

# NOTIFICATION OF ADDENDUM

## ADDENDUM NO. 1

**DATED 7/01/2015**

<b>Control</b>	<b>0924-06-311</b>
<b>Project</b>	<b>CBI 2012(231)</b>
<b>Highway</b>	<b>CS</b>
<b>County</b>	<b>EL PASO</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: CBI 2012(231)

CONTROL: 0924-06-311

COUNTY: EL PASO

LETTING: 07/08/2015

REFERENCE NO: 0630

**PROPOSAL ADDENDUMS**

- 
- PROPOSAL COVER
  - BID INSERTS (SH. NO.: )
  - GENERAL NOTES (SH. NO.: C, D, E, F, G )
  
  - SPEC LIST (SH. NO.: )
  - SPECIAL PROVISIONS: )
  - ADDED:
  
  - DELETED:
  
  - SPECIAL SPECIFICATIONS:
  - ADDED:
  
  - DELETED:
  
  - OTHER: PLAN SHEET AND OTHER CHANGES

DESCRIPTION OF ABOVE CHANGES  
(INCLUDING PLANS SHEET CHANGES)

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

SHEET C: ITEM 425 ADDED NOTE.

SHEETS D THRU F: PARAGRAPHS SHIFTED DUE TO ADDITION OF NEW NOTES.

SHEET G: ADDED DUE TO ADDITION OF NEW NOTES.

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

SHEET 2: ADDED SHEET 9C.

SHEETS 9A THRU 9C: REFER TO GENERAL NOTES CHANGES AS NOTED ABOVE; ADDED SHEET 9C DUE TO ADDITION OF NEW NOTES.

**PROJECT: CBI 2012(231)**

**SHEET**

**COUNTY: EL PASO**

**CONTROL: 0924-06-311**

**HIGHWAY: FM 3380**

**GENERAL NOTES:**

Scope of contract and sequence of work:

Horizontal, vertical alignment data and design roadway cross section data are available in print or electronic format upon request also.

Plan elevation datum is based on USGS datum and benchmarks have been set.

Maintain the entire project area in a neat, orderly manner throughout duration of the project.

Protect all areas of right-of-way from damage, which are not included in the actual limits of the proposed construction.

Exercise care to prevent damage to trees, vegetation, and other natural features not within the limits of prep right of way.

The following Standard Detail Sheet has been modified: IBND (MOD).

**Item 7 - Legal Relations and Responsibilities to the Public**

Underground and overhead utilities exist. The general location of the utilities is shown on the plans. Prior to any excavation or removal operations the contractor will call the 1-800-calldig number for an underground utility location to determine the exact location of underground utilities.

OSHA regulations prohibit operations that will bring persons or equipment within 10 feet of an energized electrical line. Where workers and/or equipment may be close to an energized electrical line, the contractor shall notify the electrical power company and make all necessary adjustments to ensure the safety of workers near the energized line.

**Item 8 - Prosecution and Progress**

Submit a proposed sequence of construction for approval upon issuance of a work order. No changes will be permitted in the approved sequence, except, as approved in writing.

**Item 100 - Preparing Right of Way**

Refer to specification for items covered under this specification. Clear vegetation prior to grading operations at approved locations. In areas of excavation and embankment, place topsoil and vegetation in windrows along the edge of the grading operation as directed. After grading operations, spread topsoil and vegetation uniformly on all slopes and ditches. This work will be subsidiary to the various bid items.

Fence removal inside right of way is part of this item.

**Item 132 – Embankment**

Scarify and compact existing roadway before additional embankment or base course is placed. This work will be subsidiary to various bid items.

Fill and grade to drain low areas outside the embankment when directed. This work will be subsidiary to various bid items.

"Track" the side slopes of the embankment using a tracked vehicle to control erosion. This work will be subsidiary to various bid items.

**Item 132 - Embankment Soil Materials**

As indicated by the project plan details and specifications the item 132 - embankment soil material should meet the requirements of a Type C soil material. Approved Type C - embankment soil materials shall be granular crushed stone sandy gravel materials or gravelly clayey sands free of clay lumps, deleterious materials, organic material, cobbles or boulders over 3 inches in nominal size. Type C materials should have a liquid limit no greater than 40, plasticity index between 6 to 15, exhibit an optimum dry density of at least 125 pounds per cubic foot (PCF) and meet the requirements of a triaxial class 4 or better per TXDOT test method Tex-117-E. Type C embankment soils shall be classified as A-2-4, A-2-5, A-2-6 and A-2-7 materials in accordance with AASTHO M-145 or be classified as SC, SC-SM, GC, GM and GC-GM in accordance with the unified soil classification system (USCS). Type C soil materials shall also meet the sieve analysis requirements tabulated below (Table 1).

All material used for this item shall meet or exceed triaxial class 4 when tested in accordance with Texas test method TEX - 117 - E, "Triaxial Compression Tests for Disturbed Soils and Base Materials; Part -1". The maximum P.I. for materials shall be 15.

All material sources for item 132, shall be located at a location approved, in writing. Upon abandonment of the material source sites, the contractor shall dispose of all overburden, unused materials, etc., as directed. This work shall not be paid for directly, but shall be considered subsidiary to the various bid items.

**TABLE 1  
SELECT FILL MATERIAL GRADATION REQUIREMENTS**

<b>SIEVE SIZE (SQUARE OPENING)</b>	<b>PERCENTAGE PASSING BY WEIGHT</b>
3 - INCH	100
1-3/4 - INCH	90 - 100
3/4 - INCH	70 - 100
No. 4	35 - 45
No. 200	13 - 45

Soils classified as SP, SP-SM, CH, CL, MH, ML, OH, OL and PT in accordance with the USCS shall not be considered approved Type C embankment soil materials.

**Item 204-Sprinkling (Dust Control)**

This item will be used to prevent wind erosion of exposed soil as required, or as directed.

The contractor is responsible to control blowing dust during earthwork activities subsidiary to item 132.

Item 204 shall only be utilized under exceptional cases not covered under the pertinent earthwork items as directed for dust control. Payment for this item shall be considered subsidiary to item 132.

**Item 420- Concrete Structures**

Downstream riprap work to be paid under this item.

**△ Item 425- Precast Prestressed Concrete Structural Members**

For bridges with Type IV prestressed concrete beams, the contractor can submit an alternate design for approval using other TxDOT prestressed concrete girder shapes. Alternate designs must be signed, sealed, and dated by a Licensed Professional Engineer and submitted to the Engineer for review and approval. Use the same live load as the original design and adhere to the current versions of the AASHTO LRFD Bridge Design Specifications and the TxDOT LRFD Bridge Design Manual. Alternate bridge designs can differ from the original design only by type of girder used. Do not raise the roadway grade or lower the structure bottom chord elevation to accommodate the alternate girders. No other changes to the original geometry, including bent locations, are allowed. Substructure re-design may be necessary to accommodate the alternate girders.

No additional compensation will be made for alternate designs or for any increase in quantities required to accommodate alternate designs, including quantities paid for under other Items.

**Item 432 – Riprap**

Locations and quantities may be varied as directed by the engineer to accommodate field conditions. Provide type II cement and class "B" concrete. Only bar reinforcement shall be used.

DMS-6310 joint sealants and fillers, all concrete joints shall be sealed with a poured joint sealer (class 4). Class 4 poured joint sealer shall be provided under this item at concrete riprap construction joints.

Geotextile fabric shall be an engineer approved heavy non-woven fabric and shall be considered subsidiary to the bid item for riprap. Geotextile fabric to conform to DMS-6200.

**Item 462 - Concrete Box Culverts**

All concrete box culverts shall be Cast-in-Place.

**Item 464 - Reinforced Concrete Pipe**

Jointing materials for reinforced concrete pipe shall be rubber gaskets conforming to ASTM C361 or C443.

Proposed reinforced concrete pipe shall be Class IV circular pipe, unless otherwise shown in the plans.

Contractor to provide a 2000psi, Class B, 6 inches concrete saddle on top of reinforced concrete pipe, along length of the pipe. Concrete saddle shall meet Item 421 requirements. Payment shall be subsidiary to Item 464.

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

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.

The project superintendent and the contractor's person responsible for traffic control plan compliance shall be available by local telephone 24 hours a day. Once a month, the designated responsible person for TCP compliance must accompany owner's designated representative on at least one day-time inspection and one night-time inspection of the traffic control devices on the project. Any change to the sequence of work or traffic control plan with approval, assumes the responsibility for any additional barricade signs and devices.

All special signs including M4-9N signs, and all detour signing, on the traffic control plan will be subsidiary to this item or as directed. Sheeting used for all signs, barricades, channelizing devices and construction warning signs must conform to departmental material specification 8300.

Place and maintain sufficient additional warning signs, beacons, delineators and barricades to warn and guide the public of all hazards through the construction zone at all times, and as directed. Some signs, barricades and channelization devices may not be shown at the precise or measured position. Place the barricades, devices, and/or signs, with approval, in positions to meet field conditions. Provide one high-intensity, yellow, rotating dome light on equipment such as distributors, spreader boxes, lay-down machines, rollers, backhoes, road graders, loaders, etc. Mount lights high enough to be visible from all directions and in use when the equipment is within 30 feet of the travel way. Provide emergency flashers on all other equipment such as trucks, trailers, autos, etc., and use in the work site.

Any existing regulatory signs, route marker auxiliaries, guide signs and warning signs that must be removed due to the work shall be relocated temporarily and erected on approved supports at locations shown in the plans or as directed. This work shall not be paid for directly, but shall be considered subsidiary to this item.

Any unexpected lane closures or any other lane closures not shown in the plans but deemed necessary to conduct work shall be done using the TCP standards included in the plans, and shall not be paid for directly but shall be considered subsidiary to Item 502.

Provide flagmen properly attired in a white hard hat, approved safety vest and stop/slow paddle. Provide two-way radios in areas where flagmen do not have visual contact with one another or cannot communicate with one another.

Erect signs in locations not obstructing the traveling public's view of the normal roadway signing or necessary sight distance at intersections and curves.

**Item 504- Field Office and Laboratory**

Provide a Type "B" structure, field office and laboratory. Locate site as approved. The contractor shall construct a 6- foot chain link barrier fence around the field office and laboratory at a site determined by the engineer. This enclosure is to be approximately 100 foot square and have one 12- foot vehicular gate. It will be for the exclusive use of the Department and vehicular parking/storage. A security light will be required. Upon completion of the project, the fence shall be removed and become the property of the contractor. Work and materials required for this item will not be paid for directly, but shall be considered subsidiary to the various bid items.

The Type "B" structure shall be air-conditioned and be furnished with a minimum of one desk, three chairs, one file cabinet. The cabinet shall be a minimum of 3 feet wide by 2 feet deep by 3 feet high and shall have provisions for locking securely. The structure shall be provided with a 240-volt electrical entrance service utilizing a minimum of 3 - no. 4 wires. The service shall consist of a minimum of four 120-volt circuits with 20-amp breakers and no more than two grounded convenience outlets per circuit and provisions for a minimum of two 220-volt ovens with vents to the outside. The structure shall have a minimum of 2 convenience outlets per wall, a utility sink with an adequate clean potable water supply for testing and a telephone. Space heaters for heating the structure are unacceptable. Portable structures shall be support-blocked for stability and shall be tied down.

**Item 1122- Temporary Erosion, Sedimentation, and Environmental Controls**

The SW3P shall consist of using Item 506, and any additional erosion or water pollution control measure deemed necessary by the engineer. Any such additional erosion or water pollution control measure shall be implemented by the contractor as prescribed by this item and in accordance with the appropriate specification. Payment for erosion control measures for which applicable pay items are not included in the contract shall be made in accordance with Article 5, "Measurement and Payment". Sedimentation fences shall be placed as shown on the plans or as directed. The contractor shall be responsible for their maintenance and proper placement to prevent storm water pollution to the waters of the United States, as directed, and shall be considered subsidiary to these items. Sedimentation fences shall be paid for at the time of their initial placement. Any required replacement shall not be a substitute for proper maintenance and shall be allowed only as directed.

Silt fences shall be placed at all inlets and culverts as shown on the plans, or as directed. The quantities shown on the plans represent linear feet of fence per inlet and linear feet of fence per culvert structure and may be adjusted to match field conditions, as directed.

The contractor shall keep all inlets within the project limits functional as long as possible in order to accept storm water as part of the SW3P, as directed. All silt fence shall be paid for at the time of their initial placement. Any required replacement shall not be a substitute for proper maintenance and shall be allowed only as directed. All sediment deposit removal and stabilization required for the various SW3P items shall not be paid for directly, but shall be considered subsidiary to the various SW3P bid items.

All quantities are approximate and may be adjusted in the field as conditions dictate, as directed. The contractor shall be responsible for the adequate and proper placement of all SW3P measures, their required maintenance and any other incidental work required as part of this storm water pollution prevention plan. All such work shall be accomplished to ensure the prevention of storm water pollution to the waters of the United States as provided for in the plans, or as directed, and shall be considered subsidiary to the various bid items.

The sedimentation fences shall be paid for at the time of their initial placement, provided for in the plans. All quantities are approximate and may be adjusted in the field as conditions dictate as directed. The project limits exceeds 5 acres. Provide a copy of the contractor NOI for PSLs on the row to the engineer (to the appropriate MS4 operator when on an off-state system route). Rock filter dams shall be constructed as described on standard sheets EC(2)-93 serving as both, an energy dissipater and as a filtration device for storm water pollution prevention. All such Work shall be as directed by the engineer and shall be paid-for under this item. Rock filter dams will not be replaced, but will be maintained for the duration of the project subsidiary to this item. Use rock filter dams in locations shown in the plans or as directed. Limit grading operations to the catch point of the proposed cross section and preserve any vegetation beyond this limit.

**Item 540 — Metal Beam Guard Fence**

Use timber post for installation in accordance with GF-14 standard sheet. Prior to installation of M.B.G.F., stake the proposed location for approval.

**Item 636-Aluminum Signs**

Salvage and deliver all aluminum sign faces to the local TXDOT maintenance office.

**Item 644-Small Roadside Sign Supports and Assemblies**

Salvage and deliver all aluminum sign faces to the local TXDOT maintenance office.

**Item 666-Reflectorized Pavement Markings**

The proposed permanent striping shall be placed at a time, as directed. All glass beads and pavement markings shall be purchased on the open market. All final striping shall be governed under this item unless otherwise shown on the plans.

**PROJECT: CBI 2012(231)**

**SHEET**

**COUNTY: EL PASO**

**CONTROL: 0924-06-311**

**HIGHWAY: FM 3380**

The contractor shall be responsible for all striping to be in satisfactory condition as determined by the engineer prior to the final acceptance of the project. Any second striping operation required as directed shall be measured and paid for under this item.

The contractor shall use a pilot line for final striping and shall remove pilot line after all final striping is complete, in accordance with the methods specified in Item 677 and shall be subsidiary to Item 666.

**Item 672 - Raised Pavement Markers**

Bituminous adhesive shall be used for this item.

Plowable reflectorized pavement markers shall be used as manufactured by Hallen Products Limited, 3M Company, Rayolite or approved equal.

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