

NOTIFICATION OF ADDENDUM

ADDENDUM NO. 1

DATED 7/26/2010

Control	0908-21-021
Project	STP 2011(102)
Highway	VA
County	MITCHELL

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: STP 2011(102)

CONTROL: 0908-21-021

COUNTY: MITCHELL

LETTING: 08/11/2010

REFERENCE NO: 0723

PROPOSAL ADDENDUMS

_ PROPOSAL COVER

X BID INSERTS (SH. NO.: 1-1)

X GENERAL NOTES (SH. NO.: D)

X SPEC LIST (SH. NO.: 1-2 & 2-2)

X SPECIAL PROVISIONS:

ADDED: 302-010, 316-016, 318-010, 610-010, 620-001, 624-012
682-001, 685-014, 687-004

DELETED:

_ SPECIAL SPECIFICATIONS:

ADDED:

DELETED:

X OTHER: SEE CHANGES BELOW:

DESCRIPTION OF ABOVE CHANGES
(INCLUDING PLANS SHEET CHANGES)

BID INSERTS: SHEET 1-1:

CHANGED QUANTITY FOR ITEMS 104-2028, 162-2002, 168-2001, 531-2024,
531-2054 & 644-2056.

ADDED ITEMS 618-2018, 620-2016, 624-2012, 624-2034, 666-2048, 677-2001,
677-2003, 677-2007, 687-2001, 688-2001 & 690-2030.

ADDED SP 620-001, 624-012 & 687-004.

SHEET 2-2 ADDED DUE TO ADDED ITEMS.

GENERAL NOTES: SHEET D:

ADDED NOTE FOR ITEM 687.

PLAN SHEETS:

SHEET 2: ADDED SHEETS 53A, 60A & 60B TO INDEX.

SHEET 5: REPLACED - SEE GENERAL NOTES CHANGE ABOVE.

SHEET 7: REPLACED - DUE TO CHANGES TO BID INSERTS ABOVE.

SHEET 8: REPLACED - SUMMARIES UPDATED.

SHEETS 25-32: CHANGED RAMP CONFIGURATION AND PED BUTTONS

SHEETS 33-46: REPLACED: ADDED MISSING QUANTITY TABLE INFORMATION.

SHEET 53A: ADDED SHEET.

SHEETS 60A 60B: ADDED SHEETS.

DESCRIPTION OF ABOVE CHANGES
(INCLUDING PLANS SHEET CHANGES)

(CONTINUED)

SPEC LIST:

SHEET 1-2: ADDED PAY ITEMS 618, 620, 624, 666, 677, 687, 688 & 690

SHEET 2-2: ADDED SP 302-010, 316-016, 318-010, 610-010, 620-001, 624-012,
682-001, 685-014 & 687-004.

SHEET 3-3: ADDED DUE TO ADDED ITEMS.

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	104	2028		REMOVING CONC (MISC) and DOLLARS CENTS	SY	1.000	1
	162	2002		BLOCK SODDING and DOLLARS CENTS	SY	268.000	2
	168	2001		VEGETATIVE WATERING and DOLLARS CENTS	MG	4.700	3
	423	2006		RETAINING WALL (CONC BLOCK) and DOLLARS CENTS	SF	129.000	4
	500	2001	005	MOBILIZATION and DOLLARS CENTS	LS	1.000	5
	502	2001	033	BARRICADES, SIGNS AND TRAFFIC HAN- DLING and DOLLARS CENTS	MO	4.000	6
	531	2024	006	CONC SIDEWALK (5") and DOLLARS CENTS	SY	267.000	7
	531	2054	006	CURB RAMPS and DOLLARS CENTS	SY	483.000	8
	618	2018		CONDT (PVC) (SCHD 40) (2") and DOLLARS CENTS	LF	292.000	9
	620	2016	001	ELEC CONDR (NO.12) INSULATED and DOLLARS CENTS	LF	680.000	10

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	624	2012	012	GROUND BOX TY C (162911) W/APRON DOLLARS and CENTS	EA	9.000	11
	624	2034	012	REMOVE EXISTING GROUND BOXES DOLLARS and CENTS	EA	9.000	12
	644	2056		RELOCATE SM RD SN SUP & AM TY 10BWG DOLLARS and CENTS	EA	9.000	13
	666	2048		REFL PAV MRK TY I (W) 24"(SLD)(100MIL) DOLLARS and CENTS	LF	554.000	14
	677	2001		ELIM EXT PAV MRK & MRKS (4") DOLLARS and CENTS	LF	241.000	15
	677	2003		ELIM EXT PAV MRK & MRKS (8") DOLLARS and CENTS	LF	55.000	16
	677	2007		ELIM EXT PAV MRK & MRKS (24") DOLLARS and CENTS	LF	226.000	17
	687	2001	004	PED POLE ASSEMBLY DOLLARS and CENTS	EA	12.000	18
	688	2001		PED DETECT (2 INCH PUSH BTN) DOLLARS and CENTS	EA	12.000	19
	690	2030		REMOVAL OF PEDESTRIAN PUSH BUTTONS DOLLARS and CENTS	EA	12.000	20

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General

All known utilities are identified in the plans, including the crossing of power lines. Use this information to identify potential issues with power poles and power lines prior to bidding. Make necessary arrangements with utility owners regarding temporary protections such as bracing power poles, and de-energizing power lines. The Department will not reimburse the cost of such temporary protections to the Contractor, unless the Engineer determines that inadequate information was available at the time the project was bid.

Item 5, “Control of Work”

Provide notification to the District Signal Shop by telephone at 325-676-6981 and by fax at 325-676-6986 when planning drilling or excavation work in areas where existing TxDOT underground utilities exist. Visual evidence of TxDOT underground utilities in the area include illumination poles, ground boxes, flashing beacons, traffic signals, etc. This notification must be provided 48 hours in advance of performing the work, but no earlier than 72 hours before the work will commence. Drilled shaft locations or excavation areas must be staked prior to the notification so that the underground utilities can be located in relationship to the proposed work. Preserve and document the marked utility locations to prevent unnecessary secondary notifications. Secondary notifications that are due to failure to preserve and document previously marked utilities will be responded to at a cost of \$500 each and will be deducted from the next payment. Notify the Engineer of conflicts between proposed work and underground utilities. Repair damaged TxDOT utilities in accordance with current electrical regulations, or as directed by the Engineer when damage is due to failure to provide notification to the District Signal Shop or failure to notify the Engineer of conflicts between proposed work and underground utilities. Repair work for these reasons will be performed at the Contractor's expense unless documentation is available to demonstrate otherwise as determined by the Engineer.

Item 7, “Legal Relations and Responsibilities”

Provide access to all businesses and residences with minimum disruption and as directed. Materials, labor, and maintenance for these temporary accesses is considered subsidiary to the various bid items.

Do not initiate activities in a project specific location (PSL), associated with a U.S. Army Corps of Engineers (USACE) permit area that has not been previously evaluated by the USACE as part of the permit review of this project. Such activities include, but are not limited to, haul roads, equipment staging areas, borrow and disposal sites. Associated defined here means materials are delivered to or from the PSL. The permit area includes all waters of the U.S. or associated wetlands affected by activities associated with this project. Special restrictions may be required for such work. Be responsible for any and all consultations with the USACE regarding activities, including project specific locations (PSLs) that have not been previously evaluated by the USACE. Provide the department with a copy of all consultation(s) or approval(s) from the USACE prior to initiating activities.

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The contractor may proceed with activities in PSLs that do not affect a USACE permit area if a self determination has been made that the PSL is non-jurisdictional or proper USACE clearances have been obtained in jurisdictional areas or have been previously evaluated by the USACE as part of the permit review of this project. The contractor is solely responsible for documenting any determination(s) that their activities do not affect a USACE permit area. Maintain copies of their determination(s) for review by the department or any regulatory agency.

Document and coordinate with the USACE, if required, prior to any excavation hauled from or embankment hauled into a USACE permit area by either (1) or (2) below.

(1) Restricted Use of Materials for the Previously Evaluated Permit Areas.

Document both the project specific location (PSL) and their authorization. Maintain copies for review by the department or any regulatory agency. When an area within the project limits has been evaluated by the USACE as part of the permit process for this project:

- a. Suitable excavation of required material in the areas shown on the plans and cross sections as specified in Item 110 is used for permanent or temporary fill (Item 132, Embankment) within a USACE permit area;
- b. Suitable embankment (Item 132) from within the USACE permit area is used as fill within a USACE evaluated area; and,
- c. Unsuitable excavation or excess excavation ["Waste"] (Item 110) that is disposed of at a location approved by the Engineer within a USACE evaluated area.

(2) Contractor Materials from Areas Other than Previously Evaluated Areas.

Provide the department with a copy of all USACE coordination or approval(s) prior to initiating any activities for an area within the project limits that has not been evaluated by the USACE or for any off right of way locations used for the following, but not limited to, haul roads, equipment staging areas, borrow and disposal sites:

- a. Item 132, Embankment, used for temporary or permanent fill within a USACE permit area; and,
- b. Unsuitable excavation or excess excavation ["Waste"] (Item 110, Excavation) that is disposed of outside a USACE evaluated area.

The total area disturbed for this project is 0.2 acres. The disturbed area in this project, all project locations in the Contract, and the 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. The Contractor is to obtain required authorization from the TCEQ for Contractor PSLs for construction support activities on or off the ROW. When the total area disturbed 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 ROW to the Engineer and to the government that operates a separate storm sewer system.

Item 8 “Prosecution and Progress”

Each contract awarded by the Department stands on its own and as such, is separate from other contracts. A Contractor awarded multiple contracts must be capable and sufficiently staffed to concurrently process and/or execute all contracts at the same time.

Working days will be computed and charged in accordance with Section 8.3.A.4 except that time will not be charged during vegetative establishment, maintenance, performance and test periods when all other work has been satisfactorily completed.

Item 168, “Vegetation Watering”

A measuring device will be required for payment of this item. A measuring device will consist of a meter at the water source or other method approved by the engineer. Provide meter readings after each application.

Item 421, “Hydraulic Cement Concrete”

When Mix Design Option 7 is selected for cast in place concrete, use a cement meeting the requirements of Ty II.

Class C fly ash and Ty I cement will not be allowed for any mix unless approved by the Engineer.

As a minimum, curing facility includes concrete curing tank, heater and a concrete recording thermometer. Provide a recorder with the capability to chart temperatures for 24 hours, 7 days and 30 day period of time.

Air Entrainment requirements are waived with exception to bridge deck concrete, and all slip formed concrete (bridge rail, concrete traffic barrier, pavement, etc.).

If the Contractor elects to use air entrainment in concrete when not required, the upper spec limit will not be waived.

For this project, the Engineer will provide strength-testing equipment for acceptance testing.

Item 423, “Retaining Wall

Use the approved Concrete Block Retaining wall systems listed at:

http://www.dot.state.tx.us/business/contractors_consultants/bridge/retaining_wall.htm

Item 502, “Barricades, Signs and Traffic Handling”

Provide plastic drums or 42 inch cones on all daytime lane closure tapers when ADT is 1,000 vehicles per day or greater.

Additional signs, barricades and traffic handling may be necessary to complete the work shown herein and will be provided by the contractor as required and will be considered subsidiary to this item.

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Provide shadow vehicles with warning lights for operations at the IH-20 frontage road, or if required by the TCP.

Provide to the Engineer a letter certifying that all truck-mounted attenuators (TMA) used on the project have proven to be crashworthy using the criteria outlined in the *National Cooperative Highway Research Program (NCHRP) Report 350*.

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

Items of work have been provided in this contract to establish a uniform vegetative cover. This project will not receive "Final Acceptance" until a 70% density of existing adjacent undisturbed area is obtained, unless otherwise directed.

Item 531, "Sidewalks"

Provide reinforcement as shown in Article 432.3.A or as detailed elsewhere in plans.

Item 644, "Small Roadside Sign Supports and Assemblies"

Use the latest edition of the "Standard Highway Sign Designs for Texas" for Sign types for which design details are not shown on the plans.

Item 687, "Pedestrian Pole Assemblies"

Existing PUSH BUTTON FOR WALK SIGNAL signs will be removed and relocated to the new Pedestrian Pole Assemblies. This work will be considered subsidiary to this bid item (see pages 25-32 for locations). One of the existing PUSH BUTTON FOR WALK SIGNAL signs located at the South East corner of the South Frontage road has the wrong directional arrow for the new Pedestrian Pole Assembly location. This sign will be furnished by the Abilene District Signal Shop. Contact Glen Campbell for the sign at 325-676-6980.

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COUNTY : MITCHELL

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 JUNE 1, 2004.
STANDARD SPECIFICATIONS ARE INCORPORATED
INTO THE CONTRACT BY REFERENCE.

ITEMS 1 TO 9 INCL., GENERAL REQUIREMENTS AND COVENANTS
ITEM 104 REMOVING CONCRETE
ITEM 162 SODDING FOR EROSION CONTROL (166)(168)
ITEM 168 VEGETATIVE WATERING
ITEM 423 RETAINING WALLS (110)(132)(400)(420)(421)(424)(440)(445)
(458)(556)
ITEM 500 MOBILIZATION
ITEM 502 BARRICADES, SIGNS, AND TRAFFIC HANDLING
ITEM 506 TEMPORARY EROSION, SEDIMENTATION, AND ENVIRONMENTAL
CONTROLS
ITEM 531 SIDEWALKS (104)(360)(420)(421)(440)(530)
ITEM 618 CONDUIT (400)(445)(476)(622)
ITEM 620 ELECTRICAL CONDUCTORS
ITEM 624 GROUND BOXES (421)(440)
ITEM 644 SMALL ROADSIDE SIGN SUPPORTS AND ASSEMBLIES (421)(440)
(441)(442)(445)(634)(636)(643)(656)
ITEM 666 REFLECTORIZED PAVEMENT MARKINGS (316)(318)(662)(677)(678)
ITEM 677 ELIMINATING EXISTING PAVEMENT MARKINGS AND MARKERS (300)
(302)(316)
ITEM 687 PEDESTAL POLE ASSEMBLIES (445)(449)(656)
ITEM 688 PEDESTRIAN DETECTORS AND VEHICLE LOOP DETECTORS (618)
(624)(682)(684)
ITEM 690 MAINTENANCE OF TRAFFIC SIGNALS (416)(421)(476)(610)(618)
(620)(622)(624)(625)(627)(628)(634)(636)(656)(680)(682)
(684)(685)(686)(687)(688)

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, MARCH, 1994)

WAGE RATES

SPECIAL PROVISION "PARTNERING" (000---002)
SPECIAL PROVISION "NOTICE TO ALL BIDDERS" (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---006)
SPECIAL PROVISION "CERTIFICATION OF NONDISCRIMINATION IN EMPLOYMENT"
(000---009)
SPECIAL PROVISION "DEPARTMENT DIVISION MAILING AND PHYSICAL ADDRESS"
(000---011)
SPECIAL PROVISION "DISADVANTAGED BUSINESS ENTERPRISE IN FEDERAL-AID
CONSTRUCTION" (000---461)
SPECIAL PROVISION "NOTICE OF CHANGES TO U.S. DEPARTMENT OF LABOR
REQUIRED PAYROLL INFORMATION" (000--1483)
SPECIAL PROVISION "SCHEDULE OF LIQUIDATED DAMAGES" (000--1493)
SPECIAL PROVISION "ON-THE-JOB TRAINING PROGRAM" (000--1676)
SPECIAL PROVISION TO ITEM 1 (001---011)
SPECIAL PROVISION TO ITEM 2 (002---017)
SPECIAL PROVISION TO ITEM 3 (003---033)
SPECIAL PROVISION TO ITEM 4 (004---017)
SPECIAL PROVISION TO ITEM 5 (005---004)
SPECIAL PROVISION TO ITEM 6 (006---030)
SPECIAL PROVISION TO ITEM 7 (007---740)
SPECIAL PROVISION TO ITEM 8 (008---119)
SPECIAL PROVISIONS TO ITEM 9 (009---009)(009---015)
SPECIAL PROVISION TO ITEM 166 (166---001)
SPECIAL PROVISION TO ITEM 302 (302---010)
SPECIAL PROVISION TO ITEM 316 (316---016)
SPECIAL PROVISION TO ITEM 318 (318---010)
SPECIAL PROVISION TO ITEM 360 (360---003)
SPECIAL PROVISION TO ITEM 420 (420---002)
SPECIAL PROVISION TO ITEM 421 (421---035)
SPECIAL PROVISION TO ITEM 424 (424---002)
SPECIAL PROVISION TO ITEM 440 (440---002)
SPECIAL PROVISION TO ITEM 441 (441---006)
SPECIAL PROVISION TO ITEM 442 (442---016)
SPECIAL PROVISION TO ITEM 500 (500---005)
SPECIAL PROVISION TO ITEM 502 (502---033)
SPECIAL PROVISION TO ITEM 506 (506---010)
SPECIAL PROVISION TO ITEM 531 (531---006)
SPECIAL PROVISION TO ITEM 620 (620---001)
SPECIAL PROVISION TO ITEM 624 (624---012)
SPECIAL PROVISION TO ITEM 636 (636---014)
SPECIAL PROVISION TO ITEM 643 (643---001)
SPECIAL PROVISION TO ITEM 685 (685---014)
SPECIAL PROVISION TO ITEM 687 (687---004)

SPECIAL SPECIFICATIONS :

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.

SPECIAL PROVISION

302---010

Aggregates For Surface Treatments

Item 302, “Aggregates for Surface Treatments,” of the Standard Specifications, is hereby amended with respect to the clauses cited below, and no other clauses or requirements of this Item are waived or changed hereby.

Article 302.2. Materials, Section A. Aggregate. The fourth paragraph is voided and replaced by the following:

Furnish aggregates that meet the quality requirements shown in Table 3, unless otherwise shown on the plans. When Limestone Rock Asphalt (LRA) is used, furnish in accordance with DMS-9210, “Limestone Rock Asphalt (LRA).” Provide aggregates from sources listed in the Department’s *Bituminous Rated Source Quality Catalog* (BRSQC). If a source is not listed in the catalog or its listed ratings do not meet requirements of the plans, material from that source may be used only when tested by the Engineer and approved before use. Allow 30 calendar days for testing of material from such sources.

Article 302.2. Materials, Section A. Aggregate, Table 2 is voided and replaced by the following:

**Table 2
Aggregate Gradation Requirements (Cumulative % Retained¹)**

Sieve	Grade								
	1	2	3S ²	3		4S ²	4	5S ²	5 ³
				Non-lightweight	Lightweight				
1"	-	-	-	-	-	-	-	-	-
7/8"	0-2	0	-	-	-	-	-	-	-
3/4"	20-35	0-2	0	0	0	-	-	-	-
5/8"	85-100	20-40	0-5	0-5	0-2	0	0	-	-
1/2"	-	80-100	55-85	20-40	10-25	0-5	0-5	0	0
3/8"	95-100	95-100	95-100	80-100	60-80	60-85	20-40	0-5	0-5
1/4"	-	-	-	95-100	95-100	-	-	65-85	-
#4	-	-	-	-	-	95-100	95-100	95-100	50-80
#8	99-100	99-100	99-100	99-100	98-100	98-100	98-100	98-100	98-100

1. Round test results to the nearest whole number.
2. Single-size gradation.
3. Grade 5S may be substituted for Grade 5 for LRA only, unless otherwise approved by the Engineer.

Article 302.2. Materials, Section A. Aggregate. Table 3 is voided and replaced by the following:

**Table 3
Aggregate Quality Requirements**

Property	Test Method	Requirement	Remarks
SAC	AQMP	As shown on the plans	
Deleterious Material, %, Max	Tex-217-F, Part I	2.0	Not required for lightweight aggregate.
Decantation, %, Max	Tex-406-A	1.5	
Flakiness Index, Max	Tex-224-F	17	Unless otherwise shown on the plans
Los Angeles Abrasion, %, Max	Tex-410-A	35	
Magnesium Sulfate Soundness, 5 Cycle, %, Max	Tex-411-A	25	
Micro-Deval Abrasion, %, Max	Tex-461-A	–	Not used for acceptance purposes. Used by the Engineer as an indicator for further investigation.
Coarse Aggregate Angularity, 2 Crushed Faces, %, Min	Tex-460-A, Part I	85	Unless otherwise shown on the plans. Only required for crushed gravel
Additional Requirements for Lightweight Aggregate			
Dry Loose Unit Wt., lb./cu. ft.	Tex-404-A	35–60	
Pressure Slaking, %, Max	Tex-431-A	6.0	
Freeze-Thaw Loss, %, Max	Tex-432-A	10.0	
Water Absorption, 24 ^o hr., %, Max	Tex-433-A	12.0	Unless otherwise shown on plans.

Article 302.2. Materials, Section B. Precoating. First paragraph is voided and replaced with the following:

When precoating is shown on the plans, precoat aggregate uniformly and adequately with asphalt material to the satisfaction of the Engineer. When shown on the plans, specific aggregates may be prohibited from being precoated. Meet Table 2 and 3 requirements before precoating. Furnish precoated aggregate that spreads uniformly using approved mechanical spreading equipment.

Article 302.2. Materials, Section B. Precoating, Section 1. Asphalt Material is voided and replaced with the following:

1. Asphalt Material. Precoat the aggregates with asphalt material that meets the requirements of Item 300, “Asphalts, Oils, and Emulsions.” Unless a specific precoat material is specified on the plans, use any asphalt material that meets the requirements of Item 300.

SPECIAL PROVISION

316---016

Surface Treatments

For this project, Item 316, "Surface Treatments", of the Standard Specifications, is hereby amended with respect to the clauses cited below, and no other clauses or requirements of this Item are waived or changed hereby.

Article 316.3.A.3. Computerized Distributor. This section is voided and not replaced.

Article 316.4.D.3. Asphalt Material Designed for Winter Use. This section is voided and replaced by the following:

A. Cold Weather Surface Treatments. When asphalt application is allowed outside of the above temperature restrictions, the Engineer will approve the binder grade and the air and surface temperatures for asphalt material application. Apply surface treatment at air and surface temperatures as directed.

Article 316.5.A. Asphalt Material. This section is voided and replaced by the following:

B. Asphalt Material. Asphalt material will be measured at the applied temperature by strapping the tank just before and just after road application and determining the net volume in gallons from the distributor's calibrated strap stick. The quantity to be measured for payment will be the number of gallons used, as directed, in the accepted surface treatment.

SPECIAL PROVISION

318---010

Hot Asphalt-Rubber Surface Treatments

For this project, Item 318, “Hot Asphalt-Rubber Surface Treatments”, of the Standard Specifications, is hereby amended with respect to the clauses cited below, and no other clauses or requirements of this Item are waived or changed hereby.

Article 318.3.A. Distributor. The second sentence is voided and not replaced.

Articles 318.3.I. Truck Scales. This article is voided and not replaced.

Article 318.5. Measurement. The first paragraph is voided and replaced by the following:

A. A-R Binder. A-R binder, including all components, will be measured at the applied temperature by strapping the tank just before and just after road application and determining the net volume in gallons from the distributor’s calibrated strap stick. The quantity to be measured for payment will be the number of gallons used, as directed, in the accepted surface treatment.

SPECIAL PROVISION

610---010

Roadway Illumination Assemblies

For this project, Item 610, “Roadway Illumination Assemblies,” of the Standard Specifications, is hereby amended with respect to the clauses cited below, and no other clauses or requirements of this Item are waived or changed hereby.

Article 610.2. Materials. The fourth paragraph is voided and replaced by the following:

Do not provide shop drawings for complete assemblies that are fabricated in accordance with this Item and the details shown on the plans. Electronically submit shop drawings for optional designs, aluminum pole designs, and special designs. For instructions on submitting electronic shop drawings refer to the “Guide to Electronic Shop Drawing Submittal” located online at:

http://www.txdot.gov/business/contractors_consultants/bridge/shop_drawings.htm

SPECIAL PROVISION

620---001

Electrical Conductors

For this project, Item 620, "Electrical Conductors," of the Standard Specifications, is hereby amended with respect to the clauses cited below, and no other clauses or requirements of this Item are waived or changed hereby.

Article 620.2 Materials. The fourth and fifth paragraphs are void and replaced by the following:

Use white insulation for grounded (neutral) conductors, except that grounded conductors AWG No. 4 and larger may be black with white tape marking at every accessible location. Do not use white insulation or marking for any other conductor except control wiring specifically shown on the plans.

Ensure that insulated grounding conductors are green except that insulated grounding conductors AWG No. 4 and larger may be black with green tape marking at every accessible location. Do not use green insulation or marking for any other conductor except control wiring specifically shown on the plans.

SPECIAL PROVISION**624---012****Ground Boxes**

For this project, Item 624, "Ground Boxes," of the Standard Specifications, is hereby amended with respect to the clauses cited below, and no other clauses or requirements of this Item are waived or changed hereby.

Article 624.1. Description is voided and replaced by the following:

Construct, furnish, and install ground boxes complete with lids. Remove existing ground boxes.

Article 624.2 Construction and Materials. The first paragraph is voided and replaced by the following:

Provide new materials that comply with the details shown on the plans and meet the following requirements:

- Construct cast-in-place concrete ground boxes and aprons in accordance with Item 420, "Concrete Structures," and Item 440, "Reinforcing Steel."
- Provide fabricated precast polymer concrete ground boxes, and precast concrete ground boxes that comply with DMS-11070, "Ground Boxes."
- Construct a concrete apron, when shown on the plans, in accordance with Item 432, "Riprap," and Item 440, "Reinforcing Steel."

Article 624.2. Construction and Materials is supplemented by the following:

Remove existing ground boxes to at least 6 in. below the conduit level. Uncover conduit to a sufficient distance so that 90 degree bends can be removed and conduit reconnected. Clean the conduit in accordance with Item 618, "Conduit" and pull, splice, or terminate new conductors as indicated in the plans. Cleaning of conduit is subsidiary to this Item. Pulling, splicing, or terminating conductors will be paid under Item 620, "Electrical Conductors." Backfill area to ground level with acceptable material upon completing adjacent work related to conduit and conductors.

Article 624.3. Measurement is voided and replaced by the following:

This Item will be measured by each ground box complete in place or by each ground box removed.

Article 624.4. Payment is voided and replaced by the following:

The work performed and materials furnished in accordance with this Item and measured as provided under "Measurement" will be paid for at the unit price bid for "Ground Boxes" of the types and sizes specified and for "Remove Existing Ground Boxes." This price is full compensation for excavating and backfilling; constructing, furnishing, installing, and removing the ground boxes and concrete aprons when required; and equipment, labor, materials, tools, and incidentals.

SPECIAL PROVISION

682--001

Vehicle and Pedestrian Signal Heads

Specification Item 682, "Vehicle and Pedestrian Signal Heads," is hereby amended with respect to the clauses cited below, and no other clauses or requirements of this Item are waived or changed hereby.

Article 682.2. Materials. Section B. General. The first paragraph is void and replaced by the following:

Provide vehicle signal heads in accordance with DMS-11120, "Vehicle Signal Heads" and DMS-11121, "12 Inch LED Traffic Signal Lamp Unit." Provide vehicle signal heads from manufacturers prequalified by the Department. The Traffic Operations Division maintains a list of prequalified vehicle signal head manufacturers.

SPECIAL PROVISION

685---014

Roadside Flashing Beacon Assemblies

For this project, Item 685, "Roadside Flashing Beacon Assemblies," of the Standard Specifications, is hereby amended with respect to the clauses cited below, and no other clauses or requirements of this Item are waived or changed hereby.

Article 685.5. Payment. The second paragraph is voided and replaced by the following:

New conduit will be paid for under Item 618, "Conduit", except for conduit in the foundation and within 6 inches of the foundation. New electrical conductors will be paid for under Item 620, "Electrical Conductors." New tray cable will be paid for under Item 621, "Tray Cable." New duct cable will be paid for under Item 622, "Duct Cable." New ground boxes will be paid for under Item 624, "Ground Boxes". New electrical services will be paid for under Item 628, "Electrical Services." New signs will be paid for under Item 634, "Plywood Signs," or Item 636, "Aluminum Signs." New signal heads will be paid for under Item 682, "Vehicle and Pedestrian Signal Heads." New traffic signal cable will be paid for under Item 684, "Traffic Signal Cable."

Article 685.5. Payment, A. Installation is voided and replaced by the following:

A. Installation. This price is full compensation for furnishing, fabricating, galvanizing, assembling, and erecting the roadside flashing beacon assemblies; foundations; conduit in the foundation and within 6 inches of the foundation; furnishing and placing anchor bolts, nuts, washers, and templates; controller; and equipment, materials, labor, tools, and incidentals.

Article 685.5. Payment, B. Relocation is voided and replaced by the following:

B. Relocation. This price is full compensation for removing the roadside flashing beacon assemblies; removing existing foundations; installing new foundations; installing new conduit in the foundation and within 6 inches of the foundation; furnishing, fabricating, and installing any new components as required and replacing the assembly on its new foundations with all manipulations and electrical work; controller; salvaging; disposal of unsalvageable material; loading and hauling; and equipment, material, labor, tools, and incidentals.

SPECIAL PROVISION

687---004

Pedestal Pole Assemblies

For this project, Item 687, "Pedestal Pole Assemblies," of the Standard Specifications, is hereby amended with respect to the clauses cited below, and no other clauses or requirements of this Item are waived or changed hereby.

Article 687.2. Materials is supplemented by the following:

- C. Pedestrian Push Button Pole Assembly.** Provide diameter as shown in the plans, schedule 40 steel pipe or tubing, aluminum pipe (alloy 6061-T6), or rigid metal conduit. Do not use aluminum conduit. Galvanize pedestrian push button post in accordance with Item 445, "Galvanizing," unless otherwise shown on the plans.

Article 687.3 Construction. The second and third paragraphs are voided and replaced by the following:

- B. Installation.** Install pedestal pole assemblies and pedestrian push button pole assemblies as shown on the plans or as directed. Pedestal pole assemblies include foundation, pole shaft, base, anchor bolts, anchor bolt nuts, anchor bolt template, shims, and miscellaneous components. Pedestrian push button post assemblies include foundation, pole, pedestrian button and post cap and pedestrian sign.
- C. Painted Finish.** When required, paint pedestal pole and pedestrian push button post assemblies in accordance with details shown on the plans.

Article 687.4 Measurement is voided and replaced by the following:

This Item will be measured by each pedestal pole assembly or each pedestrian push button post assembly."

Article 687.5 Payment is voided and replaced by the following:

The work performed and materials furnished in accordance with this Item and measured as provided under "Measurement" will be paid for at the unit price bid for "Pedestal Pole Assembly" or by the unit bid price for "Pedestrian Push Button Post Assembly."