NOTIFICATION OF ADDENDUM

ADDENDUM NO. 1

DATED 1/05/2015

Control	**0123-05-014**
Project	**STP 2015(531)**
Highway	**US 84**
County	**RUSK**

Ladies/Gentlemen:

Attached please find an addendum on the above captioned project. Included in the attachment is an adendum 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.

04/99

SUBJECT: PLANS AND PROPOSAL ADDENDUMS
PROJECT: STP 2015(531) CONTROL: 0123-05-014
COUNTY: RUSK
LETTING: 01/06/2015
REFERENCE NO: 0105

PROPOSAL ADDENDUMS

_ PROPOSAL COVER
_ BID INSERTS (SH. NO.:)
X GENERAL NOTES (SH. NO.: E)
_ SPEC LIST (SH. NO.:)
_ SPECIAL PROVISIONS:
ADDED:

DELETED:

_ SPECIAL SPECIFICATIONS:
ADDED:

DELETED:

X OTHER: Plan Sheet 4B

DESCRIPTION OF ABOVE CHANGES
(INCLUDING PLANS SHEET CHANGES)

General Notes Sheet E & Plan Sheet 4B

Removed note, "Lane closures will not be permitted between the hours ..."

Prime Coat And Surface Treatment Data	
Item	**Application**
	First Surface Treatment
Asphalt, Type - Grade	AC-20XP, AC-10-2TR, OR AC-20-5TR
Asphalt, Rate (gal./sq. yd.)	0.42 GAL / SY
Aggregate, Type	TY PD OR TY PL
Aggregate, Grade	GR 3
Aggregate, Rate (cu. yd./sq. yd.)	1 CY / 90 SY
Aggregate Class***	
Flakiness Index	25

***See rated source quality catalog

GENERAL.

Remove all vegetation from pavement edges, intersections, and driveways prior to planing operations, seal coat, or ACP operations. This work will not be paid for directly, but will be subsidiary to the bid items of the Contract.

Provide a 20-ft. length per 1-in. depth temporary taper at all transverse joints in the travel lane before opening to traffic. This work will not be paid for directly, but will be subsidiary to the bid items of the Contract.

ITEM 5. CONTROL OF THE WORK

Use “Method C” for construction surveying in accordance with Section 5.6.C and maintain stationing throughout the project at no more than 100’ intervals or as directed by the Engineer.

ITEM 7. LEGAL RELATIONS AND RESPONSIBILITIES

Concrete truck drivers and concrete pump operators are required to wash out only in designated areas specifically constructed for eliminating run-off. Dispose of materials in accordance with federal, state, and local requirements.

ITEM 9. MEASUREMENT & PAYMENT

In accordance with Article 9.1, “Measurement of Quantities,” furnish the tare and maximum gross weights as well as the volume capacity of all vehicles, trucks, truck-tractors, trailers, semi-trailers, or combination of such vehicles used to deliver materials for this Contract. Also, furnish calculations supporting these weights and capacities. Provide all measurements required for pay a minimum of 2 days before the trucks are used.

ITEM 134. BACKFILLING PAVEMENT EDGES

Place mulch sod for backfilling pavement edges using an approved road widener. The use of this machine will allow mulch sod for backfilling the pavement edge to be placed from the final roadway surface. Use a self-propelled machine capable of transferring mulch sod from a dump truck located on the pavement surface to the front slope along the pavement edge. This machine may have a strike-off that will spread the mulch sod to conform to the typical section. The dump trucks and road widener shall travel in the direction of the traffic unless otherwise approved. The use of this machine will be subsidiary to Item 134.

ITEM 166. FERTILIZER

Place fertilizer at the rate of 1 lb. per 9 sq. yd. on prepared area before placing mulch sod and 1 lb. per 9 sq. yd. top dressing after placing mulch sod.

ITEM 168. VEGETATIVE WATERING

Apply water to all newly placed sod or seeded areas the same day of installation. Maintain the sod or seeded areas in a completely watered condition. Do not allow sod or seeded areas to dry out so that water stress is evident.

ITEM 314. EMULSIFIED ASPHALT TREATMENT

Before application, dilute the emulsion with water up to a maximum dilution of 50% at a distribution rate of 0.30 gal. per sq. yd.

ITEM 316. SURFACE TREATMENTS

Protect all existing bridges, curbs, and other exposed concrete surfaces from asphaltic materials by any acceptable method. Removal of excessive asphaltic materials deposited on these surfaces will be at the Contractor’s expense.

During surface treatment application, if existing conditions warrant, vary the lane widths, transitions, and intersection areas as directed.

Perform rolling as directed with equipment complying with Section 210.2.D.2, “Medium Pneumatic Tire.” This work will not be paid for directly, but will be subsidiary to pertinent Items.

Complete surface treatment and allow surface to cure for 10 days before placing asphaltic concrete pavement unless otherwise authorized or directed.

Do not apply asphalt later than 1 hour before sunset unless otherwise approved.

Place surface treatments between May 1 and August 31 unless otherwise authorized or directed.

The rates shown on the plans for asphalt and aggregate are for estimating purposes only. The rates may be varied as directed.

ITEM 320. EQUIPMENT FOR ASPHALT CONCRETE PAVEMENT

Provide either a material transfer vehicle or material transfer paver for the surface course of this project as approved.

ITEM 351. FLEXIBLE PAVEMENT STRUCTURE REPAIR

Replace the unstable pavement structure with 6 in. of asphaltic concrete pavement base (Type C), unless otherwise directed. The Engineer will determine the exact locations and limits of pavement repair in the field prior to beginning this Item of work. ACP testing may be waived as directed.

ITEM 354. PLANING AND TEXTURING PAVEMENT

Accept ownership of planed material generated on this project. Stockpiling planed material on the ROW will not be allowed.

Vary planing locations to meet field conditions as directed. Begin and end planing at a sawed or planed vertical joint to provide a smooth transition to existing pavement. Provide a 20-ft. length per 1-in. depth temporary taper at all transverse joints in the travel lane before opening to traffic.

Prime area where the underlying flexible base is exposed during the planing operation using an approved asphalt. The Engineer will determine the rate. Patch area as necessary with an approved ACP material. Perform this work at the end of the day's operation as directed. This work will not be paid for directly, but will be subsidiary to Item 354.

Before opening planed areas to traffic, bevel vertical or near vertical longitudinal faces in the pavement surface.

ITEM 421. HYDRAULIC CEMENT CONCRETE

The Engineer will provide strength-testing equipment.

Provide the Engineer with a mixture design report using Department-provided software in accordance with Section 421.4.A, "Classification and Mix Design," of the standard specifications. Include in the report the producer's plant, all materials sources, and a unique identification number for the design.

Air is not required on concrete cast-in-place elements on this project. If the Contractor proposes the use of an existing concrete design containing air, the Engineer must approve the design in writing prior to placement. If utilized, air testing will be performed in accordance with the specifications.

ITEM 438. CLEANING AND SEALING JOINTS

Complete installation of the Class 3 Hot Poured Rubber Joint for each lane within one day after the placement of the HMAC surface over the joint.

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 on 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 on the plans; standard BC sheets; Compliant Work Zone Traffic Control Device List, and Item 502 of the Standard Specifications.

Inspect and correct deficiencies each day throughout the duration of the Contract.

Provide at least one employee on call nights and weekends (or any other time that work is not in progress) for maintenance of signs and traffic control devices. This employee must have an address and telephone number near the project, as approved. Notify the Engineer in writing of the name, address, and telephone number of this employee. The Engineer will furnish this information to local law enforcement officials.

In addition to providing a Contractor's Responsible Person and a phone number for emergency contact, have an employee available to respond on the project for emergencies and for taking corrective measures within 30 minutes.

Sign all roads intersecting the project in accordance with current BC standards.

Refer to the traffic control plan sheets for traffic handling through the work area. Contractor may vary the signing arrangement and spacing as necessary to fit field conditions; however, any proposed changes in the traffic control plan must be approved before implementation.

When the sequence of work is shown on the plans, the Contractor may submit an alternate proposal for approval. Submit in writing all proposed variations and revisions.

High-visibility safety apparel is required for workers in accordance with the General Notes on current BC standards.

Place and maintain signs, channelizing devices, and flaggers to direct and route traffic at any location and for any period of time as may be required or directed.

When operations require a lane closure, provide cones, vertical panels, drums, signs, flaggers, and flashing arrow panels as necessary to route traffic around the closed lane as shown on the plans and as directed. Lane closures will be limited to one specific lane as directed.

Unless otherwise approved, lane closures for minor or major construction operations will not be allowed on Good Friday, Easter weekend, Memorial Day, Memorial Day weekend, July 4th, Labor Day, Labor Day weekend, Thanksgiving Day thru Sunday, Christmas Eve, Christmas Day, New Year's Eve, New Year's Day, or on any other high traffic days or holidays as determined.

Erect R4-1 (Do Not Pass) and R4-2 (Pass With Care) signs to mark existing no-passing zones as directed. (These signs will not be required if these zones will not be eliminated during construction.)

Maintain existing roadside signs within this project's limits during this Contract. In order to accommodate the grading or other operations, temporarily relocate these signs in accordance with the TMUTCD as directed. This work will not be paid for directly, but will be subsidiary to Item 502.

Provide truck-mounted attenuators (TMA) as shown on the appropriate traffic control plan sheets. Provide a letter certifying that all TMA used on this project meet NCHRP 350 or AASHTO Manual for Assessing Safety Hardware (MASH) requirements.

Regulate all construction activities and equipment to minimize inconvenience to the traveling public. At points where it is necessary for trucks to stop, load, or unload, provide warning signs and flaggers to protect the traveling public.

The pavement shall be entirely open to traffic each night. Remove or clearly barricade all material stockpiles, equipment left overnight, or any obstruction within 30 ft. of a travelway as approved.

The Contractor Force Account "Safety Contingency" is intended to be used for work zone enhancements that could not be foreseen in the project planning and design stage for the purpose of improving the effectiveness of the Traffic Control Plan. 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.

Provide a pilot vehicle.

Prior to beginning work, the Contractor and Engineer shall agree on the allowable length of lane closure.

All work required by these general notes, except as provided for by Item 502, will not be paid for directly, but will be subsidiary to Item 502 unless otherwise shown on the plans.

ITEM 540. METAL BEAM GUARD FENCE

Do not paint treated timber posts.

Use timber posts on all metal beam guard fence except where steel posts are required in accordance with “Low Fill Culvert Post Mounting” details shown on standard sheet MBGF.

ITEMS 540 & 542. METAL BEAM GUARD FENCE & REMOVING METAL BEAM GUARD FENCE

Prior to removal of existing MBGF and associated appurtenances, submit to the Engineer for approval a work plan, including a detailed timeline, outlining removal and reinstallation of safety features. It is the intent that the Contractor has the necessary materials and labor force available to reinstall the safety features prior to beginning the removal process.

Regardless of when the Contractor installs proposed MBGF, set the rail height to account for any subsequent surfacing work in order to be in accordance with standard MBGF upon completion of the Contract.

ITEM 542. REMOVING METAL BEAM GUARD FENCE

The Engineer will determine the metal beam guard fence to be salvaged and location of stockpile sites.

All metal beam guard fence not designated for re-use will become the property of the Contractor. Dispose of fence as directed.

ITEM 544. GUARDRAIL END TREATMENTS

The type of GET will be Type 1 unless otherwise shown on the plans.

ITEM 585. RIDE QUALITY FOR PAVEMENT SURFACES

Use Surface Test Type B pay adjustment schedule 3 to evaluate ride quality of the travel lanes in accordance with Item 585, “Ride Quality for Pavement Surfaces.”

ITEM 662. WORK ZONE PAVEMENT MARKINGS

Contractor may use paint and beads for work zone pavement markings (non-removable.)

Dispose of all empty paint containers and unused paint in accordance with federal, state, and local requirements.

Do not use foil backed pavement markings as removable work zone pavement markings. Removable work zone pavement markings shall be pliant polymer detour grade (removable) material or other markings that can be obliterated or removed to the satisfaction of the Engineer.

The Contractor will be responsible for furnishing and placing work zone pavement markings (short term)(tab) on center lines and lane lines in accordance with WZ(STPM), and provide warning signs in accordance with TCP (7-1). Place tabs within 1 in. of the proper alignment as established by the Contractor and approved by the Engineer. Remove tabs after placement of permanent markings. Tab removal will be subsidiary to Item 662.

ITEM 666. REFLECTORIZED PAVEMENT MARKINGS

Use the spray method for application of the thermoplastic compound for lane lines, barrier lines, edge lines and channelizing lines.

For lengths greater than 300 ft., the Contractor shall be responsible for the placement of pilot guideline markings. Place markings in the proper alignment as established by the Contractor and approved by the Engineer. Previously placed tabs that are preserved on the approved alignment may be used as a guide for the placement of pilot guideline markings. Controlled surveys may be required for the proper placement of tabs and for the proper placement of control points for pilot guideline markings.

Provide a crew experienced in the work of installing pilot guideline markings and in the necessary traffic control. Supply all the equipment, personnel, traffic control, and materials necessary for the placement of pilot guideline markings as directed. All work shall be in conformance with Part VI of the TMUTCD.

Pilot guideline markings placed on the roadway for alignment purposes shall be temporary in nature and shall not establish a permanent marking on the roadway. The Engineer will approve materials used for pilot guideline markings and equipment used for placement.

The Engineer will establish beginning and ending points of no passing zones.

Furnish Type II glass beads conforming to DMS-8290, "Glass Traffic Beads," for this project.

ITEM 672. RAISED PAVEMENT MARKERS

Provide dispensing equipment such that the bituminous material can be directly applied from the melting pot to the pavement surface without secondary handling. Dispensing material from the melting pot into a separate container and then to the pavement surface will not be permitted. Intermittent agitation of the bituminous material shall be by a method approved by the Engineer to ensure even heat distribution and shall be such that the adhesive is agitated at approved and consistent intervals.

ITEM 1122. TEMPORARY EROSION, SEDIMENTATION, AND ENVIRONMENTAL CONTROLS

Remove dirt, silt, rocks, debris, and other foreign matter that accumulates in all structures due to project erosion and Contractor's operations. Keep stream channels open at all times. This work will not be paid for directly, but will be subsidiary to this Item.

The total disturbed area for this project is 3.7 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. Obtain any required authorization from the TCEQ for any Contractor PSLs for the construction support activities on or off right of way. 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 right of way to the Engineer (to the appropriate MS4 operator when on an off-State system route).

The Engineer will provide copies of the Construction Site Notice and Notice of Intent. Post and maintain these documents at the project limits and at major roadways intersecting the project as directed. This work will be subsidiary to Item 1122.

ITEM 3267. DENSE-GRADED HOT-MIX ASPHALT (Small Quantity)

The Engineer may accept a previously approved design, if prior experience using the design was satisfactory. Unless waived by the Engineer, a trial batch will be required as outlined in Item 3267. The Hamburg Wheel Tracking requirements are waived for driveways.

Give the State inspector at the spreading and finishing machine 1 weight ticket for each load of material. When directed, weigh asphaltic concrete loads on public scales to ensure the proper weight of material.

When using crushed gravel as a coarse aggregate for ACP, use 1% lime as an antistripping agent.

For materials paid for by the ton, provide a summary spreadsheet in accordance with Article 520.2, "Equipment."

ITEM 3268. DENSE-GRADED HOT-MIX ASPHALT

Provide Class A coarse aggregate for the surface as listed in the Department's *Bituminous Rated Source Quality Catalog* (BRSQC).

When using crushed gravel as a coarse aggregate for ACP, use 1% lime as an antistripping agent.

Target laboratory molded density is 97%.

Provide coarse aggregate for the final surface course from the same source or blended sources unless otherwise directed.

Give the State inspector at the spreading and finishing machine one weight ticket for each load of material. When directed, weigh asphaltic concrete loads on public scales to ensure the proper weight of material.

For materials paid for by the ton, provide a summary spreadsheet in accordance with Article 520.2, "Equipment."

All RAP used on this project shall be fractionated. If an existing mix design is submitted for use as Warm Mix Asphalt (WMA), then a new trial batch with passing Hamburg Wheel test results is required.

Use an electrical impedance (non-nuclear) measurement gauge to determine mat segregation and joint density for Part V and Part VIII of test procedure TEX-207-F. Do not use nuclear density gauges or thin lift gauges for segregation or joint density determinations. Data reporting for mat segregation and joint density shall be performed on Department templates.

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