

SUBJECT: PLANS AND PROPOSAL ADDENDUMS

PROJECT: F 2023(186)

CONTROL: 0065-01-062

COUNTY: JASPER

LETTING: 11/03/2022

REFERENCE NO: 1019

**PROPOSAL ADDENDUMS**

- 
- PROPOSAL COVER
  - BID INSERTS (SH. NO.:
  - GENERAL NOTES (SH. NO.: ALL
  
  - SPEC LIST (SH. NO.: ALL
  - SPECIAL PROVISIONS:  
ADDED: 006---030
  
  - DELETED: 006---001
  
  - SPECIAL SPECIFICATIONS:  
ADDED:
  
  - DELETED:
  
  - OTHER: PLAN SHEETS & OTHER CHANGES

DESCRIPTION OF ABOVE CHANGES  
(INCLUDING PLANS SHEET CHANGES)

\*\*\*\*\* SPEC LIST \*\*\*\*\*

ADDED SP 006-030.  
REMOVED SP 006-001.  
ALL SHEETS REPLACED DUE TO THE ABOVE CHANGES AND LINE SHIFTS.

\*\*\*\*\* GENERAL NOTES \*\*\*\*\*

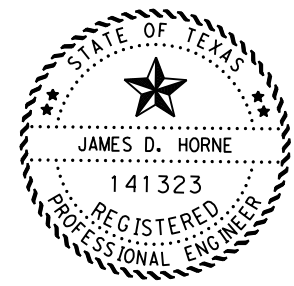
ITEM 6 - ADDED REQUIRED INFORMATION FOR BUY AMERICA REQUIREMENTS.  
ALL SHEETS REPLACED DUE TO THE ABOVE CHANGES AND LINE SHIFTS.

\*\*\*\*\* PLAN SHEETS \*\*\*\*\*


SHEET 2 (INDEX OF SHEETS): ADDED SHEET 6A  
SHEETS 4-6: SHEETS REPLACED DUE TO THE ABOVE CHANGES.  
SHEET 6A: ADDED DUE TO THE ABOVE CHANGES

# INDEX OF SHEETS

SHEET NO.	DESCRIPTION
<b>GENERAL</b>	
1	TITLE SHEET
2	INDEX OF SHEETS
3	TYPICAL SECTIONS
4-6A	GENERAL NOTES
7	ESTIMATE & QUANTITY SHEET
8	QUANTITY SUMMARIES
<b>TRAFFIC CONTROL PLAN STANDARDS</b>	
9	SEQUENCE OF WORK
** 10-21	BC (1)-21 THRU BC (12)-21
** 22	TCP (2-4)-18
** 23	TCP (3-1)-13
** 24	TCP (3-3)-14
** 25	TCP (3-4)-13
** 26	WZ (UL)-13
** 27	WZ (RS)-22
<b>ROADWAY DETAILS &amp; STANDARDS</b>	
28-30	ROADWAY LAYOUTS
31	DOWEL BAR RETROFIT DETAILS
32	SLOT-STITCHING DETAILS
33	TYPICAL SLOT-STITCHING LAYOUT
** 34	JS-14
** 35-36	REPCP-14
37	TYPICAL CRACK AND SPALL REPAIR DETAIL
38	MISC. CONCRETE PAVEMENT REPAIR DETAILS
<b>PAVEMENT MARKINGS &amp; DELINEATION STANDARDS</b>	
39	PM (1)-20 (MOD)
** 40	PM (2)-20
** 41	PM (3)-20
** 42	CPM (1) -14
<b>ENVIRONMENTAL ISSUES STANDARDS</b>	
43	SW3P-I
44	EPIC




THE STANDARD SHEETS SPECIFICALLY IDENTIFIED WITH A "\*\*\*" HAVE BEEN ISSUED BY ME AND ARE APPLICABLE TO THIS PROJECT.


 \_\_\_\_\_ 08/23/2022  
 NAME DATE

## INDEX OF SHEETS



FHWA TEXAS DIVISION		SHEET NO. 2	
STATE	DISTRICT	COUNTY	
TEXAS	BMT	JASPER	
CONTROL	SECTION	JOB	HIGHWAY NO.
0065	01	062	US 96

 ADDENDUM #1, 10/19/22, REVISED SHEET

**GENERAL NOTES:**

Contractor questions on this project are to be emailed to the following individuals:

Bryce Broussard, PE ([Bryce.Broussard@txdot.gov](mailto:Bryce.Broussard@txdot.gov))

Jim Grissom, PE ([Jim.Grissom@txdot.gov](mailto:Jim.Grissom@txdot.gov))

Contractor questions will be accepted through email, phone and in person by the above individuals.

All Contractor questions will be reviewed by the Area Engineer or Assistant Area Engineer. Once a response is developed, it will be posted to TxDOT's Public FTP at the following address:

<https://ftp.dot.state.tx.us/pub/txdot-info/Pre-Letting%20Responses/>

All questions submitted that generate a response will be posted through this site. The site is organized by District, Project Type (Construction or Maintenance), Letting Date, CCSJ/Project Name.

**NOTICE**

The following standard detail sheets have been modified: PM (1)-20

**Item 4 Scope of Work**

It is the Contractors responsibility to mark the location of all existing striping and place proposed striping back in the same location or as shown in the plans.

**Item 5 Control of Work**

Station the project before commencing work. Mark the stations every 100 feet. Maintain stationing throughout the duration of the project. Remove the station markings at the completion of the project. Consider this work to be subsidiary to the various bid items of the contract.

Station limits may be adjusted as directed by the Engineer to meet varying field conditions.

**Item 6 Control of Materials**

Flammable/combustible materials must be stored at a designated location as approved.

Do not store flammable/combustible materials under or adjacent to Bridge class structures. Daily removal of these materials will be considered incidental work.

Do not mix, store, or repair materials or equipment on top of bridge decks or bridge class structures unless specifically authorized.

**Item 7 Legal Relations and Responsibilities**

Furnish all materials, labor and incidentals required to provide for traffic across the highway and for temporary ingress and egress to private property in accordance with article 7.2.4 of the standard specifications at no additional cost to the state. Always maintain ingress and egress to the adjacent property. Consider this work to be subsidiary to the various bid items of the contract.

The Contractor will be completely responsible for the immediate removal of any material that gets upon any vehicle because of their operation.

State contract mowers will mow the right of way during the growing season. The Contractor will be notified by the Engineer one week in advance of the anticipated time when mowers will be in the limits of the project. Clean the right of way to such a condition that allows the mowing contractors to safely mow.

No significant traffic generator events have been identified in the project limits.

To comply with the latest provisions of Build America, Buy America Act (BABA Act) of the Bipartisan Infrastructure Law, the contractor must submit a notarized original of the TxDOT Construction Material Buy America Certification Form for all items classified as construction materials. This form is not required for materials classified as a manufactured product.

Refer to the Buy America Material Classification Sheet for clarification on material categorization. The Buy America Material Classification Sheet is located at the below link.

<https://www.txdot.gov/business/resources/materials/buy-america-material-classification-sheet.html> for clarification on material categorization.

**Item 8 Prosecution and Progress**

Compute and charge working days in accordance with Section 8.3.1.4 "Standard Workweek"

Adjoining projects may be in progress during the construction of a portion of this project. Plan and prosecute the sequence of construction and the traffic control plan with adjacent construction projects, if applicable. Manage construction of all phases to minimize disruption to traffic.

Maintain one lane open to traffic during construction, unless otherwise approved.

Schedule work so that all travel lanes are open during non-working hours, nights, and weekends, unless otherwise approved.

Submit monthly progress schedules in accordance with Section 8.5.5.2.3., "Progress Schedule." Failure to supply updated project schedule may result in the Engineer withholding progress (monthly) payments.

No drop offs will be left overnight.

Work will not be permitted when impending bad weather or low temperatures may impair the quality of work.

Working days will be charged during the observed curing times, even if no other work is being performed.

**Hurricane**

In the event of the declaration of a hurricane watch, warning, other severe weather warning or national or state emergency that requires the roadways in the vicinity be used as evacuation routes, cease all work that requires the Contractor's, sub-contractors' or material suppliers' vehicles to enter the stream of traffic on these primary or secondary evacuation routes. This work includes material hauling and delivery, and mobilization or demobilization of equipment.

This project is on a hurricane evacuation route. Furnish at the pre-construction meeting a written plan outlining procedures to suspend work, secure the jobsite and safely handle traffic through and across the project in the event of a hurricane evacuation.



Highway: US 96

County: Jasper

In addition to lane closures, cease work 3 days before hurricane landfall on or near the roadway that adversely impacts the flow of traffic and reduces the capacity of the highway during an evacuation. Prohibit the Contractor's, sub-Contractors' or material suppliers' vehicles from entering or exiting the stream of traffic including material hauling and delivery, and mobilization or demobilization of equipment. When directed, this prohibition will include a reasonable time period for the evacuees to return to their point of origin.

In the event of the declaration of a hurricane watch, warning, other severe weather warning or national or state emergency that requires the roadways in the vicinity be used as evacuation routes, cease all work that requires the Contractor's, sub-Contractors' or material suppliers' vehicles to enter the stream of traffic on these primary or secondary evacuation routes. This work includes material hauling and delivery, and mobilization or demobilization of equipment.

### Item 361 Repair of Concrete Pavement

Repair portions of the concrete pavement surfaces that are damaged while in a plastic state before that area receives permanent pavement markings and opens to traffic. Perform repairs that are structurally equivalent to and cosmetically uniform with the adjacent undamaged areas. Do not repair by grouting onto the surface.

Provide Class HES concrete. Design Class HES to meet the requirements of Class P and a minimum average compressive strength of 1800 psi in 4 hours. The coarse aggregate will be either Grade 2 or 3.

The size, location and number of patches are approximate and subject to change as directed. Any additional sawing required as a result of the changes will not be paid for directly but will be considered subsidiary to this Item.

Complete repairs so that longitudinal joints fall on edge of travel lane or center of travel lane. No joints will be allowed in the wheel paths.

Where repairs in jointed pavement require the removal of a transverse joint, construct a new joint at the same location.

Saw-cutting will not be paid for directly but will be considered subsidiary to this Item. Schedule work so that concrete placement follows full-depth saw-cutting by no more than 72 hours. Saw-cutting of existing concrete pavement across existing cracks will not be allowed unless otherwise approved.

All material generated, including concrete slurry, because of saw cutting will be collected and kept from entering waterways, culverts, roadway inlets, and ditches.

Work will be conducted in such a manner so that all materials will be collected before the end of each day and especially before any rainfall event. Material from saw cutting will not be allowed to be tracked by traffic to other areas. Adequate sweeping, vacuuming, and hauling equipment will be maintained on the project to conduct material collection and recovery on a continuous basis. Curb inlets will be blocked and protected during grinding and sweeping operations, but fully opened before a rainfall event. Disposal of the material produced by the sawing operation will be to a solid waste facility authorized to handle such material. The Contractor will, before beginning operations, provide a plan outlining the method of collection and disposal of this material for approval. The plan will also include the name and location of the facility receiving the solid waste. All work, equipment, materials, and fees necessary to collect and dispose of this material will be considered subsidiary to this item and not paid for directly.

Highway: US 96

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Provide a concrete finish consisting of a carpet drag and transverse tine as per the 2014 Standard Specification book Item 360 on patches which are not to be overlaid or seal coated, unless otherwise directed. Provide a standard broom finish on all other pavements. Place the final riding surface on the patch before opening the patch to traffic.

Saw and seal completed patches around the perimeter of the patch (Method B). Fill all joints with Class 3 hot poured rubber and backer rod. This work will not be paid for directly but will be considered subsidiary to this Item.

Placement of removed slabs onto concrete pavement which is to remain in place will not be allowed. All removed portions of concrete will be removed from the project the same day as removed from the roadway. Breaking removed portions of concrete on the top of the existing pavement will not be allowed.

Provide a vibratory screed at least two feet longer than the width of the pavement to be used in finishing all repaired areas ten feet or longer in length.

### Maturity Testing

Maturity testing, Tex-426-A, will be allowed for concrete pavement. Unless otherwise approved, use the maturity method in accordance with test method Tex-426-A to estimate concrete strength. The Maturity system will not be paid for directly but is considered subsidiary to this item.

Provide to the Engineer, the Intellirock or Command Center maturity system (or approved equivalent) for testing concrete maturity. This system will include the logger/sensor, handheld reader, and software. The Intellirock system can be obtained from Nomadics Construction Labs (405-372-9535) and the Command Center system can be obtained from the Transtec Group (512-451-6233). Provide two sensors per mix design and one sensor to be placed in the last concrete pour per location site per day. Up to ten additional sensors may be required and placed as directed. Furnish the concrete necessary to establish the maturity curve for testing. This work is to be performed before any concrete being placed and will not be paid for directly but will be considered subsidiary to the Item.

### Item 438 Cleaning and Sealing Joints

Provide CL 3 "Hot Poured Rubber", in accordance with DMS-6310

Remove existing joint seal material by saw cutting unless otherwise approved.

Sand blast vertical joint faces after existing material has been removed.

Water blast joints after sand blasting to ensure removal of all fines and dust. Follow this by air blasting to dry prior to placing hot poured rubber.

Saw cutting, sand, water, and air blasting to be considered subsidiary to Item 438.

Clean and Seal entire length of all joints in concrete pavement.

Dispose of all removed materials daily.



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

Construct all work zone signs, sign supports, and barricades from material other than wood unless approved otherwise. Metal posts, if used, are to be galvanized. Aluminum signs, if used, will meet the following minimum thickness requirements:

<u>Square Feet</u>	<u>Minimum Thickness</u>
Less than 7.5	0.080 inches
7.5 to 15	0.100 inches
Greater than 15	0.125 inches

The Contractor Force Account "Safety Contingency" that has been established for this project is intended to be used 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.

Restrict work to one side of the roadway at a time.

The following roadways have been determined to be high volume for the purpose identified in Note 4 of the "Typical Location of Crossroad Signs" on the BC (2) standard sheet:

Bulldog Ave./Shady Ln

The following roadways have been determined to be low volume for the purpose identified in Note 4 of the "Typical Location of Crossroad Signs" on the BC (2) standard sheet:

All other roadways

Use drums or 42" cones as channelizing devices.

Provide all flaggers and pilot vehicle drivers with two-way radio communication capability.

Provide flaggers at each side road intersection.

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

It is not anticipated that any erosion, sedimentation, or environmental control devices will be needed on the project. The Contractor Force Account "SW3P Contingency" that has been established for this project is intended to be used in the event that such controls become necessary. The SW3P for this project will consist of the use of any temporary erosion control measures deemed necessary and as specified under this Item. This work will be paid for in accordance with Article 4.4., "Changes in Work".

If specified, the Contractor will implement storm water pollution prevention plan measures using the Items listed below as specified in Item 506 and as directed:

Erosion Control Logs

**Item 585 Ride Quality for Pavement Surfaces**

Use Surface Test Type B, Pay Adjustment Schedule 3 to evaluate ride quality of travel lanes in accordance with Item 585, "Ride Quality for Pavement Surfaces".

**Item 666 Reflectorized Pavement Markings**

Furnish Type II drop-on glass beads.

**Item 720 Repair of Spalling and Concrete Pavement**

Locations and dimensions for the repairs are approximate. Actual locations and dimensions will be determined in the field. Repair material has been included in the estimate to be used as directed in areas encountered that exhibit small spalls or corner breaks.

Provide rapid-set concrete that meets DMS-4655, for patches with a volume of 0.30 cubic feet or more and 3 inches minimum in the least dimension. Otherwise, provide polymeric patching material that meets DMS-6170, Type II, semi-rigid material.

**Item 3004 Continuous Diamond Grinding of Concrete Pavement**

Before beginning diamond grinding operations on concrete, submit for approval a plan outlining the method of collection and disposal or recycling for waste materials produced by diamond grinding operations. This plan must also include the name and location of the facility receiving the solid waste. Diamond grinding must be conducted in such a manner so that all materials will be collected before the end of each day and especially before any rainfall event. Material from grinding will not be allowed to be tracked by traffic to other areas. Adequate sweeping, vacuuming, and hauling equipment must be maintained on the project to conduct material collection and recovery on a continuous basis. Disposal of the material produced by the grinding operation will be to a solid waste facility authorized to handle such material.

All material generated, including concrete slurry, as a result of roadway diamond grinding will be collected and kept from entering waterways, culverts, roadway inlets, and ditches. All work, equipment, materials, and fees necessary to collect and dispose of this material will be considered subsidiary to this item and not paid for directly.

Material produced by the grinding operation may be recycled in accordance with all applicable rules and regulations as required. The Contractor will submit a plan for recycling to the Engineer for approval before any grinding being performed.

Multiple passes may be required. Consider Diamond Grinding accepted when the average IRI of each lane is 95 or less. Multiple passes to achieve the outcome will not result in additional payment.

**Item 3056 Slot-Stitching Longitudinal Joints in Concrete Pavement**

Prior to sawing for tie-bar placement, clean and fill longitudinal joint with class HES concrete or substitute as approved by the engineer. This work will be paid for under Item 713.

Tie-bar placement must be at least 18" from any transverse joint.

**Item 3086 Soil Densification and Raising Concrete Slabs with High-Density Polyurethane Foam (HDPF)**

Ensure that the High-Density Polyurethane does not enter the existing storm sewer or cause movement of the existing storm sewer.

**Control:** 0065-01-62

**Sheet:** 6A

**Highway:** US 96

**County:** Jasper

**Item 6185 Truck Mounter Attenuator (TMA)**

Shadow vehicles with TMA and high intensity rotating, flashing, oscillating or stroke lights are required. Use one TMA preceding every stationary work zone and two TMAs for mobile operations.

No additional shadow vehicles with TMA are being specified as required for traffic control on this project beyond those shown on the standard TCP sheets.

Therefore, 3 total shadow vehicles with TMA will be required for this type of work. The contractor will be responsible for determining if one or more of these operations will be ongoing at the same time to determine the total number of TMA's needed for the project.

