

SUBJECT: PLANS AND PROPOSAL ADDENDUMS

PROJECT: C 1155-1-17

CONTROL: 1155-01-017

COUNTY: MARTIN

LETTING: 06/06/2024

REFERENCE NO: 0524

**PROPOSAL ADDENDUMS**

- 
- PROPOSAL COVER
  - BID INSERTS (SH. NO.: ALL )
  - GENERAL NOTES (SH. NO.: ALL )
  
  - SPEC LIST (SH. NO.: )
  - SPECIAL PROVISIONS: )
  - ADDED:
  
  - DELETED:
  
  - SPECIAL SPECIFICATIONS:
  - ADDED:
  
  - DELETED:
  
  - OTHER: PLAN SHEETS AND OTHER CHANGES

DESCRIPTION OF ABOVE CHANGES  
(INCLUDING PLANS SHEET CHANGES)

\*\*\*\*\* Bid Insert \*\*\*\*\*

ALL BID INSERT PROPOSAL SHEETS AND E&Q SHEET 11B - 11C ARE REPLACED AS PART OF THIS ADDENDUM

ADDED ALTERNATE BID ITEM 3080-6007

\*\*\*\*\* General Notes \*\*\*\*\*

ALL GENERAL NOTES PROPOSAL SHEETS AND PLAN SHEETS 10A AND 10F ARE REPLACED AS PART OF THIS ADDENDUM

SHEET C ITEM 132: REVISED NOTES

SHEET M ITEM 3077: REVISED NOTES

SHEET N ITEM 3080: REVISED NOTES

\*\*\*\*\* Plan Sheets \*\*\*\*\*

DESCRIPTION OF ABOVE CHANGES  
(INCLUDING PLANS SHEET CHANGES)

(CONTINUED)

SHEETS 10A, 10F (GENERAL NOTES): REFER TO GENERAL NOTES CHANGES AS NOTED ABOVE

SHEET 11B - 11C (ESTIMATE & QUANTITY): REFER TO BID INSERT CHANGES AS NOTED ABOVE

SHEET 15: ADDED ALTERNATE BID ITEM

-Storm Water Pollution Prevention Plan

-Environmental Permit, Issues And Commitments (EPIC)

Maintain ingress and egress to side streets and private property at all times.

Initiate the installation of Item 628 "Electrical Services" as part of the initial work sequence to allow TxDOT the lead-time necessary for coordination with utility companies to establish and provide for electrical service(s) proposed for this project.

Working days will be computed and charged in accordance with Article 8. 3.1.4. "Standard Workweek."

90 day lead time is needed to allow for sufficient time to obtain and produce materials needed for various bid items in this project.

**Item 105: Removing Treated and Untreated Base and Asphalt Pavement**

Unused planned material will be the Contractor's property. Dispose of this material accordance with applicable Federal, State and local regulations

Saw cut and remove existing asphaltic pavement by an approved method.

**Item 110: Excavation**

Before excavation and embankment operations begin, windrow all topsoil (approx. 4 inches) to be reused on side slopes. This work is subsidiary to Item 110, "Excavation" and Item 132, "Embankment".

**Item 132: Embankment**

For all material with a plasticity index of less than 20, use test method Tex-113-E in lieu of test method Tex-114-E for determining the percent of density.

Type C embankment material shall meet testing requirements of Type A with the exception that the specification limit for PI is between 6 and 15, and no more that 15% of the total aggregate may be field sand or other uncrushed fine aggregate.

⚠ Material tests for material excavated from within the ROW will be waived. Densities will still be required as per item 132.

**Item 150: Blading**

Use blading to construct and remove side road turnouts, rebuild existing dikes, ditch blocks, and other work as directed.

When directed, fill and grade low areas outside the embankment areas to drain.

Preserve the top 4" of topsoil outside of the work area. Preserve this material in windrows until topsoil can be replaced and seeded to stabilize all exposed terrain.

**Item 216: Proof Rolling**

Proof rolling will be required on rock embankments where density tests are not practical and at other locations as directed.

**Item 247: Flexible Base**

The estimated quantity of flexible base shown includes all roadways, intersecting streets and driveways. The measured area for payment will be the crown width only. The side slope tapers are not included in the measurements for the flexible base but are considered subsidiary to this item.

Assume responsibility for the disposal of all boulders not fractured during ordinary rolling methods and those too large to be incorporated into the foundation course as approved.

Maintain moisture during compaction as directed by the Engineer. Determine the moisture content of the material in accordance with Tex-115-E or Tex-103-E as directed by the Engineer.

**Item 316: Seal Coat**

Apply one (1) surface treatment.

Furnish Class A aggregate for the surface course.

Do not apply asphalt cement between August 31st and May 1st unless authorized in writing.

Do not apply hot asphalt-rubber between August 31st and May 1st unless authorized in writing.

Place a string line or other suitable marking where needed to assure smooth neat lines or as directed.

Surface treat the existing surfaced intersections, auxiliary lanes, curve widenings and widened dip sections plus any additional areas encountered during construction to conform to the existing surface. The limits are the greater of the end of the curb returns, the right of way line, or the adjacent traffic lane.

Surface treat turnouts before the roadway is treated with the second one course surface treatment.

Rates are shown in the plans.

Perform rock land and shoot test strips for each day's work at each location or as directed by the Engineer.

Provide the Engineer with this information prior to the seal coat application. Provide control that is acceptable to the Engineer for yield calculations.

Ensure that all sealed expansion joints on bridges are covered by an approved method immediately prior to seal coat application. Keep the expansion joints covered until sweeping operations are complete. This work will be paid for under Item 316 as part of surface preparation.

Wet the stockpile of aggregate prior to use.

County: Martin  
Highway: FM 846

Sheet:  
Control: 1155-01-017

No more than 10% RAP will be allowed in the non-surface course.

No RAS will be allowed.

Mineral filler will not be allowed.

Lime will not be allowed as an anti-stripping agent.

**Item 3077: Superpave Mixtures**

Binder:

Provide a binder that has a Performance Grade of 70 -22 (PG 70 -22) for the SP-B mix.

Aggregate quality:

△ Furnish Class B aggregate for the Type SP-B mix.

Furnish aggregates for the shoulders and/or ramps that meet project SAC requirements.

Magnesium sulfate soundness loss will not be greater than 20 percent when Class A aggregate is required.

Mixture design:

Design a mixture with a gradation that has stone on stone contact and passes below the reference zone.

Test method Tex-530-C (Boil Test) will not be required.

Placement:

Semi-trailer type vehicles are prohibited from dumping directly into the finishing machine for the finished surface unless the trailer is equipped with an auger slatted chain or another approved conveyor.

No RAP will be allowed in the surface course.

No more than 10% RAP will be allowed in non-surface courses.

No RAS will be allowed.

Mineral filler will not be allowed.

Lime will not be allowed as an anti-stripping agent.

Field sand will not be allowed.

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Highway: FM 846

Sheet: 10F  
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**Item 3080: Stone-Matrix Asphalt**

Binder:

△ Provide a binder that has a Performance Grade of 76-22 (PG 76-22) for the SMA-D mix.

△ Furnish Type I asphalt-rubber binder containing Grade C rubber for SMAR-F mix.

Aggregate quality:

Provide Class A aggregate. Blending of SAC A and SAC B material will not be allowed for the coarse aggregate.

Magnesium sulfate soundness loss will not be greater than 20 percent when Class A aggregate is required.

Mixture design:

Test method Tex-530-C (Boil Test) will not be required.

Placement:

Semi-trailer type vehicles are prohibited from dumping directly into the finishing machine for the finished surface-unless the trailer is equipped with an auger slatted chain or another approved conveyor.

No RAP will be allowed in the surface course.

No more than 10% RAP will be allowed in non-surface courses.

No RAS will be allowed.

Mineral filler will not be allowed.

Lime will not be allowed as an anti-stripping agent.

Field sand will not be allowed.

**Item 6001: Portable Changeable Message Sign**

PCMS shall be placed in operation a minimum of one (1) week prior to construction. Location(s) and duration for PCMS shall be as directed by the Engineer;

**Item 6185: Truck Mounted Attenuator (TMA) and Trailer Attenuator (TA)**

General Note 5 of TCP (2-1)-18 provides for additional shadow vehicle(s) with truck mounted attenuator (TMA); one (1) additional shadow vehicle with TMA is included in the basis of estimate for this operation. The shadow vehicle(s) with TMA specified on the traffic control plan as "required" plus the 'additional shadow vehicle' is the quantity that has been estimated for this operation.



# Estimate & Quantity Sheet

CONTROLLING PROJECT ID 1155-01-017

DISTRICT Odessa  
HIGHWAY FM 846

COUNTY Martin

CONTROL SECTION JOB				1155-01-017		TOTAL EST.	TOTAL FINAL
PROJECT ID				A00178421			
COUNTY				Martin			
HIGHWAY				FM 846			
ALT	BID CODE	DESCRIPTION	UNIT	EST.	FINAL		
	644-6001	IN SM RD SN SUP&AM TY10BWG(1)SA(P)	EA	41.000		41.000	
	644-6004	IN SM RD SN SUP&AM TY10BWG(1)SA(T)	EA	26.000		26.000	
	644-6036	IN SM RD SN SUP&AM TYS80(1)SA(U-BM)	EA	4.000		4.000	
	644-6076	REMOVE SM RD SN SUP&AM	EA	72.000		72.000	
	658-6060	REMOVE DELIN & OBJECT MARKER ASSMS	EA	172.000		172.000	
	658-6100	INSTL OM ASSM (OM-2Z)(WFLX)GND(BI)	EA	172.000		172.000	
	662-6008	WK ZN PAV MRK NON-REMOV (W)6"(SLD)	LF	506,233.000		506,233.000	
	662-6016	WK ZN PAV MRK NON-REMOV (W)24"(SLD)	LF	576.000		576.000	
	662-6037	WK ZN PAV MRK NON-REMOV (Y)6"(SLD)	LF	587,793.000		587,793.000	
	662-6050	WK ZN PAV MRK REMOV (REFL) TY II-A-A	EA	7,347.000		7,347.000	
	662-6109	WK ZN PAV MRK SHT TERM (TAB)TY W	EA	46,900.000		46,900.000	
	662-6110	WK ZN PAV MRK SHT TERM (TAB)TY Y	EA	2,400.000		2,400.000	
	666-6036	REFL PAV MRK TY I (W)8"(SLD)(100MIL)	LF	1,638.000		1,638.000	
	666-6156	REFL PAV MRK TY I(Y)(MED NOSE)(100MIL)	EA	1.000		1.000	
	666-6225	PAVEMENT SEALER 6"	LF	400.000		400.000	
	666-6309	RE PM W/RET REQ TY I (W)6"(SLD)(100MIL)	LF	117,235.000		117,235.000	
	666-6318	RE PM W/RET REQ TY I (Y)6"(BRK)(100MIL)	LF	14,080.000		14,080.000	
	666-6321	RE PM W/RET REQ TY I (Y)6"(SLD)(100MIL)	LF	12,689.000		12,689.000	
	668-6076	PREFAB PAV MRK TY C (W) (24") (SLD)	LF	419.000		419.000	
	668-6077	PREFAB PAV MRK TY C (W) (ARROW)	EA	5.000		5.000	
	668-6085	PREFAB PAV MRK TY C (W) (WORD)	EA	5.000		5.000	
	668-6092	PREFAB PAV MRK TY C (W) (36")(YLD TRI)	EA	6.000		6.000	
	672-6007	REFL PAV MRKR TY I-C	EA	84.000		84.000	
	672-6009	REFL PAV MRKR TY II-A-A	EA	889.000		889.000	
	677-6002	ELIM EXT PAV MRK & MRKS (6")	LF	37,920.000		37,920.000	
	678-6002	PAV SURF PREP FOR MRK (6")	LF	400.000		400.000	
	3076-6037	D-GR HMA TY-D SAC-B PG64-22	TON	889.000		889.000	
	3076-6043	D-GR HMA TY-D PG70-22 (LEVEL-UP)	TON	998.000		998.000	
	3077-6007	SP MIXES SP-B SAC-B PG70-22	TON	99,605.000		99,605.000	
	3077-6075	TACK COAT	GAL	30,765.000		30,765.000	
	3084-6001	BONDING COURSE	GAL	25,114.000		25,114.000	
	6001-6002	PORTABLE CHANGEABLE MESSAGE SIGN	EA	6.000		6.000	
	6185-6002	TMA (STATIONARY)	DAY	508.000		508.000	
	6185-6005	TMA (MOBILE OPERATION)	DAY	76.000		76.000	
	04	PUBLIC UTILITY FORCE ACCT WORK (NON-PARTICIPATING)	LS	1.000		1.000	
	08	CONTRACTOR FORCE ACCOUNT SAFETY CONTINGENCY (NON-PARTICIPATING)	LS	1.000		1.000	

△ REVISED 5/28/24



DISTRICT	COUNTY	CCSJ	SHEET
Odessa	Martin	1155-01-017	11B



# Estimate & Quantity Sheet

CONTROLLING PROJECT ID 1155-01-017

DISTRICT Odessa

COUNTY Martin

HIGHWAY FM 846

CONTROL SECTION JOB				1155-01-017		TOTAL EST.	TOTAL FINAL
PROJECT ID				A00178421			
COUNTY				Martin			
HIGHWAY				FM 846			
ALT	BID CODE	DESCRIPTION	UNIT	EST.	FINAL		
	08	CONTRACTOR FORCE ACCOUNT EROSION CONTROL MAINTENANCE (NON-PARTICIPATING)	LS	1.000		1.000	
1	464-6003	RC PIPE (CL III)(18 IN)	LF	194.000		194.000	
2	464-6005	RC PIPE (CL III)(24 IN)	LF	2,420.000		2,420.000	
△ 3A	3080-6007	STONE-MTRX-ASPH SMA-D SAC-A PG76-22	TON	24,331.000		24,331.000	
△ 3	3080-6021	STONE-MTRX-ASPH SMAR-F SAC-A	TON	24,331.000		24,331.000	
1A	4216-6001	THERMOPLASTIC PIPE (PP) (18")	LF	194.000		194.000	
2A	4216-6002	THERMOPLASTIC PIPE (PP) (24")	LF	2,420.000		2,420.000	

△ REVISED 5/28/24




DISTRICT	COUNTY	CCSJ	SHEET
Odessa	Martin	1155-01-017	11C

MODEL-Roadway Summary 3  
 pw://halff-pw.bentley.com/halff-pw-01/Documents/34832\_00 FM 846 (SH 137-Howard Co)/500 CADD/4 - Design/Master Design/Files/Sheets/34832\_00-GN-SUMMARY OF ROADWAY 3-CALCS.dgn  
 SHEET: 11X171N (ANSI B)  
 TXDOT\_MON\_PENTABLE.tbl  
 PDF\_Mono\_HalfWT.pltcfgr  
 5/23/2024 5:37:16 PM


FM 846 ROADWAY SUMMARY - BASIS OF ESTIMATE (CONT)																						
SHEET	LOCATION	LENGTH	BEG WIDTH	END WIDTH	AVG WIDTH	FULL WIDTH AREA	WIDENED AREA	540	540	540	542	542	544	560	3076	3077	3077	3080	3080	3084		
								6006	6016	6018	6001	6002	6001	6003	6043	6007	6075	6007	6021	6001		
RATE UNIT		FT	FT	FT	FT	SY	SY	MTL BEAM GD FEN TRANS (THRIE-B EAM GD FEN) EA	DOWNSTREAM ANCHOR TERMINAL SECTION EA	MTL BM GD FEN TRANS (NON - SYM) EA	REMOVE METAL BEAM GUARD FENCE LF	REMOVE TERMINAL ANCHOR SECTION EA	GUARDRAIL END TREATMENT (INSTALL) EA	MAILBOX INSTALL-M (TWG-POST) TY 1 EA	D-GR HMA TY-B PG76-22 (LEVEL UP) TON	SP MIXES SP-B SAC-B PG 70-22 (6") 660 LBS/SY TON	TACK COAT 0.10 GAL/SY GAL	*STONE-MTRX- ASPH-SMA-D SAC-A (1.5") 165 LBS/SY TON	STONE-MTRX- ASPH SMAR-F SAC-A (1.5") 165 LBS/SY TON	BONDING COURSE 0.08 GAL/SY GAL		
1 OF 50	0+00 TO 9+00	900	260	50	155	4,740	1,200								19	1,822	561	446	446	449		
2 OF 50	9+00 TO 21+00	1,200	50	44	47	5,867	1,600								9	2,019	624	493	493	499		
3 OF 50	21+00 TO 33+00	1,200	44	44	44	5,867	1,600								9	1,994	616	487	487	493		
4 OF 50	33+00 TO 45+00	1,200	44	44	44	5,867	1,600								11	1,994	616	487	487	493		
5 OF 50	45+00 TO 57+00	1,200	44	44	44	5,867	1,600								12	1,994	616	487	487	493		
6 OF 50	57+00 TO 69+00	1,200	44	44	44	5,867	1,600								19	1,994	616	487	487	493		
7 OF 50	69+00 TO 81+00	1,200	44	44	44	5,867	1,600								21	1,994	616	487	487	493		
8 OF 50	81+00 TO 93+00	1,200	44	44	44	5,867	1,600								13	1,994	616	487	487	493		
9 OF 50	93+00 TO 105+00	1,200	44	44	44	5,867	1,600								7	1,994	616	487	487	493		
10 OF 50	105+00 TO 117+00	1,200	44	44	44	6,077	1,600								10	2,088	645	510	510	516		
11 OF 50	117+00 TO 129+00	1,200	44	44	44	5,867	1,600								10	1,994	616	487	487	493		
12 OF 50	129+00 TO 141+00	1,200	44	44	44	5,867	1,600								7	1,994	616	487	487	493		
13 OF 50	141+00 TO 153+00	1,200	44	44	44	5,867	1,600								26	1,994	616	487	487	493		
14 OF 50	153+00 TO 165+00	1,200	44	44	44	6,338	1,600								18	2,152	665	526	526	532		
15 OF 50	165+00 TO 177+00	1,200	44	44	44	5,867	1,600								14	1,994	616	487	487	493		
16 OF 50	177+00 TO 189+00	1,200	44	44	44	5,867	1,600								11	1,994	616	487	487	493		
17 OF 50	189+00 TO 201+00	1,200	44	44	44	5,867	1,600								32	1,994	616	487	487	493		
18 OF 50	201+00 TO 213+00	1,200	44	44	44	5,868	1,600								28	1,994	616	487	487	493		
19 OF 50	213+00 TO 225+00	1,200	44	44	44	5,867	1,600								10	1,994	616	487	487	493		
20 OF 50	225+00 TO 237+00	1,200	44	44	44	5,867	1,600								11	1,994	616	487	487	493		
21 OF 50	237+00 TO 249+00	1,200	44	44	44	5,867	1,600								28	1,994	616	487	487	493		
22 OF 50	249+00 TO 261+00	1,200	44	44	44	5,884	1,600								18	2,000	618	488	488	494		
23 OF 50	261+00 TO 273+00	1,100	44	44	44	6,069	1,467	2	2	2	413	4	2		29	2,092	646	511	511	517		
24 OF 50	273+00 TO 285+00	1,200	44	44	44	5,867	1,600								13	1,994	616	487	487	493		
25 OF 50	285+00 TO 297+00	1,200	44	44	44	5,867	1,600								23	1,994	616	487	487	493		
26 OF 50	297+00 TO 309+00	1,200	44	44	44	5,867	1,600								38	1,994	616	487	487	493		
27 OF 50	309+00 TO 321+00	1,200	44	44	44	5,867	1,600								12	1,994	616	487	487	493		
28 OF 50	321+00 TO 333+00	1,200	44	44	44	5,867	1,600								10	1,994	616	487	487	493		
29 OF 50	333+00 TO 345+00	1,200	44	44	44	5,867	1,600								12	1,994	616	487	487	493		
30 OF 50	345+00 TO 357+00	1,200	44	44	44	5,867	1,600								22	1,994	616	487	487	493		
31 OF 50	357+00 TO 369+00	1,200	44	44	44	5,867	1,600								17	1,994	616	487	487	493		
32 OF 50	369+00 TO 381+00	1,200	44	44	44	6,446	1,600								69	2,176	672	532	532	537		
33 OF 50	381+00 TO 393+00	1,200	44	44	44	5,867	1,600								81	1,994	616	487	487	493		
34 OF 50	393+00 TO 405+00	1,200	44	44	44	5,867	1,600								48	1,994	616	487	487	493		
35 OF 50	405+00 TO 417+00	1,200	44	44	44	5,867	1,600								20	1,994	616	487	487	493		
36 OF 50	417+00 TO 429+00	1,200	44	44	44	5,867	1,600								25	1,994	616	487	487	493		
37 OF 50	429+00 TO 441+00	1,200	44	44	44	5,867	1,600								30	1,994	616	487	487	493		
38 OF 50	441+00 TO 453+00	1,200	44	44	44	5,867	1,600								29	1,994	616	487	487	493		
39 OF 50	453+00 TO 465+00	1,200	44	44	44	5,867	1,600								21	1,994	616	487	487	493		
40 OF 50	465+00 TO 477+00	1,200	44	56	50	6,511	1,600								22	2,207	681	540	540	544		
41 OF 50	477+00 TO 489+00	1,200	56	44	50	6,528	1,600								10	2,213	683	541	541	546		
42 OF 50	489+00 TO 501+00	1,200	44	44	44	5,867	1,600								9	1,994	616	487	487	493		
43 OF 50	501+00 TO 513+00	1,200	44	44	44	5,867	1,600								13	1,994	616	487	487	493		
44 OF 50	513+00 TO 525+00	1,200	44	44	44	5,867	1,600							1	12	1,994	616	487	487	493		
45 OF 50	525+00 TO 537+00	1,200	44	44	44	6,166	1,600							1	8	2,093	647	512	512	517		
46 OF 50	537+00 TO 549+00	1,200	44	44	44	5,867	1,600								11	1,994	616	487	487	493		
47 OF 50	549+00 TO 561+00	1,200	44	44	44	5,867	1,600								31	1,994	616	487	487	493		
48 OF 50	561+00 TO 573+00	1,200	44	44	44	5,867	1,600								21	1,994	616	487	487	493		
49 OF 50	573+00 TO 585+00	1,200	44	38	41	6,339	1,600								18	2,151	664	526	526	531		
50 OF 50	585+00 TO 587+50	50	38	32	35	192	67								1	66	21	16	16	16		
FM 846 TOTALS								290,104	77,933	2	2	2	413	4	2	2	998	98,851	30,531	24,147	24,147	24,425

▲\* ALTERNATE BID ITEM FOR BID CODE 3080 6021

NO.	REVISION	BY	DATE



100 NE INTERSTATE 410 LOOP  
SUITE 701  
SAN ANTONIO, TEXAS 78216  
TEL (210) 798-1895 FIRM #F-312



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**CONSOLIDATED SUMMARY**

SCALE: NTS SHEET 04 OF 11

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		SHEET
6	SEE TITLE SHEET		15
STATE	DISTRICT	COUNTY	
TEXAS	ODA	MARTIN	
CONTROL	SECTION	JOB	HIGHWAY NO.
1155	01	017	FM 846

▲ REVISED 5/23/2024