

SUBJECT: PLANS AND PROPOSAL ADDENDUMS

PROJECT: F 2022(758)

CONTROL: 0374-06-022

COUNTY: HUDSPETH

LETTING: 06/29/2022

REFERENCE NO: 0627

**PROPOSAL ADDENDUMS**

- 
- PROPOSAL COVER
- BID INSERTS (SH. NO.: 1 AND 10 )
- GENERAL NOTES (SH. NO.: A AND S )
  
- SPEC LIST (SH. NO.: 1 )
- SPECIAL PROVISIONS:
- ADDED:
  
- DELETED:
  
- SPECIAL SPECIFICATIONS:
- ADDED:
  
- DELETED:
  
- OTHER: PLAN SHEETS AND OTHER CHANGES

DESCRIPTION OF ABOVE CHANGES  
(INCLUDING PLANS SHEET CHANGES)

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

BID ITEMS: ADDED ITEM 316-6001, 316-6224 AS ALTERNATIVE BID 1A.  
REVISED ITEM 3077-6075 AS ALTERNATIVE BID 1A.

\*\*\*\*\* GENERAL NOTES \*\*\*\*\*

SHEET A: ADDED ITEM 316 IN TABLE 1.

SHEET S: DELETE SEAL COAT ITEMS FROM TABLE UC AND REVISED GENERAL  
NOTE FOR ITEM 3085

\*\*\*\*\* SPECIFICATIONS LIST \*\*\*\*\*

SHEET 1 OF 4: ADDED ITEM 316 (210) (300) (302) (3096)

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

DESCRIPTION OF ABOVE CHANGES  
(INCLUDING PLANS SHEET CHANGES)

(CONTINUED)

SHEET 15 AND 15I: REFER TO GENERAL NOTES CHANGES AS NOTED ABOVE

SHEET 16B AND 16C (ESTIMATE AND QUANTITY SHEETS): ADDED ITEM 316-6001 AND 316-6224 AS ALTERNATIVE BID 1A. REVISED ITEM 3077-6075 AS ALTERNATIVE BID 1A.

SHEET 21 (SUMMARY SHEET): ADDED ITEM 316-6001, 316-6224 AND 3077-6075 AS ALTERNATIVE BID 1A. ADDED BASE BID TO ITEM 3085-6001.

CONTROL: 0374-06-022

COUNTY: HUDSPETH

HIGHWAY: US 62/180

CONTROL: 0374-06-022

SHEET 15

COUNTY: HUDSPETH

HIGHWAY: US 62/180

\*\*\*\*\* GENERAL NOTES \*\*\*\*\*

2014 Specification Book (Revised: August 26, 2020)

Specification Data

Table 1  
Basis of Estimate

Item	Description	Rate
310	Prime Coat (SS-1H)	0.20 gal./sq.yd.
314	Emulsified Asphalt Treatment (Erosion Control)	9.0 gal./STA
316	AGGR(TY-PB GR-4 SAC-B) ASPH(AC-20-5TR) (Warm Weather); ASPH(AC12-5TR) (Cool Weather)	110 SY/CY 0.35 GAL/SY
3076	Dense-Graded Hot-Mix Asphalt Tack Coat (TRAIL) <sup>2</sup>	1 in. = 110 lb./sq.yd. 0.15 gal./sq.yd.
3077	Superpave Mixtures Tack Coat (TRAIL) <sup>2</sup>	1 in. = 110 lb./sq.yd. 0.15 gal./sq.yd.
3085	Underseal Course: Refer to Item 3085 general note for material information	Refer to Item 3085 general note for rates

1. Deviation from the rates shown will require approval.
2. Tack Coat to be applied to each layer as directed by the Engineer. Rate shown is based on the desired residual application of 0.10 gal./sq.yd.

**General Requirements**

Maintain the entire project area in a neat and orderly manner throughout the duration of the work. Remove all construction litter and undesirable vegetation within the right of way inside the project limits. This work will be subsidiary to the various bid items.

General Project Description – This project consists of the construction of SP2 – Super-2 highway on US 62 in Hudspeth County, TX.

**TRAFFIC**

Contact the Engineer or the City when construction operations are within 400 feet of an illumination pole to determine/verify the location of conduit, ground-boxes, etc. Repair or replace any illumination equipment damaged by construction operations. The method of repair or replacement shall be pre-approved and inspected. This work shall be completed at the Contractor's expense.

Inform the Engineer and the respective utility companies, when it becomes apparent that the utility lines will interfere with the work in progress.

Contractor questions on this project are to be addressed to the following individual(s):

**Monica Ruiz, P.E.**  
District Construction Engineer  
[Monica.Ruiz@txdot.gov](mailto:Monica.Ruiz@txdot.gov)

**Aldo Madrid, P.E.**  
Director of Construction  
[Aldo.Madrid@txdot.gov](mailto:Aldo.Madrid@txdot.gov)

Contractor questions will be accepted through email, phone, and in person by the above individuals.

All contractor questions will be reviewed by the Engineer. Once a response is developed, it will be posted to TxDOT's Public FTP at the following Address:

<https://ftp.dot.state.tx.us/pub/txdot-info/Pre-Letting%20Responses/>

All questions submitted that generate a response will be posted through this site. The site is organized by District, Project Type (Construction or Maintenance), Letting Date, CCSJ/Project Name.

**ITEM 4 – SCOPE OF WORK**

Schedule and perform all work to assure proper drainage during the course of construction. All labor, tools, equipment and supervision required, to ensure drainage, removal, and handling of water shall be considered incidental work.

**ITEM 5 – CONTROL OF WORK**

The Department will furnish horizontal and vertical reference points. Contractor must verify horizontal and vertical reference points with conventional survey methods before proceeding with construction activities. Verification must be submitted for review and approval to the Department's R.P.L.S. prior to start of construction. Any discrepancies not reported will be at no additional cost to the Department.

Plan datum for this project is NAD 83 for horizontal and NAVD 88 for elevation based.

Electronic earthwork cross sections are available upon request, at bidding Contractor's expense, at the Area Engineer's office.

Keep traveled surfaces used in hauling operations clear and free of dirt or other material.

Existing pavement, utilities, structures, etc. damaged as a result of the operations will be repaired at no additional cost to the Department.

Protect from damage and destruction all areas of the right of way, which are not included in the actual limits of the proposed construction areas. Exercise care to prevent damage to trees, vegetation, and other natural features.

Protect trees, shrubs, and other landscape features from abuse, marring, or damage within the actual construction and/or fenced protection areas designated for preservation. Restore any area disturbed or damaged to a condition "as good as" or "better than" prior to start of construction operation. This work will be at the Contractor's expense.

Contractor to coordinate with Dell Telephone Cooperative, Inc. representative Canuto Mariscal at (432) 940-6654 or Marcos Morales at (432) 940-5418 to locate the lines before beginning work to identify any utility conflict. Notify the Engineer immediately of utility conflicts. The Dell Telephone Cooperative, Inc is responsible for any required utility adjustments in timely manner to avoid any effects on construction.

 GN Revised 6/14/2022 WT

 GN Revised 6/27/2022 WT



Place a string line or other suitable marking to ensure smooth, neat lines, or as directed. Provide smooth transitions to existing driveways and intersections.

Provide a minimum of 40 ft skis during paving operations to ensure smooth final surface.

Place longitudinal joints approximately 6 in. from the broken striping, or as directed. Avoid placing under the wheel path.

Operate the spreading and finishing machine at a uniform forward speed consistent with the plant production rate, hauling capability, and roller train capacity to result in a continuous operation. The speed will be slow enough, so that stopping between trucks is not ordinarily required. If the Engineer determines non-uniform delivery of material is affecting the SP-C placement, the Engineer may require the paving operations to cease until acceptable methods are employed to minimize starting and stopping of the paver.



**ITEM 3085 – UNDERSEAL COURSE**

The minimum application rates are listed in Table UC. The Engineer may adjust the application rate taking in consideration the existing pavement surface conditions.





Construct an underseal course using a Spray Applied Underseal Membrane,  applied before the placement of SP-C. 

Table UC

Material	Minimum Application Rate
Spray Applied Underseal Membrane	0.20 GAL/SY



**ITEM 6001 – PORTABLE CHANGEABLE MESSAGE SIGN**

Provide messages as directed.

Portable Changeable Message Sign to be available as deemed necessary.

**ITEM 6185 – TRUCK MOUNTED ATTENUATOR (TMA) AND TRAILER ATTENUATOR (TA)**

All TMA Operators must participate in a TMA workshop to be conducted by the El Paso District Safety Office, on the proper use of TMAs, prior to working on Department Right of Way (ROW). A certificate of completion will be issued to TMA Operators that successfully complete the TMA workshop. The certificate of completion must be carried by TMA Operators at all times while working on Department right of way.

Acquire the TCP and TMA Operator's certificates of completion prior to the authorization to begin work. No time suspension will be granted and no traffic control work will be allowed without certificates of completion.

Up to 2 total shadow vehicles with TMA will be required for this type of work. The contractor will be responsible for determining if one or more of these operations will be ongoing at the same time to determine the total number of TMAs needed for the project.

The supporting vehicle for the TMA shall have a minimum gross (i.e., ballasted) vehicular weight of 19,000 pounds.

Basis of Estimate for Stationary TMAs				
Phase	Standard	TMA(Stationary)		
		Required	Additional	TOTAL
1 - Step 1	TCP(2-2b)-18	2		2
1 - Step 2	TCP(2-2b)-18	2		2
2 - Step 1	TCP(2-3)-18	2		2
3 - Step 1A	TCP(2-2b)-18	2		2
3 - Step 1B	TCP(2-2b)-18	2		2
3 - Step 2B	TCP(2-2b)-18	2		2
3 - Step 2B	TCP(2-2b)-18	2		2

Basis of Estimate for Mobile TMAs				
Phase	Standard	TMA(Mobile)		
		Required	Additional	TOTAL
3	TCP(3-1)13/(3-3)-14	2		2



# Estimate & Quantity Sheet

CONTROLLING PROJECT ID 0374-06-022

DISTRICT El Paso  
HIGHWAY US 62

COUNTY Hudspeth

CONTROL SECTION JOB				0374-06-022		TOTAL EST.	TOTAL FINAL
PROJECT ID				A00059468			
COUNTY				Hudspeth			
HIGHWAY				US 62			
ALT	BID CODE	DESCRIPTION	UNIT	EST.	FINAL		
	644-6030	IN SM RD SN SUP&AM TYS80(1)SA(T)	EA	3.000		3.000	
	644-6031	IN SM RD SN SUP&AM TYS80(1)SA(T-2EXT)	EA	1.000		1.000	
	644-6033	IN SM RD SN SUP&AM TYS80(1)SA(U)	EA	6.000		6.000	
	644-6034	IN SM RD SN SUP&AM TYS80(1)SA(U-1EXT)	EA	6.000		6.000	
	644-6035	IN SM RD SN SUP&AM TYS80(1)SA(U-2EXT)	EA	2.000		2.000	
	644-6037	IN SM RD SN SUP&AM TYS80(1)SA(U-WC)	EA	6.000		6.000	
	644-6076	REMOVE SM RD SN SUP&AM	EA	72.000		72.000	
	658-6047	INSTL OM ASSM (OM-2Y)(WC)GND	EA	72.000		72.000	
	658-6060	REMOVE DELIN & OBJECT MARKER ASSMS	EA	86.000		86.000	
	658-6062	INSTL DEL ASSM (D-SW)SZ 1(BRF)GF2(BI)	EA	11.000		11.000	
	662-6063	WK ZN PAV MRK REMOV (W)4"(SLD)	LF	307,320.000		307,320.000	
	662-6095	WK ZN PAV MRK REMOV (Y)4"(SLD)	LF	307,320.000		307,320.000	
	662-6109	WK ZN PAV MRK SHT TERM (TAB)TY W	EA	9,398.000		9,398.000	
	662-6111	WK ZN PAV MRK SHT TERM (TAB)TY Y-2	EA	6,265.000		6,265.000	
	666-6006	REFL PAV MRK TY I (W)4"(DOT)(100MIL)	LF	1,596.000		1,596.000	
	666-6141	REFL PAV MRK TY I (Y)12"(SLD)(100MIL)	LF	955.000		955.000	
	666-6303	RE PM W/RET REQ TY I (W)4"(SLD)(100MIL)	LF	12,347.000		12,347.000	
	666-6306	RE PM W/RET REQ TY I (W)6"(BRK)(100MIL)	LF	8,899.000		8,899.000	
	666-6309	RE PM W/RET REQ TY I (W)6"(SLD)(100MIL)	LF	167,967.000		167,967.000	
	666-6312	RE PM W/RET REQ TY I (Y)4"(BRK)(100MIL)	LF	2,692.000		2,692.000	
	666-6315	RE PM W/RET REQ TY I (Y)4"(SLD)(100MIL)	LF	164,243.000		164,243.000	
	668-6076	PREFAB PAV MRK TY C (W) (24") (SLD)	LF	44.000		44.000	
	668-6077	PREFAB PAV MRK TY C (W) (ARROW)	EA	12.000		12.000	
	668-6083	PREFAB PAV MRK TY C (W) (LNDP ARROW)	EA	10.000		10.000	
	668-6085	PREFAB PAV MRK TY C (W) (WORD)	EA	6.000		6.000	
	672-6007	REFL PAV MRKR TY I-C	EA	452.000		452.000	
	672-6009	REFL PAV MRKR TY II-A-A	EA	2,323.000		2,323.000	
	3020-6001	REMOVE SHOULDER TEXTURING	LF	122,485.000		122,485.000	
	3076-6002	D-GR HMA TY-B SAC-B PG64-22	TON	19,936.000		19,936.000	
	3076-6066	TACK COAT	GAL	4,906.000		4,906.000	
	3076-6071	D-GR HMA TY-D PG 64-22 (EXEMPT)	TON	2,000.000		2,000.000	
	3077-6022	SP MIXESSP-CSAC-A PG70-22	TON	66,755.000		66,755.000	
	6000-6016	INSTALL ELECTRICAL SPLICE	EA	7.000		7.000	
	6001-6002	PORTABLE CHANGEABLE MESSAGE SIGN	EA	2.000		2.000	
	6010-6011	CCTV FIELD EQUIP (DIGITAL) (INSTL ONLY)	EA	2.000		2.000	
	6027-6003	CONDUIT (PREPARE)	LF	425.000		425.000	
	6027-6008	GROUND BOX (PREPARE)	EA	8.000		8.000	



Item 3077-6075 revised as alternate bid item 1A. REVISED 6/27/2022

DISTRICT	COUNTY	CCSJ	SHEET
El Paso	Hudspeth	0374-06-022	16B



# Estimate & Quantity Sheet

CONTROLLING PROJECT ID 0374-06-022

DISTRICT El Paso

COUNTY Hudspeth

HIGHWAY US 62

CONTROL SECTION JOB				0374-06-022		TOTAL EST.	TOTAL FINAL
PROJECT ID				A00059468			
COUNTY				Hudspeth			
HIGHWAY				US 62			
ALT	BID CODE	DESCRIPTION	UNIT	EST.	FINAL		
	6064-6046	ITS POLE (55 FT)(90 MPH)	EA	2.000		2.000	
	6064-6084	ITS POLE MNT CAB (TY 2)(CONF 2)	EA	2.000		2.000	
	6137-6005	INSTALLATION OF FES (FIELD CABINET)	EA	2.000		2.000	
	6163-6002	REMOVE EXISTING CABLES (POWER)	LF	560.000		560.000	
	6185-6002	TMA (STATIONARY)	DAY	188.000		188.000	
	6185-6005	TMA (MOBILE OPERATION)	DAY	43.000		43.000	
	6304-6003	ITS RVSD (DC ONLY) (INSTALL ONLY)	EA	2.000		2.000	
	6377-6001	SYSTEM INTEGRATION	EA	1.000		1.000	
	6386-6001	INSTALLATION OF CELLULAR MODEM	EA	2.000		2.000	
	16	MATERIAL FURNISHED BY THE STATE (PARTICIPATING)	LS	1.000		1.000	
	18	ELECTRICAL: CONTRACTOR FORCE ACCOUNT WORK (PARTICIPATING)	LS	1.000		1.000	
		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	
1A	316-6001	ASPH (MULTI OPTION)	GAL	174,065.000		174,065.000	
	316-6224	AGGR(TY-PB GR-4 SAC-B)	CY	4,520.000		4,520.000	
	3077-6075	TACK COAT	GAL	74,600.000		74,600.000	
1	3085-6001	UNDERSEAL COURSE	GAL	99,463.000		99,463.000	



Item 3077-6075 revised as alternate bid item. Item 316-6001 and 316-6224 added as alternate bid 1A. REVISED 6/27/2022 SP

SUMMARY OF ROADWAY ITEMS									3076-6066	3076-6071	3077-6022	ALTERNATIVE BID 1A	BASE BID	ALTERNATIVE BID 1A				
DESCRIPTION	STA	TO	STA	BEGIN WIDTH	END WIDTH	AVG WIDTH	LENGTH	SURFACE AREA	TACK COAT	D-GR HMA TY-D PG 64-22 (EXEMPT)	SP MIXES SP-C SAC-A PG70-22	3077-6075	3085-6001	316-6001	316-6224			
Unit	---->			FT	FT	FT	FT	SY	GAL	TON		GAL	GAL	GAL	CY			
Depth	---->																	
Rate	---->								0.15 GAL/SY		110 LB/SY/IN	0.15 GAL/SY	0.20 GAL/SY	0.35 GAL/SY	110 SY/CY			
US 62:																		
BEGIN PROJECT	3021+50.00	TO	3055+60.00	44.00	44.00	44.00	3,410.00	16,671			2,292	2,586	3,448	6,034	157			
	3055+60.00	TO	3064+60.00	44.00	56.00	50.00	900.00	5,000			693	773	1,030	1,803	47			
	3064+60.00	TO	3183+27.00	56.00	56.00	56.00	11,867.00	73,839			10,221	11,373	15,163	26,536	689			
	3183+27.00	TO	3187+77.00	56.00	44.00	50.00	450.00	2,500			346	386	515	901	23			
	3187+77.00	TO	3200+00.00	44.00	44.00	44.00	1,223.00	5,979		822	927	386	1,237	2,164	56			
	3200+00.00	TO	3204+50.00	44.00	56.00	50.00	450.00	2,500			346	386	515	901	23			
	3204+50.00	TO	3296+20.00	56.00	56.00	56.00	9,170.00	57,684			7,984	8,882	11,842	20,724	538			
	3296+20.00	TO	3305+20.00	56.00	44.00	50.00	900.00	5,000			693	773	1,030	1,803	47			
	3305+20.00	TO	3428+45.00	44.00	44.00	44.00	12,325.00	60,256		8,285	9,347	9,347	12,462	21,809	566			
	3428+45.00	TO	3437+45.00	44.00	56.00	50.00	900.00	5,000			693	773	1,030	1,803	47			
	3437+45.00	TO	3545+53.00	56.00	56.00	56.00	10,808.00	67,567			9,352	10,405	13,874	24,279	631			
	3545+53.00	TO	3550+03.00	56.00	44.00	50.00	450.00	2,500			346	386	515	901	23			
	3550+03.00	TO	3637+50.00	44.00	44.00	44.00	8,747.00	42,763		5,880	6,633	8,844	8,844	15,477	402			
	3637+50.00	TO	3642+00.00	44.00	56.00	50.00	450.00	2,500			346	386	515	901	23			
	3642+00.00	TO	3721+20.00	56.00	56.00	56.00	7,920.00	49,280			6,821	7,590	10,120	17,710	460			
	3721+20.00	TO	3730+20.00	56.00	44.00	50.00	900.00	5,000			693	773	1,030	1,803	47			
	3730+20.00	TO	3756+80.00	44.00	44.00	44.00	2,660.00	13,004		1,788	2,017	2,689	2,689	4,707	122			
	3756+80.00	TO	3765+80.00	44.00	56.00	50.00	900.00	5,000			693	773	1,030	1,803	47			
	3765+80.00	TO	3797+00.00	56.00	56.00	56.00	3,120.00	19,413			2,687	2,990	3,987	6,977	181			
	3797+00.00	TO	3814+00.00	56.00	56.00	56.00	1,700.00	10,578	1,686	580	1,464	1,629	2,172	3,801	99			
	3814+00.00	TO	3845+00.00	56.00	56.00	56.00	3,100.00	19,289			2,670	2,971	3,961	6,932	180			
	3845+00.00	TO	3849+50.00	56.00	44.00	50.00	450.00	2,500			346	386	515	901	23			
END PROJECT	3849+50.00	TO	3863+50.00	43.00	43.00	43.00	1,400.00	6,689			920	1,038	1,384	2,423	63			
FM 2317:																		
	196+60.00	TO	197+36.34	20.00	30.00	25.00	76.34	212			30	34	45	79	2			
	197+36.34	TO	198+88.47	30.00	30.00	30.00	152.13	507			71	80	106	186	5			
	198+88.47	TO	199+78.00	30.00	152.67	49.45	89.53	492			69	76	101	177	5			
RM 1111:																		
	196+00.00	TO	198+90.00	30.00	30.00	30.00	290.00	967			136	152	203	355	9			
	198+90.00	TO	199+78.00	30.00	152.54	49.66	88.00	486			68	75	100	175	5			
									SEE NOTE 3	SEE NOTE 3								
									3,220	1,420								
PROJECT TOTAL							84,896.00	483,176	4,906	2,000	19,987	46,768	22,548	52,052	30,064	69,399	174,065	4,520

NOTES:

1. PROVIDE 6 IN OF D-GR HMA TY-B SAC-B PG 64-22 FOR FLEXIBLE PAVEMENT STRUCTURE REPAIR AT THE PAVEMENT TRANSITION AT THE LOCATIONS SPECIFIED IN THE PLAN AND IDENTIFIED LOCATIONS AS DIRECTED BY THE ENGINEER. D-GR HMA TY-B SAC-B PG 64-22 WILL NOT BE MEASURED BUT CONSIDERED SUBSIDIARY TO ITEM 351.
2. PLANNING TO CORRECT RIDE QUALITY IDENTIFIED BY PROFILOGRAPH TESTING AS DIRECTED BY THE ENGINEER.
3. FILL DIPS IDENTIFIED BY PROFILOGRAPH TESTING; LEVEL-UP FOR SHOULDER AS DIRECTED BY THE ENGINEER.
4. TACK COAT WILL BE REQUIRED ONLY IF THE SEAL COAT ITEMS ARE USED AS UNDERSEAL COURSE. TACK COAT WILL NOT BE REQUIRED WITH SPRAY APPLIED UNDERSEAL MEMBRANE.

6/27/22	WT	2	ADDED ALTERNATIVE BID
6/14/22	WT	1	REVISED PAVEMENT SURFACE COURSE
DATE	BY	REV	REVISION



Engineered by Stantec Consulting Services Inc.  
Texas Registered Engineering Firm F-6324



US 62/180  
SUMMARY OF QUANTITIES

ROADWAY

SHEET 4 OF 4

FED RD DIV NO	FEDERAL AID PROJECT NO.	HIGHWAY
6	SEE TITLE SHEET	US 62/180
STATE	DISTRICT	COUNTY
TEXAS	ELP	HUDSPETH
CONTROL	SECTION	JOB
0374	06	022