

NOTIFICATION OF ADDENDUM

ADDENDUM NO. 1

DATED 12/18/2015

Control	0086-10-049, ETC.
Project	STP 2016(475), ETC.
Highway	SH 359, ETC.
County	DUVAL, ETC.

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 2016(475)

CONTROL: 0086-10-049

COUNTY: DUVAL

LETTING: 01/05/2016

REFERENCE NO: 1216

PROPOSAL ADDENDUMS

- X PROPOSAL COVER
- X BID INSERTS (SH. NO.: Sh. 1, 2, 3, 4, and 5 of 5.)
- X GENERAL NOTES (SH. NO.: Sh. A through J of K.)

- _ SPEC LIST (SH. NO.:)
- _ SPECIAL PROVISIONS:)
- _ ADDED:

DELETED:

- _ SPECIAL SPECIFICATIONS:
- _ ADDED:

DELETED:

- X OTHER: Plan sheets.

DESCRIPTION OF ABOVE CHANGES
(INCLUDING PLANS SHEET CHANGES)

Proposal:

Proposal Cover - revised working days.

Bid Inserts: Sh. 1 through 5 of 5.

Added Items: 354-6030.

Updated Qty's: 104-6054, 134-6001, 316-6015, 316-6224, 347-6001, 347-6002, 351-6002, 354-6051, 420-6136, 432-6045, 451-6024, 510-6001, 512-6074, 540-6001, 540-6002, 540-6006, 540-6017, 542-6001, 544-6001, 544-6003, 545-6003, 658-6014, 658-6016, 662-6109, 662-6111, 666-6300, 666-6303, 666-6312, 666-6315, 672-6007, and 672-6009.

General Notes: added last paragraph to Item 5.

Plan Sheets:

Sh. 1: revised project length.

Sh. 2: added Sh. 70A, 98A-98H.

Sh. 3: revised project length.

Sh. 5: added bridge information, and revised project length,

Sh. 7: revised project length and overlay surface area.

Sh. 8: added last paragraph to Item 5.

Sh. 8A-8D: text shift due to addition of last paragraph to Item 5.

Sh. 9-9A: added Item 354-6030.

DESCRIPTION OF ABOVE CHANGES
(INCLUDING PLANS SHEET CHANGES)

(CONTINUED)

Updated Qty's: 104-6054, 134-6001, 316-6015, 316-6224, 347-6001, 347-6002, 351-6002, 354-6051, 420-6136, 432-6045, 451-6024, 510-6001, 512-6074, 540-6001, 540-6002, 540-6006, 540-6017, 542-6001, 544-6001, 544-6003, 545-6003, 658-6014, 658-6016, 662-6109, 662-6111, 666-6300, 666-6303, 666-6312, 666-6315, 672-6007, and 672-6009.

Sh. 13: added eight bridges (PSNs) to the Summary of MBGF Railing, and Summary of Bridge Items; updated quantities in all other summaries; and added Item 540-6017.

Sh. 14: added Item 354-6030.

Sh. 22: added six bridges (PSNs) to the Portable Traffic Barrier Quantities table.

Sh. 49: added six bridges (PSNs) and corrected location numbers.

Sh. 64: revised diagrammatic layout.

Sh. 70: added three bridges (PSNs) to the summary table; deleted "Exist. Type T101 Detail".

Sh. 70A: new sheet.

Sh. 96: in the General Notes, added note number "4".

Sh. 98A through 98H: new sheets.

Sh. 121-122: revised information.

Control	0086-10-049, ETC.
Project	STP 2016(475), ETC.
Highway	SH 359, ETC.
County	DUVAL, ETC.

PROPOSAL TO THE TEXAS TRANSPORTATION COMMISSION

2014 SPECIFICATIONS WORK CONSISTING OF ACP, OVERLAY PAV MRK DUVAL COUNTY, TEXAS, Etc.

The quantities in the proposal are approximate. The quantities of work and materials may be increased or decreased as considered necessary to complete the work as planned and contemplated.

This project is to be completed in 263 working days and will be accepted when fully completed and finished to the satisfaction of the Executive Director or designee.

Provide a proposal guaranty in the form of a Cashier's Check, Teller's Check (including an Official Check) or Bank Money Order on a State or National Bank or Savings and Loan Association, or State or Federally chartered Credit Union made payable to the Texas Transportation Commission in the following amount:

ONE HUNDRED THOUSAND (Dollars) (\$100,000)

A bid bond may be used as the required proposal guaranty. The bond form may be detached from the proposal for completion. The proposal may not be disassembled to remove the bond form. The bond must be in accordance with Item 2 of the specifications.

Any addenda issued amending this proposal and/or the plans that have been acknowledged by the bidder, become part of this proposal.

By signing the proposal the bidder certifies:

1. the only persons or parties interested in this proposal are those named and the bidder has not directly or indirectly participated in collusion, entered into an agreement or otherwise taken any action in restraint of free competitive bidding in connection with the above captioned project.
2. in the event of the award of a contract, the organization represented will secure bonds for the full amount of the contract.
3. the signatory represents and warrants that they are an authorized signatory for the organization for which the bid is submitted and they have full and complete authority to submit this bid on behalf of their firm.
4. that the certifications and representations contained in the proposal are true and accurate and the bidder intends the proposal to be taken as a genuine government record.

• **Signed: ****

(1) _____ (2) _____ (3) _____

Print Name:

(1) _____ (2) _____ (3) _____

Title:

(1) _____ (2) _____ (3) _____

Company:

(1) _____ (2) _____ (3) _____

- Signatures to comply with Item 2 of the specifications.

**Note: Complete (1) for single venture, through (2) for joint venture and through (3) for triple venture.

*** When the working days field contains an asterisk (*) refer to the Special Provisions and General Notes.**

NOTICE TO CONTRACTORS

ANY CONTRACTORS INTENDING TO BID ON ANY WORK TO BE AWARDED BY THIS DEPARTMENT MUST SUBMIT A SATISFACTORY “AUDITED FINANCIAL STATEMENT” AND “EXPERIENCE QUESTIONNAIRE” AT LEAST TEN DAYS PRIOR TO THE LETTING DATE.

UNIT PRICES MUST BE SUBMITTED IN ACCORDANCE WITH ITEM 2 OF THE STANDARD SPECIFICATIONS OR SPECIAL PROVISION TO ITEM 2 FOR EACH ITEM LISTED IN THIS PROPOSAL.

PROJECT STP 2016(475) , ETC.
 COUNTY DUVAL , ETC.

Proposal Sheet
 TxDOT
 FORM 234

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	104	6054		REMOVING CONCRETE(MOW STRIP) DOLLARS and CENTS	LF	15,250.000	1
	134	6001		BACKFILL (TY A) DOLLARS and CENTS	STA	2,137.000	2
	316	6015		ASPH (AC-15P) DOLLARS and CENTS	GAL	349,024.000	3
	316	6224		AGGR(TY-PB GR-4 SAC-B) DOLLARS and CENTS	CY	9,489.000	4
	344	6047		SUPERPAVE MIXTURES SP-C SAC-A PG70-22 DOLLARS and CENTS	TON	28,822.000	5
1	347	6001		TOM (ASPHALT) PG 76-22 DOLLARS and CENTS	TON	2,987.000	6
1	347	6002		TOM-C (AGGREGATE) SAC-A DOLLARS and CENTS	TON	40,901.000	7
	351	6002		FLEXIBLE PAVEMENT STRUCTURE REPAIR(6") DOLLARS and CENTS	SY	64,204.000	8
	351	6012		FLEXIBLE PAVEMENT STRUCTURE REPAIR(2") DOLLARS and CENTS	SY	30,801.000	9
	354	6021		PLANE ASPH CONC PAV(0" TO 2") DOLLARS and CENTS	SY	12,082.000	10
	354	6030		PLANE ASPH CONC PAV(0" TO 8") DOLLARS and CENTS	SY	3,564.000	11

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	354	6051		PLANE ASPH CONC PAV (0" TO 1 1/2") DOLLARS and CENTS	SY	44,607.000	12
	420	6136		CL C CONC (RAC-R) DOLLARS and CENTS	CY	161.000	13
	432	6045		RIPRAP (MOW STRIP)(4 IN) DOLLARS and CENTS	CY	805.000	14
	451	6019		RETROFIT RAIL (TY T631) DOLLARS and CENTS	LF	200.000	15
	451	6024		RETROFIT RAIL (TY SSTR) DOLLARS and CENTS	LF	1,259.000	16
	500	6001		MOBILIZATION DOLLARS and CENTS	LS	1.000	17
	502	6001		BARRICADES, SIGNS AND TRAFFIC HAN- DLING DOLLARS and CENTS	MO	11.000	18
	510	6001		ONE-WAY TRAF CONT (FLAGGER CONT) DOLLARS and CENTS	HR	867.000	19
	512	6072		PTB (FRN&INSTL)(SGL SLP)(TY 1) OR (STL) DOLLARS and CENTS	LF	630.000	20
	512	6074		PTB (MOVE)(SGL SLP)(TY 1) OR (STL) DOLLARS and CENTS	LF	12,600.000	21
	512	6076		PTB (REMOVE)(SGL SLP)(TY 1) OR (STL) DOLLARS and CENTS	LF	630.000	22
	533	6001		RUMBLE STRIPS (SHOULDER) DOLLARS and CENTS	LF	135,158.000	23

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	533	6002		RUMBLE STRIPS (CENTERLINE) DOLLARS and CENTS	LF	67,579.000	24
	540	6001		MTL W-BEAM GD FEN (TIM POST) DOLLARS and CENTS	LF	12,655.000	25
	540	6002		MTL W-BEAM GD FEN (STEEL POST) DOLLARS and CENTS	LF	958.000	26
	540	6006		MTL BEAM GD FEN TRANS (THRIE-BEAM) DOLLARS and CENTS	EA	52.000	27
	540	6017		MTL BM GD FEN (LONG SPAN SYSTEM) DOLLARS and CENTS	LF	150.000	28
	542	6001		REMOVE METAL BEAM GUARD FENCE DOLLARS and CENTS	LF	13,684.000	29
	542	6002		REMOVE TERMINAL ANCHOR SECTION DOLLARS and CENTS	EA	4.000	30
	544	6001		GUARDRAIL END TREATMENT (INSTALL) DOLLARS and CENTS	EA	90.000	31
	544	6003		GUARDRAIL END TREATMENT (REMOVE) DOLLARS and CENTS	EA	86.000	32
	545	6001		CRASH CUSH ATTEN (INSTL) DOLLARS and CENTS	EA	2.000	33
	545	6003		CRASH CUSH ATTEN (MOVE & RESET) DOLLARS and CENTS	EA	34.000	34
	658	6014		INSTL DEL ASSM (D-SW)SZ (BRF)CTB (BI) DOLLARS and CENTS	EA	586.000	35

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	658	6016		INSTL DEL ASSM (D-SW)SZ (BRF)GF1 (BI) DOLLARS and CENTS	EA	57.000	36
	662	6109		WK ZN PAV MRK SHT TERM (TAB)TY W DOLLARS and CENTS	EA	2,649.000	37
	662	6111		WK ZN PAV MRK SHT TERM (TAB)TY Y-2 DOLLARS and CENTS	EA	29,218.000	38
	666	6036		REFL PAV MRK TY I (W)8"(SLD)(100MIL) DOLLARS and CENTS	LF	80.000	39
	666	6048		REFL PAV MRK TY I (W)24"(SLD)(100MIL) DOLLARS and CENTS	LF	770.000	40
	666	6093		REFL PAV MRK TY I (W)(RR XING)(100MIL) DOLLARS and CENTS	EA	2.000	41
	666	6205		REFL PAV MRK TY II (Y) 4" (BRK) DOLLARS and CENTS	LF	8,869.000	42
	666	6207		REFL PAV MRK TY II (Y) 4" (SLD) DOLLARS and CENTS	LF	110,980.000	43
	666	6300		RE PM W/RET REQ TY I (W)4"(BRK)(100MIL) DOLLARS and CENTS	LF	7,728.000	44
	666	6303		RE PM W/RET REQ TY I (W)4"(SLD)(100MIL) DOLLARS and CENTS	LF	449,598.000	45
	666	6312		RE PM W/RET REQ TY I (Y)4"(BRK)(100MIL) DOLLARS and CENTS	LF	46,809.000	46
	666	6315		RE PM W/RET REQ TY I (Y)4"(SLD)(100MIL) DOLLARS and CENTS	LF	330,028.000	47

PROJECT STP 2016(475) , ETC.
 COUNTY DUVAL , ETC.

Proposal Sheet
 TxDOT
 FORM 234

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	672	6007		REFL PAV MRKR TY I-C DOLLARS and CENTS	EA	615.000	48
	672	6009		REFL PAV MRKR TY II-A-A DOLLARS and CENTS	EA	9,055.000	49
	678	6001		PAV SURF PREP FOR MRK (4") DOLLARS and CENTS	LF	119,849.000	50
	6001	6002		PORTABLE CHANGEABLE MESSAGE SIGN DOLLARS and CENTS	EA	4.000	51
				ALTERNATE NO. 1A DOLLARS and CENTS			
	344	6047		SUPERPAVE MIXTURES SP-C SAC-A PG70-22 DOLLARS and CENTS	TON	65,573.000	52

GENERAL NOTES:

“Unless otherwise approved by the Engineer, a tack coat will be placed in accordance to Section 340.2.5 “Tack Coat.” A non-tracking tack will be used. The type of tack coat must be approved by the Engineer. This work will not be paid for directly but will be subsidiary to the pertinent bid item(s).

Tack every intermediate layer, unless otherwise directed. Apply it through a distributor spray bar in accordance with Article 316.3 “Equipment”.

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.

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.

Prior to construction, contact the US Border Patrol Office (956-764-3167) regarding inspection stations that are located within project limits. Coordinate work efforts to accommodate ongoing operations at inspection stations.

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 disturbed areas within the ROW are anticipated at less than one (1) acre and/or this project is classified as "surface work" consisting of an asphalt overlay of an existing roadway without shoulder-up disturbances. Due to this type of construction, the project qualifies for exclusion under the *Construction General Permit* (CGP) issued by the Texas Commission on Environmental Quality (TCEQ) on February 15, 2008. However; should the sum of the Engineer's anticipated disturbances and all of the Contractor's (On ROW and off ROW) PSLs equal or exceed the one (1) acre threshold, both TxDOT and the Contractor shall have project responsibilities under the CGP that reverts to non-exclusion status. To insure project compliance with all applicable water quality regulations, the Contractor shall obtain Engineer approval for all non-depicted areas of disturbance that increases the Engineer's initial soil and vegetation disturbed area estimates before associated work operations start.

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.

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.

The Engineer may consider extending working days beyond the end of the seal coat season.

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 134 - Backfilling Pavement Edges

Type A material to be used will meet requirements as approved by the Engineer prior to placement.

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 late start date for the project is to coincide with the end of the asphalt season. 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.

Use vacuum sweeper in curb and gutter sections. This item will be subsidiary to the various bid items.

Item 320 – Equipment for Hot Mix Asphalt Materials

For staged construction, all longitudinal ACP joints shall be constructed with a 3:1 to 6:1 taper. For placement of 2 inches or more, the device will provide a maximum ½ inch vertical edge. Outside edges (next to the grass/earth) will also have a taper or will be backfilled the same day.

Final Surface course: all longitudinal ACP joints for the final Hot Mix surface course shall be in widths equal to travel lane widths so that all final course ACP joints will match the proposed lane striping (pavement markings), unless otherwise directed by the engineer.

Item 344 – Superpave Mixtures

Use aggregate that meets the SAC requirement of class A.

Project Number: STP 2016 (475), etc.

Sheet

County: Duval, etc.

Control: 0086-10-049, etc.

Highway: SH 359, etc.

Contractor is allowed to use a maximum 15% RAP. Excess RAP will be retained by the contractor. The use of RAS will not be allowed on the final riding surface.

The tack coat material used shall be CRS-2P, unless otherwise approved by the engineer.

Refer to Item 585 for ride quality requirements.

Item 351 - Flexible Pavement Structure Repair

The section of roadway where the repair is to be made will be the entire width of the lane and a minimum length of 2 feet on each end of the length of deterioration, unless otherwise directed by the engineer.

Use of a motor grader will not be permitted for asphalt concrete pavement.

Item 354 - Planing and Texturing Pavement

Retain ownership of planed materials. The contractor will be responsible for verifying the existing asphalt depth at the bridge before beginning planing operations. The contractor will be responsible for any needed repairs to the armor joint(s) and/or deck(s) as a result of the planing operations. The repairs will be conducted to the satisfaction of the Engineer. The Contractor will be responsible for all costs incurred for the repairs, including but not limited to materials, labor, equipment, and pertinent incidentals.

Item 420 - Concrete Substructures

Sulfate resistant concrete shall be used in all situations for concrete structures in contact with the natural ground.

Item 451 – Retrofit Railing

Incorporate "Optional Side Slot Drain Detail" when constructing SSTR traffic rail. Refer to "Traffic Rail/Single Slope/Type SSTR" standard.

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.

Place eight inches of both red and white stripes in an inverted "V" design on the back of all TMA's. Conform all sheeting to Departmental Material Specification D-9-8300, Type C.

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 504 - Field Office and Laboratory

Provide a Type D Structure. Ensure the field lab has an office for TxDOT use along with a lockable file cabinet, desk, and chair. Contractor must have at least two designated parking spaces for TxDOT field lab personnel vehicles.

Contractor is responsible to transport to and from the field lab TxDOT owned testing equipment required for hotmix operations. Contractor will pick up, deliver, install, and set up TxDOT owned equipment required in the field lab. TxDOT owned equipment required in the field lab will be picked up at LRD DST LAB, or as determined by the LRD DST LAB supervisor.

Pick up and deliver TxDOT owned equipment under the supervision of a TxDOT lab technician. A TxDOT lab technician will verify the installation and set-up of the equipment at least 48 hrs prior to beginning of hotmix operations (trial batch included).

All equipment will be returned by the contractor in the same manner and location as it was picked up. Contractor is responsible for any damages incurred to TxDOT equipment.

Item 506 - Temporary Erosion, Sedimentation, and Environmental Controls

It is not anticipated that any erosion, sedimentation, or environmental control devices will be needed on this project. However, in the event that such controls are necessary, the SW3P for this project shall consist of the use of any temporary erosion control measures deemed necessary by the Engineer and as provided under this item. Payment for this work will be determined in accordance with Article 4.4, "Changes in the Work".

Project Number: STP 2016 (475), etc.

Sheet

County: Duval, etc.

Control: 0086-10-049, etc.

Highway: SH 359, etc.

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 545 - Crash Cushion Attenuators

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

Item 585 - Ride Quality for Pavement Surfaces

Use pay adjustment schedule 3.

ITEM 6001 - Portable Changeable Message Sign

Provide four (4) 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.

This page intentionally left blank.