

NOTIFICATION OF ADDENDUM

ADDENDUM NO. 2

DATED 7/07/2014

Control	2035-01-019
Project	STP 2014(934)HES
Highway	FM 2101
County	HUNT

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 2014(934)HES

CONTROL: 2035-01-019

COUNTY: HUNT

LETTING: 07/08/2014

REFERENCE NO: 0707

PROPOSAL ADDENDUMS

- PROPOSAL COVER
- BID INSERTS (SH. NO.:
- GENERAL NOTES (SH. NO.: B & C

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

DELETED:

- SPECIAL SPECIFICATIONS:
- ADDED:

DELETED:

OTHER: Plan Sheets 4, 4A, and 56

DESCRIPTION OF ABOVE CHANGES
(INCLUDING PLANS SHEET CHANGES)

Proposal-

Specification Data:

General Notes, Sheet B, Added note under Item 8. Items shifted.

General Notes, Sheet C, Items shifted.

Plan Sheets:

Sheet 4 (General Notes) Added note under Item 8. Items shifted.

Sheet 4A (General Notes) Items shifted.

Sheet 56 (Miscellaneous Details) Added note to Flexible Pavement Repair Details.

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Sheet

County: Hunt

Control: 2035-01-019

Highway: FM 2101

GENERAL NOTES

GENERAL

This project contains the following modified standard sheets TCP-(2-8)-12(MOD), CG-MD (MOD), CSAB (MOD), PM(3)(MOD).

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 shall be approved. Give at least 48 hours notification prior to stockpiling material.

Maintain the existing pavement surface, markings and signs during construction.

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 Article 5.6.C Method C.

Item 6 ~ Control of the Materials:

Paint containing hazardous materials (>7 % lead) has been identified on the metal components of this structure. The Texas Department of Transportation will arrange for any necessary removal of lead paint under a separate paint abatement contract in areas where painted steel must be cut. Provide the Engineer with specific locations on the painted steel members that will require cuts, if necessary, to dismantle the bridge. TxDOT will have the paint removed from these specific cut locations. The existing paint cannot be disturbed at any other location while the structure is dismantled. Provide the Engineer at least 30 days to have the paint abatement performed. If necessary, coordinate with the paint abatement contractor to provide access, or traffic control as directed by the Engineer. Work for traffic control will not be paid for directly but will be subsidiary to other items. Refer to Special Specification 006-030 for additional information.

Asbestos exceeding the 1% abatement threshold has been found in the vibration pad mastic material between the Superstructure and the Support Columns on the bridge. The Texas Department of Transportation will arrange to remove and dispose of the asbestos containing

material under a separate asbestos abatement contract. Coordination with the abatement contractor will be necessary because the asbestos material can only be accessed when the bridge is dismantled. The contractor should avoid disturbing the asbestos containing material. Provide the Engineer at least 30 days to contract and schedule the asbestos abatement contractor and so the abatement contractor can provide necessary notifications to the Texas Department of State Health Services. If necessary, coordinate with the asbestos abatement contractor to provide access or traffic control as directed by the Engineer. Work for traffic control will not be paid for directly but will be subsidiary to other items. Refer to Special Specification 006-030 for additional information.

Item 7 ~ Legal Relations and Responsibilities:

Designate a company representative to receive and resolve damage claims from the public. This person must be available to receive calls during normal business hours, Monday through Friday, during the course of this project. Prior to beginning work, this person’s name, mailing address, and toll-free telephone number will be furnished. This information will be made available to persons who contact the department with claims. Each complainant will receive written notification of the carrier’s response.

The Contractor’s name with a toll-free phone number of the contact person shall be posted at the beginning and end of the project for view by approaching and departing traffic. Isolated construction areas require sign placement in close proximity to the work area as directed. Expenses for sign procurement, installation, removal and incidentals for this work shall be subsidiary to the various bid items in this project.

Item 8 ~ Prosecution and Progress:

Before beginning work on this project submit in writing, for approval, a plan of construction operations outlining in detail a sequence of work to be followed.

Working days will be computed and charged in accordance with Article 8.3.A.4 Standard Work Week.

~~Limit pavement widening operations to one roadway side and to completed one mile sections.~~

Limit base widening, cover prime, and first OCST operations to one roadway side. Apply cover prime so that there is no more than two miles of exposed flex base. The first OCST may be performed upon completion of prime coat.

Item 9 ~ Measurement and Payment:

Provide all measurements required for pay a minimum of 2 days before trucks are used in accordance with Article 9.1.B, “Volume Measurement.”

Item 100 ~ Preparing Right of Way:

Neatly trim trees, overhanging branches and all underbrush, to within five feet of the ROW line, to produce a 60’ vertical clear area. Remove any trees or underbrush that interferes with any



construction operation, including relocation of ditches or other drainage elements. Receive approval of equipment used to trim limbs. A boom axe will not be allowed. Remove all trimmed debris from the ROW, unless otherwise approved.

Item 110 ~ Excavation:

Material below finished subgrade elevation suspected of containing sulfates will be tested in accordance with Tex -145-E by the Department.

Item 112 ~ Subgrade Widening:

Use a milling machine or saw to produce a smooth vertical cut in existing pavement.

Limit daily subgrade widening operations to the amount of base widening (proposed depth) that can be completed daily.

All pavement edge drop-offs, at end of day, shall be backfilled in accordance with the "Treatment for Various Edge Conditions" sheet. Backfill material shall be approved by the Engineer.

Item 132 ~ Embankment:

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

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.

Embankment sources containing sulfates that meets 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. 0 – 3,000 ppm of sulfates - no restrictions.

Rock embankment is excluded for front slope backfill.

Item 152 ~ Road Grader Work:

Use road grader work to windrow sod (6" depth), construct slopes, prepare driveways for surfacing, backfill culvert SET's, grade ditches and channels as necessary to re-establish drainage flow lines 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

Item Desc.	Soil Constants			
	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 shall contain not more than one (1) percent by weight of clay balls.

Item 276 ~ Cement Treatment (Plant Mixed):

Class N strength requirement is 300 psi minimum (7 day unconfined compressive strength).

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.

Correct areas that have more than 1/4 inch variation between any two contacts on a 10 ft. straightedge. Obtain Engineer approval of correction method.

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:

Locate aggregate stockpile at: FM 2101 and FM 1564.

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

Use liquid antistrip or other approved antistrip 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.

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.

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	3
Aggr. Rate (CY/SY)	1:140	1:105
Min. Cure Time	14 days **	

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 334 ~ Hot Mixed Cold-Laid Asphalt Concrete Pavement:

The purpose of this work will be to develop an improved, consistent roadway section before subsequent pavement widening operations. A motor grader may be used for placement – adhere to the other requirements of this specification.

Item 351 ~ Flexible Pavement Structure Repair:

Repair areas will be determined by the Engineer.

Perform pavement repairs before roadway widening.

Item 354 ~ Planing and Texturing Pavement:

Remove existing seal coat applications from bridge deck – use caution to not damage the concrete bridge deck.

During the planing operation, maintain the existing centerline stripe for overnight traffic operations unless full width planing is accomplished in one day. Plane all vertical longitudinal faces with a 3:1 slope to meet Edge Condition I as shown on sheet “Worksheet for Edge Condition Treatment Types”.

The contractor shall dispose of millings (material - multiple seal coats).

Item 400 ~ Excavation and Backfill for Structures:

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

Item 420 ~ Concrete Structures:

Do not use membrane curing for structural elements.

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 430 ~ Extending Concrete Structures:

Excavation, shoring, 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.

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Item 432 ~ Riprap:

The Engineer may adjust placement of riprap in the field.

Filter fabric required for stone riprap.

Item 450 ~ Railing:

Removal of existing railing will be subsidiary to this Item.

Deliver and Stockpile salvaged bridge rail to the Greenville Area Office, 3001 I-30 East, Greenville, TX.

Ensure that no rail ends are left exposed overnight.

Item 459 ~ Gabions and Gabion Mattresses:

Filter material or filter fabric is not required.

Item 460 ~ Corrugated Metal Pipe:

Establish existing flow line elevations before pipe removal. Install proposed structure at original grade or as directed by the Engineer.

Item 464 ~ Reinforced Concrete Pipe:

Cutting and restoration of pavement for driveway culvert pipe replacement will be subsidiary to this Item.

Item 465 ~ Manholes and Inlets:

The Area Zone Drain at station 55+64 may be cast in place. Ensure the same structural integrity as a precast inlet.

Item 467 ~ Safety End Treatment:

Parallel 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. Straighten CMP ends by straightening or cutting off damaged ends. Paint cut off ends with zinc rich paint. 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.

Placement of concrete Riprap apron between wing walls on culverts will be subsidiary to this Item.

Placement of concrete Riprap between multiple SETs on multiple barrel culverts will be subsidiary to this Item.

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

During SET installation culvert pipe will be removed at some locations as indicated in the plans. If necessary relocate and/or saw cut pipe to allow for proposed pipe SET installation. This work will be subsidiary to this Item.

Obtain SET backfill from ROW, per Engineers directions. This work will be subsidiary to this Item.

Item 496 ~ Removing Structures:

Removal and resetting of Safety End Treatments at culverts will be subsidiary to culvert removal.

Item 472 ~ Removing and Re-Laying Culvert and Storm Drain Pipe:

This Item is to reset existing end joints of cross drainage culverts. Seal joints and properly bed pipe according to Items 464 and 400.

Obtain backfill from ROW unless indicated in the plans.

Item 502 ~ Barricades, Signs and Traffic Handling:

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 noted on the Traffic Control Device Inspection Form 599 as soon as possible, but no later than 5 days after notification. Failure to make corrections within 5 days may result in no payment for this Item for the month of the noted deficiency.

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.

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 (MOD). Portable Traffic Signals will be subsidiary to Item 502.

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

Shadow vehicles required when indicated on Standard Sheets.

Item 512 ~ Portable Concrete Traffic Barrier:

Stockpile location is at TXDOT Hopkins County Maintenance facility at Sulphur Springs. Provide PCTB connection hardware if missing at stockpile.

Installation of thrie beam to PTCB will be subsidiary to this Item.

Item 530 ~ Intersections, Driveways and Turnouts:

Public Road/driveway modification limits may be adjusted in the field.

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. Existing posts may not meet current standard for length, etc.

Thrie Beam Transition beams can be obtained at the TXDOT Hopkins County Maintenance facility at Sulphur Springs. Provide connection hardware and curbs.

Ensure that no blunt rail ends are left exposed overnight.

Item 542 ~ Removing Metal Beam Guard Fence:

Salvage existing components on this project for reuse when up to current standards.

Stockpile usable salvaged MBGF at Greenville Area Office, 3001 I-30 East, Greenville, TX.

Ensure that no blunt rail ends are left exposed overnight.

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.

Temporarily relocate and maintain mailboxes and newspaper receptacles during construction. This work will be subsidiary to this Item.

Item 644 ~ Small Roadside Sign Supports and Assemblies:

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, deliver sign faces to the Greenville Area Office, 3001 I-30 East, Greenville, TX.

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 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 and 8251 Reflectorized Pavement Markings:

No 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.

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

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

Item 1122 ~ 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 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 3267 Dense-Graded Hot-Mix Asphalt (Small Quantity):

RAP from contractor owned sources may be used if the RAP is fractionated. The course fraction of contractor owned RAP will not be allowed if it consists primarily of siliceous aggregates. RAP having a deleterious content of greater than 1.5% when tested according to Tex-413-A will not be allowed.

The target lab molded density is 96.5%.

The contractor is responsible for roadway densities on the alternate HMAC widened sections; however, the offset at the random number location will be set at the center of the mat.

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