

# NOTIFICATION OF ADDENDUM

## ADDENDUM NO. 1

**DATED 7/03/2012**

<b>Control</b>	<b>0047-06-148, ETC.</b>
<b>Project</b>	<b>NH 2012(634), ETC.</b>
<b>Highway</b>	<b>US 75, ETC.</b>
<b>County</b>	<b>COLLIN, 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 2012(634)

CONTROL: 0047-06-148

COUNTY: COLLIN

LETTING: 07/11/2012

REFERENCE NO: 0703

**PROPOSAL ADDENDUMS**

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- PROPOSAL COVER
- BID INSERTS (SH. NO.:
- GENERAL NOTES (SH. NO.: D, E, F, G, H, I
- SPEC LIST (SH. NO.:
- SPECIAL PROVISIONS:
- ADDED:

DELETED:

- SPECIAL SPECIFICATIONS:
- ADDED:

DELETED:

- OTHER: PLAN SHEETS 2, 3A, 3B, 3C, 3D

DESCRIPTION OF ABOVE CHANGES  
(INCLUDING PLANS SHEET CHANGES)

PROPOSAL - GENERAL NOTES: NEW PARAGRAPHS ADDED TO ITEM 502 ON SHEETS D, E AND F. REMAINING PARAGRAPHS WERE SHIFTED, CREATING SHEETS G, H , AND I.

PLANS - SHEET 2: REVISED SHEETS NO. FOR GENERAL NOTES TO 3, 3A - 3D.

PLANS - SHEET 3A, 3B, 3C, 3D: NEW PARAGRAPHS ADDED TO ITEM 502 ON SHEETS 3A AND 3B. SHEETS 3C AND 3D ADDED DUE TO THE NEW PARAGRAPHS ON SHEETS 3A AND 3B.

## **SW3P RESPONSIBILITIES**

### **TxDOT Area of Responsibility**

Responsible for the area defined by the limits of the subject project, except for those areas utilized and operated by the contractor. These areas include, though are not limited to, areas used for field offices, equipment and/or material storage, and concrete or asphalt plants.

### **TxDOT Operational Responsibility**

Responsible for seeking coverage under the TPDES Construction General Permit (CGP) and operating the project within the requirements of the CGP for discharging storm water from the subject project and to notify MS4 permit holders of the intent to discharge storm water.

File a Notice of Termination with TCEQ upon completion of the project when the exposed areas have been stabilized with a vegetative cover of at least 70%.

### **Contractor Area of Responsibility**

Responsible for all areas under their direct operational control which includes, though not limited to, areas used for field offices, equipment and/or material storage, and concrete or asphalt plants. These areas may be located on or off the subject project's R.O.W.

### **Contractor Operational Responsibility**

Responsible for seeking coverage under the TPDES Construction General Permit (CGP) and adhering to all requirements of the permit for discharging storm water from the areas under their operational control. Perform regular inspections, prepare a written report of deficiencies, and repair deficiencies within the time frame set forth by the permit. File a Notice of Termination with TCEQ upon completion of the project when the exposed areas have been stabilized with a vegetative cover of at least 70%.

Responsible under contractual obligations to TxDOT to install, clean, repair, replace or remove sediment and erosion control devices as indicated on TxDOT's Inspection Reports, or as required by daily construction practices, within the time frame set forth by the permit.

## **GENERAL**

Access will be provided to all business and residences at all times. Materials, labor and maintenance for these temporary accesses will not be paid for directly but will be considered subsidiary to the various bid items.

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The construction, operation and maintenance of the proposed project will be consistent with the state implementation plan as prepared by the Texas Commission on Environmental Quality.

The disturbed area for this project, as shown on the plans is .025 acres. However, **the Total Disturbed Area** (TDA) will establish the required authorization for storm water discharges. The TDA of this project will be determined by the sum of the disturbed area in all project locations in the contract, and all disturbed area on all Project-Specific Locations (PSL) located in the project limits and/or within 1 mile of the project limits. The department will obtain an authorization to discharge storm water from the Texas Commission on Environmental Quality (TCEQ) for the construction site as shown on the plans, according to the TDA of the project. The contractor will obtain any required authorization from the TCEQ for the discharge of storm water from any PSL for construction support activities on or off of the project row according to the TDA of the project. When the TDA for the project exceeds 1 acre, provide a copy of the appropriate application of permit (NOI, or Construction Site Notice) to the engineer, for any PSL located in the project limits or within 1 mile of the project limits. Follow the directives and adhere to all requirements set forth in the TCEQ, Texas Pollution Discharge Elimination System, Construction General Permit (TPDES, CGP).

Leave all right of way areas undisturbed until actual construction is to be performed in said areas.

Use established industry and utility safety practices to erect poles, luminaries, signs or structures near any overhead or underground utility. Consult with the appropriate utility company prior to beginning such work.

Locate all utilities, both underground and above ground, in the project area prior to beginning work so that conflicts are avoided.

Underground utilities owned by the Texas Department of Transportation may be present within the Right-Of-Way on this project. For signal, illumination, surveillance, and communications & control maintained by TxDOT, call the TxDOT Traffic Signal Office (214-320-6682) for locates a minimum of 48 hours in advance of excavation. For irrigation systems, call TxDOT Maintenance Landscape Office (214-320-6205) for locates a minimum of 48 hours in advance of excavation. If city or town owned irrigation facilities are present, call the appropriate department of the local city or town a minimum of 48 hours in advance of excavation. The Contractor is liable for all damages incurred to the above mentioned utilities when working without having the utilities located prior to excavation.

For the project to be deemed complete, permanently stabilize all unpaved disturbed areas of the project with a vegetative cover at a minimum of 70% density for the control of erosion.

Repair or replace any structures and utilities that might have been damaged by negligence or a failure to have utility locates performed.

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Perform all electrical work in accordance with the National Electrical Code and Texas Department of Transportation Specifications.

Consult with appropriate electric company representatives according to their respective area to coordinate electrical services installations.

Submit all shop drawings, working drawings, or other documents which require review sufficiently in advance of scheduled construction to allow no less than thirty (30) calendar days for review and response.

Meet daily with the Engineer to notify him or her of planned work for the day and to provide 24 hour notice of lane closures for planned work for the next day. Do not close lanes for which this requirement is not met. No work is to be performed without prior coordination with the Engineer.

Submit pre-letting questions by e-mail to [christopher.blain@txdot.gov](mailto:christopher.blain@txdot.gov).

The answers will be submitted in the same format in which they are received. A file containing these questions and answers will be available for review at the Traffic Signal Design Office located in the DalTrans Center at 4777 E. Hwy 80, Mesquite, TX 75150.

Material On Hand (MOH) will not be used in calculating partial payments for Mobilization.

Provide the Engineer with a copy of all DBE subcontractor agreements prior to commencing work.

Unless otherwise shown on the plans or as directed, the location of "ITS" conductors, cables, conduits, ground boxes, etc. are diagrammatic only and may be shifted to accommodate field conditions or phased construction.

Provide as-built cable interconnection diagrams and communication network schematics at least 30 days prior to the start of data communications testing.

All materials and services not expressly called for in the specification or not shown in the plans, which may be necessary for complete and proper construction of the "ITS" Network, will be performed, furnished and installed at no cost to the Department.

**Item 8:**

This project will be a Standard Workweek in accordance with Article 8.3.A.4.

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**Item 502:**

Place barricades and signs in locations that do not obstruct the sight distance of drivers entering the highway from driveways or side streets.

Do not commence work on the road before sunrise. Do not operate or park any equipment/machinery closer than 30 feet from the traveled roadway after sunset unless authorized by the engineer.

When moving unlicensed equipment on or across any pavement or public highways, protect the pavement from all damage using an acceptable method.

For any planned lane closures on IH 35E or US 75, provide a written notification of any main lane or frontage road temporary lane closure to the Engineer, for approval and dissemination to the public, before 1:00 P.M., on the working day prior to the date of the anticipated temporary lane closure. Type and submit notifications that contain the following specific information: date of closure, roadway and direction for closed lane, the operations of work within the closure, and the names of cross-streets between which the closure takes place. Temporary lane closures not appearing on the list will not be permitted.

Refer to the following table:

<b>Freeway Lane Closures</b>				
<b>Category of Work</b>	<b>Number of Rdwy Lanes per direction</b>	<b>Peak Times</b> Monday-Friday 6:00 am - 9:00 am 3:30 pm - 7:00 pm Major Events and Major Holidays**	<b>Off Peak Times</b> Monday-Friday 9:00 am - 3:30pm 7:00 pm - 10:30 pm and Saturday	<b>Lowest Volume Time</b> Monday-Friday 10:30 pm to 6:00 am and Sunday
<b>Placement of CTB, Pavement Markings, Full Depth Roadway Repair, Placement of Bridge Beams, Bridge Demolition* or Similar Operations</b>	5	None	2	3
	4	None	2	3
	3	None	1	2
	2	None	1	2
<b>Adjacent Construction, Lanes for Construction Traffic or Similar Operations</b>	5	None	1	2
	4	None	1	2
	3	None	1	1
	2	None	None	1
* Provide a traffic control plan where bridge demolition cannot be accomplished with lane closures. Freeway closures will only be done during Lowest Volume Times.				
** Major Holidays are defined under Item 1.82 and also include the Easter Weekend.				

Additional lanes may be closed during Off Peak Times or Lowest Times with written permission of the Engineer. Lane Closures during Off Peak Times may be started earlier or be extended later with written permission of the Engineer.

Traffic Control Plans with Lane Closures causing backups of 20 minutes or greater in duration will be modified by the Engineer.

Any planned lane closures on President George Bush Turnpike (PGBT) shall be submitted in writing to the Engineer a minimum of four business days in advance. All PGBT lane closure requests shall be submitted to TxDOT personnel, and shall be in accordance with the following North Texas Tollway Authority guidelines:

- a) Single lane and shoulder closures will be restricted to the hours between 9:00 A.M. and 3:30 P.M., Monday through Friday.
- b) Single lane closures will be restricted to the hours between 7:00 A.M. and 7:00 P.M., Saturday and Sunday, and between 8:00 P.M. and 5:00 A.M. Sunday through Thursday.
- c) No more than two lane closures will be allowed in any direction at the same time.
- d) Each single lane closure shall not exceed 3 miles in overall length.
- e) No more than two lane closures will be allowed in any direction at the same time.
- f) Portable Changeable Message Signs (CMS) should be placed for any closure with impacts on roadway capacity and traffic flow continuity. The signs should be placed no less than seven days prior to the closure for major activities and 24 hours for routine closures. It is the responsibility of the lane closure requestor to arrange for the procurement and installation of the required devices.
- g) At a minimum, drums shall be used on all upstream tapers. Entire taper and message board visibility shall be a minimum of 500 feet in advance of the work zone. Extension of taper and placement of message board may be adjusted at the discretion of the Engineer.
- h) Channelizing devices shall be checked at a minimum of every hour by the Contractor. Any deficiencies shall be corrected immediately.
- i) Ramp closures shall not be allowed unless approved in writing by the Engineer a minimum of one week in advance. CMS shall be placed seven days prior to ramp closure at a location to be approved by the Engineer. Ramp closures when approved shall be conducted between the hours of 8:00 PM and 5:00 AM, Sunday through Thursday.
- j) Contractor shall notify the Engineer immediately regarding all emergency lane closures. The NTTA shall be given the cause and anticipated duration of all emergency lane closures.

**Item 506:**

The Storm Water Pollution Prevention Plan (SW3P) consists of using the following items as directed:

- Biodegradable Erosion Control Logs

This work will be paid for under the respective bid items.

SW3P Maintenance Reports are made every seven calendar days. Make corrections as soon as possible before the next anticipated rain event or within seven calendar days after being able to enter the site to work for each BMP. A BMP site being "Too Wet to Work" is the only acceptable reason for not accomplishing the corrections with the seven calendar day time limit and should be thoroughly documented on Form 2118. If

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maintenance corrections are not made within this time frame then all work will cease, time charges will continue until SW3P is brought into compliance and is documented on Form 2118 after TxDOT review.

This in no way releases the contractor of liability for noncompliance.

**Items 618:**

Secure permission and approval from the proper authority prior to cutting into or removing any sidewalks, curbs, "rock" riprap, or concrete riprap for installation of this Item. After the work is completed, the Contractor shall restore any curbs, walkways, or riprap, which have been removed, to their original condition and to the satisfaction of the engineer.

The Contractor shall request locates for any utilities that may interfere with the installation of "ITS" conduit and shall replace or repair any damage done to existing underground conduit or utilities. This work will be done at the expense of the Contractor and to the satisfaction of the Engineer.

"ITS" conduit shall be installed a minimum of 42 inches deep, when trenching methods are used, and a minimum of 60 inches deep when bored under existing pavement, unless shown otherwise in the plans.

When trenching through rocky soil, place nonmetallic conduit on a two-inch sand cushion and backfill with a minimum of six inches of sand.

Where a trench is cut through the surfaced parking shoulder, median or driveways for laying conduit, the base and surfacing will be replaced with similar materials equal in appearance and quality to the original construction.

The minimum bending radius for all conduits supplied on this project shall be 18 inches, or as approved.

Use a cleaner-primer on all PVC to PVC joints before application of PVC cement.

Place conduit under existing pavement by an approved boring method. Do not place boring pits closer than 2 feet from the edge of the pavement unless otherwise directed. Do not use water jetting. When conduits are bored, do not exceed 18 inches in the vertical and horizontal tolerances as measured from the intended target point.

Do not use a pneumatically driven device for punching holes beneath the pavement (commonly known as a "missile").

When holes are drilled through concrete structures, use a coring device. Do not use masonry or concrete drills.

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Install a permanent non-metallic pull cord, with a minimum tensile strength of 600 pounds, in all new conduits. For conduits installed for future use, plug conduits using a mechanical conduit plug. Ensure that the mechanical plug creates a water and airtight seal. This work will not be paid for directly but will be subsidiary to this item.

Existing conduit may be proposed for reuse in this project. If the existing conduit cannot be used, repair or replace this conduit as directed.

**Items 620, 6014:**

Extra cable length will be included in each run, to provide adequate slack, at each ground box, camera pole, communications hub, dynamic message sign, or radar vehicle sensing device, as determined.

All tracer conductors and communication cables will be color-coded consistently, or permanently labeled, between all connections and splices, to ensure immediate identification.

At the Contractor's option, tracer wire connections and permissible splices may be made by the thermal fusion process, Cadweld, Thermaweld or equal, in lieu of bolted connections or splices.

Insulated conductors and electrical connectors shall be rated a minimum of 600 volts.

When pulling cables or conductors through conduit, lubricate cables or conductors with a lubricant generally used for this purpose.

The Contractor will test each wire of each cable or conductor before and after installation. Any incomplete circuit or any damage to any wire or any cable will result in the immediate rejection of the entire cable being tested. The Contractor will remove and replace the rejected cable at his own expense.

All circuits will test clear of faults, grounds and open circuits.

The single mode fiber optic cable will be installed continuous, without splices, from the communications hub to hub, as indicated in the plans, or as directed. No splicing of fiber optic cable will be permitted in ground boxes.

**Item 624:**

All "ITS" ground boxes will be constructed with aprons.

Submittal literature will be provided to the Engineer prior to installation.

Concrete removal required for installation of ground boxes will be subsidiary to Item 624.

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**Item 6014:**

Fiber optic jumper procurement and installation will not be paid for directly but shall be considered subsidiary to this item.

Fiber optic patch panel and splice enclosure shall be mounted in TxDOT equipment cabinet at NTTA fiber hut.

**Item 6016:**

Equipment cabinet shall be wall mounted onto existing NTTA fiber huts as shown on plans.

Equipment cabinet shall be "DMS" size to accommodate 19" rack mounted fiber optic patch panel and splice enclosure. No electrical equipment will be required in equipment cabinet.

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