

SUBJECT: PLANS AND PROPOSAL ADDENDUMS

PROJECT: BR 2B24(272)

CONTROL: 0816-04-104

COUNTY: COLLIN

LETTING: 07/10/2024

REFERENCE NO: 0625

**PROPOSAL ADDENDUMS**

- 
- PROPOSAL COVER
  - BID INSERTS (SH. NO.: 3,9 )
  - GENERAL NOTES (SH. NO.: )
  
  - SPEC LIST (SH. NO.: )
  - SPECIAL PROVISIONS: )
  - ADDED:
  
  - DELETED:
  
  - SPECIAL SPECIFICATIONS:
  - ADDED:
  
  - DELETED:
  
  - OTHER: PLAN SHEET AND QUANTITY CHANGES

DESCRIPTION OF ABOVE CHANGES  
(INCLUDING PLANS SHEET CHANGES)

\*\*\*BID INSERTS\*\*\*

REVISED QUANTITY FOR THE FOLLOWING BID ITEMS: 432-6001, 5026-6003

\*\*\*PLAN SHEETS\*\*\*

SHEET 19 (SUMMARY OF QUANTITIES):REVISED

SHEET 20 (SUMMARY OF QUANTITIES):REVISED

SHEET 14 (E & Q): REVISED



# Estimate & Quantity Sheet

CONTROLLING PROJECT ID 0816-04-104

DISTRICT Dallas  
HIGHWAY FM 455

COUNTY Collin

CONTROL SECTION JOB				0816-04-104		0816-04-105		TOTAL EST.	TOTAL FINAL
PROJECT ID				A00129181		A00131208			
COUNTY				Collin		Collin			
HIGHWAY				FM 455		FM 455			
ALT	BID CODE	DESCRIPTION	UNIT	EST.	FINAL	EST.	FINAL		
	100-6002	PREPARING ROW	STA	30.780		16.650		47.430	
	104-6001	REMOVING CONC (PAV)	SY			2,837.000		2,837.000	
	104-6009	REMOVING CONC (RIPRAP)	SY	595.000				595.000	
	104-6054	REMOVING CONCRETE(MOW STRIP)	LF			703.000		703.000	
	105-6011	REMOVING STAB BASE AND ASPH PAV (2"-6")	SY			5,066.000		5,066.000	
	105-6059	REMOVING STAB BASE & ASPH PAV(13"-18")	SY	10,944.000				10,944.000	
	110-6001	EXCAVATION (ROADWAY)	CY	11,846.000		2,478.000		14,324.000	
	132-6025	EMBANKMENT (FINAL) (DENS CONT) (TY C1)	CY	21,972.000		9,105.000		31,077.000	
	132-6026	EMBANKMENT (FINAL) (DENS CONT) (TY C2)	CY	1,352.000		537.000		1,889.000	
	161-6017	COMPOST MANUF TOPSOIL (4")	SY	32,203.000		16,808.000		49,011.000	
	164-6035	DRILL SEEDING (PERM) (RURAL) (CLAY)	SY	32,203.000		16,808.000		49,011.000	
	164-6051	DRILL SEED (TEMP)(WARM OR COOL)	SY	40,254.000		21,010.000		61,264.000	
	168-6001	VEGETATIVE WATERING	MG	11,976.000		6,251.000		18,227.000	
	247-6312	FL BS (CMP IN PLC)(TY D GR1-2)(8")	SY	14,298.000		6,618.000		20,916.000	
	260-6011	LIME TRT (EXST MATL) (12")	SY	14,298.000		6,618.000		20,916.000	
	260-6016	LIME (HYD, COM, OR QK(SLURRY))	TON	425.000		164.000		589.000	
	310-6027	PRIME COAT(MC-30 OR AE-P)	GAL	2,860.000		1,324.000		4,184.000	
	400-6005	CEM STABIL BKFL	CY	184.000		164.000		348.000	
	402-6001	TRENCH EXCAVATION PROTECTION	LF			67.000		67.000	
	403-6001	TEMPORARY SPL SHORING	SF	1,070.000		1,619.000		2,689.000	
	416-6001	DRILL SHAFT (18 IN)	LF			120.000		120.000	
	416-6004	DRILL SHAFT (36 IN)	LF	1,158.000		610.000		1,768.000	
	420-6014	CL C CONC (ABUT)(HPC)	CY	95.400		79.500		174.900	
	420-6030	CL C CONC (CAP)(HPC)	CY	80.600		48.400		129.000	
	420-6038	CL C CONC (COLUMN)(HPC)	CY	31.400		22.000		53.400	
	422-6002	REINF CONC SLAB (HPC)	SF	12,190.000		11,040.000		23,230.000	
	422-6016	APPROACH SLAB (HPC)	CY	140.000		220.000		360.000	
	425-6035	PRESTR CONC GIRDER (TX28)	LF	1,571.870				1,571.870	
	425-6037	PRESTR CONC GIRDER (TX40)	LF			1,430.280		1,430.280	
	432-6001	RIPRAP (CONC)(4 IN)	CY	22.000				22.000	
	432-6022	RIPRAP (STONE COMMON)(DRY)(6 IN)	CY	252.000				252.000	
	432-6031	RIPRAP (STONE PROTECTION)(12 IN)	CY			932.000		932.000	
	432-6033	RIPRAP (STONE PROTECTION)(18 IN)	CY	720.000				720.000	
	432-6045	RIPRAP (MOW STRIP)(4 IN)	CY	85.000		45.000		130.000	
	450-6007	RAIL (TY T223)(HPC)	LF	594.000		570.100		1,164.100	
	454-6020	SEALED EXPANSION JOINT (4 IN) (SEJ - B)	LF	184.000		104.000		288.000	
	462-6024	CONC BOX CULV (9 FT X 5 FT)	LF			104.000		104.000	

REVISED 06-24-2024

DISTRICT	COUNTY	CCSJ	SHEET
Dallas	Collin	0816-04-104	14



# Estimate & Quantity Sheet

CONTROLLING PROJECT ID 0816-04-104

DISTRICT Dallas  
HIGHWAY FM 455

COUNTY Collin

CONTROL SECTION JOB				0816-04-104		0816-04-105		TOTAL EST.	TOTAL FINAL
PROJECT ID				A00129181		A00131208			
COUNTY				Collin		Collin			
HIGHWAY				FM 455		FM 455			
ALT	BID CODE	DESCRIPTION	UNIT	EST.	FINAL	EST.	FINAL		
	545-6005	CRASH CUSH ATTEN (REMOVE)	EA	4.000		4.000		8.000	
	545-6019	CRASH CUSH ATTEN (INSTL)(S)(N)(TL3)	EA	4.000		4.000		8.000	
	552-6004	WIRE FENCE (TY D)	LF	125.000				125.000	
	560-6011	MAILBOX INSTALL-S (TWW-POST) TY 4	EA	1.000				1.000	
	644-6001	IN SM RD SN SUP&AM TY10BWG(1)SA(P)	EA	12.000		4.000		16.000	
	644-6004	IN SM RD SN SUP&AM TY10BWG(1)SA(T)	EA	1.000				1.000	
	644-6010	IN SM RD SN SUP&AM TY10BWG(1)SB(P-BM)	EA			2.000		2.000	
	644-6033	IN SM RD SN SUP&AM TYS80(1)SA(U)	EA	3.000				3.000	
	644-6036	IN SM RD SN SUP&AM TYS80(1)SA(U-BM)	EA	1.000		2.000		3.000	
	658-6014	INSTL DEL ASSM (D-SW)SZ (BRF)CTB (BI)	EA	16.000		12.000		28.000	
	658-6016	INSTL DEL ASSM (D-SW)SZ (BRF)GF1 (BI)	EA	23.000		19.000		42.000	
	662-6063	WK ZN PAV MRK REMOV (W)4"(SLD)	LF	23,045.000		18,930.000		41,975.000	
	662-6075	WK ZN PAV MRK REMOV (W)24"(SLD)	LF	264.000		152.000		416.000	
	662-6095	WK ZN PAV MRK REMOV (Y)4"(SLD)	LF	15,034.000		12,164.000		27,198.000	
	666-6048	REFL PAV MRK TY I (W)24"(SLD)(100MIL)	LF	16.000		76.000		92.000	
	666-6171	REFL PAV MRK TY II (W) 6" (BRK)	LF	113.000		142.000		255.000	
	666-6225	PAVEMENT SEALER 6"	LF	1,060.000		800.000		1,860.000	
	666-6308	RE PM W/RET REQ TY I (W)6"(SLD)(090MIL)	LF	8,446.000		3,175.000		11,621.000	
	666-6320	RE PM W/RET REQ TY I (Y)6"(SLD)(090MIL)	LF	8,460.000		3,704.000		12,164.000	
	672-6009	REFL PAV MRKR TY II-A-A	EA	102.000		45.000		147.000	
	677-6001	ELIM EXT PAV MRK & MRKS (4")	LF	10,498.000				10,498.000	
	677-6007	ELIM EXT PAV MRK & MRKS (24")	LF	20.000				20.000	
	730-6107	FULL - WIDTH MOWING	CYC	6.000		6.000		12.000	
	3077-6013	SP MIXES SP-C SAC-B PG64-22	TON	3,109.000		1,439.000		4,548.000	
	3077-6075	TACK COAT	GAL	842.000		390.000		1,232.000	
	5026-6003	ASBESTOS ABATEMENT (OTHER)	SF	218.000				218.000	
	6001-6001	PORTABLE CHANGEABLE MESSAGE SIGN	DAY	50.000		50.000		100.000	
	6185-6003	TMA (MOBILE OPERATION)	HR	20.000				20.000	
18		EROSION CONTROL MAINTENANCE: CONTRACTOR FORCE ACCOUNT WORK (PART)	LS	1.000				1.000	
		SAFETY CONTINGENCY: CONTRACTOR FORCE ACCOUNT WORK (PARTICIPATING)	LS	1.000				1.000	
		LAW ENFORCEMENT: CONTRACTOR FORCE ACCOUNT WORK (PARTICIPATING)	LS	1.000				1.000	

REVISED 06-24-2024

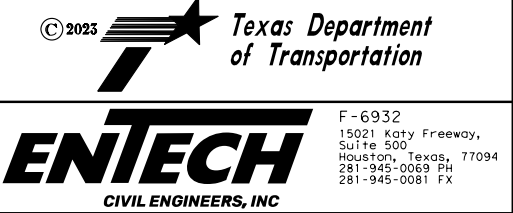
DISTRICT	COUNTY	CCSJ	SHEET
Dallas	Collin	0816-04-104	16

SUMMARY OF REMOVAL QUANTITIES													
SHEET NO.	LOCATION	104	104	104	105	105	496	496	496	496	542	542	544
		6001	6009	6054	6011	6059	6004	6007	6008	6010	6001	6005	6003
		REMOVING CONC (PAV)	REMOVING CONC (RIPRAP)	REMOVING CONCRETE (MOW STRIP)	REMOVING STAB BASE AND ASPH PAV (2"-6")	REMOVING STAB BASE & ASPH PAV (13"-18")	REMOV STR (SET)	REMOV STR (PIPE)	REMOV STR (BOX CULVERT)	REMOV STR (BRIDGE 100 - 499 FT LENGTH)	REMOVE METAL BEAM GUARD FENCE	RM MTL BM GD FEN TRANS (T101)	GUARDRAIL END TREATMENT (REMOVE)
		SY	SY	LF	SY	SY	EA	LF	LF	EA	LF	EA	EA
CSJ: 0816-04-104													
1 OF 4	BEGIN PROJECT TO STA 111+00		343			3003			1	100	4	5	
2 OF 4	STA 111+00 TO STA 133+00		252			7453	8	240	1	525	8	7	
3 OF 4	STA 133+00 TO 134+00					488							
	<b>CSJ: 0816-04-104 TOTALS</b>		595			10944	8	240	2	625	12	12	
CSJ: 0816-04-105													
4 OF 4	BEGIN TO END PROJECT (CSJ TOTAL)	2837		703	5066				66	1	625	4	8
	<b>PROJECT TOTALS</b>	<b>2837</b>	<b>595</b>	<b>703</b>	<b>5066</b>	<b>10944</b>	<b>8</b>	<b>240</b>	<b>66</b>	<b>3</b>	<b>1250</b>	<b>16</b>	<b>20</b>

SUMMARY OF ROADWAY															
SHEET NO.	LOCATION	PREP ROW	100	432	432	432	432	432	530	538	540	540	544	552	560
			6002	6001	6022	6031	6033	6045	6011	6001	6002	6006	6001	6004	6011
			RIPRAP (CONC) (4 IN)	RIPRAP (STONE COMMON) (DRY) (6 IN)	RIPRAP (STONE PROTECTION) (12 IN)	RIPRAP (STONE PROTECTION) (18 IN)	RIPRAP (MOW STRIP) (4 IN)	INTRSCT, DRVWAYS, & TURNOUT (ACP)	RIGHT OF WAY MARKERS	MTL W-BEAM GD FEN (STEEL POST)	MTL BEAM GD FEN TRANS (THRIE-BEAM)	GUARDRAIL END TREATMENT (INSTALL)	WIRE FENCE (TY D)	MAILBOX INSTALL-S (TWW-POST) TY 4	
		STA	CY	CY	CY	CY	CY	SY	EA	LF	EA	EA	LF	EA	
CSJ: 0816-04-104															
1	BEGIN	111+00.00	11	22			720	46		4	525	6	8		
2	111+00.00	122+00.00	7.78		252			39		7	600	4	4		
3	122+00.00	133+00.00	11						732	5				125	
4	133+00.00	END	1												
	<b>CSJ: 0816-04-104 SUBTOTAL</b>		30.78	22	252		720	85	732	16	1125	10	12	125	
CSJ: 0816-04-105															
5	BEGIN	210+00.00	9.75			932		29	339	2	400	4	3		
6	210+00.00	END	6.9					16	544	5	325		1		
	<b>CSJ: 0816-04-105 SUBTOTAL</b>		16.65			932		45	883	7	725	4	4		
	<b>PROJECT TOTALS</b>		47.43	22	252	932	720	130	1615	23	1850	14	16	125	

SUMMARY OF ROADWAY (PAVING)														
FROM	TO	WIDTH			LENGTH	HMA SURFACE AREA	260	260	247	310	400	422	3077	3077
		6011	6016	6312			6027	6005	6016	6013	6075			
		LIME TRT (EXST MATL) (12")	LIME (HYD, COM, OR QK (SLURRY))	FL BS (CMP IN PLC) (TY D GR1-2) (8")			PRIME COAT (MC-30 OR AE-P)	CEM STABIL BKFL	APPROACH SLAB (HPC)	SP MIXES SP-C SAC-B PG64-22	TACK COAT			
		FT	FT	FT	FT	SY	SY	TON	SY	GAL	CY	TON	GAL	
CSJ: 0816-04-104														
STA 100+00.00	STA 101+20.00	27	44	35.5	120.00	473	487	14	487	97		106	29	
STA 101+20.00	STA 106+27.00	44	44	44	507.00	2479	2535	75	2535	507		552	149	
STA 106+27.00	STA 108+12.00	44	44	44	20.00	98				46	35			
STA 107+92.00	STA 108+12.00	44	44	44	20.00	98				46	35			
STA 108+12.00	STA 110+36.00	44	44	44	224.00	1095	1120	33	1120	224		244	66	
STA 110+36.00	STA 111+58.00	44	30	37	122.00	502	515	15	515	103		112	31	
STA 114+80.00	STA 116+26.92	32	44	38	146.92	620	637	19	637	127		138	38	
STA 116+26.92	STA 117+05.00	44	44	44	78.08	382	390	12	390	78		85	23	
STA 117+05.00	STA 117+25.00	44	44	44	20.00	98				46	35			
STA 118+45.00	STA 118+65.00	44	44	44	20.00	98				46	35			
STA 118+65.00	STA 134+00.00	44	44	44	1535.00	7504	7675	228	7675	1535		1670	451	
FM 3356														
STA 100+21.84	STA 102+00.00	36	36	36	178.16	713	732	22	732	146		159	43	
STA 102+00.00	STA 102+60.00	36	24	30	60.00	200	207	6	207	41		45	12	
	<b>CSJ: 0816-04-104 TOTAL:</b>					14298	425	14298	2860	184	140	3109	842	
CSJ: 0816-04-105														
STA 200+25.00	STA 201+71.85	29	44	36.5	146.85	596	612	15	612	122		133	36	
STA 201+71.85	STA 204+43.40	44	44	44	271.55	1328	1358	34	1358	272		295	80	
STA 204+43.40	STA 204+75.00	44	44	44	31.6	154				82	113			
STA 207+15.00	STA 207+53.66	44	44	44	38.66	189				82	107			
STA 207+53.66	STA 215+38.51	44	44	44	784.85	3837	3924	97	3924	785		854	231	
STA 215+38.51	STA 216+90.00	44	40	42	151.49	707	724	18	724	145		157	43	
	<b>CSJ: 0816-04-105 TOTAL:</b>					6618	164	6618	1324	164	220	1439	390	
	<b>PROJECT TOTALS:</b>					20916	588	20916	4183	348	360	4549	1232	

**1** REVISED 06-24-2024



F-6932 15021 Katy Freeway, Suite 500 Houston, Texas, 77094 281-945-0069 PH 281-945-0081 FX					
<b>FM 455</b>					
<b>SUMMARY OF QUANTITIES</b>					
SHEET 3 OF 4					
DN:	RM	FED. RD. DIV. NO.	STATE	PROJECT NO.	HIGHWAY NO.
CK DN:	RC	6	TEXAS	SEE TITLE SHEET	FM 455
DW:	RM	STATE DIST.	COUNTY	CONTROL/SECTION NO.	JOB NO.
CK DW:	RC	DAL	COLLIN	0816 04	104, ETC
					SHEET NO. 19

R:\mof\in 10:34:14 AM  
 6/24/2024  
 N:\P5072-0018-19-1\CADD\DN\01-GENERAL\_FM455-GNSM\*03.dgn  
 ... \TXDOT-BW-HALF\PDF-PI\TCFG

SUMMARY OF DRAINAGE							
ITEM		402	462	464	466	467	
DESC. CODE		6001	6024	6005	6183	6395	
SHEET NO.	LOCATION	TRENCH EXCAVATION PROTECTION	CONC BOX CULV (9 FT X 5 FT)	RC PIPE (CL III) (24 IN)	WINGWALL (PW - 1) (HW=8 FT)	SET (TY II) (24 IN) (RCP) (6: 1) (P)	
	FROM	TO	LF	LF	LF	EA	EA
CSJ: 0816-04-104							
1	BEGIN	111+00.00					
2	111+00.00	122+00.00					
3	122+00.00	133+00.00		192			6
4	133+00.00	END					
CSJ: 0816-04-104 SUBTOTAL				192			6
CSJ: 0816-04-105							
5	BEGIN	210+00.00					
6	210+00.00	END	67	104		2	
CSJ: 0816-04-105 SUBTOTAL			67	104		2	
PROJECT TOTALS			67	104	192	2	6



SUMMARY OF SIGNING QUANTITIES						
ITEM		644	644	644	644	644
DESC. CODE		6001	6004	6010	6033	6036
SHEET NO.	LOCATION	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 TY10BWG (1) SB (P-BM)	IN SM RD SN SUP&AM TYS80 (1) SA (U)	IN SM RD SN SUP&AM TYS80 (1) SA (U -BM)
		EA	EA	EA	EA	EA
CSJ: 0816-04-104						
1	BEGIN TO STA 111+00.00	3				
2	STA 111+00.00 TO STA 133+00.00	8	1		3	1
3	STA 133+00.00 TO END	1				
SUBTOTAL CSJ: 0816-04-104		12	1		3	1
CSJ: 0816-04-105						
4	BEGIN TO END	4		2		2
SUBTOTAL CSJ: 0816-04-105		4		2		2
PROJECT TOTALS		16	1	2	3	3

SUMMARY OF PAVEMENT MARKING QUANTITIES											
ITEM		533	533	658	658	666	666	666	666	666	672
DESC. CODE		6003	6004	6014	6016	6048	6171	6225	6308	6320	6009
SHEET NO.	LOCATION	RUMBLE STRIPS (SHOULDER) ASPHALT	RUMBLE STRIPS (CENTERLINE) ASPHALT	INSTR DEL ASSM (D-SW) SZ (BRF) CTB (BI)	INSTR DEL ASSM (D-SW) SZ (BRF) GF1 (BI)	REFL PAV MRK TY I (W) 24" (SLD) (100MIL)	REFL PAV MRK TY II (W) 6" (BRK)	PAVEMENT SEALER 6"	RE PM W/RET REQ TY I (W) 6" (SLD) (090MIL)	RE PM W/RET REQ TY I (Y) 6" (SLD) (090MIL)	REFL PAV MRKR TY II-A-A
		LF	LF	EA	EA	LF	LF	LF	LF	LF	EA
CSJ: 0816-04-104											
1	BEGIN TO STA 111+00.00	2110	1055	8	9			580	2600	2600	33
2	STA 111+00.00 TO STA 133+00.00	2442	1221	8	14	16	113	480	4846	4860	56
3	STA 133+00.00 TO END	200	100						1000	1000	13
SUBTOTAL CSJ: 0816-04-104		4752	2376	16	23	16	113	1060	8446	8460	102
CSJ: 0816-04-105											
4	BEGIN TO END	2650	1325	12	19	76	142	800	3175	3704	45
SUBTOTAL CSJ: 0816-04-105		2650	1325	12	19	76	142	800	3175	3704	45
PROJECT TOTALS		7402	3701	28	42	92	255	1860	11621	12164	147

SUMMARY OF SW3P QUANTITIES													
ITEM		161	164	164	168	506	506	506	506	506	506	730	5026
DESC. CODE		6017	6035	6051	6001	6002	6011	6020	6024	6038	6039	6107	6003
SHEET NO.	LOCATION	COMPOST MANUF TOPSOIL (4")	DRILL SEEDING (PERM) (RURAL) (CLAY)	DRILL SEED (TEMP) (WARM OR COOL)	VEGETATIVE WATERING	ROCK FILTER DAMS (INSTALL) (TY 2)	ROCK FILTER DAMS (REMOVE)	CONSTRUCTION EXITS (INSTALL) (TY 1)	CONSTRUCTION EXITS (REMOVE)	TEMP SEDMT CONT FENCE (INSTALL)	TEMP SEDMT CONT FENCE (REMOVE)	FULL - WIDTH MOWING	ASBESTOS ABATEMENT (OTHER)
		SY	SY	SY	MG	LF	LF	SY	SY	LF	LF	CYC	SF
CSJ: 0816-04-104													
1	BEGIN TO STA 111+00.00	7995	7995	7995	2379	327	327	224	224	1273	1273		
2	STA 111+00.00 TO STA 133+00.00	22976	22976	22976	6836	449	449			2536	2536		
3	STA 133+00.00 TO END	1232	1232	1232	367			224	224	117	117		
*25% MAINTENANCE QUANTITIES				8051	2395	194	194	112	112	982	982		
SUBTOTAL CSJ: 0816-04-104		32203	32203	40254	11976	970	970	560	560	4908	4908	6	
CSJ: 0816-04-105													
4	BEGIN TO END	16808	16808	16808	5001	183	183	224	224	2586	2586		
*25% MAINTENANCE QUANTITIES				4202	1250	46	46	56	56	647	647		
SUBTOTAL CSJ: 0816-04-105		16808	16808	21010	6251	229	229	280	280	3233	3233	6	
PROJECT TOTALS		49011	49011	61264	18227	1199	1199	840	840	8141	8141	12	218

\* 25% MAINTENANCE QUANTITIES ARE ALLOTTED FOR ROUTINE BMP REPAIR AND PERIODIC REPLACEMENTS.

 REVISED 06-24-2024

NO.	DATE	REVISION	APPROV.
			
			
F-6932 15021 Katy Freeway, Suite 500 Houston, Texas, 77094 281-945-0069 PH 281-945-0081 FX			
<b>FM 455</b>			
<b>SUMMARY OF QUANTITIES</b>			
SHEET 4 OF 4			
DN:	RM	FED. RD. DIV. NO.	STATE
CK DN:	RC	6	TEXAS
DW:	RM	STATE DIST.	COUNTY
CK DW:	RC	DAL	COLLIN
		PROJECT NO.	HIGHWAY NO.
		SEE TITLE SHEET	FM 455
		CONTROL SECTION NO.	JOB NO.
		0816 04	104, ETC
		SHEET NO.	20

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