

# NOTIFICATION OF ADDENDUM

## ADDENDUM NO. 1

**DATED 11/20/2015**

<b>Control</b>	<b>0069-04-042, ETC.</b>
<b>Project</b>	<b>NH 2016(403)</b>
<b>Highway</b>	<b>US 87</b>
<b>County</b>	<b>STERLING, ETC.</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: NH 2016(403)

CONTROL: 0069-04-042

COUNTY: STERLING

LETTING: 12/03/2015

REFERENCE NO: 1119

**PROPOSAL ADDENDUMS**

- 
- PROPOSAL COVER
  - BID INSERTS (SH. NO.: )
  - GENERAL NOTES (SH. NO.: Sheet C )
  
  - SPEC LIST (SH. NO.: SHEET 2 OF 2 )
  - SPECIAL PROVISIONS: )
    - ADDED: 008---003
  
    - DELETED: 008---002
  
  - SPECIAL SPECIFICATIONS:
    - ADDED:
  
    - DELETED:
  
  - OTHER: SEE CHANGES OUTLINED BELOW

DESCRIPTION OF ABOVE CHANGES  
(INCLUDING PLANS SHEET CHANGES)

E-VERIFY CERTIFICATION IS VOIDED AND NOT REPLACED.

GENERAL NOTES:

SHEET C; REPLACED FOURTH PARAGRAPH UNDER ITEM 354

SHEET D; SHIFTED SLIGHTLY DUE TO THESE CHANGES

SPECIFICATION LISTS:

SHEET 2 OF 2; REPLACE SP 008---002 with SP 008---003

PLAN SHEETS:

SHEET 6A - REPLACED

SHEET 38 - REPLACED

**BASIS OF ESTIMATE**

Item No.	Description	Usage	Area		Rate (average rates shown for shoulders)	Estimated Quantity	
344	Superpave Mixtures	NB mainlanes	221,773	SY	165 LB/SY	18,296	TON
		NB inside shoulder	55,443	SY	128.3 LB/SY	3,558	TON
		NB outside shoulder	92,406	SY	121 LB/SY	5,591	TON
		SB mainlanes	221,773	SY	165 LB/SY	18,296	TON
		SB inside shoulder	55,443	SY	128.3 LB/SY	3,558	TON
		SB outside shoulder	92,406	SY	121 LB/SY	5,591	TON
		Crossovers	42,343	SY	165 LB/SY	3,493	TON
		Various	5,602	SY	165 LB/SY	462	TON

**GENERAL NOTES**

The following Standard Sheets have been modified: NONE.

Locate the project bulletin board at an approved location within the project limits such as at a field office, staging area, or stockpile, and make accessible to the public at all times. Do not remove the bulletin board from the project until approved. If a construction site notice is required for the project, post a copy at each geographically separated work location.

In those instances where fixed features require, vary the governing slopes indicated in these plans from within the limits to the extent determined.

If Contractor elects to establish a pit within 200 ft. of a public road, construct a barrier or other device in accordance with Natural Resources Code, Chapter 133, and Section 133.041.

Do not use salt water with solids in excess of 10,000 parts per million, as determined by evaporation.

**County:** STERLING, ETC.

**Control:** 0069-04-042, ETC.

**Highway:** US 87

**Item 2, “Instructions to Bidders”**

For questions call:

Casey McGee, P.E.  
San Angelo Area Engineer  
2802 Armstrong  
San Angelo, Texas 76903  
(325) 486-3801  
Casey.McGee@txdot.gov

**Item 5, “Control of the Work”**

Responsibility for construction surveying shall conform to Section 5.9.3., “Method C.”

**Item 7, “Legal Relations and Responsibilities”**

All motor vehicle equipment having an obstructed view to the rear shall have a reverse signal alarm audible above the surrounding noise level.

**Item 8, “Prosecution and Progress”**

Submit the sequence of work and estimated progress schedule on paper or as a Portable Document Format (PDF) electronic file compatible with Adobe Systems Incorporated “Acrobat Reader X”.

**Item 9, “Measurement and Payment”**

Provide a conversion rate for units of payment for work subcontracted to disadvantaged business enterprises if units of payments differ from those shown on the plans.

The progress payment period shall end two working days before the last working day of the month. Deliver invoices to be paid as material on hand on or before the end of the progress payment period.

**Item 302, “Aggregates for Surface Treatments”**

Stockpile aggregates separately and label stockpiles with project number, material type, and grade.

**Item 316, “Seal Coat”**

Do not place wet aggregate.

Use medium pneumatic rollers that meet the requirements of Item 210, "Rolling." If traprock aggregate is used, the Engineer may require steel wheel rollers.

**County:** STERLING, ETC.

**Control:** 0069-04-042, ETC.

**Highway:** US 87

**Item 320, “Equipment for Asphalt Concrete Pavement”**

Provide production equipment that ensures a uniform continuous production rate of at least 150 tons per hour.

Use of motor grader equipment to place limestone rock asphalt pavement is allowed.

**Item 344, “Superpave Mixtures”**

Liquid antistripping agents are allowed.

Do not dump and reload hot mix asphalt into a material transfer device, truck, or asphalt paver using a front-end loader.

Should the paving operation stop three times in one day due to equipment malfunction or mixture flow interruption, the engineer may require the contractor to immediately suspend operations until the next working day.

Hauling equipment is subjected to weight verification.

Design a mixture with a gradation that has stone-on-stone contact and passes within the reference zone shown in Table 8. Verify stone-on-stone contact using the method given in the Superpave design procedure in Tex-204-F, Part IV.

**Item 354, “Planing and Texturing Pavement”**

Remove and dispose of existing raised pavement markers, jiggle bars, and traffic buttons before planing.

Mark and saw cut straight lines at the boundaries of planed areas. Do not saw cut pavement until the lines are approved.

Take measures to prevent reclaimed asphalt pavement (RAP) from entering storm drain grates, inlets and waterways.

All reclaimed asphalt pavement (RAP) not incorporated into the project shall become the property of the Contractor.

Maintain approved sediment control measures around the stockpile of reclaimed asphalt pavement (RAP) material at all times. This shall not be paid for directly but shall be considered as included in payment for this item.

**Item 502, “Barricades, Signs and Traffic Handling”**

The contractor force account “Safety Contingency” that has been established for this project is for work zone enhancements that were unforeseen in the project planning and design stage, but would improve the effectiveness of the traffic control plan. These enhancements will be mutually agreed upon by the Engineer and the Contractor’s

**County:** STERLING, ETC.

**Control:** 0069-04-042, ETC.

**Highway:** US 87

Responsible Person based on weekly or more frequent traffic management reviews on the project. The Engineer may choose to use existing bid items if doing so does not slow implementation of work zone enhancements.

Furnish regulatory speed limit signs. The Engineer will determine placement locations and will provide supervision to the Contractor in placing, removing and replacing these signs. The construction speed zones are as follows:

highway	begin reference marker	end reference marker	existing speed limit (mph)	work zone speed limit (mph)
US 87	424+0.897	436+0.000	75	65

Shadow, lead, and trail vehicles shown on the plans are required.

Traffic control devices denoted with the triangle symbol on the plans may be omitted.

Use high level warning flags on advance warning signs during daytime operations.

Furnish and install temporary rumble strips as shown on Standard Sheet WZ(RS).

Furnish and install signs CW21-1T "GIVE US A BRAKE" as shown on Standard Sheet WZ(BRK).

One-way traffic control will be included in payment for this Item.

Provide flaggers at such times and locations as directed to ensure the safe passage of traffic through construction areas. When flaggers are used to control traffic, furnish and install signs CW20-7 "FLAGGER SYMBOL", CW20-7aD "FLAGGER AHEAD", and CW3-4 "BE PREPARED TO STOP". Flaggers shall use 24 in. STOP/SLOW paddles.

Warning reflectors mounted on plastic drums may be substituted in place of Type C steady burn warning lights.

Omit advance warning signs and furnish and install reduced size signs CW20-1 "ROAD WORK AHEAD" mounted back to back with reduced size signs G20-2 "END ROAD WORK" signs at intersecting city streets and county roads.

Furnish and install signs CW20-1D "ROAD WORK AHEAD", G20-1aT "ROAD WORK ←NEXT X MILES, NEXT X MILES→", and G20-2 "END ROAD WORK" at intersecting state highways.

Use a shadow vehicle with a truck-mounted attenuator in advance of work areas when installing short line and specialty markings (yield triangles, stop bars, arrows, words, numbers, and diagonals on islands). Place cones around the perimeter of the work area, from the shadow vehicle to the end of work area. Provide duplicate warning signs on the median side of divided roadways.

**County:** STERLING, ETC.

**Control:** 0069-04-042, ETC.

**Highway:** US 87

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

Cones may be used as the typical channelizing device.

**Item 504, "Field Office and Laboratory"**

Furnish one Type B structure. Provide internet connectivity, a printer/fax/scan/copier capable of handling 11x17 documents, and telephone.

Furnish one Type D structure. Provide equipment for performing tests referenced in the specifications for asphalt concrete pavement. Asphalt content will be determined by the ignition method.

**Item 506, "Temporary Erosion, Sedimentation, and Environmental Controls"**

The project is exempt from the Texas Pollutant Discharge Elimination System (TPDES) General Permit (TXR15000). Exempt projects are those that disturb less than one acre or routine maintenance activities that maintain the original line and grade, hydraulic capacity, or original purposes of the site. No temporary erosion control measures or Storm Water Pollution Prevention Plan (SW3P) have been included in the plans.

The Migratory Bird Treaty Act of 1918 states that it is unlawful to kill, capture, collect, possess, buy, sell, trade, or transport any migratory bird, nest, young, feather, or egg in part or in whole, without a federal permit issued in accordance with the Act's policies and regulations. Migration patterns would not be affected by the proposed project. Remove non-active migratory bird nests from structures where work would be performed from September 1 through the end of February. Prevent migratory birds from building nests from March 1 to August 31. In the event that migratory birds are encountered on-site during project construction, avoid adverse impacts on protected birds, active nests, eggs, and/or young.

**Item 533, "Shoulder Texturing"**

Perform shoulder texturing prior to placement of final edge line pavement markings.

**Item 540, "Metal Beam Guard Fence"**

Widen crown to accommodate guardrail and transitions as shown on the applicable Standard Sheets. Unless otherwise designated, crown widening will be included in payment for this item.

**Item 542, "Removing Metal Beam Guard Fence"**

Materials determined salvageable shall remain property of the Department. Deliver to the Department's maintenance section which has responsibility for the project area.

**County:** STERLING, ETC.

**Control:** 0069-04-042, ETC.

**Highway:** US 87

Existing steel guard fence posts to be removed may have concrete foundations.

**Item 544, “Guardrail End Treatments”**

Furnish and install object markers Type OB-3F on the front of the impact heads of single guardrail terminals as shown on Standard Sheet D&OM(VIA).

Widen crown to accommodate single guardrail terminals as shown on the applicable Standard Sheets. Unless otherwise designated, crown widening will be included in payment for this item.

**Item 658, “Delineator and Object Marker Assemblies”**

Place reflector units within metal beam guard fence units at 25-ft. spacing.

**Item 662, “Work Zone Pavement Markings”**

Do not use temporary flexible-reflective roadway marker tabs to delineate stop bars, crosswalks, symbols, or words.

**Item 666, “Retroreflectorized Pavement Markings”**

Place glass beads for pavement markings in accordance with the following table:

Marking Types	Glass Bead (Double Drop) Types	Glass Bead Rates	
		Surface Treatment	Asphalt Concrete Pavement, Microsurfacing, Concrete Pavement
TY I markings	Type II	12 LB per 100 SF	6 LB per 100 SF
	Type III	12 LB per 100 SF	6 LB per 100 SF

The striper speed shall not exceed 5 MPH during application. Convert to gravity-flow bead-ers (if not in use) to obtain optimum bead application, when directed.

Reference existing markings before performing work that disturbs the markings, so that the markings can be re-established.

Provide a double-drop of Type II and Type III glass beads.

For the purposes of this project, existing no-passing zone markings were not evaluated for adherence to current standards, but were re-established in their existing locations.

The use of portable retroreflectorimeter is allowed.

**County:** STERLING, ETC.

**Control:** 0069-04-042, ETC.

**Highway:** US 87

**Item 3004, “Diamond Grinding and Grooving Pavement”**

Perform full-width diamond grinding for payment at the beginning and ending points of paving, where abutting concrete bridge decks or approach slabs, where abutting ends of concrete pavement, and other locations as directed. Typical diamond grinding length shall be 100 ft. This work will not be required at those locations where Engineer determines that ride quality is acceptable.

Upon completion of the diamond grinding, apply two coats of asphalt sealer that meets the following specifications: Federal Specification RP-335e and ASTM Specifications D-5727 and D-3320.

CONTROL : 0069-04-042, ETC  
PROJECT : NH 2016(403)  
HIGHWAY : US 87  
COUNTY : STERLING, ETC

TEXAS DEPARTMENT OF TRANSPORTATION

**GOVERNING SPECIFICATIONS AND SPECIAL PROVISIONS**

ALL SPECIFICATIONS AND SPECIAL PROVISIONS APPLICABLE TO THIS PROJECT ARE IDENTIFIED AS FOLLOWS:

STANDARD SPECIFICATIONS: ADOPTED BY THE TEXAS DEPARTMENT OF  
----- TRANSPORTATION NOVEMBER 1, 2014.  
STANDARD SPECIFICATIONS ARE INCORPORATED  
INTO THE CONTRACT BY REFERENCE.

ITEMS 1 TO 9 INCL., GENERAL REQUIREMENTS AND COVENANTS  
ITEM 316 SEAL COAT (210) (300) (302) (340) (520)  
ITEM 344 SUPERPAVE MIXTURES (300) (301) (320) (520) (585)  
ITEM 351 FLEXIBLE PAVEMENT STRUCTURE REPAIR (132) (204) (247) (260)  
(263) (275) (276) (292) (310) (316) (330) (334) (340)  
ITEM 354 PLANING AND TEXTURING PAVEMENT  
ITEM 356 FABRIC UNDERSEAL (300) (316) (520)  
ITEM 432 RIPRAP (247) (420) (421) (431) (440)  
ITEM 438 CLEANING AND SEALING JOINTS  
ITEM 451 RETROFIT RAILING (421) (429) (440) (442) (445) (446) (450) (540)  
ITEM 500 MOBILIZATION (506)  
ITEM 502 BARRICADES, SIGNS, AND TRAFFIC HANDLING  
ITEM 504 FIELD OFFICE AND LABORATORY  
ITEM 506 TEMPORARY EROSION, SEDIMENTATION, AND ENVIRONMENTAL  
CONTROLS  
ITEM 512 PORTABLE CONCRETE TRAFFIC BARRIER (420) (421) (424) (440)  
(442)  
ITEM 530 INTERSECTIONS, DRIVEWAYS, AND TURNOUTS (247) (260) (263)  
(275) (276) (292) (316) (330) (334) (340) (360) (421) (440)  
ITEM 533 MILLED RUMBLE STRIPS  
ITEM 540 METAL BEAM GUARD FENCE (421) (441) (445) (529)  
ITEM 542 REMOVING METAL BEAM GUARD FENCE  
ITEM 544 GUARDRAIL END TREATMENTS  
ITEM 545 CRASH CUSHION ATTENUATORS (421)  
ITEM 658 DELINEATOR AND OBJECT MARKER ASSEMBLIES (445)  
ITEM 662 WORK ZONE PAVEMENT MARKINGS (666) (668) (672) (677)  
ITEM 666 RETROREFLECTORIZED PAVEMENT MARKINGS (316) (502) (662) (677)  
(678)  
ITEM 668 PREFABRICATED PAVEMENT MARKINGS (678)  
ITEM 672 RAISED PAVEMENT MARKERS

ITEM 730 ROADSIDE MOWING  
ITEM 734 LITTER REMOVAL  
ITEM 770 GUARD FENCE REPAIR (421) (429) (441) (448) (540) (542) (544)

SPECIAL PROVISIONS: SPECIAL PROVISIONS WILL GOVERN AND TAKE  
----- PRECEDENCE OVER THE SPECIFICATIONS ENUMERATED  
HEREON WHEREVER IN CONFLICT THEREWITH.

REQUIRED CONTRACT PROVISIONS, FEDERAL-AID CONSTRUCTION CONTRACTS  
(FORM FHWA 1273, MAY, 2012)

WAGE RATES

SPECIAL PROVISION "SCHEDULE OF LIQUIDATED DAMAGES" (000---001)  
SPECIAL PROVISION "NONDISCRIMINATION" (000---002)  
SPECIAL PROVISION "CERTIFICATION OF NONDISCRIMINATION IN EMPLOYMENT"  
(000---003)  
SPECIAL PROVISION "NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO  
ENSURE EQUAL EMPLOYMENT OPPORTUNITY" (000---004)  
SPECIAL PROVISION "STANDARD FEDERAL EQUAL EMPLOYMENT OPPORTUNITY  
CONSTRUCTION CONTRACT SPECIFICATIONS" (000---005)  
SPECIAL PROVISION "ON-THE-JOB TRAINING PROGRAM" (000---006)  
SPECIAL PROVISION "DISADVANTAGED BUSINESS ENTERPRISE IN FEDERAL AID  
CONTRACTS" (000---007)  
SPECIAL PROVISION "IMPORTANT NOTICE TO CONTRACTORS" (000---010)  
SPECIAL PROVISION TO ITEM 2 (002---004)  
SPECIAL PROVISION TO ITEM 6 (006---001)  
SPECIAL PROVISIONS TO ITEM 7 (007---001) (007---003)  
SPECIAL PROVISION TO ITEM 8 (008---003)  
SPECIAL PROVISION TO ITEM 300 (300---009)  
SPECIAL PROVISION TO ITEM 506 (506---002)

SPECIAL SPECIFICATIONS:  
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ITEM 3004 DIAMOND GRINDING AND GROOVING PAVEMENT  
ITEM 6001 PORTABLE CHANGEABLE MESSAGE SIGN

GENERAL: THE ABOVE-LISTED SPECIFICATION ITEMS ARE THOSE UNDER WHICH  
----- PAYMENT IS TO BE MADE. THESE, TOGETHER WITH SUCH OTHER  
PERTINENT ITEMS, IF ANY, AS MAY BE REFERRED TO IN THE ABOVE-  
LISTED SPECIFICATION ITEMS, AND INCLUDING THE SPECIAL  
PROVISIONS LISTED ABOVE, CONSTITUTE THE COMPLETE SPECIFI-  
CATIONS FOR THIS PROJECT.

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## Special Provision to Item 8 Prosecution and Progress

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Item 8, "Prosecution and Progress" of the Standard Specifications is amended with respect to the clauses cited below. No other clauses or requirements of this Item are waived or changed.

**Article 8.1., "Prosecution of Work."** The first sentence of the first paragraph is voided and replaced by the following:

Begin work 90 calendar days after the authorization date to begin work. Do not begin work before or after this period unless authorized in writing by the Engineer.