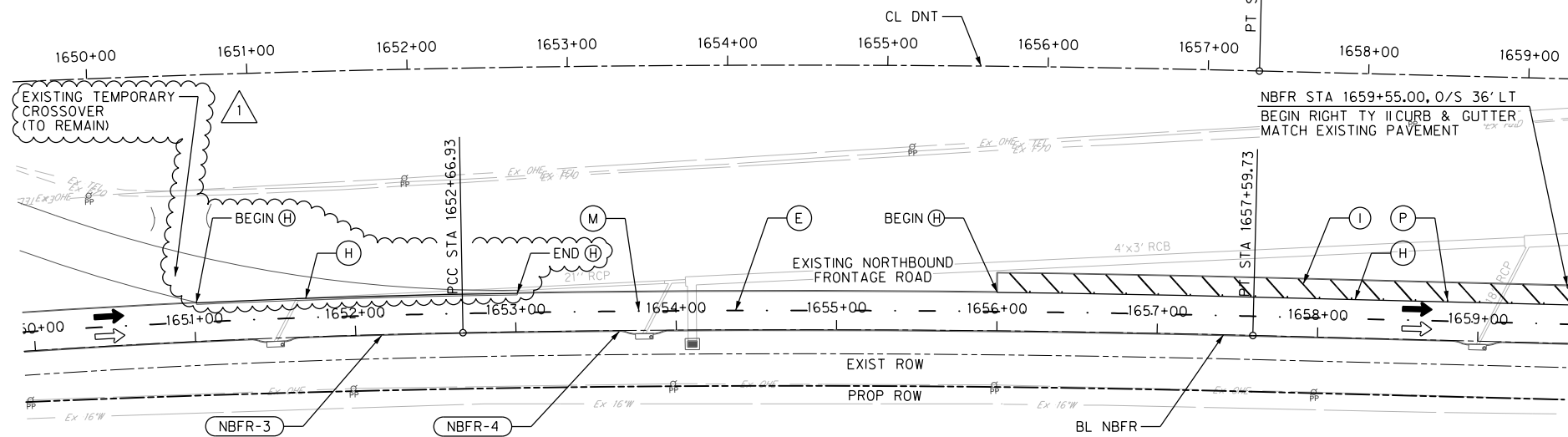
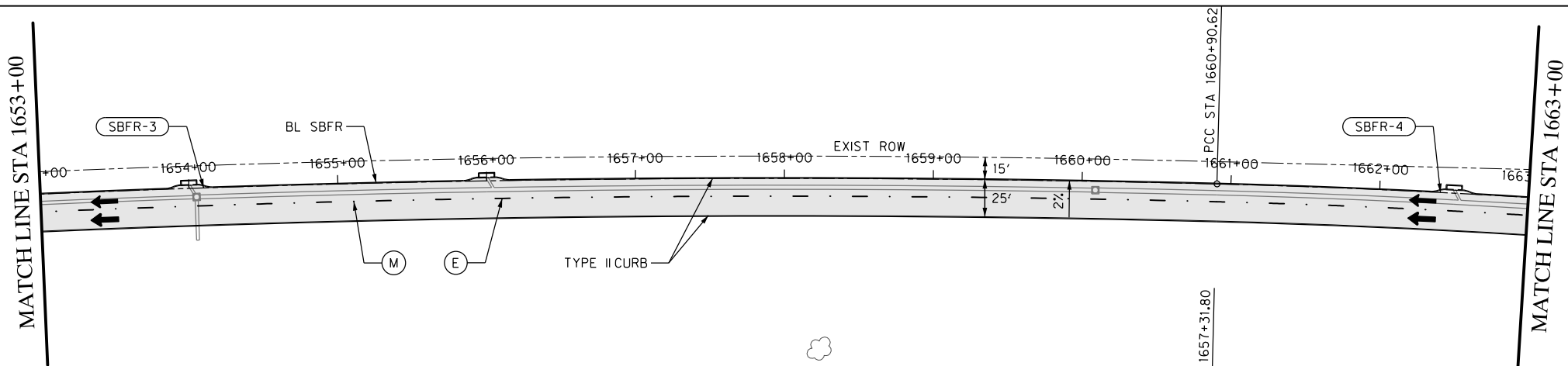
The net increase (decrease) to the Dallas North Tollway Southbound Frontage Road project cost by this Change Order is **\$(1,024.89)**.

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

Sincerely,
HALFF ASSOCIATES, INC.

Dennis D. Satre, P.E.
Vice President

CC Hulon Webb, P.E., Town of Prosper

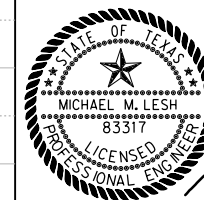


LEGEND

- | | | | |
|--|-------------------------|--|-----------------------|
| | CRCP OR JRCP PAVEMENT | | EXISTING TRAFFIC FLOW |
| | ASPHALT PAVEMENT | | PROPOSED TRAFFIC FLOW |
| | CONC. DRIVEWAY APPROACH | | EXPANSION JOINT |
| | | | |

NOTES:

- EXISTING UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL CONFIRM PRESENCE AND LOCATION OF ALL UTILITIES PRIOR TO WORK.
- SEE GEOMETRIC LAYOUT & SURVEY CONTROL DATA FOR HORIZONTAL DATUM & BENCHMARK INFORMATION.
- SEE DRAINAGE PLAN FOR CURB INLET LOCATIONS.
- SEE TYPICAL SECTIONS FOR ROADWAY PAVING DETAILS.
- SEE ROADWAY GRADING PLANS FOR PAVEMENT CROSS SLOPE TRANSITION INFORMATION.



The seal appearing on this document was authorized by Michael Miller Lesh, PE #83317 on 07-19-19. Alteration of a sealed document without proper notification to the responsible engineer is an offense under the Texas Engineering Practice Act.

Michael M. Lesh

NO.	DATE	REVISION	APPROV.
1	7/19/2019	Exist Crossover to Remain	MML

DALLAS NORTH TOLLWAY SBFR

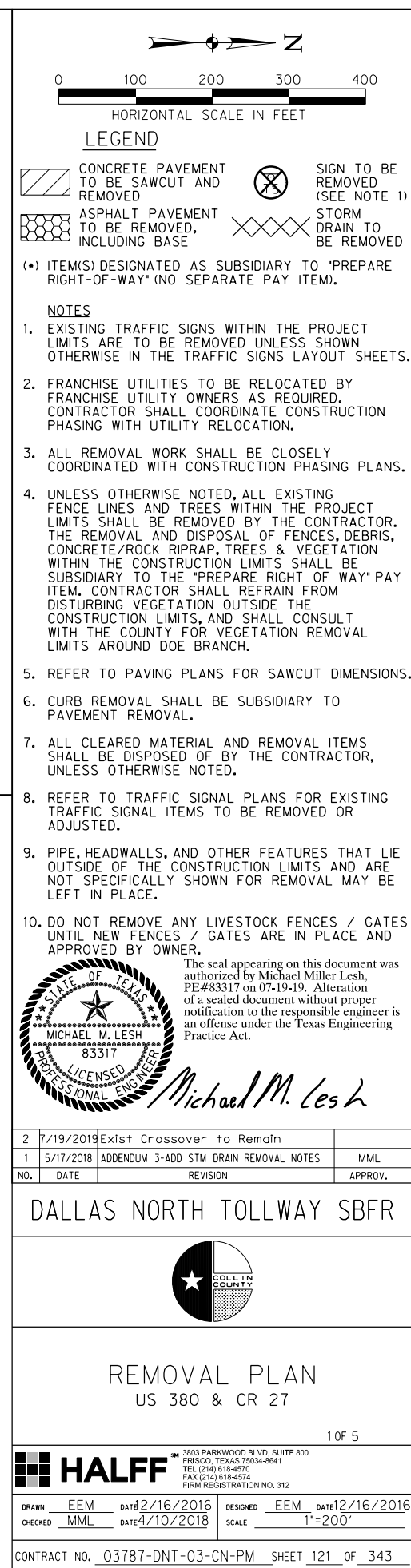


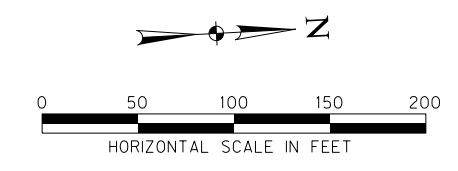
PAVING PLAN - PROFILE
WEST SERVICE ROAD
STA 1653+00 TO STA 1663+00
2 OF 40



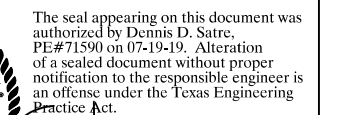
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CHECKED	MML	DATE	4/10/2018	SCALE			1"=100'

CONTRACT NO. 03787-DNT-03-CN-PM SHEET 74 OF 343



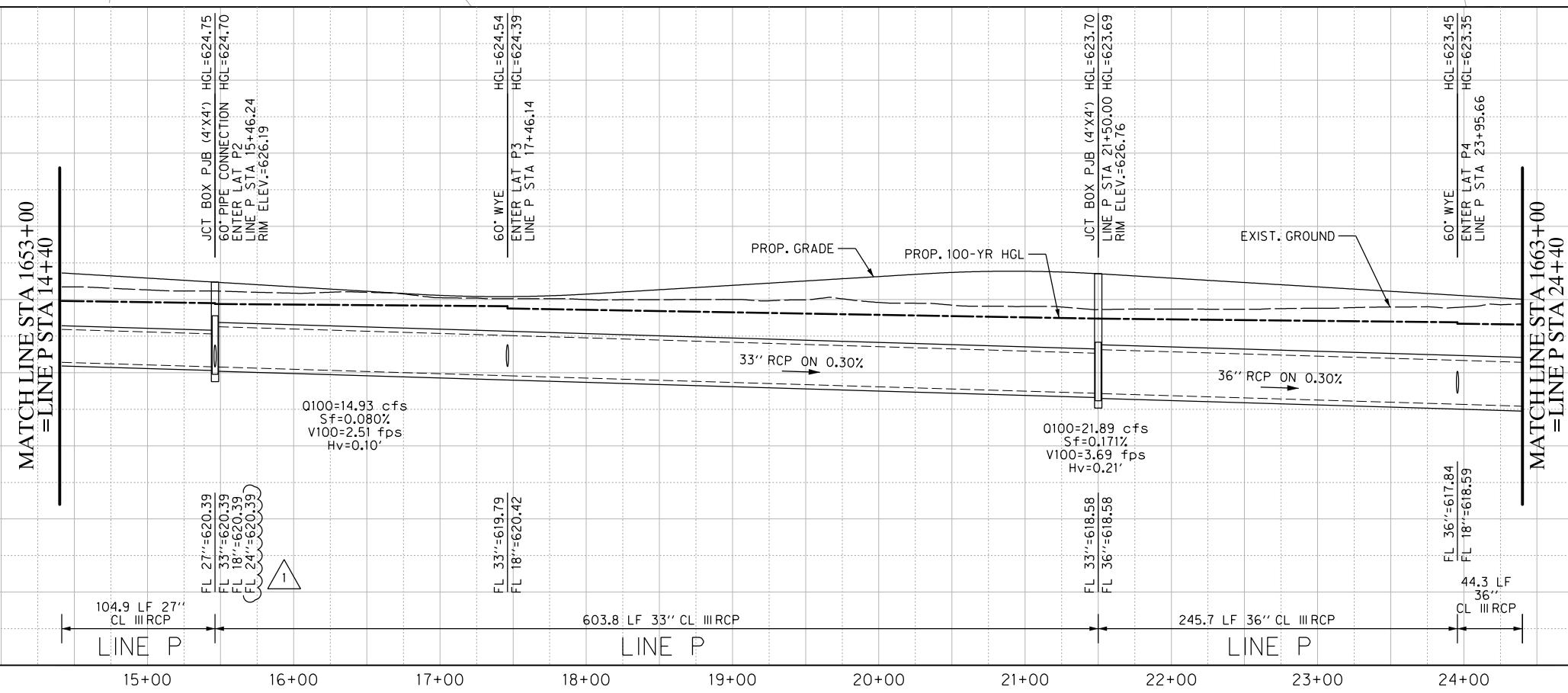


5. ALL DIMENSIONS ARE TO FACE OF CURB UNLESS STATED OTHERWISE.

DALLAS NORTH TOLLWAY SBFR

3803 PARKWOOD BLVD, SUITE 800
FRISCO, TEXAS 75034-8641
TEL (214) 618-4570
FAX (214) 618-4574
FIRM REGISTRATION NO. 312

CONTRACT NO. 03787-DNT-03-CN-PM SHEET 216 OF 343



USER: ahl115

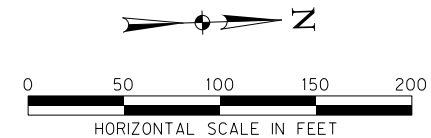
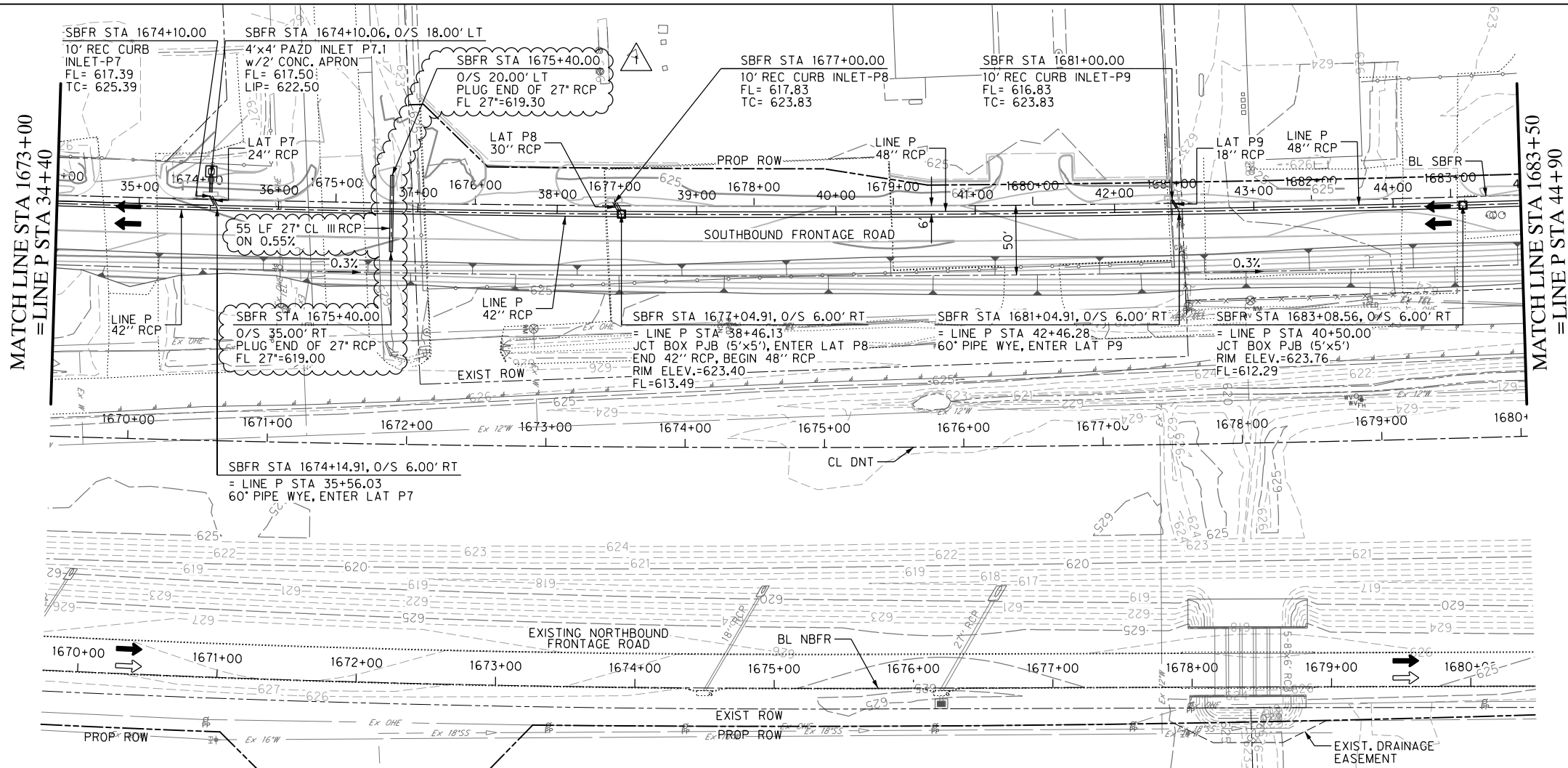
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PROJECT # 31595

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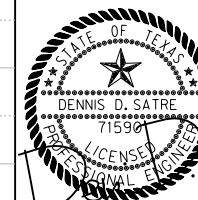
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DATE: 7/19/2019



NOTES:

- EXISTING UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL CONFIRM PRESENCE AND LOCATION OF ALL UTILITIES PRIOR TO WORK.
- SEE PAVING PLANS FOR ROADWAY GEOMETRY.
- SEE DRAINAGE DETAILS FOR INLET AND S.E.T. LAYOUT DIMENSIONS.
- SEE CULVERT LAYOUTS FOR ADDITIONAL INFORMATION AND GRADING DETAILS.
- ALL DIMENSIONS ARE TO FACE OF CURB UNLESS STATED OTHERWISE.



The seal appearing on this document was authorized by Dennis D. Satre, PE #71590 on 07-19-19. 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	7/19/2019	Added 27" RCP "Dry Line"	MML

DALLAS NORTH TOLLWAY SBFR



DRAINAGE PLAN - PROFILE
WEST SERVICE ROAD
STA 1673+00 TO STA 1683+50
4 OF 34

HALFF 3803 PARKWOOD BLVD, SUITE 800
FIRM REGISTRATION NO. 312
FIRM REGISTRATION NO. 312

DRAWN	TMW	DATE	8/18/2016	DESIGNED	DDS	DATE	8/18/2016
CHECKED	DDS	DATE	4/10/2018	SCALE			1"=100'

CONTRACT NO. 03787-DNT-03-CN-PM SHEET 218 OF 343

