

NOTIFICATION OF ADDENDUM

ADDENDUM NO. 2

DATED 7/07/2016

Control	0018-02-064
Project	IM 0351(094)
Highway	IH 35
County	LASALLE

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: IM 0351(094)

CONTROL: 0018-02-064

COUNTY: LASALLE

LETTING: 07/08/2016

REFERENCE NO: 0707

PROPOSAL ADDENDUMS

-
- PROPOSAL COVER
 - BID INSERTS (SH. NO.: 1 and 2 of 8.)
 - GENERAL NOTES (SH. NO.: Sh. A through K of K.)

 - SPEC LIST (SH. NO.: 1 of 3.)
 - SPECIAL PROVISIONS:
 - ADDED:

 - DELETED:

 - SPECIAL SPECIFICATIONS:
 - ADDED:

 - DELETED:

 - OTHER: Plans.

DESCRIPTION OF ABOVE CHANGES
(INCLUDING PLANS SHEET CHANGES)

Proposal:

Bid Inserts: Sh. 1 through 8 of 8.

Revised Qty's: 100-6002, 110-6001, 132-6001, 216-6001, 247-6060, 275-6001, 310-6012, 316-6017, 316-6220, 316-6222, 316-6226, and 420-6136.

Deleted Items: 251-6125, and 275-6020.

Added Items: 251-6033, 275-6369, and 354-6023.

General Notes: Item 5 -revised notes; Item 275 - added notes; text shifted up on remaining sheets.

Specification List: added Item 354.

Plan Sheets:

Sh. 2: omitted 15A; added 21A.

Sh. 3, 3A-3E: Item 5 - revised notes; Item 275 - added notes; text shifted up on remaining sheets.

Sh. 4, 4A-4B: revised Qty's 100-6002, 110-6001, 132-6001, 216-6001, 247-6060, 275-6001, 310-6012, 316-6017, 316-6220, 316-6222, 316-6226, and 420-6136. Deleted Item 251-6125, and 275-6020. Added Item 251-6033, 275-6369, and 354-6023. Text shifted down on remaining sheets.

Sh. 7, 8, and 9: revised typical(s), details, rates of application table(s), and notes.

DESCRIPTION OF ABOVE CHANGES
(INCLUDING PLANS SHEET CHANGES)

(CONTINUED)

Sh. 11: all item quantities were revised, except Item 150-6002; added Item 354-6023; and revised notes.

Sh. 11E: deleted right-hand side table titled "IH 35 EFR" and associated note "* IH 35 EFR ADDITIONAL EXCAVATION 1" FOR MATERIAL USED AT SULFATE BARRIER".

Sh. 11F: revised qtys on Items 110-6001 and 132-6001.

Sh. 14: Item 420-6136 quantities were revised. Consolidated sheet 15A with sheet 14. Sheet 15A is omitted.

Sh. 21: Phase I Stage 1 - deleted last three sentences; Phase II Stage 1 & 2 - deleted second to last sentence.

Sh. 21A: new sheet to include additional notes for Phase 1 Stage 1 and Phase II Stage 1 & 2.

Sh. 22: revised notes in typical sections. Added note 2 to Notes.

Sh. 63A: revised vertical alignment information.

Sh. 64: revised vertical alignment information.

Sh. 64A: revised dimensions and stationing.

Sh. 80: dimensions for B1 and Elev(1) were revised for bridge PSN# 22-142-0018-02-134.

Sh. 81: dimensions for B1 and Elev(1) were revised for structures at STA 1402+82.80 and STA 1534+40.08.

Sh. 81A: dimensions for B1 and Elev(1) were revised for structures at STA 1101+60.50, STA 1166+84.27 to STA 1167+13.67, STA 1307+60.27 to STA 1307+90.87 and STA 1333+31.71 to STA 1333+78.53.

Sh. 83: dimension X1 was revised for inlet located at STA 1250+70.10.

Sh. 88: revised dimension C on PSN# 22-142-0018-02-134.

Sh. 91A: dimensions were revised at the following structures:
STA 1101+60.50, STA 1167+00.00, STA 1307+70.00 and STA 1333+55.12.

PROJECT IM 0351(094)
 COUNTY LASALLE

Proposal Sheet
 TxDOT
 FORM 234-B I-61-5M

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	493.500	1
	104	6009		REMOVING CONC (RIPRAP) DOLLARS and CENTS	SY	269.000	2
	110	6001		EXCAVATION (ROADWAY) DOLLARS and CENTS	CY	8,359.000	3
	132	6001		EMBANKMENT (FINAL)(ORD COMP)(TY A) DOLLARS and CENTS	CY	30,104.000	4
	150	6002		BLADING DOLLARS and CENTS	HR	40.000	5
	164	6036		DRILL SEEDING (PERM) (RURAL) (CLAY) DOLLARS and CENTS	AC	28.000	6
	164	6042		DRILL SEEDING (TEMP) (WARM) DOLLARS and CENTS	AC	28.000	7
	216	6001		PROOF ROLLING DOLLARS and CENTS	HR	22.000	8
	247	6060		FL BS (CMP IN PLC)(TY E GR 4)(FNAL POS) DOLLARS and CENTS	CY	43,011.000	9
	251	6033		REWORK BS MTL (TY C) (6") (ORD COMP) DOLLARS and CENTS	SY	184,323.000	10
	275	6001		CEMENT DOLLARS and CENTS	TON	4,024.000	11

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	275	6369		CEMT TRT (MX EXST MTL & NW BS)(DC)(11") DOLLARS and CENTS	SY	184,323.000	12
	310	6012		PRIME COAT (RC-250) DOLLARS and CENTS	GAL	36,071.000	13
	316	6017		ASPH (AC-20-5TR) DOLLARS and CENTS	GAL	131,187.000	14
	316	6220		AGGR(TY-PB GR-2 SAC-B) DOLLARS and CENTS	CY	2,186.000	15
	316	6222		AGGR(TY-PB GR-3 SAC-B) DOLLARS and CENTS	CY	1,967.000	16
	316	6226		AGGR(TY-PB GR-5 SAC-B) DOLLARS and CENTS	CY	1,503.000	17
	354	6023		PLANE ASPH CONC PAV(0" TO 4") DOLLARS and CENTS	SY	3,525.000	18
	401	6001		FLOWABLE BACKFILL DOLLARS and CENTS	CY	35.000	19
	420	6136		CL C CONC (RAC-R) DOLLARS and CENTS	CY	12.530	20
	432	6001		RIPRAP (CONC)(4 IN) DOLLARS and CENTS	CY	21.000	21
	432	6003		RIPRAP (CONC)(6 IN) DOLLARS and CENTS	CY	52.000	22
	432	6006		RIPRAP (CONC)(CL B) DOLLARS and CENTS	CY	9.800	23

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	432	6024		RIPRAP (STONE COMMON)(DRY)(12 IN) DOLLARS and CENTS	CY	32.000	24
	432	6045		RIPRAP (MOW STRIP)(4 IN) DOLLARS and CENTS	CY	107.000	25
	450	6006		RAIL (TY T223) DOLLARS and CENTS	LF	89.000	26
	451	6007		RETROFIT RAIL (TY T223) DOLLARS and CENTS	LF	56.000	27
	462	6008		CONC BOX CULV (5 FT X 4 FT) DOLLARS and CENTS	LF	17.000	28
	462	6010		CONC BOX CULV (6 FT X 3 FT) DOLLARS and CENTS	LF	6.500	29
	462	6014		CONC BOX CULV (7 FT X 3 FT) DOLLARS and CENTS	LF	19.120	30
	462	6015		CONC BOX CULV (7 FT X 4 FT) DOLLARS and CENTS	LF	36.000	31
	462	6019		CONC BOX CULV (8 FT X 4 FT) DOLLARS and CENTS	LF	25.400	32
	462	6020		CONC BOX CULV (8 FT X 5 FT) DOLLARS and CENTS	LF	44.520	33
	464	6005		RC PIPE (CL III)(24 IN) DOLLARS and CENTS	LF	17.000	34
	464	6008		RC PIPE (CL III)(36 IN) DOLLARS and CENTS	LF	5.000	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	6017		RC PIPE (CL IV)(18 IN) DOLLARS and CENTS	LF	144.000	36
	465	6163		INLET (COMPL)(TY H) DOLLARS and CENTS	EA	7.000	37
	466	6181		WINGWALL (PW - 1) (HW=6 FT) DOLLARS and CENTS	EA	1.000	38
	466	6182		WINGWALL (PW - 1) (HW=7 FT) DOLLARS and CENTS	EA	2.000	39
	466	6185		WINGWALL (PW - 2) (HW=10 FT) DOLLARS and CENTS	EA	2.000	40
	466	6187		WINGWALL (PW - 2) (HW=12 FT) DOLLARS and CENTS	EA	1.000	41
	466	6196		WINGWALL (PW - 2) (HW=7 FT) DOLLARS and CENTS	EA	2.000	42
	467	6186		SET (TY I)(S= 5 FT)(HW= 6 FT)(4:1) (C) DOLLARS and CENTS	EA	1.000	43
	467	6219		SET (TY I)(S= 6 FT)(HW= 5 FT)(4:1) (C) DOLLARS and CENTS	EA	1.000	44
	467	6245		SET (TY I)(S= 7 FT)(HW= 4 FT)(4:1) (C) DOLLARS and CENTS	EA	2.000	45
	467	6254		SET (TY I)(S= 7 FT)(HW= 6 FT)(4:1) (C) DOLLARS and CENTS	EA	6.000	46
	467	6276		SET (TY I)(S= 8 FT)(HW= 5 FT)(4:1) (C) DOLLARS and CENTS	EA	3.000	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	4.000	48
	467	6448		SET (TY II) (36 IN) (RCP) (3: 1) (C) DOLLARS and CENTS	EA	2.000	49
	479	6002		ADJUSTING INLETS DOLLARS and CENTS	EA	14.000	50
	479	6006		ADJUSTING INLET (CAP) DOLLARS and CENTS	EA	7.000	51
	480	6001		CLEAN EXIST CULVERTS DOLLARS and CENTS	EA	17.000	52
	496	6002		REMOV STR (INLET) DOLLARS and CENTS	EA	7.000	53
	496	6004		REMOV STR (SET) DOLLARS and CENTS	EA	4.000	54
	496	6005		REMOV STR (WINGWALL) DOLLARS and CENTS	EA	14.000	55
	496	6007		REMOV STR (PIPE) DOLLARS and CENTS	LF	181.000	56
	500	6001		MOBILIZATION DOLLARS and CENTS	LS	1.000	57
	502	6001		BARRICADES, SIGNS AND TRAFFIC HAN- DLING DOLLARS and CENTS	MO	8.000	58
	506	6003	003	ROCK FILTER DAMS (INSTALL) (TY 3) DOLLARS and CENTS	LF	758.000	59

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	506	6011	003	ROCK FILTER DAMS (REMOVE) DOLLARS and CENTS	LF	758.000	60
	506	6020	003	CONSTRUCTION EXITS (INSTALL) (TY 1) DOLLARS and CENTS	SY	200.000	61
	506	6024	003	CONSTRUCTION EXITS (REMOVE) DOLLARS and CENTS	SY	200.000	62
	506	6030	003	BACKHOE WORK (EROSION & SEDMT CONT) DOLLARS and CENTS	HR	53.440	63
	506	6038	003	TEMP SEDMT CONT FENCE (INSTALL) DOLLARS and CENTS	LF	2,177.000	64
	506	6039	003	TEMP SEDMT CONT FENCE (REMOVE) DOLLARS and CENTS	LF	1,217.000	65
	510	6002		ONE-WAY TRAF CONT (PILOT CAR) DOLLARS and CENTS	HR	456.000	66
	512	6072		PTB (FRN&INSTL)(SGL SLP)(TY 1) OR (STL) DOLLARS and CENTS	LF	3,205.000	67
	512	6074		PTB (MOVE)(SGL SLP)(TY 1) OR (STL) DOLLARS and CENTS	LF	4,828.000	68
	512	6076		PTB (REMOVE)(SGL SLP)(TY 1) OR (STL) DOLLARS and CENTS	LF	3,205.000	69
	530	6004		DRIVEWAYS (CONC) DOLLARS and CENTS	SY	488.000	70
	530	6006		DRIVEWAYS (SURF TREAT) DOLLARS and CENTS	SY	1,255.000	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	6001		MTL W-BEAM GD FEN (TIM POST) DOLLARS and CENTS	LF	1,125.000	72
	540	6002		MTL W-BEAM GD FEN (STEEL POST) DOLLARS and CENTS	LF	135.000	73
	540	6006		MTL BEAM GD FEN TRANS (THRIE-BEAM) DOLLARS and CENTS	EA	10.000	74
	540	6016		DOWNSTREAM ANCHOR TERMINAL SEC- TION DOLLARS and CENTS	EA	3.000	75
	540	6017		MTL BM GD FEN (LONG SPAN SYSTEM) DOLLARS and CENTS	LF	50.000	76
	542	6001		REMOVE METAL BEAM GUARD FENCE DOLLARS and CENTS	LF	700.000	77
	542	6002		REMOVE TERMINAL ANCHOR SECTION DOLLARS and CENTS	EA	4.000	78
	544	6001		GUARDRAIL END TREATMENT (INSTALL) DOLLARS and CENTS	EA	17.000	79
	545	6001		CRASH CUSH ATTEN (INSTL) DOLLARS and CENTS	EA	6.000	80
	545	6003		CRASH CUSH ATTEN (MOVE & RESET) DOLLARS and CENTS	EA	10.000	81
	545	6005		CRASH CUSH ATTEN (REMOVE) DOLLARS and CENTS	EA	6.000	82
	644	6001		IN SM RD SN SUP&AM TY10BWG(1)SA(P) DOLLARS and CENTS	EA	33.000	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	6004		IN SM RD SN SUP&AM TY10BWG(1)SA(T) DOLLARS and CENTS	EA	5.000	84
	644	6076		REMOVE SM RD SN SUP&AM DOLLARS and CENTS	EA	36.000	85
	658	6002		INSTL DEL ASSM (D-SW)SZ 1(FLX)GND(BI) DOLLARS and CENTS	EA	26.000	86
	658	6016		INSTL DEL ASSM (D-SW)SZ (BRF)GF1 (BI) DOLLARS and CENTS	EA	26.000	87
	658	6049		INSTL OM ASSM (OM-2Z)(FLX)GND(BI) DOLLARS and CENTS	EA	16.000	88
	658	6060		REMOVE DELIN & OBJECT MARKER ASSMS DOLLARS and CENTS	EA	9.000	89
	662	6109		WK ZN PAV MRK SHT TERM (TAB)TY W DOLLARS and CENTS	EA	805.000	90
	662	6111		WK ZN PAV MRK SHT TERM (TAB)TY Y-2 DOLLARS and CENTS	EA	805.000	91
	666	6303		RE PM W/RET REQ TY I (W)4"(SLD)(100MIL) DOLLARS and CENTS	LF	99,340.000	92
	666	6312		RE PM W/RET REQ TY I (Y)4"(BRK)(100MIL) DOLLARS and CENTS	LF	11,094.000	93
	666	6315		RE PM W/RET REQ TY I (Y)4"(SLD)(100MIL) DOLLARS and CENTS	LF	20,350.000	94
	672	6009		REFL PAV MRKR TY II-A-A DOLLARS and CENTS	EA	811.000	95

PROJECT IM 0351(094)
 COUNTY LASALLE

Proposal Sheet
 TxDOT
 FORM 234-B I-61-5M

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	6001	6002		PORTABLE CHANGEABLE MESSAGE SIGN DOLLARS and CENTS	EA	2.000	96

GENERAL NOTES:

Item 5 - Control of the Work

The Contractor shall maintain and preserve the integrity of all “existing survey markers” by avoiding the disturbance of such markers, which include all control points (horizontal and/or vertical), stakes, marks, and right-of-way markers. The Department will repair all Contractor disturbed control points, stakes, marks, and right-of-way markers. The cost for any and all repairs to the “existing survey markers” will be deducted from money due or to become due to the Contractor.

After letting and prior to beginning construction, bidders may obtain a free computer diskette or a computerized transfer of files (from the Engineer’s office) that contains the earthwork information. If copies of the actual cross-sections in addition to, or instead of, the diskette are requested, they will be available at the Engineers office.

Reference all existing striping and pavement markings in a manner which allow the markings to be re-established. Place extra reference (if needed) to ensure that the markings (lane lines, edge lines, ramp gores, etc.) are in-line with signs on OSB’s, TMS arrows, etc.

Item 7 - Legal Relations and Responsibilities

For all pits or quarries, comply with the “Texas Aggregate Quarry and Pit Safety Act.”

Upon completion of all work provided in the contract for any individual project, the Engineer will make an inspection. If it is found to be satisfactory, the Contractor will be released from further maintenance on that individual project. Such partial acceptance will be made in writing and will in no way void or alter any terms of the contract.

If an abandoned-in-place natural gas pipeline is encountered and has to be removed, wrapped steel gas pipelines will be assumed to contain asbestos, unless analytical testing of the wrap material determines that the wrap material contains less than 1% asbestos, as determined using the Polarized Light Microscopy (PLM) Method. Observe and comply with all federal, state and local laws, ordinances and regulations regarding the management of asbestos containing materials. At a minimum, the following procedure will be used whenever an existing wrapped steel gas pipe has to be removed (for whatever reason) during construction operations.

1. Notify the Engineer.

2. As soon as the pipe is removed, cover and secure the ends of the pipe with a double layer of 6 mil plastic, then move it to a secure temporary storage site (approved by the Engineer) within the project limits. Care will be taken to avoid damage to the plastic and if damaged, replace before further handling of the pipe. If the wrapping of the pipe is damaged, the entire pipe will be covered with plastic.

3. The Engineer will determine the owner (utility company) of the gas line to coordinate removal of the pipe from the project. If the owner of the gas pipe cannot be determined, the Engineer will make arrangements to transport the pipe off the project. The Contractor will not be responsible for removing the pipe from the project.

4. The removal of the steel gas pipe from the trench is subsidiary to the work that created the need to remove the pipe (structural excavation, roadway excavation, removal and replacement of the pipe, etc.). The work performed in handling the pipe after it has been removed (covering with plastic, hauling to a secure storage within the project, and loading onto the transportation vehicle for removal from the project) will be paid for through the extra work order process.

If an existing asbestos Cement (AC) pipe is encountered and has to be removed, observe and comply with all federal, state and local laws, ordinances and regulations regarding the management of asbestos containing materials. At the minimum, work involving AC pipe should be overseen by a person who has received asbestos training and is familiar with the National Emissions Standards for Hazardous Air Pollutants (NESHAP). If greater than 260 linear feet of pipe is to be removed, written notification to the Texas Department of State Health Services (DSHS) 10 days prior commencing with the removal of AC pipe is required. At each location shown in the plans and/or identified during construction to involve AC pipe, remove the necessary amount of AC pipe without creating any friable material. For tie-ins remove whole sections of AC pipe at the nearest joint. Remove the AC pipe and store it in a secure (Engineer approved) location for pick up by the owner of the utility. Prior to performing this work, notify the Engineer and the owner of the utility of the work schedule 48 hours in advance of beginning the work.

Jurisdictional Waters of the United States and Project Specific Locations (PSL) Coordination - This project requires permit(s) with environmental resource agencies. There is a high probability that environmentally sensitive areas will be

encountered on contractor designated project specific locations (PSLS) for the project (including but not limited to haul roads, equipment staging areas, parking areas, etc.).

Requirements for Work within Jurisdictional Waters of the United States:
The department has been authorized to perform work within designated areas of the project under U.S. Army Corps of Engineers (USACE) nationwide permit (NWP) #14 and/or #3a and/or #3b.

The contractor will not initiate activities in a project specific location (PSL) associated with a U.S. Army Corps of Engineers (USACE) permit area (i.e. an area where the USACE has jurisdiction) that has not been previously evaluated by the USACE as part of the permitting for this project. Such activities include, but are not limited to, haul roads, equipment staging areas, borrow and disposal sites. Associated defined here includes materials delivered to or from the PSL. The permit area includes all waters of the U.S. and their associated wetlands affected by activities associated with this project. Special restrictions may be required for such work in these USACE jurisdictional areas. The contractor will be responsible for any and all consultations with the USACE regarding activities, including PSLs, which have not been previously evaluated by the USACE. The Contractor will provide the department with a copy of all consultation(s) or approval(s) from the USACE prior to initiating activities.

The contractor may proceed with activities in PSLs that do not affect a USACE permit area if a self determination has been made that the PSL is non-jurisdictional or proper USACE clearances have been obtained in jurisdictional areas or have been previously evaluated by the USACE as part of the permit review of this project. The contractor is solely responsible for documenting any determination(s) that their activities do not affect a USACE permit area. The contractor will maintain copies of their determination(s) for review by the department and/or any regulatory agency.

The disturbed area for all project locations in the Contract, and the Contractor project specific locations (PSLs) within 1 mile of the project limits for the Contract, 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. The Contractor is to obtain required authorization from the TCEQ for Contractor PSLs for construction support activities on or off the ROW. When the total area disturbed in the Contract and PSLs within 1 mile of the project limits exceeds 5 acres, the Contractor shall provide a copy of the Contractor Notice of Intent (NOI) for the PSLs to the

Engineer and to the local government operating a municipal separate storm sewer system (MS4) if applicable. If the total area of project disturbed areas and PSLs total between 1-acre but less than 5-acres, the Contractor shall post the

appropriate Contractor Construction Site Notice for all Contractor PSLs to be in compliance with TCEQ storm water regulations.

In order to expedite the approval process for PSLs or to eliminate or minimize potential impacts to project progress, initiate coordination efforts with the U.S.A.C.E. within 30 days from the date of “authorization to begin work” for all PSLs that are in areas where the USACE has jurisdiction (i.e. USACE permit areas). If this is not done, the contractor waives the right to request any contract time considerations if project progress is impacted and PSL’S approval is still pending.

Requests submitted to the area engineer will be evaluated on this basis, and will require documentation showing substantial early coordination efforts to expedite the approval process as herein stated. The request will include a detailed chronological summary status with dates of coordination activities with the resource agencies, including those occurring after the initial coordination, to be reviewed and confirmed by the district’s environmental section.

For PSLs that fall within USACE permit areas, the Contractor must document and coordinate with the USACE, if required, before any excavation hauled from or embankment hauled into a USACE permit area by either (1) or (2) below.

1. Restricted Use of Materials for Previously Evaluated Permit Areas. The Contractor will document both the project specific location (PSL) and their authorization and the Contractor will maintain copies for review by the Department and/or any regulatory agency. When an area within the project limits has been evaluated by the USACE as part of the permit process for this project, then:
 - a. Suitable excavation of required material in the areas shown on the plans and cross sections as specified in Item 110 is used for permanent or temporary fill (Item 132, Embankment) within a USACE permit area may be restricted;
 - b. Suitable embankment (Item 132) from within the USACE permit area is used as fill within a USACE evaluated area may be restricted; and,
 - c. Unsuitable excavation or excess excavation [“Waste”] (Item 110) that is disposed of at an approved location within a USACE evaluated area may be restricted.

2. Contractor Materials from Areas Other than Previously Evaluated Areas. The Contractor will provide the Department with a copy of all USACE coordination or approvals before initiating any activities for an area within the project limits

that has not been evaluated by the USACE or for any off right-of-way locations used for the following, but not limited to, haul roads, equipment staging areas, borrow and disposal sites, including:

- a. Item 132, Embankment, used for temporary or permanent fill within a USACE permit area; and,
- b. Unsuitable excavation or excess excavation ["Waste"] (Item 110, Excavation) that is disposed of outside a USACE evaluated area.

Storm Water Regulations Requirements:

The Contractor shall be responsible for (off ROW) PSLs applicable to the TCEQ Construction General Permit (CGP) requirements and will notify the Engineer of the disturbed acreage within one (1) mile of the project limits. The Contractor shall obtain any required authorization form the TCEQ for any Contractor PSLs for construction support activities on or off ROW.

The total area disturbed for this project is 54.49 acres. The disturbed area in this project, all project locations in the Contract, and the Contractor project specific locations (PSLs), within 1 mile of the project limits, for the Contract 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. The Contractor is to obtain required authorization from the TCEQ for Contractor PSLs for construction support activities on or off the ROW. When the total area disturbed in the Contract and PSLs within 1 mile of the project limits exceeds 5 acres, the Contractor shall provide a copy of the Contractor NOI for PSLs on the ROW to the Engineer and to the local government that operates a municipal separate storm sewer system (MS4), if applicable.

Item 8 - Prosecution and Progress

No closures will be allowed on the weekends which include the following holidays: January 1, the last Monday in May, July 4, the first Monday in September, the fourth Thursday in November, December 25 and Easter weekend.

Item 9 - Measurement and Payment

Submit Material on hand (MOH) payment requests at least 5 working days prior to the end of the month for payment on that month's estimate. For out of town MOH submit requests at least 10 working days prior to the end of the month.

Item 100 - Preparing Right of Way

Burning of brush will not be permitted.

Do not begin any clearing operations until the trees and areas of vegetation that should not be removed or disturbed by construction activities have been identified. To ensure that these areas are not disturbed, place protection fencing as shown in the plans or as directed/approved by the Engineer.

All right of way clearing operations will be coordinated with the project's SW3P and as directed/approved by the Engineer.

Preparing Right of Way to include clearing brush a minimum 100' up-station and 100' down-station of each culvert crossing.

Item 132 - Embankment

Field compact to 95% dry density.

For fill sections from embankment finished grade line and below, to a depth of 4 feet, Plasticity Index (PI) limit is: $4 \leq PI \leq 15$.

For all other fill sections, Plasticity Index (PI) limit is less than or equal to 30.

Item 164 - Seeding for Erosion Control

Drill seeding will be used for this project. Refer to the Laredo District Standard Revegetation notes and specifications for additional information.

Item 166 – Fertilizer

Fertilize all areas of project to be seeded or sodded.

Item 247 - Flexible Base

A pre-placement meeting must be conducted at least 48 hrs prior to flex base placing operations.

Contractor is allowed to use RAP.

A 1" buffer of undisturbed existing flexbase must be left between the existing Subgrade and proposed new stabilized flexbase.

Flexible Base (Complete In Place)(TY E GR 4)(Final Position)(CY)

Type E material is caliche composed of argillaceous limestone, calcareous or calcareous clay particles, with or without stone, conglomerate, gravel sand or granular materials.

If the flexible base comes from a stockpile, test the stockpile before delivery to the project. The Contractor’s attention is called to the fact that the preliminary test will require approximately 30 days and it is the Contractor’s responsibility to advise the Engineer of the location of the flexible base source sufficiently in advance to avoid delays. Blade the side slopes to remove all grass from the area of construction before placing flexible base on that portion of the roadway to be widened, level-up, seal coat, or HMAC overlay. Blade the sod back onto the side slopes after the proposed items of work have been completed. Consider subsidiary to pertinent Items.

Conform to the following flexible base (TY E GR 4) requirements:
Before cement is added:

Percent retained on each sieve						Soil constants			Wet ball mill max
2”	1 1/4”	7/8”	1/2”	#4	#40	LL max	PI max	PI min	
0	-	-	20-60	40-75	60-85	-	12	2	*50

* The maximum increase in material passing the no 40 sieve is not to exceed 20.

If cement is added, refer to Test Method Tex-120-E, Soil – Cement Stabilized. This percentage of cement will be incorporated into the flexible base at a rate required to meet specification requirements. The percentage of cement to be added will be determined according to Tex-120-E, and as specified on the plans.

Item 275 – Cement Treatment (Road-Mixed)

A pre-placement meeting must be conducted at least 48 hrs prior to placing operations.

Application of cement will be done through the Slurry method.

Microcracking will be required.

Contractor is required to field verify percent moisture applied to cement treatment operations. Perform verification during the first three days of operations. Contractor is required to verify specified cement percent meets a minimum 7-Day Unconfined Compressive strength of 275 psi. Perform verification on field samples every 20,000 CY. Perform the verification as per Test Method Tex-120_E, Soil-Cement Testing.

Apply cement with whole percent rates. Fractions of percent required to obtain minimum strength requirements must be round up to next whole percent. The State will pay for the required cement not to exceed 4 percent. Any additional cement required beyond the 4 percent to meet specification requirements will need TxDOT approval.

Item 302 - Aggregates for Surface Treatments

Previously tested aggregates delivered to the project, which are found to contain excessive quantities of dust (more than 0.5 percent passing the no. 40 sieve) during pre-coating, stockpiling or hauling operations, can be rejected by the Engineer. Use test method TEX-200-F, Part I for testing.

Item 316 – Seal Coat

Allow a minimum 24 hour curing period between surface events (Emulsion to asphaltic surfaces, between surface treatments and/or asphaltic pavement), or as directed in writing by the Engineer.

Addition of baghouse fines will not be permitted in the production of pre-coated material.

The usual open season for application of asphalt is from: April 1st to September 30th, unless otherwise approved in writing by the Engineer. The minimum temperature requirements should be followed for the application of asphalt outside these dates.

Before starting work, provide a sequence of work and estimated progress schedule meeting the requirements of Section 8.5.2, "Progress Schedule."

Failure to complete work within the seal coat season established by the plans will result in liquidated damages as described in Section 8.6, "Failure to Complete Work on Time." This includes any surface treatment work carried over to the next year.

In addition to other asphalt distributor requirements, the asphalt distributor shall be capable of providing a transversely varied asphalt rate. The Contractor shall demonstrate that the distributor can apply an asphalt rate outside the wheel path locations between 22 and 32 percent higher than the asphalt rate being applied in the wheel paths. The contractor's calibration of the distributor will include verification of this capability and a description of the spray bar(s) and nozzles to be used. The percentage difference in asphalt rate provided by each tested spray bar and nozzle arrangement shall be provided to the Engineer. The Engineer will select the pavements where transversely varied asphalt rate is to be provided and will provide this information at the pre-construction meeting.

The estimated application rate noted in the plans is for locations outside the wheel paths and is for estimation purposes only.

Remove vegetation and blade pavement edges.

Item 432 - Riprap

Provide Class B Concrete for riprap.

Item 462 – Concrete Box Culverts and Drains

There are no structures or sensitive areas which can be impacted by this project. The existing structures have historically proven to be hydraulically adequate.

Item 496 - Removing Structures

The structure(s) to be removed have surface coatings which may contain hazardous materials. Provide for the safety and health of employees and abide by all OSHA Standards and Regulations.

Item 500 - Mobilization

"Materials-on-Hand" payments will not be considered in determining percentages used to compute mobilization payments.

Item 502 - Barricades, Signs, and Traffic Handling

Designate, as the Contractor Responsible Person (CRP), an English speaking employee on-call nights and weekends (or any other time that work is not in progress) with a local address and telephone number for maintenance of signs and barricades. This employee will be located within one (1) hour of traveling time to the project site. Notify the Engineer in writing of the name, address and

telephone number of this employee. Furnish this information to local law enforcement officials.

The time frame for the Contractor to provide properly maintained traffic control devices before they are considered to be in non-compliance with this Item, is 48 hours regardless of the days of the week involved after notification is done in writing by the Engineer.

When advanced warning flashing arrow panel(s) is/are specified, maintain one standby unit in good condition at the job site ready for immediate use is required.

Provide two-way radios in areas where flagmen do not have visual contact with one another or cannot communicate with one another.

Provide shadow vehicles equipped with Truck Mounted Attenuators (TMA) as shown on Traffic Control Plan (TCP) standards (2 series).

Limit lane closures to a maximum of 2 miles. If more than one lane closure location is desired, provide a minimum of a 2 mile passing zone between locations. Provide a separate sign set up for each location.

Ensure equipment not in use, stockpile aggregate, and other working materials are:

A minimum of 30 feet from the edge of the travel lane;

Do not obstruct traffic or sight distance;

Do not interfere with the access from abutting property; or

Do not interfere with roadway drainage.

Erect signs in locations not obstructing the traveling public's view of the normal roadway signing or necessary sight distance at intersections and curves.

During the holiday time frame of December 21st through January 1st, every effort should be taken to ensure that all travel lanes remain open where possible.

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 512 - Portable Traffic Barrier

Do not use different types of Portable Traffic Barriers in a single continuous installation.

Furnish connection hardware. The hardware will not be paid separately but will be subsidiary to this pay item.

Upon project completion, portable traffic barrier will be removed and retained by the contractor.

Item 520 - Weighing and Measuring Equipment

The concrete producer is required to use an automated ticket that contains the same information as TxDOT's ticket. The producer's ticket shall be a computer printout submitted to TxDOT for approval prior to use.

Item 545 - Crash Cushion Attenuators

Upon project completion, crash cushion attenuators will be removed and retained by the contractor.

Item 644 - Small Roadside Sign Supports and Assemblies

Salvage and deliver all aluminum sign faces to the local TxDOT maintenance office.

ITEM 6001 - Portable Changeable Message Sign

Provide two (2) electronic portable changeable message signs as required by the Engineer. Provide backups and keep operational and available on the jobsite at all times during traffic control operations. The electronic portable changeable message signs will be made available for utilization for the entire duration of the project, including all alternative locations.

CONTROL : 0018-02-064
PROJECT : IM 0351(094)
HIGHWAY : IH 35
COUNTY : LASALLE

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 (103)
ITEM 104 REMOVING CONCRETE
ITEM 110 EXCAVATION (132)
ITEM 132 EMBANKMENT (100) (160) (204) (210) (216) (260) (400)
ITEM 150 BLADING
ITEM 164 SEEDING FOR EROSION CONTROL (162) (166) (168)
ITEM 216 PROOF ROLLING (210)
ITEM 247 FLEXIBLE BASE (105) (204) (210) (216) (520)
ITEM 251 REWORKING BASE COURSES (210) (216) (247) (520)
ITEM 275 CEMENT TREATMENT (ROAD-MIXED) (132) (204) (210) (216) (247)
(300) (310) (520)
ITEM 310 PRIME COAT (300) (316)
ITEM 316 SEAL COAT (210) (300) (302)
ITEM 354 PLANING AND TEXTURING PAVEMENT
ITEM 401 FLOWABLE BACKFILL (421)
ITEM 420 CONCRETE SUBSTRUCTURES (400) (404) (421) (422) (426) (427)
(440) (441) (448)
ITEM 432 RIPRAP (247) (420) (421) (427) (431) (440)
ITEM 450 RAILING (420) (421) (424) (440) (441) (442) (445) (446) (448)
(540)
ITEM 451 RETROFIT RAILING (421) (429) (440) (442) (445) (446) (450) (540)
ITEM 462 CONCRETE BOX CULVERTS AND DRAINS (400) (420) (421) (424)
(440) (464) (476)
ITEM 464 REINFORCED CONCRETE PIPE (400) (476)
ITEM 465 JUNCTION BOXES, MANHOLES, AND INLETS (400) (420) (421) (440)
(471)
ITEM 466 HEADWALLS AND WINGWALLS (400) (420) (421) (430) (440) (464)
ITEM 467 SAFETY END TREATMENT (400) (420) (421) (430) (432) (440) (445)
(460) (464)

ITEM 479 ADJUSTING MANHOLES AND INLETS (400)(421)(465)
 ITEM 480 CLEANING EXISTING CULVERTS
 ITEM 496 REMOVING STRUCTURES (430)
 ITEM 500 MOBILIZATION
 ITEM 502 BARRICADES, SIGNS, AND TRAFFIC HANDLING
 ITEM 506 TEMPORARY EROSION, SEDIMENTATION, AND ENVIRONMENTAL
 CONTROLS (161)(432)(556)
 ITEM 510 ONE-WAY TRAFFIC CONTROL (502)
 ITEM 512 PORTABLE CONCRETE TRAFFIC BARRIER (420)(421)(424)(440)
 (442)
 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)(542)(544)
 ITEM 542 REMOVING METAL BEAM GUARD FENCE
 ITEM 544 GUARDRAIL END TREATMENTS
 ITEM 545 CRASH CUSHION ATTENUATORS (421)
 ITEM 644 SMALL ROADSIDE SIGN ASSEMBLIES (421)(440)(441)(442)(445)
 (634)(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)(662)(677)
 (678)(6040)
 ITEM 672 RAISED PAVEMENT MARKERS

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 "CARGO PREFERENCE ACT REQUIREMENTS IN FEDERAL AID
 CONTRACTS" (000---241)
 SPECIAL PROVISION "CERTIFICATE OF INTERESTED PARTIES (FORM 1295)"
 (000---249)
 SPECIAL PROVISION TO ITEM 2 (002---004)
 SPECIAL PROVISION TO ITEM 6 (006---001)
 SPECIAL PROVISIONS TO ITEM 7 (007---001)(007---003)(007---004)
 SPECIAL PROVISION TO ITEM 300 (300---009)
 SPECIAL PROVISION TO ITEM 421 (421---002)

SPECIAL PROVISION TO ITEM 506 (506---003)

SPECIAL SPECIFICATIONS:

ITEM 6001 PORTABLE CHANGEABLE MESSAGE SIGN
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.