

# NOTIFICATION OF ADDENDUM

## ADDENDUM NO. 2

**DATED 4/04/2011**

<b>Control</b>	<b>0943-04-030</b>
<b>Project</b>	<b>STP 2011(874)HES</b>
<b>Highway</b>	<b>FM 622</b>
<b>County</b>	<b>GOLIAD</b>

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 2011(874)HES CONTROL: 0943-04-030  
COUNTY: GOLIAD  
LETTING: 04/06/2011  
REFERENCE NO: 0404

**PROPOSAL ADDENDUMS**

- \_ PROPOSAL COVER  
\_ BID INSERTS (SH. NO.: )  
X GENERAL NOTES (SH. NO.: A,C,D,E,AND F THRU J )  
  
\_ SPEC LIST (SH. NO.: )  
\_ SPECIAL PROVISIONS: )  
ADDED:  
  
DELETED:  
  
\_ SPECIAL SPECIFICATIONS:  
ADDED:  
  
DELETED:  
  
X OTHER: PLAN SHEETS 3-7 AND 102A

DESCRIPTION OF ABOVE CHANGES  
(INCLUDING PLANS SHEET CHANGES)

GENERAL NOTES

- SHEET A (PLAN SHEET 3)- GENERAL NOTES:DELETED NOTE "NEW LIVE OAK TREES.."  
SHEET C (PLAN SHEET 4)- ITEM 100 ADDED NOTES CONCERNING RESTRICTIONS ON  
TIMING OF REMOVING LIVE OAK TREES.  
SHEET D (PLAN SHEET 4)- ITEM 164 ADDED NOTE CONCERNING CONTACTING THE  
ENGINEER FOR APPROPRIATE SEED MIX.  
SHEET E (PLAN SHEET 5)- ITEM 192 ADDED ALL NOTES FOR ITEM 192 CONCERNING  
WHAT KIND AND WHERE TREES WILL BE DELIVERED  
SHEETS F THRU J (PLAN SHEETS 6 AND 7)- SHIFTED DUE TO CHANGES ABOVE

PLAN SHEETS

- SHEET 102A - ADDED NOTES CONCERNING WHEN TREES CAN BE REMOVED FROM JOB

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## **GENERAL NOTES:**

### General Notes

Find, for your information and convenience, tools such as forms, software, materials, and various other information provided by the Department at <http://www.dot.state.tx.us/business/>. Please note that these tools are updated periodically and your attention is directed to the latest edition.

In the event of a called evacuation, emergencies, impending adverse weather or as directed, do not perform any work without written authorization. The District reserves the right to suspend all work in support of evacuations or emergencies occurring from other parts of the state. Any work performed, other than work directed by the Department, is unauthorized work in accordance with Item 5.

Sweep, clean and remove any construction waste, surplus materials or debris from the roadway and right of way at the end of each day unless otherwise approved. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

The asphalt season for the placement of asphalt surface courses is March 15 to November 15 unless otherwise approved.

Cut existing pavement using a saw or other approved method to ensure a neat transverse and/or longitudinal line to assure a smooth tie-in with new pavement. Cut to a minimum depth of the final lift thickness. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

Promptly pick up and properly dispose of paper and other materials used for pavement joints.

All pavement markings shall be in accordance with the latest edition of Texas MUTCD.

In an effort to control the broomrape plant, clean all soil moving equipment with high-pressure water at an approved site before removing the equipment from the project.

### **ITEM 2**

It is recommended that prospective bidders examine the specified work locations with the Engineer to view the nature of the work, the need for close coordination with the various utilities, traffic control considerations, and other factors influencing the prosecution of the work.

### **ITEM 5**

Field verify all dimensions and notify Engineer prior to initiating any work.

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Verify the locations of utilities, underground or overhead, shown within the limits of the right-of-way. Adhere to OSHA Standards when working within the vicinity of overhead power lines. Coordinate with the utility companies and notify the Engineer of any possible conflicts. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

Notify the Engineer immediately of utility conflicts in accordance with Item 5.5.B. Refer to Item 4.3 for consideration of differing site conditions.

The responsibility for the construction surveying on this contract will be in accordance with Item 5.6.C, "Method C".

Establish and mark the location of existing standard pavement markings including but not limited to edge lines, transitions, passing and no passing zones, gore areas, etc.

#### **ITEM 6**

Inspection at Precast Concrete Fabrication Plants is as follows: TxDOT's Materials and Pavements Section will inspect any precast units at commercial fabrication yards and staging areas. The Area Engineer will inspect all other precast units.

#### **ITEM 7**

The work performed for Item 7.7, "Public Safety and Convenience" will not be measured or paid for directly, but will be subsidiary to pertinent Items.

When working at street, farm-to-market, state highway, and county road intersections, schedule work to minimize intersection closures. During nonworking hours, all public road intersections will be open to the traveling public.

The total disturbed area for this project is 7.7 acres. The disturbed area in this project, all project locations in the Contract, and 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 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 1 mile of the project limits exceeds 5 acres, provide a copy of the Contractor NOI for PSLs on the ROW to the Engineer.

Establish uniform perennial vegetative coverage with a density of at least 70% of the native background vegetative cover to achieve final stabilization.

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Comply with the Texas Aggregate Quarry and Pit Safety Act for waste areas or material source areas resulting from this project.

### **ITEM 8**

The Contractor will submit a proposed Critical Path Method schedule of work using a bar chart or arrow diagram. The Contractor shall submit this schedule both hard copy and electronic copy, to the Engineer a minimum of seven (7) working days in advance of the preconstruction meeting. Monthly updates will be necessary and will be submitted within 3 working days at the beginning of every month. The updates must include the daily production rates of all work done for the time period.

Submit an updated progress schedule as directed to show proposed major changes, changes affecting compliance with the contract requirements, or changes affecting the critical path/controlling item of work.

Working days will be computed and charge in accordance with Article 8.3.A.4, "Standard Workweek".

Notify the Engineer at least 48 hours in advance of weekend or nighttime work.

### **ITEM 9**

Submit the approved forms to request compensation for material-on-hand (MOH) at least three (3) working days prior to the end of the month. Include any requests from subcontractors, suppliers, or fabricators.

### **ITEM 100**

Coordinate all right of way preparation activities with the project's Storm Water Pollution Prevention Plan (SWP3) and Environmental Permit Issues, and Commitments Sheet (EPIC) or as approved.

Prune trees and shrubs as directed. Use accepted pruning practices in accordance with Item 192 and as defined by the National Arborist Association. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

Removal of Live Oak trees should not take place between March 1<sup>st</sup> through September 30<sup>th</sup>. If trees are to be removed during this time period, nest surveys must be conducted prior to the removal of the trees. If nesting migratory birds are discovered, they shall not be disturbed until the young have fledged.

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### **ITEM 132**

Use embankment material with a plasticity index (PI) ranging from 10 to 40. Blend or treat approved materials to achieve the desired PI and pulverize the material so that 100% passes the 3 inch sieve. Retest materials as borrow sources change or when the material changes significantly. Notify the Engineer of the proposed material sources and of changes to material sources. The Engineer may sample and test project materials at any time before compaction throughout the duration of the project to assure specification compliance. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

Obtain approval to incorporate existing salvaged asphaltic surface and flexible base materials in the surface layer. If approved, incorporate existing materials no larger than 2 inches in the surface layer. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

The estimated quantities for embankments adjacent to culverts and bridges were calculated using the average-end-area method.

### **ITEM 134**

Use backfill material with a plasticity index (PI) ranging from 15 to 35. Notify the Engineer of the proposed material sources and of changes to material sources. The Engineer may sample and test project materials at any time before compaction throughout the duration of the project to assure specification compliance.

Windrow the existing topsoil and grass along the edge of the grading operations or as directed. After grading operations are completed, spread the topsoil and grass uniformly on all slopes and ditch lines. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

Manipulate and compact backfill material in accordance with Item 132.3.D.1, "Ordinary Compaction". The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

### **ITEM 164**

Contact Engineer for appropriate seed mix.

Restore and seed areas not shown in the plans disturbed by the Contractor's operations. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

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Notify the Engineer of the unavailability of any seed mix. Make changes to the seed mix as approved.

Use a tacking agent of 50% SS-1 and 50% water and apply the agent at a rate of 0.10 gal/sy or as directed. A biodegradable tacking agent may be used in lieu of the SS-1 tacking agent in accordance with the manufacturer's recommendations when approved. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

**ITEM 168**

Distribute water to only those areas shown in the plans or as directed. Excessive overspray will not be permitted.

Water all areas of the project to be seeded or sodded every two (2) days for 90 days or as directed. Apply water in a manner to ensure adequate moisture but not to erode the soil in-place. During periods of adequate moisture, mechanical watering may not be required as approved. Upon final stabilization, the Engineer may require to continue watering as specified for a period not to exceed 30 days.

**ITEM 192**

Texas native Live Oak trees (*Quercus Virginiana*) are to be delivered between October 2011 and November 2011 to:

Goliad State Park & Historical Site  
108 Park Road 6 (near US 183)  
Goliad, TX 77963-3206  
(361)-645-3405

**ITEM 310**

Use MC-30 at a rate of 0.20 gallons per square yard or as directed.

**ITEM 316**

Clean aggregates showing signs of excessive dust from the stockpile or while handling during construction. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

Do not place surface treatment on exposed concrete structures unless directed.

Furnish a distributor equipped with a hand hose in working condition.

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Material rates shown are for estimating purposes only. Adjust actual rates based on the material used, the existing condition and type of roadway surface, and as approved. When using asphalt emulsion, a minimum 24-hour curing period is required before placing any subsequent asphalt courses.

Stockpiling of aggregates may begin after the execution of the Authorization to Begin Work or issuance of the work order.

Remove vegetation and blade pavement edges prior to surfacing operations. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

Broom and clean sealed sections of roadway and all adjacent paved surfaces, including the gutter line, of any surplus aggregate before opening to traffic or as directed.

#### **ITEM 432**

Saw cut the existing riprap to ensure a neat transverse and/or longitudinal line to assure a smooth tie-in with new riprap. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

Reinforce concrete riprap with 4 x 4 – W2.9 x W2.9 welded wire fabric or with No. 3 reinforcing bars spaced at a maximum of 12 inch in each direction.

#### **ITEM 460**

Use a minimum permissible corrugation of 2-2/3" x 1/2" and a minimum gauge of 16 for full-circle pipe.

#### **ITEM 462**

Use cold-applied, plastic asphalt sewer joint compound for all joints. Provide sandproof tape for all pipe placed in cohesionless backfill material as approved, or provide gaskets that conform to Item 464.2.I.3.

The work performed for concrete collars will not be measured or paid for directly, but will be subsidiary to pertinent Items.

#### **ITEM 464**

The work performed for concrete collars will not be measured or paid for directly, but will be subsidiary to pertinent Items.

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**ITEM 467**

Place safety end treatments with a uniform slope.

Provide 5/8" x 6" galvanized hooked bolts with 2 hex nuts at a spacing not to exceed 24 inches center to center for metal pipes with riprap sloped headwalls. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

Reinforce concrete riprap with 4 x 4 – W2.9 x W2.9 welded wire fabric or with No. 3 reinforcing bars spaced at a maximum of 12 inch in each direction.

The work performed for concrete collars will not be measured or paid for directly, but will be subsidiary to pertinent Items.

The use of precast Type II safety end treatments with integrally cast riprap aprons is allowed as approved. All safety end treatments shall include riprap to the dimensions shown on PSET-RR. This riprap shall be subsidiary to Item 467.

**ITEM 500**

"Materials on Hand" payments are not considered when determining partial payments.

**ITEM 502**

Furnish additional barricades, signs, and traffic handling as directed. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

Traffic control for daytime lane closures shall be in accordance with TCP (2-2)-03.

When advanced warning flashing arrow panels are specified, furnish one (1) standby unit in good condition at the job site for immediate use.

The Contractor's Responsible Person (CRP) or his representative(s) shall be located within one hour of traveling time to the project site. The Contractor shall notify the Engineer in writing of the name, physical address, and telephone number of this employee or these employees. The Engineer shall furnish this information to local law enforcement officials.

Maintain traffic control devices by taking corrective action as soon as possible. Complete corrective action within 48 hours of written notification regardless of the day of the week involved unless otherwise directed.

Provide a positive means of communication between flaggers unless otherwise approved.

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Attach stop/slow paddle to a staff with a minimum length of 6 feet to the bottom of the sign.

The use of a pilot vehicle in conjunction with flaggers will be permitted. If used, provide positive and unrestricted communication between the driver of the pilot vehicle and the flaggers. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

**ITEM 506**

Designate in writing a Contractor Responsible Person (CRP) for implementing, maintaining, and reviewing environmental requirements.

**ITEM 530**

Replace existing driveways not shown on the plans when directed. The work performed will be measured or paid for by Item 530, "Driveways".

If conditions warrant, driveway locations, widths, or lengths may be adjusted as directed.

**ITEM 540**

Complete each location during the working day. No exposed bridge rail or guard fence ends will be permitted at the end of the working day or unattended during the working day.

Mixing of wood post types and shapes will not be permitted at the same location.

**ITEM 542**

Disassemble, deliver and neatly stack salvageable materials at the TxDOT Maintenance yard on US 59 in Goliad. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

**ITEM 544**

Drill an 18-inch pilot hole for post embedment.

The method of placing steel tubes in drilled holes is not permitted.

**ITEM 644**

Use crash worthy supports as shown on the BC sheets, the CWZTCD, or as directed for signs relocated using temporary supports. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

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Disassemble, deliver and neatly stack salvageable materials at the TxDOT Maintenance yard on US 59 in Goliad. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

**ITEM 662**

Use temporary flexible-reflective roadway marker tabs at the beginning and end of no passing zones as shown on the TCP (7-1)-98 for seal coats and WZ(STPM)-03 for hot mix overlays.

**ITEM 8251**

Establish and mark the location of existing standard pavement markings including but not limited to edge lines, transitions, passing and no passing zones, gore areas, etc.

Place pavement markings no later than 14 calendar days after the placement of the surface. When inclement weather prohibits placement of the markings, the 14-day period may be extended until weather permits proper application.

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**SPECIFICATION DATA**

**COMPACTION REQUIREMENTS  
DENSITY**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>DENSITY</b>
247	Ty A Gr 5 Base	100% Minimum

**SURFACE TREATMENT DATA FOR ROADWAY**

<b>DESCRIPTION</b>	<b>1<sup>st</sup> COURSE</b>	<b>SEALCOAT</b>
Surf. Trt. Type	Item 316	Item 316

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<b>DESCRIPTION</b>	<b>1<sup>st</sup> COURSE</b>	<b>SEALCOAT</b>
Asphalt Type	AC-5 or AC-10   Emul	AC-15P   Emul
Rate (gal / sy)	0.32   0.42	0.30   0.40
Aggregate	Ty PE Gr 3 or 3S SAC-B	Ty PE Gr 4 or 4S SAC-B
Aggr. Rate (cy/sy)	1:85	1:110

**ITEM 310 - PRIME COAT**

ASPHALT TYPE ----- MC-30  
 AVERAGE ASPHALT RATE (GAL/SY) -----0.20

**ITEM 168**

CSJ: 0943-04-030  
 VEGETATIVE WATERING @ 50 MG/AC x 1.24 AC ----- 62 MG

CSJ: 0943-04-031  
 VEGETATIVE WATERING @ 50 MG/AC x 5.73 AC ----- 287 MG

**SEQUENCE OF WORK FOR ROADWAY**

1. Erect all project barricades.
2. Begin cross-drainage culvert extensions and safety-end-treatments.
3. Perform subgrade widening and place flex base on one side of roadway.
4. Repeat step 3 for other side of roadway.
5. Place prime coat and one course surface treatment.
6. Place seal coat over entire roadway.
7. Place permanent pavement markings and markers.
8. Remove project barricades.