

NOTIFICATION OF ADDENDUM

ADDENDUM NO. 1

DATED 10/05/2015

Control	0729-01-037, ETC.
Project	STP 1502(559)HES, ETC.
Highway	FM 121
County	GRAYSON

Ladies/Gentlemen:

Attached please find an addendum on the above captioned project. Included in the attachment is an addendum notification which details the changes and the respective proposal pages which were added and/or changed.

Except for new bid insert pages, it is unnecessary to return any of the pages attached.

Bid insert pages must be returned with the bid proposal submitted to the Department, unless your firm is submitting a bid using a computer print out. The computer print out must be changed to reflect the new bid item information.

Contractors and material suppliers, etc. who have previously been furnished informational proposals are not being furnished a copy of the addendum. If you have a subcontractor on the above project, please advise them of this addendum. Acknowledgment of this addendum is not requested if your company has been issued a proposal stamped "This Proposal Issued for Informational Purposes."

You are required to acknowledge receipt of this addendum on the Addendum Acknowledgement form contained in your bid proposal by placing a mark in the box next to the respective addendum.

Failure to Acknowledge receipt of this addendum in your bid proposal will result in your bid not being read.

SUBJECT: PLANS AND PROPOSAL ADDENDUMS
PROJECT: STP 1502(559)HES CONTROL: 0729-01-037
COUNTY: GRAYSON
LETTING: 10/07/2015
REFERENCE NO: 0930

PROPOSAL ADDENDUMS

- _ PROPOSAL COVER
X BID INSERTS (SH. NO.: 2-9,6-9,7-9, & 8-9)
X GENERAL NOTES (SH. NO.: G & L)

X SPEC LIST (SH. NO.: 2-3 & 3-3)
X SPECIAL PROVISIONS:
ADDED: 000---148, 002---004, 007---003

DELETED: 000---148 & 007---003

_ SPECIAL SPECIFICATIONS:
ADDED:

DELETED:

X OTHER: Plan Sheets 4,5C,5E,6,6A,7,9,12,15,16,47,48,60, & 145

DESCRIPTION OF ABOVE CHANGES
(INCLUDING PLANS SHEET CHANGES)

NEW WAGE RATE(S) Y

Proposal:

Added "Conflict of Interest Certification" to proposal.
Replaced existing Wage Rates with new Wage Rates.

Bid Insert:

Sheet 2-9, Revised Item 265 6005 to 260 6005.
Sheet 6-9, Revised quantity of Item 530 6009.
Sheet 7-9, Revised quantity of Items 560 6006, 560 6007, 644 6001,
644 6007, 644 6060, & 644 6061.
Sheet 8-9, Revised quantity of Item 644 6076.

Spec Data:

Sheet G: Revised notes for Item 400.
Sheet L: Revised notes for Item 5001.

Spec List:

Sheet 2-3: Added Special Provision 002---004. Replaced existing Special
Provision 007---003 with revised Special Provision 007---003 (dated 09-15)
Replaced Special Provision 000---148 with revised Special Provision
000---148 dated 10/15.

Plan Sheets:

Sheet 4 (Typical Section): Revised Typical Section to show 8" of cement
treatment.

DESCRIPTION OF ABOVE CHANGES
(INCLUDING PLANS SHEET CHANGES)

(CONTINUED)

Sheet 5C (General Notes), Revised notes for Item 400.
Sheet 5E (General Notes), Revised notes for Item 5001.
Sheet 6 (E&Q), Revised Item 265 6005 to 260 6005.
Sheet 6A (E&Q), Revised quantities of Items 530 6009, 560 6006, 560 6007, 644 6001, 644 6007, 644 6060, 644 6061, & 644 6076.
Sheet 7 (Quantity Summaries), Revised Item 265 6005 to 260 6005.
Sheet 9 (Quantity Summaries), Revised station of Elliot Cemetery drive.
Sheet 12 (Quantity Summaries), Revised quantities of Items 530 6009, 560 6006, 560 6007, 644 6001, 644 6007, 644 6060, 644 6061, & 644 6076.
Revised description of Item 644 6037. Revised station of Elliot Cemetery drive.
Sheet 15 (Sequence of Work), Revised notes for Phases II, III, & IV.
Sheet 16 (Traffic Control Summary), Clarified use of Portable Message Boards.
Sheet 47 (Plan View), Revised note concerning pond.
Sheet 48 (Plan View), Revised location of Elliot Cemetery Road and mailboxes. Added note concerning existing roadway width.
Sheet 60 (P&P Sheet), Revised location of Elliot Cemetery Road and added dimensions.
Sheet 145 (Layout of Erosion Control Measures), Revised location of Elliot Cemetery Road. Added note concerning existing roadway width.

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	100	6002		PREPARING ROW DOLLARS and CENTS	STA	363.270	1
	104	6017		REMOVING CONC (DRIVEWAYS) DOLLARS and CENTS	SY	523.000	2
	106	6001		OBLITERATING ABANDONED ROAD DOLLARS and CENTS	STA	82.130	3
	110	6001		EXCAVATION (ROADWAY) DOLLARS and CENTS	CY	37,538.000	4
	112	6001		SUBGRADE WIDENING (ORD COMP) DOLLARS and CENTS	STA	293.650	5
	132	6004		EMBANKMENT (FINAL)(DENS CONT)(TY B) DOLLARS and CENTS	CY	29,431.000	6
	152	6001		ROAD GRADER WORK (ORD COMP) DOLLARS and CENTS	STA	363.270	7
	164	6021		CELL FBR MLCH SEED(PERM)(RURAL)(SANDY) DOLLARS and CENTS	SY	168,843.000	8
	164	6029		CELL FBR MLCH SEED(TEMP)(WARM) DOLLARS and CENTS	SY	84,422.000	9
	164	6031		CELL FBR MLCH SEED(TEMP)(COOL) DOLLARS and CENTS	SY	84,422.000	10
	168	6001		VEGETATIVE WATERING DOLLARS and CENTS	MG	1,013.000	11

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	216	6001		PROOF ROLLING DOLLARS and CENTS	HR	8.000	12
	247	6275		FL BS (CMP IN PL)(TY D GR 4)(3") DOLLARS and CENTS	SY	85,093.000	13
	247	6344		FL BS (CMP IN PLACE)(TY D GR 4)(12") DOLLARS and CENTS	SY	23,207.000	14
	251	6066		REWORK BS MATL (TY C)(9")(ORD COMP) DOLLARS and CENTS	SY	49,337.000	15
	251	6095		REWORK BS MTL(TY B)(9")(ORD COMP) DOLLARS and CENTS	SY	42,572.000	16
	260	6005		LIME (QUICKLIME (SLURRY)) DOLLARS and CENTS	TON	490.000	17
	260	6073		LIME TRT (SUBGRADE)(8") DOLLARS and CENTS	SY	24,754.000	18
	275	6001		CEMENT DOLLARS and CENTS	TON	1,756.000	19
	275	6009		CEMENT TREAT (NEW BASE) (8") DOLLARS and CENTS	SY	23,207.000	20
	275	6014		CEMENT TREAT (MX EXST MTL & NW BS)(8") DOLLARS and CENTS	SY	85,091.000	21
	316	6001		ASPH (MULTI OPTION) DOLLARS and CENTS	GAL	88,804.000	22
	316	6002		AGGR (MULTI OPTION) DOLLARS and CENTS	CY	2,709.000	23

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	316	6029		ASPH (RC-250) DOLLARS and CENTS	GAL	30,325.000	24
	401	6001		FLOWABLE BACKFILL DOLLARS and CENTS	CY	74.000	25
	402	6001		TRENCH EXCAVATION PROTECTION DOLLARS and CENTS	LF	662.000	26
	432	6002		RIPRAP (CONC)(5 IN) DOLLARS and CENTS	CY	46.000	27
	432	6024		RIPRAP (STONE COMMON)(DRY)(12 IN) DOLLARS and CENTS	CY	122.000	28
	432	6045		RIPRAP (MOW STRIP)(4 IN) DOLLARS and CENTS	CY	309.000	29
	462	6011		CONC BOX CULV (6 FT X 4 FT) DOLLARS and CENTS	LF	56.000	30
	462	6063		CONC BOX CULV (8 FT X 4 FT)(EXTEND) DOLLARS and CENTS	LF	16.000	31
	464	6001		RC PIPE (CL III)(12 IN) DOLLARS and CENTS	LF	198.000	32
	464	6003		RC PIPE (CL III)(18 IN) DOLLARS and CENTS	LF	1,650.000	33
	464	6005		RC PIPE (CL III)(24 IN) DOLLARS and CENTS	LF	70.000	34
	464	6007		RC PIPE (CL III)(30 IN) DOLLARS and CENTS	LF	152.000	35

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	464	6008		RC PIPE (CL III)(36 IN) DOLLARS and CENTS	LF	228.000	36
	464	6009		RC PIPE (CL III)(42 IN) DOLLARS and CENTS	LF	222.000	37
	464	6010		RC PIPE (CL III)(48 IN) DOLLARS and CENTS	LF	60.000	38
	466	6095		HEADWALL (CH - PW - 0) (DIA= 18 IN) DOLLARS and CENTS	EA	2.000	39
	466	6101		HEADWALL (CH - PW - 0) (DIA= 36 IN) DOLLARS and CENTS	EA	2.000	40
	466	6102		HEADWALL (CH - PW - 0) (DIA= 42 IN) DOLLARS and CENTS	EA	1.000	41
	466	6136		HEADWALL (CH - PW - S) (DIA= 48 IN) DOLLARS and CENTS	EA	2.000	42
	466	6196		WINGWALL (PW - 2) (HW=7 FT) DOLLARS and CENTS	EA	2.000	43
	466	6198		WINGWALL (PW - 2) (HW=9 FT) DOLLARS and CENTS	EA	2.000	44
	467	6326		SET (TY II) (12 IN) (RCP) (6: 1) (P) DOLLARS and CENTS	EA	14.000	45
	467	6333		SET (TY II) (15 IN) (CMP) (6: 1) (P) DOLLARS and CENTS	EA	2.000	46
	467	6358		SET (TY II) (18 IN) (RCP) (4: 1) (C) DOLLARS and CENTS	EA	2.000	47

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	467	6363		SET (TY II) (18 IN) (RCP) (6: 1) (P) DOLLARS and CENTS	EA	84.000	48
	467	6395		SET (TY II) (24 IN) (RCP) (6: 1) (P) DOLLARS and CENTS	EA	6.000	49
	467	6417		SET (TY II) (30 IN) (RCP) (3: 1) (C) DOLLARS and CENTS	EA	2.000	50
	467	6419		SET (TY II) (30 IN) (RCP) (4: 1) (C) DOLLARS and CENTS	EA	4.000	51
	467	6448		SET (TY II) (36 IN) (RCP) (3: 1) (C) DOLLARS and CENTS	EA	6.000	52
	467	6454		SET (TY II) (36 IN) (RCP) (6: 1) (P) DOLLARS and CENTS	EA	4.000	53
	467	6461		SET (TY II) (42 IN) (RCP) (3: 1) (C) DOLLARS and CENTS	EA	5.000	54
	472	6002		REMOV & RE - LAY PIPE (12 IN) DOLLARS and CENTS	LF	154.000	55
	472	6003		REMOV & RE - LAY PIPE (15 IN) DOLLARS and CENTS	LF	32.000	56
	472	6004		REMOV & RE - LAY PIPE (18 IN) DOLLARS and CENTS	LF	110.000	57
	496	6007		REMOV STR (PIPE) DOLLARS and CENTS	LF	1,692.000	58
	496	6008		REMOV STR (BOX CULVERT) DOLLARS and CENTS	LF	48.000	59

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	500	6001		MOBILIZATION DOLLARS and CENTS	LS	1.000	60
	502	6001		BARRICADES, SIGNS AND TRAFFIC HAN- DLING DOLLARS and CENTS	MO	19.000	61
	506	6001	001	ROCK FILTER DAMS (INSTALL) (TY 1) DOLLARS and CENTS	LF	300.000	62
	506	6011	001	ROCK FILTER DAMS (REMOVE) DOLLARS and CENTS	LF	300.000	63
	506	6038	001	TEMP SEDMT CONT FENCE (INSTALL) DOLLARS and CENTS	LF	1,080.000	64
	506	6039	001	TEMP SEDMT CONT FENCE (REMOVE) DOLLARS and CENTS	LF	1,080.000	65
	530	6004		DRIVEWAYS (CONC) DOLLARS and CENTS	SY	523.000	66
	530	6005		DRIVEWAYS (ACP) DOLLARS and CENTS	SY	1,400.000	67
	530	6006		DRIVEWAYS (SURF TREAT) DOLLARS and CENTS	SY	2,475.000	68
	530	6009		TURNOUTS (SURF TREAT) DOLLARS and CENTS	SY	406.000	69
	530	6016		DRIVEWAYS (BASE) DOLLARS and CENTS	SY	1,833.000	70
	540	6001		MTL W-BEAM GD FEN (TIM POST) DOLLARS and CENTS	LF	3,751.000	71

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	540	6006		MTL BEAM GD FEN TRANS (THRIE-BEAM) DOLLARS and CENTS	EA	12.000	72
	542	6001		REMOVE METAL BEAM GUARD FENCE DOLLARS and CENTS	LF	4,751.000	73
	542	6002		REMOVE TERMINAL ANCHOR SECTION DOLLARS and CENTS	EA	40.000	74
	544	6001		GUARDRAIL END TREATMENT (INSTALL) DOLLARS and CENTS	EA	30.000	75
	552	6001		WIRE FENCE (TY A) DOLLARS and CENTS	LF	100.000	76
	560	6006		MAILBOX INSTALL-M (TWG-POST) TY 2 DOLLARS and CENTS	EA	2.000	77
	560	6007		MAILBOX INSTALL-S (WC-POST) TY 3 DOLLARS and CENTS	EA	12.000	78
	644	6001		IN SM RD SN SUP&AM TY10BWG(1)SA(P) DOLLARS and CENTS	EA	12.000	79
	644	6007		IN SM RD SN SUP&AM TY10BWG(1)SA(U) DOLLARS and CENTS	EA	2.000	80
	644	6037		IN SM RD SN SUP&AM TYS80(1)SA(U-WC) DOLLARS and CENTS	EA	2.000	81
	644	6060		IN SM RD SN SUP&AM TYTWT(1)WS(P) DOLLARS and CENTS	EA	50.000	82
	644	6061		IN SM RD SN SUP&AM TYTWT(1)WS(T) DOLLARS and CENTS	EA	8.000	83

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	644	6076		REMOVE SM RD SN SUP&AM DOLLARS and CENTS	EA	99.000	84
	658	6014		INSTL DEL ASSM (D-SW)SZ (BRF)CTB (BI) DOLLARS and CENTS	EA	9.000	85
	658	6049		INSTL OM ASSM (OM-2Z)(FLX)GND(BI) DOLLARS and CENTS	EA	41.000	86
	658	6062		INSTL DEL ASSM (D-SW)SZ 1(BRF)GF2(BI) DOLLARS and CENTS	EA	50.000	87
	662	6032		WK ZN PAV MRK NON-REMOV (Y)4"(BRK) DOLLARS and CENTS	LF	2,720.000	88
	662	6034		WK ZN PAV MRK NON-REMOV (Y)4"(SLD) DOLLARS and CENTS	LF	81,043.000	89
	662	6111		WK ZN PAV MRK SHT TERM (TAB)TY Y-2 DOLLARS and CENTS	EA	6,498.000	90
	666	6048		REFL PAV MRK TY I (W)24"(SLD)(100MIL) DOLLARS and CENTS	LF	161.000	91
	666	6300		RE PM W/RET REQ TY I (W)4"(BRK)(100MIL) DOLLARS and CENTS	LF	2,720.000	92
	666	6303		RE PM W/RET REQ TY I (W)4"(SLD)(100MIL) DOLLARS and CENTS	LF	92,260.000	93
	666	6315		RE PM W/RET REQ TY I (Y)4"(SLD)(100MIL) DOLLARS and CENTS	LF	81,043.000	94
	672	6009		REFL PAV MRKR TY II-A-A DOLLARS and CENTS	EA	1,150.000	95

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	677	6001		ELIM EXT PAV MRK & MRKS (4") DOLLARS and CENTS	LF	1,049.000	96
	678	6001		PAV SURF PREP FOR MRK (4") DOLLARS and CENTS	LF	1,049.000	97
	5001	6001		GEOGRID BASE REINFORCEMENT (TY I) DOLLARS and CENTS	SY	26,578.000	98
	6001	6002		PORTABLE CHANGEABLE MESSAGE SIGN DOLLARS and CENTS	EA	2.000	99
	6024	6025		PAVEMENT SEALER 4" DOLLARS and CENTS	LF	1,049.000	100

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Sheet:

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GENERAL NOTES

General:

Questions prior to letting may be submitted by email to the names listed below and will be answered by email:

Sherman Area Office

Aaron Bloom, P.E. – aaron.bloom@txdot.gov

Colby Shelton, P.E. – colby.shelton@txdot.gov

A file containing these questions and answers will be available for review by other contractors.

Dispose of waste materials at an approved site. Furnish written approval from the property owner before disposal of waste materials.

Locate equipment a minimum of 30 feet from roadway when possible. Place signs and barricades as approved.

Stockpile sites for construction materials will be approved. Give at least 48 hours notification prior to stockpiling material.

Soil Sulfates Mitigation- The following notes are referenced hereafter by Items 110, 132 & 260:

Subgrade Sulfate Testing ~ Once proposed subgrade elevations are obtained TXDOT may test subgrade using an in-field conductivity machine to determine where necessary soil samples will be collected for laboratory testing. Laboratory testing will determine necessary high sulfate mitigation techniques.

0 – 3,000 ppm of sulfates - no restrictions.

3,001 – 7,000 ppm of sulfates - In a single application, add the prescribed total amount of lime. Uniformly mix the lime into the soil being treated. Lightly compact the mixture to seal and minimize carbonation. Maintain moisture content above optimum. Three days after initial addition of lime, determine soluble sulfate concentration sampled at locations as directed using Tex-145-E, and if the sulfate measurement has been reduced to 3,000 ppm or less, then no additional lime or mellowing time is necessary; however, if sulfate measurement has not been reduced to 3,000 ppm or less, then add 4% additional lime. Uniformly mix the lime into the pretreated soil. Lightly compact the mixture to seal and minimize carbonation and mellow an additional 7 days while maintaining moisture content above optimum. Reprocess the soil-lime mixture to meet the gradation requirements in Item 260, Table 1, and compact it at the optimum moisture content.

Greater than 7,000 ppm of sulfates - Do not bring this soil onto project. Remove or process as directed.

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The Department will pay for additional lime treatment of material originating in TxDOT right-of-way when sulfate concentrations are greater than 3,000 ppm and such material is required to be used as shown in the plans.

Item 2 Instructions to Bidders:

View plans on-line or download from the web at:

<http://www.txdot.gov/business/letting-bids/plans-online.html>

Order plans from any of the plan reproduction companies shown on the web at:

<http://www.txdot.gov/business/letting-bids/repro-companies.html>

Item 5 Control of the Work:

The responsibility for the construction surveying on this contract will be in accordance with Section 5.9.1, Method A for stations 200+08 to 268+76 and Section 5.9.3 Method C for the remaining portion of project.

Item 7 Legal Relations and Responsibilities:

The Contractor Force Account "Safety Contingency" that has been established for this project is intended to be utilized for work zone enhancements, to improve the effectiveness of the Traffic Control Plan, that could not be foreseen in the project planning and design stage. These enhancements will be mutually agreed upon by the Engineer and the Contractor's Responsible Person based on weekly or more frequent traffic management reviews on the project. The Engineer may choose to use existing bid items if it does not slow the implementation of enhancement.

Item 8 Prosecution and Progress:

This project includes SP 008 ---003 which allows up to a 90 day delay to begin work on the project.

Provide a Critical Path Method (CPM) progress schedule for this project.

Limit pavement rework/construction operations to completed two mile sections.

Item 100 Preparing Right of Way:

Remove all trees and underbrush to ROW line on both sides of roadway. At cross structures, remove trees and underbrush to ROW line and within 100' of the structure, parallel to the roadway. Neatly trim trees, overhanging branches and all underbrush to produce a 60' vertical clear area within the limits of Prep ROW. Remove any trees or underbrush that interferes with any construction operation, including relocation of ditches or other drainage elements. Receive approval of

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equipment used to trim limbs. A boom axe will not be allowed. Remove all trimmed debris from the ROW, unless otherwise approved.

Remove buildings and connected utilities from ROW. Drain and fill livestock pond on ROW.

Item 106 Obliterating Abandoned Road:

Salvage of existing flex base/asphaltic surface will be paid under Item 251.

Excavation and embankment necessary to grade existing ROW to original condition will be paid under Item 110 and 132.

Existing FM 121 from station 250+86 to 259+12 shall be narrowed to a 16 foot pavement width to provide access to Elliot Cemetery.

Item 110 Excavation:

Material below finished subgrade elevation suspected of containing sulfates will be tested in accordance with Tex -145-E by the Department. Treat subgrade material to the required depth and width in accordance with the Soil Sulfates Mitigation General Notes.

Item 132 Embankment:

Test potential embankment sources using Tex-145-E to determine the presence and concentration of sulfates.

Embankment sources containing sulfates that meet specification requirements may be used as fill material provided it is placed with at least one foot of separation from materials to be treated with lime, cement, or other calcium-based stabilizers. When soils are to be placed with less than one foot of separation from material to be treated with lime, cement, or other calcium based stabilizers, process and treat such soils according to the Soil Sulfates Mitigation General Notes.

No additional compensation will be made for stabilizing and treating embankment material obtained outside TxDOT right-of-way which has a sulfate concentration exceeding 3,000 ppm.

Before placing embankment the existing topsoil shall be salvaged per Item 160 Redistribute the salvage topsoil over the new embankment. Expenses for this work, i.e. equipment, materials, hauling, excavation, labor, tools, incidentals, etc. shall not be paid for directly, but will be considered subsidiary to Item 132.

Proof roll prepared subgrade areas (curve modifications). This work will be subsidiary to Item 132.

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Item 152 Road Grader Work:

Use road grader work to windrow sod (6" depth), construct slopes, prepare driveways for surfacing, grade ditches as necessary to establish drainage and redistribute sod on finished slopes.

Cut ditches to proposed grade in the immediate vicinity of cross drain structures prior to placing Storm Water BMP devices at the early stages of the project.

If excess material is generated under this item, it may be utilized to construct slopes, or wasted as approved.

Item 164 Seeding for Erosion Control, 166 Fertilizer:

Apply fertilizer with a ratio of 3-1-2 over the areas to be seeded. This work will not be paid for directly, but will be considered subsidiary.

Item 168 Vegetative Watering:

Use water trucks equipped with a sprinkler system adequate to permit coverage of the entire seeded area from the roadbed. This equipment must be available to perform watering throughout the duration of vegetative establishment.

Water all seeded areas the day seed is applied. Thereafter, maintain the seeded areas in a well-watered condition throughout the duration of vegetative establishment.

Item 247 Flexible Base:

Grading requirements

Tests to be in accordance with TxDOT Standard Test Methods

Soil Constants

Item Desc.	Linear Shrinkage	LL	Wet Ball	WBMV(incr. passing #40 sieve)
Item 247 Flex Base	6.0 max.	40 max.	40 max.	20% max.

PERCENT RETAINED ON SIEVE:

1-3/4"	7/8"	3/8"	No. 4	No. 40
0	10-35	30-50	45-65	70-85

Flexible Base will not contain more than 1% by weight of clay balls.

Place blue top hubs for alignment and elevations of new base at centerline and edge of pavement.

Measure roadway profile smoothness after the cover prime is placed.

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Item 251 Reworking Base Courses:

Full depth HMAC patching and stabilized areas of various depths are to be expected and are to be reworked into existing base. Stabilized areas may include but are not limited to cement, fly ash, or asphalt treated base.

Item 260 Lime Treatment (Road Mixed):

Subgrade, embankment or backfill suspected of containing sulfates will be tested in accordance with Tex -145-E by the Department. Treat subgrade, embankment or backfill material to the required depth and width in accordance with the Soil Sulfates Mitigation General Notes.

Item 275 Cement Treatment (Road Mixed):

Cement stabilized flexible base strength requirement is 300 psi minimum (7 day unconfined compressive strength). Percent cement shown in plans is preliminary. TxDOT will test project materials during construction for target strength and may adjust percent cement.

Microcrack areas where flexible base widths accept full width of roller.

In narrow widening areas where road mixing equipment cannot be operated in an effective manner, mix flexible base and cement off site, then place in widening area.

Subgrade, embankment or backfill suspected of containing sulfates will be tested in accordance with Tex-145-E by the Department. Subgrade, embankment or backfill material within one foot of any area to be treated using cement is subject to the following restriction:

Greater than 7,000 ppm – Do not treat with any cement or other calcium based stabilizers. Material within one foot of any area to be treated with cement or other calcium based stabilizers must be removed or processed as directed.

Item 300 Asphalts, Oils, and Emulsions:

Provide 1L (1qt.) clean and dry screw top or friction-lid sampling cans as directed.

Furnish at least one sample of each type of asphalt used on the project for QA/QC purposes.

Item 302 Aggregates for Surface Treatments:

Grade 5 Modified Grading Requirements

CUMULATIVE PERCENT RETAINED ON SIEVE:

1/2"	3/8"	No. 4	No. 8	No. 200
0	0-5	30-80	85-100	95-100

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The decantation requirement for Grade 5 Modified aggregate is 4% maximum.

The requirements for Flakiness Index, Magnesium Sulfate Soundness, and Los Angeles Abrasion are waived for the Grade 5 Modified aggregate.

Use unmodified AC, PG, or emulsion for precoating aggregate.

Use liquid antistripping or other approved antistripping agent complying with the requirements of Item 301 Asphalt Antistripping Agents. The aggregate will be evaluated for moisture susceptibility using test method TEX-530-C.

Place aggregate stockpiles at: FM 121 @ Block Rd, SH 289 @ BNSF Railroad North of Gunter, US 75 @ County Line Rd, FM 121 intersection with SH 160 on Northwest side.

Item 316 Surface Treatments:

Unless otherwise permitted by the Engineer in writing, the open season for asphalt placement will be:

May 15- August 31 for AC

Permission to place asphalt outside of the open season may require the contractor to place a fog seal at the contractor's expense.

***Rates For Construction Projects**

First Course

ITEM	APPLICATION	
	Cover Prime	1 st Course
*Asphalt Type	RC-250	AC-15P or AC-20-5TR or AC-20XP
*Asph. Rate (Gal/SY)	0.28	0.46
Aggregate Type	B or L	B or L
Aggregate Grade	5 or Mod 5	3
Aggr. Rate (CY/SY)	1:140	1:105
Min. Cure Time	14 days **	

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Second Course

ITEM	APPLICATION
	2 nd Course
*Asphalt Type	AC-15P or AC-20-5TR or AC-20XP
*Asph. Rate (Gal/SY)	0.36
Aggregate Type	PB or PL
Aggregate Grade	4
Aggr. Rate (CY/SY)	1:120

* The information above is intended to provide general guidance and as a basis of estimate. Based on the season and weather conditions at the time, the engineer will determine the asphalt type and rates to be used at the time of application.

** Or as approved by the Engineer

Item 400 Excavation and Backfill for Structures:

Excavation and backfill for bridge, culvert, headwalls and Safety End Treatment construction/installation will be subsidiary to Item 430, 460, 462, 464, 467 and 472.

Ensure adequate excavation protection is installed/performed to prevent excavation collapse. Refer to appropriate regulations/professional consultants concerning excavation protection.

Item 402 Trench Excavation Protection:

Ensure that open roadway lanes are protected from excavation collapse - this may also be required on excavations less than 5 feet in depth.

Item 421 Hydraulic Cement Concrete:

For structural concrete, if the air content is more than 1.5% below the required air, follow manufacturer recommendations to add the necessary approved air-entraining agent (AEA) to increase the air content at the job site. Limit the addition of AEA in the field to one trial. Do not reject the load of concrete due to low air content, but accept based on strength tests.

If the Contractor elects to use air entrainment in concrete when not required, the upper spec limit will not be waived.

Item 432 Riprap:

Filter fabric required for stone riprap.

Item 450 Railing:

Ensure that no rail ends are left exposed overnight.

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Item 462 Concrete Box Culverts and Drains:

Excavation, backfill embankment, cut and restore pavement, labor, materials, etc. required to reconstruct the structure over the required lap length (Item 440) will be subsidiary to the Item 430 extension pay length indicated in the plans.

Removal and disposal of headwalls and wing walls will be subsidiary to this Item.

Item 464 Reinforced Concrete Pipe:

Cut and restore pavement, pipe saw cutting, labor, materials, etc. will be subsidiary to this Item.

Removal and disposal of headwalls and wing walls will be subsidiary to this Item.

Item 466 Headwalls and Wingwalls:

Unless shown in the plans to obtain from offsite source, obtain SET backfill from ROW and perform grading to shape ditch to SET, per Engineers directions. This work will be subsidiary to this Item.

Item 467 Safety End Treatment:

Pipe culverts ~ 30" diameter and smaller require precast SETs.

Riprap aprons for precast SETs are not required.

Repair damage culvert ends prior to SET installation. Repair minor damaged RCP ends with epoxy mortar. This work will be subsidiary to this Item.

On existing CMP culverts ~ for mitered metal ends, construct concrete cast in place SETs or remove the miter ends and install/construct SETs.

During SET installation, match SET flow line grade with the culvert flow line grade.

Unless shown in the plans to obtain from offsite source, obtain SET backfill from ROW and perform grading to shape ditch to SET, per Engineers directions. This work will be subsidiary to this Item.

Removal and disposal of non-standard headwalls, wingwalls and SET's will be subsidiary to this Item.

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Item 496 Removing Structures

Removal and relocating of precast SETs at culverts will be subsidiary to culvert removal.

Item 502 Barricades, Signs and Traffic Handling:

All flaggers are required to wear a white hard hat while performing flagging operations.

The traffic control plan for this contract consists of the installation and maintenance of warning signs and other traffic control devices shown in the plans, specification data which may be included in the general notes, applicable provisions of the Texas Manual on Uniform Traffic Control Devices (TMUTCD), traffic control plan sheets included in the plans, standard BC sheets and Item 502 of the Standard Specifications.

Do not begin Item 502, Barricades, Signs, and Traffic Handling, on the roadway until both of the following conditions are met:

1. The work schedule is approved.
2. No more than 5 workdays will pass between the beginning of Item 502 and the actual commencement of roadway work bid items.

The final estimate will be withheld until all disturbed areas are covered with at least 70% perennial vegetative cover.

Correct all deficiencies within the time frame noted on the Traffic Control Device Inspection Form 599. Failure to make corrections within time frame specified may result in no payment for this Item for the month of the noted deficiency.

Ensure that both travel lanes are open at night.

Provide access to private property and Public Roads at all times.

Provide Portable Traffic Signals per Standard TCP (2-8)-12.

Provide pilot car during one lane/two way traffic operations.

Road closures must be approved by the Engineer. Provide a two week advance notice to the Engineer prior to desired roadway closure period. Begin display of closure information on PCMBs two weeks prior to roadway closure.

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Item 506 Temporary Erosion, Sedimentation & Environmental Controls:

The Temporary Erosion Control measures for this project will consist of using the following items, as directed:

1. Temporary Silt Fence
2. Rock Filter Dams

Silt fences will remain the property of the Contractor upon completion of the project. The final estimate will not be released until all silt fences have been properly removed, or as directed and 70% establishment of vegetative cover is obtained.

Acquire approval for any change to the location of temporary sediment fence, as shown in the plans, prior to installation. Placement of erosion protection devices may be altered, as directed, to satisfy the requirements of the SW3P.

The pay item to remove rock filter dams will require only a partial removal after 70 percent perennial vegetation has been established and approved. When removing the rock filter dams, leave the lower layer of rock adjacent to the ground in place so as not to disturb the soil.

The total disturbed area for the project is 34.88 acres.

The disturbed area in this project, all project locations in the Contract, and Contractor project specific locations (PSLs) within one mile of the project limits will further establish the authorization requirements for storm water discharges. The Department will obtain an authorization to discharge storm water from the Texas Commission on Environmental Quality (TCEQ) for the construction activities shown on the plans. Obtain any required authorization from the TCEQ for any Contractor PSLs for construction support activities on or off ROW. When the total area disturbed for all projects in the Contract and PSLs within one mile of the project limits exceeds five acres, provide a copy of the Contractors NOI for PSLs on the ROW (to the appropriate MS4 operator when on an off-system route).

Item 530 Intersections, Driveways and Turnouts:

Dirt driveway shaping/construction will be subsidiary to Item 110, 132 and 152.

Existing concrete driveways at stations 185+37 and 193+19 have decorative pave stone. Driveway modification at the indicated locations requires that decorative pave stone shall be reinstalled to the original condition and quality. Take care to prevent damage to the existing pave stones to allow reuse in the proposed work. Any leftover salvaged pave stone shall be returned to the property owner. This work shall be subsidiary to this Item.

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Item 540 Metal Beam Guard Fence

Salvage existing components on this project for reuse when up to current standards. Provide rail, posts, hardware, blockouts and incidentals as necessary when salvaged components are damaged or do not meet current standards.

Item 542 Removing Metal Beam Guard Fence

Stockpile usable salvaged MBGF rail at the TXDOT office located at 3904 US 75 South Sherman TX.

Item 560 Mailbox Assemblies:

Install new mailboxes unless the property owner chooses to have an existing, compliant mailbox reinstalled. Return all custom non-compliant mailboxes to the property owner. All new mailboxes furnished and installed by the contractor will display the address number using one inch (1") adhesive back numbering. The color, style, and type of numbering shall be consistent throughout the project.

Item 644 Small Roadside Sign Support and Assemblies:

Remove the existing city street and county road topper from city and county signs and install them onto the new city street and county road stop sign assemblies. This will not be paid for directly but shall be considered subsidiary to Item 644.

Salvage existing sign support components that are in good condition and meet current TXDOT standards. Reuse the salvaged components in proposed sign assemblies.

Upon removal of sign assemblies reuse existing sign blanks where applicable and deliver unused sign faces to the TxDOT office located at 3904 US 75 South Sherman TX. Dispose of foundations, posts, and hardware.

Once the cover prime is completed, the Paris District Traffic Operations office will field verify the need and spacing of chevrons. If this verification results in fewer materials, the Paris District will purchase the excess signs at invoice price.

Stake proposed sign locations and obtain approval of locations prior to placing foundations.

Item 662 Work Zone Pavement Markings:

Non-removable markings may be paint and beads.

Place flexible reflective roadway tabs in accordance with the current WZ (STPM) prior to seal

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coat operations. Place tabs to indicate the beginning and ending of no passing zones.

Cut, remove and properly dispose of the upright portions of all work zone tabs prior to acceptance of any roadway. Remove entire tab when located on concrete surfaces.

Item 666 Reflectorized Pavement Markings:

No contract stripe will be placed unless the inspector is present and at least 24 hours advance notice has been given by the Contractor.

Lay out pilot lines for approval 24 hours prior to all final pavement marking applications.

Use equipment with footage counters capable of measuring the linear footage placed. Calibrate counters prior to the beginning of striping operations.

Due to problems in traffic handling, do not place a dash center stripe and edge line at the same time.

TXDOT personnel will re-establish no pass zones. Provide five day prior notice to TXDOT personnel.

Item 5001 Geogrid Base Reinforcement:

Provide Geogrid material in 13 Ft. widths unless otherwise approved. ~~Install with at least a 1 ft overlap along the longest joint when construction sequencing allows as determined by the Engineer.~~ Abut Geogrid widths edge to edge at centerline.

Install Geogrid per manufacturer's specifications as well with the following exceptions / inclusions:

1. Cascade Base onto Geogrid using a bulldozer to a depth of at least six inches so that no equipment has direct contact with Geogrid. Raise dozer blade gradually as each lift is pushed out over the Geogrid.
2. Do not operate rubber tired equipment directly on Geogrid unless allowed by the Engineer. Should operating rubber tired equipment directly on Geogrid be allowed, operate at no more than 5 mph, do not turn tires on the Geogrid or make sudden stops and starts which causes excessive deformation waves. Keep Geogrid taut and flat. Adjustments to Geogrid installation or construction methods may be directed by the Engineer to minimize deformation waves.
3. Sufficiently compact unbound buffer layer directly above Geogrid to achieve the required density in all subsequently constructed pavement layers.

CONTROL : 0729-01-037, ETC
PROJECT : STP 1502(559)HES, ETC
HIGHWAY : FM 121
COUNTY : GRAYSON

TEXAS DEPARTMENT OF TRANSPORTATION

GOVERNING SPECIFICATIONS AND SPECIAL PROVISIONS

ALL SPECIFICATIONS AND SPECIAL PROVISIONS APPLICABLE TO THIS PROJECT ARE IDENTIFIED AS FOLLOWS:

STANDARD SPECIFICATIONS: ADOPTED BY THE TEXAS DEPARTMENT OF
----- TRANSPORTATION NOVEMBER 1, 2014.
STANDARD SPECIFICATIONS ARE INCORPORATED
INTO THE CONTRACT BY REFERENCE.

ITEMS 1 TO 9 INCL., GENERAL REQUIREMENTS AND COVENANTS
ITEM 100 PREPARING RIGHT OF WAY (100)
ITEM 104 REMOVING CONCRETE
ITEM 106 OBLITERATING ABANDONED ROAD
ITEM 110 EXCAVATION (132)
ITEM 112 SUBGRADE WIDENING (110)(132)(204)
ITEM 132 EMBANKMENT (100)(160)(204)(210)(216)(260)(400)
ITEM 152 ROAD GRADER WORK (110)(132)(150)(154)(156)
ITEM 164 SEEDING FOR EROSION CONTROL (162)(166)(168)
ITEM 168 VEGETATIVE WATERING
ITEM 216 PROOF ROLLING (210)
ITEM 247 FLEXIBLE BASE (105)(204)(210)(216)(520)
ITEM 251 REWORKING BASE COURSES (204)(210)(216)(247)(520)
ITEM 260 LIME TREATMENT (ROAD-MIXED) (105)(132)(204)(210)(216)
(247)(300)(310)(520)
ITEM 275 CEMENT TREATMENT (ROAD-MIXED) (132)(204)(210)(216)(247)
(300)(310)(520)
ITEM 316 SEAL COAT (210)(300)(302)
ITEM 401 FLOWABLE BACKFILL (421)
ITEM 402 TRENCH EXCAVATION PROTECTION
ITEM 432 RIPRAP (247)(420)(421)(431)(440)
ITEM 462 CONCRETE BOX CULVERTS AND DRAINS (400)(402)(403)(420)
(421)(422)(424)(440)(464)(476)
ITEM 464 REINFORCED CONCRETE PIPE (400)(402)(403)(467)(476)
ITEM 466 HEADWALLS AND WINGWALLS (400)(420)(421)(432)(440)(464)
ITEM 467 SAFETY END TREATMENT (400)(420)(421)(432)(440)(442)(445)
(460)(464)
ITEM 472 REMOVING AND RE-LAYING CULVERT (400)(402)(403)(460)(464)
(476)
ITEM 496 REMOVING STRUCTURES

ITEM 500 MOBILIZATION
 ITEM 502 BARRICADES, SIGNS, AND TRAFFIC HANDLING
 ITEM 506 TEMPORARY EROSION, SEDIMENTATION, AND ENVIRONMENTAL
 CONTROLS (161) (432) (556)
 ITEM 530 INTERSECTIONS, DRIVEWAYS, AND TURNOUTS (247) (260) (263)
 (275) (276) (292) (316) (330) (334) (340) (360) (421) (440)
 ITEM 540 METAL BEAM GUARD FENCE (421) (441) (445) (529)
 ITEM 542 REMOVING METAL BEAM GUARD FENCE
 ITEM 544 GUARDRAIL END TREATMENTS
 ITEM 552 WIRE FENCE (445) (492)
 ITEM 560 MAILBOX ASSEMBLIES
 ITEM 644 SMALL ROADSIDE SIGN ASSEMBLIES (421) (440) (441) (442) (445)
 (636) (643) (656)
 ITEM 658 DELINEATOR AND OBJECT MARKER ASSEMBLIES (445)
 ITEM 662 WORK ZONE PAVEMENT MARKINGS (666) (668) (672) (677)
 ITEM 666 RETROREFLECTORIZED PAVEMENT MARKINGS (316) (318) (502) (662)
 (677) (678)
 ITEM 672 RAISED PAVEMENT MARKERS (677) (678)
 ITEM 677 ELIMINATING EXISTING PAVEMENT MARKINGS AND MARKERS (300)
 (302) (316)
 ITEM 678 PAVEMENT SURFACE PREPARATION FOR MARKINGS (677)

SPECIAL PROVISIONS: SPECIAL PROVISIONS WILL GOVERN AND TAKE
 ----- PRECEDENCE OVER THE SPECIFICATIONS ENUMERATED
 HEREON WHEREVER IN CONFLICT THEREWITH.

REQUIRED CONTRACT PROVISIONS, FEDERAL-AID CONSTRUCTION CONTRACTS
 (FORM FHWA 1273, MAY, 2012)

WAGE RATES

SPECIAL PROVISION "SCHEDULE OF LIQUIDATED DAMAGES" (000---001)
 SPECIAL PROVISION "NONDISCRIMINATION" (000---002)
 SPECIAL PROVISION "CERTIFICATION OF NONDISCRIMINATION IN EMPLOYMENT"
 (000---003)
 SPECIAL PROVISION "NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO
 ENSURE EQUAL EMPLOYMENT OPPORTUNITY" (000---004)
 SPECIAL PROVISION "STANDARD FEDERAL EQUAL EMPLOYMENT OPPORTUNITY
 CONSTRUCTION CONTRACT SPECIFICATIONS" (000---005)
 SPECIAL PROVISION "ON-THE-JOB TRAINING PROGRAM" (000---006)
 SPECIAL PROVISION "DISADVANTAGED BUSINESS ENTERPRISE IN FEDERAL AID
 CONTRACTS" (000---007)
 SPECIAL PROVISION "IMPORTANT NOTICE TO CONTRACTORS" (000---010)
 SPECIAL PROVISION "IMPORTANT NOTICE TO CONTRACTORS" (000---148)
 SPECIAL PROVISION TO ITEM 2 (002---004)
 SPECIAL PROVISION TO ITEM 6 (006---001)
 SPECIAL PROVISIONS TO ITEM 7 (007---001) (007---003)
 SPECIAL PROVISION TO ITEM 8 (008---003)
 SPECIAL PROVISION TO ITEM 300 (300---009)
 SPECIAL PROVISION TO ITEM 506 (506---001)

SPECIAL SPECIFICATIONS:

ITEM 5001 GEOGRID BASE REINFORCEMENT
ITEM 6001 PORTABLE CHANGEABLE MESSAGE SIGN
ITEM 6024 HIGH PERFORMANCE PAVEMENT MARKINGS WITH RETROREFLECTIVE
REQUIREMENTS (502) (677) (678) (6040)
ITEM 6040 MOBILE RETROREFLECTIVITY DATA COLLECTION FOR PAVEMENT
MARKINGS

GENERAL: THE ABOVE-LISTED SPECIFICATION ITEMS ARE THOSE UNDER WHICH
----- PAYMENT IS TO BE MADE. THESE, TOGETHER WITH SUCH OTHER
PERTINENT ITEMS, IF ANY, AS MAY BE REFERRED TO IN THE ABOVE-
LISTED SPECIFICATION ITEMS, AND INCLUDING THE SPECIAL
PROVISIONS LISTED ABOVE, CONSTITUTE THE COMPLETE SPECIFI-
CATIONS FOR THIS PROJECT.

CONFLICT OF INTEREST CERTIFICATION

Pursuant to Texas Government Code Section 2261.252(b), the Department is prohibited from entering into contracts in which Department officers and employees have a financial interest.

By signing the Contract, the Contractor certifies that it is not prohibited from entering into a Contract with the Department as a result of a financial interest as defined under Texas Government Code Section 2261.252(b), and that it will exercise reasonable care and diligence to prevent any actions or conditions that could result in a conflict of interest with the Department.

The Contractor also certifies that none of the following individuals, nor any of their family members within the second degree of affinity or consanguinity, owns 1% or more interest or has a financial interest as defined under Texas Government Code Section 2261.252(b) in the Contractor:

- Any member of the Texas Transportation Commission; and
- The Department's Executive Director, General Counsel, Chief of Procurement and Field Support Operations, Director of Procurement, and Director of Contract Services.

Violation of this certification may result in action by the Department.

The wage rates listed are those predetermined by the Secretary of Labor and State Statute to be the minimum wages paid. To determine the applicable wage rate zone, a list entitled "TEXAS COUNTIES IDENTIFIED BY WAGE RATE ZONES" is provided in the contract. Any wage rate that is not listed must be submitted to the Engineer for approval. IMPORTANT NOTICE FOR STATE PROJECTS; only the controlling wage rate zone applies to the contract. Effective 7-31-2015

CLASS. #	CLASSIFICATION DESCRIPTION	ZONE TX07 1/2/15	ZONE TX08 1/2/15	ZONE TX11 1/2/15	ZONE TX12 7/3/15	ZONE TX14 7/31/15	ZONE TX16 1/2/15	ZONE TX18 1/2/15	ZONE TX34 1/2/15	ZONE TX35 1/2/15	ZONE TX37 1/2/15	ZONE TX38 1/2/15	ZONE TX40 7/31/15	ZONE TX41 1/2/15	ZONE TX54 1/2/15	ZONE TX56 1/2/15	ZONE TX63 7/31/15
1428	Agricultural Tractor Operator						\$12.69					\$12.35			\$11.75		
1300	Asphalt Distributor Operator	\$14.87	\$13.48	\$13.88	\$15.72	\$15.58	\$15.55	\$15.72	\$13.28	\$15.32	\$15.62	\$14.36	\$14.25	\$14.03	\$13.75	\$14.06	\$14.40
1303	Asphalt Paving Machine Operator	\$13.40	\$12.25	\$12.35	\$13.87	\$14.05	\$14.36	\$14.20	\$13.26	\$13.99	\$14.68	\$12.92	\$13.44	\$12.53	\$14.00	\$14.32	\$12.99
1106	Asphalt Raker	\$12.28	\$10.61	\$12.02	\$14.21	\$11.65	\$12.12	\$11.64	\$11.44	\$12.69	\$12.05	\$11.34	\$11.67	\$11.40	\$12.59	\$12.36	\$11.78
1112	Batching Plant Operator, Asphalt																
1115	Batching Plant Operator, Concrete																
1214	Blaster																
1615	Boom Truck Operator						\$18.36										
1444	Boring Machine Operator																
1305	Broom or Sweeper Operator	\$11.21	\$10.33	\$10.10	\$11.99		\$11.04	\$11.62		\$11.74	\$11.41	\$10.30		\$10.23	\$10.60	\$12.68	\$11.05
1144	Communications Cable Installer																
1124	Concrete Finisher, Paving and Structures	\$13.55	\$12.46	\$13.16	\$12.85	\$12.64	\$12.56	\$12.77	\$12.44	\$14.12	\$13.04	\$13.38	\$12.64	\$12.80	\$12.79	\$12.98	\$13.32
1318	Concrete Pavement Finishing Machine Operator				\$16.05		\$15.48			\$16.05		\$19.31				\$13.07	
1315	Concrete Paving, Curing, Float, Texturing Machine Operator											\$16.34				\$11.71	
1333	Concrete Saw Operator				\$14.67					\$14.48	\$17.33					\$13.99	
1399	Concrete/Gunite Pump Operator																
1344	Crane Operator, Hydraulic 80 tons or less				\$18.22		\$18.36			\$18.12	\$18.04	\$20.21			\$18.63	\$13.86	
1345	Crane Operator, Hydraulic Over 80 Tons																
1342	Crane Operator, Lattice Boom 80 Tons or Less	\$16.82	\$14.39	\$13.85	\$17.27		\$15.87			\$17.27		\$14.67			\$16.42	\$14.97	\$13.87
1343	Crane Operator, Lattice Boom Over 80 Tons				\$20.52		\$19.38			\$20.52		\$17.49			\$25.13	\$15.80	
1306	Crawler Tractor Operator	\$13.96	\$16.63	\$13.62	\$14.26		\$15.67			\$14.07	\$13.15	\$13.38			\$14.60	\$13.68	\$13.50
1351	Crusher or Screen Plant Operator																
1446	Directional Drilling Locator						\$11.67										
1445	Directional Drilling Operator				\$20.32		\$17.24										
1139	Electrician	\$20.96		\$19.87	\$19.80		\$26.35		\$20.27	\$19.80		\$20.92				\$27.11	\$19.87
1347	Excavator Operator, 50,000 pounds or less	\$13.46	\$12.56	\$13.67	\$17.19		\$12.88	\$14.38	\$13.49	\$17.19		\$13.88			\$14.09	\$12.71	\$14.42
1348	Excavator Operator, Over 50,000 pounds		\$15.23	\$13.52	\$17.04		\$17.71			\$16.99	\$18.80	\$16.22				\$14.53	\$13.52
1150	Flagger	\$10.10	\$10.10	\$10.10	\$10.28	\$10.10	\$10.10	\$10.10		\$10.10	\$10.10	\$10.10	\$10.10	\$10.10	\$10.10	\$10.33	\$10.10
1151	Form Builder/Setter, Structures	\$13.52	\$12.30	\$13.38	\$12.91	\$12.71	\$12.87	\$12.38	\$12.26	\$13.84	\$12.98	\$13.07	\$13.61	\$12.82	\$14.73	\$12.23	\$12.25
1160	Form Setter, Paving & Curb	\$12.36	\$12.16	\$13.93	\$11.83	\$10.71	\$12.94			\$13.16	\$12.54	\$11.33	\$10.69		\$13.33	\$12.34	\$13.93
1360	Foundation Drill Operator, Crawler Mounted				\$17.99					\$17.99						\$17.43	
1363	Foundation Drill Operator, Truck Mounted		\$16.86	\$22.05	\$21.51		\$16.93			\$21.07	\$20.20	\$20.76		\$17.54	\$21.39	\$15.89	\$22.05
1369	Front End Loader Operator, 3 CY or Less	\$12.28	\$13.49	\$13.40	\$13.85		\$13.04	\$13.15	\$13.29	\$13.69	\$12.64	\$12.89			\$13.51	\$13.32	\$12.17
1372	Front End Loader Operator, Over 3 CY	\$12.77	\$13.69	\$12.33	\$14.96		\$13.21	\$12.86	\$13.57	\$14.72	\$13.75	\$12.32			\$13.19	\$13.17	\$13.02
1329	Joint Sealer																
1172	Laborer, Common	\$10.30	\$10.10	\$10.10	\$10.51	\$10.71	\$10.50	\$10.24	\$10.58	\$10.72	\$10.45	\$10.30	\$10.25	\$10.10	\$10.54	\$11.02	\$10.15
1175	Laborer, Utility	\$11.80	\$11.53	\$12.70	\$12.17	\$11.81	\$12.27	\$12.11	\$11.33	\$12.32	\$11.80	\$11.53	\$11.23	\$11.50	\$11.95	\$11.73	\$12.37
1346	Loader/Backhoe Operator	\$14.18	\$12.77	\$12.97	\$15.68		\$14.12			\$15.18	\$13.58	\$12.87		\$13.21	\$14.13	\$14.29	\$12.90

CLASS. #	CLASSIFICATION DESCRIPTION	ZONE TX07 1/2/15	ZONE TX08 1/2/15	ZONE TX11 1/2/15	ZONE TX12 7/3/15	ZONE TX14 7/31/15	ZONE TX16 1/2/15	ZONE TX18 1/2/15	ZONE TX34 1/2/15	ZONE TX35 1/2/15	ZONE TX37 1/2/15	ZONE TX38 1/2/15	ZONE TX40 7/31/15	ZONE TX41 1/2/15	ZONE TX54 1/2/15	ZONE TX56 1/2/15	ZONE TX63 7/31/15
1187	Mechanic	\$20.14	\$15.47	\$17.47	\$17.74	\$17.00	\$17.10			\$17.68	\$18.94	\$18.58	\$17.00	\$16.61	\$18.46	\$16.96	\$17.47
1380	Milling Machine Operator	\$15.54	\$14.64	\$12.22	\$14.29		\$14.18			\$14.32	\$14.35	\$12.86			\$14.75	\$13.53	\$12.80
1390	Motor Grader Operator, Fine Grade	\$17.49	\$16.52	\$16.88	\$17.12	\$18.37	\$18.51	\$16.69	\$16.13	\$17.19	\$18.35	\$17.07	\$17.74	\$17.47	\$17.08	\$15.69	\$20.01
1393	Motor Grader Operator, Rough	\$16.15	\$14.62	\$15.83	\$16.20	\$17.07	\$14.63	\$18.50		\$16.02	\$16.44	\$15.12	\$16.85	\$14.47	\$17.39	\$14.23	\$15.53
1413	Off Road Hauler			\$10.10	\$12.26		\$11.88			\$12.25		\$12.23			\$13.00	\$14.60	
1196	Painter, Structures					\$21.29	\$18.34						\$21.29			\$18.62	
1396	Pavement Marking Machine Operator	\$16.42		\$13.10	\$13.55		\$19.17	\$12.01		\$13.63	\$14.60	\$13.17		\$16.65	\$10.54	\$11.18	\$13.10
1443	Percussion or Rotary Drill Operator																
1202	Piledriver															\$14.95	
1205	Pipelayer		\$11.87	\$14.64	\$13.17	\$11.17	\$12.79		\$11.37	\$13.24	\$12.66	\$13.24	\$11.17	\$11.67		\$12.12	\$14.64
1384	Reclaimer/Pulverizer Operator	\$12.85			\$11.90		\$12.88			\$11.01		\$10.46					
1500	Reinforcing Steel Worker	\$13.50	\$14.07	\$17.53	\$16.17		\$14.00			\$16.18	\$12.74	\$15.83		\$17.10		\$15.15	\$17.72
1402	Roller Operator, Asphalt	\$10.95		\$11.96	\$13.29		\$12.78	\$11.61		\$13.08	\$12.36	\$11.68			\$11.71	\$11.95	\$11.50
1405	Roller Operator, Other	\$10.36		\$10.44	\$11.82		\$10.50	\$11.64		\$11.51	\$10.59	\$10.30		\$12.04	\$12.85	\$11.57	\$10.66
1411	Scraper Operator	\$10.61	\$11.07	\$10.85	\$12.88		\$12.27		\$11.12	\$12.96	\$11.88	\$12.43		\$11.22	\$13.95	\$13.47	\$10.89
1417	Self-Propelled Hammer Operator																
1194	Servicer	\$13.98	\$12.34	\$14.11	\$14.74		\$14.51	\$15.56	\$13.44	\$14.58	\$14.31	\$13.83		\$12.43	\$13.72	\$13.97	\$14.11
1513	Sign Erector																
1708	Slurry Seal or Micro-Surfacing Machine Operator																
1341	Small Slipform Machine Operator									\$15.96							
1515	Spreader Box Operator	\$12.60		\$13.12	\$14.71		\$14.04			\$14.73	\$13.84	\$13.68		\$13.45	\$11.83	\$13.58	\$14.05
1705	Structural Steel Welder															\$12.85	
1509	Structural Steel Worker						\$19.29									\$14.39	
1339	Subgrade Trimmer																
1143	Telecommunication Technician																
1145	Traffic Signal/Light Pole Worker						\$16.00										
1440	Trenching Machine Operator, Heavy						\$18.48										
1437	Trenching Machine Operator, Light																
1609	Truck Driver Lowboy-Float	\$14.46	\$13.63	\$13.41	\$15.00	\$15.93	\$15.66			\$16.24	\$16.39	\$14.30	\$16.62	\$15.63	\$14.28	\$16.03	\$13.41
1612	Truck Driver Transit-Mix				\$14.14					\$14.14							
1600	Truck Driver, Single Axle	\$12.74	\$10.82	\$10.75	\$13.04	\$11.61	\$11.79	\$13.53	\$13.16	\$12.31	\$13.40	\$10.30	\$11.61		\$11.97	\$11.46	\$10.75
1606	Truck Driver, Single or Tandem Axle Dump Truck	\$11.33	\$14.53	\$11.95	\$12.95		\$11.68		\$14.06	\$12.62	\$11.45	\$12.28		\$13.08	\$11.68	\$11.48	\$11.10
1607	Truck Driver, Tandem Axle Tractor with Semi Trailer	\$12.49	\$12.12	\$12.50	\$13.42		\$12.81	\$13.16		\$12.86	\$16.22	\$12.50			\$13.80	\$12.27	\$12.50
1441	Tunneling Machine Operator, Heavy																
1442	Tunneling Machine Operator, Light																
1706	Welder		\$14.02		\$14.86		\$15.97		\$13.74	\$14.84					\$13.78		
1520	Work Zone Barricade Servicer	\$10.30	\$12.88	\$11.46	\$11.70	\$11.57	\$11.85	\$10.77		\$11.68	\$12.20	\$11.22	\$11.51	\$12.96	\$10.54	\$11.67	\$11.76

Notes:

Any worker employed on this project shall be paid at the rate of one and one half (1-1/2) times the regular rate for every hour worked in excess of forty (40) hours per week.

The titles and descriptions for the classifications listed here are further detailed in the AGC of Texas' *Standard Job Classifications and Descriptions for Highway, Heavy, Utilities, and Industrial Construction in Texas*. AGC will make it available on its Web site for any contractor.

**TEXAS COUNTIES IDENTIFIED BY
WAGE RATE ZONES: 7, 8, 11, 12, 14, 16, 18, 34, 35, 37, 38, 40, 41, 54, 56, 63**

County Name	Zone	County Name	Zone	County Name	Zone	County Name	Zone
Anderson	38	Donley	54	Karnes	37	Reagan	54
Andrews	54	Duval	41	Kaufman	35	Real	54
Angelina	38	Eastland	54	Kendall	16	Red River	38
Aransas	40	Ector	7	Kenedy	41	Reeves	18
Archer	35	Edwards	18	Kent	54	Refugio	37
Armstrong	7	El Paso	34	Kerr	37	Roberts	54
Atascosa	16	Ellis	35	Kimble	54	Robertson	16
Austin	56	Erath	38	King	54	Rockwall	35
Bailey	54	Falls	38	Kinney	18	Runnels	54
Bandera	16	Fannin	38	Kleberg	37	Rusk	11
Bastrop	16	Fayette	37	Knox	54	Sabine	38
Baylor	54	Fisher	54	Lamar	38	San Augustine	38
Bee	37	Floyd	54	Lamb	54	San Jacinto	56
Bell	16	Foard	54	Lampasas	16	San Patricio	40
Bexar	16	Fort Bend	56	LaSalle	41	San Saba	54
Blanco	37	Franklin	38	Lavaca	37	Schleicher	54
Borden	54	Freestone	38	Lee	37	Scurry	54
Bosque	38	Frio	37	Leon	38	Shackelford	54
Bowie	11	Gaines	54	Liberty	56	Shelby	38
Brazoria	56	Galveston	56	Limestone	38	Sherman	54
Brazos	16	Garza	54	Lipscomb	54	Smith	11
Brewster	18	Gillespie	37	Live Oak	37	Somervell	38
Briscoe	54	Glasscock	54	Llano	37	Starr	41
Brooks	41	Goliad	40	Loving	54	Stephens	54
Brown	54	Gonzales	37	Lubbock	7	Sterling	54
Burleson	16	Gray	54	Lynn	54	Stonewall	54
Burnet	37	Grayson	35	Madison	38	Sutton	18
Caldwell	16	Gregg	11	Marion	38	Swisher	54
Calhoun	40	Grimes	38	Martin	54	Tarrant	35
Callahan	35	Guadalupe	16	Mason	37	Taylor	7
Cameron	8	Hale	54	Matagorda	37	Terrell	18
Camp	38	Hall	54	Maverick	41	Terry	54
Carson	7	Hamilton	38	McCulloch	54	Throckmorton	54
Cass	38	Hansford	54	McLennan	16	Titus	38
Castro	54	Hardeman	54	McMullen	41	Tom Green	7
Chambers	56	Hardin	56	Medina	16	Travis	16
Cherokee	38	Harris	56	Menard	54	Trinity	38
Childress	54	Harrison	63	Midland	7	Tyler	38
Clay	35	Hartley	54	Milam	38	Upshur	11
Cochran	54	Haskell	54	Mills	54	Upton	54
Coke	54	Hays	16	Mitchell	54	Uvalde	41
Coleman	54	Hemphill	54	Montague	54	Val Verde	18
Collin	35	Henderson	38	Montgomery	56	Van Zandt	38
Collingsworth	54	Hidalgo	8	Moore	54	Victoria	14
Colorado	37	Hill	38	Morris	38	Walker	38
Comal	16	Hockley	54	Motley	54	Waller	56
Comanche	54	Hood	38	Nacogdoches	38	Ward	54
Concho	54	Hopkins	38	Navarro	38	Washington	38
Cooke	54	Houston	38	Newton	38	Webb	8
Coryell	16	Howard	54	Nolan	54	Wharton	37
Cottle	54	Hudspeth	18	Nueces	40	Wheeler	54
Crane	54	Hunt	35	Ochiltree	54	Wichita	12
Crockett	18	Hutchinson	54	Oldham	54	Wilbarger	54
Crosby	7	Irion	7	Orange	56	Willacy	41
Culberson	18	Jack	38	Palo Pinto	38	Williamson	16
Dallam	54	Jackson	37	Panola	38	Wilson	16
Dallas	35	Jasper	38	Parker	35	Winkler	54
Dawson	54	Jeff Davis	18	Parmer	54	Wise	35
Deaf Smith	54	Jefferson	56	Pecos	18	Wood	38
Delta	35	Jim Hogg	41	Polk	38	Yoakum	54
Denton	35	Jim Wells	37	Potter	7	Young	54
DeWitt	37	Johnson	35	Presidio	18	Zapata	41
Dickens	54	Jones	35	Rains	38	Zavala	41
Dimmit	41			Randall	7		

Special Provision 000

Important Notice to Contractors



As of October 2, 2015, utilities, right of way, and relocations within the project limits have not been cleared. The Department anticipates clearance by the dates listed below. Unless otherwise stated, clearance of these obstructions will be performed by their owners. Estimated clearance dates are not anticipated to interfere with the Contractor's operations. In the event the clearance dates are not met, requests for additional compensation or time will be made in accordance with the standard specifications.

The Contractor is invited to review the mapped information of obstructions on file with the Engineer.

UTILITY			
Utility Owner	Approximate Location	Estimated Clearance Date	Effect on Construction
GCEC	S-CURVE (STA. 199+25 TO 281+41)	6/30/2016	None
ONCOR	S-CURVE (STA. 19+25 TO 281+41)	6/30/2016	None
VERIZON	S-CURVE (STA. 19+25 TO 281+41)	6/30/2016	None
MARILEE WATER	S-CURVE (STA. 19+25 TO 281+41)	6/30/2016	None

RIGHT-OF-WAY ACQUISITION			
Parcel Number	Owner	Estimated Acquisition Date	Effect on Construction
1, PART 1 & 2	CHARLES MILLARD RICE	04/15/2016	None
2	FOUR B INVESTMENTS	04/15/2016	None
3	MILLIARD B. RICE	04/15/2016	None
4, PART 1 & 2	MBA MCKINNEY PROPERTIES, II, LTD	04/15/2016	None

RELOCATION			
Parcel Number	Owner/Occupant	Estimated Completion Date	Effect on Construction
1, PART 1	CHARLES MILLARD RICE	06/30/2016	None

Special Provision to Item 2

Instructions to Bidders



Item 2, "Instructions to Bidders" of the Standard Specifications is amended with respect to the clauses cited below. No other clauses or requirements of this Item are waived or changed.

Article 2.3., "Issuing Proposal Forms," is supplemented by the following:

The Department may not issue a proposal form if one or more of the following apply:

- The Contractor has been defaulted in accordance with Article 8.7., "Default of Contract" (a default for performance) on a previous Contract with the Department within the last 3 years.
- The Contractor is not in compliance with Texas Government Code Sections 2155.089 and 2262.055.

Special Provision to Item 7

Legal Relations and Responsibilities



Item 7, "Legal Relations and Responsibilities" of the Standard Specifications is amended with respect to the clauses cited below. No other clauses or requirements of this Item are waived or changed.

Article 7.3., "Laws To Be Observed," is supplemented by the following:

By entering into Contract, the Contractor agrees to provide or make available to the Department records, including electronic records related to the Contract for a period of 3 years after the final payment. Failure to provide access to the required documents may result in action by the Department.