| | |
|---|---|
| **Control** | **1685-06-045, ETC.** |
| **Project** | **C 1685-6-45, ETC.** |
| **Highway** | **SH 6, ETC.** |
| **County** | **FORT BEND** |

# ADDENDUM ACKNOWLEDGMENT

**Each bidder is required to acknowledge receipt of an addendum issued for a specific project. This page is provided for the purpose of acknowledging an addendum.**

FAILURE TO ACKNOWLEDGE RECEIPT OF AN ADDENDUM WILL RESULT IN THE BID NOT BEING READ.

In order to properly acknowledge an addendum place a mark in the box next to the respective addendum.

ADDENDUM NO. 1 ☐

ADDENDUM NO. 2 ☐

ADDENDUM NO. 3 ☐

ADDENDUM NO. 4 ☐

ADDENDUM NO. 5 ☐

In addition, the bidder by affixing their signature to the signature page of the proposal is acknowledging that they have taken the addendum(s) into consideration when preparing their bid and that the information contained in the addendum will be included in the contract, if awarded by the Commission or other designees.

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| | |
|---|---|
| **Control** | **1685-06-045, ETC.** |
| **Project** | **C 1685-6-45, ETC.** |
| **Highway** | **SH 6, ETC.** |
| **County** | **FORT BEND** |

# PROPOSAL TO THE TEXAS TRANSPORTATION COMMISSION

**2014 SPECIFICATIONS**

**WORK CONSISTING OF LANDSCAPE DEVELOPMENT**

**FORT BEND COUNTY, TEXAS**

The quantities in the proposal are approximate. The quantities of work and materials may be increased or decreased as considered necessary to complete the work as planned and contemplated.

This project is to be completed in 105 working days and will be accepted when fully completed and finished to the satisfaction of the Executive Director or designee.

Provide a proposal guaranty in the form of a Cashier's Check, Teller's Check (including an Official Check) or Bank Money Order on a State or National Bank or Savings and Loan Association, or State or Federally chartered Credit Union made payable to the Texas Transportation Commission in the following amount:

TWENTY-SIX THOUSAND (Dollars) **( $26,000 )**

A bid bond may be used as the required proposal guaranty. The bond form may be detached from the proposal for completion. The proposal may not be disassembled to remove the bond form. The bond must be in accordance with Item 2 of the specifications.

Any addenda issued amending this proposal and/or the plans that have been acknowledged by the bidder, become part of this proposal.

By signing the proposal the bidder certifies:

1. the only persons or parties interested in this proposal are those named and the bidder has not directly or indirectly participated in collusion, entered into an agreement or otherwise taken any action in restraint of free competitive bidding in connection with the above captioned project.
2. in the event of the award of a contract, the organization represented will secure bonds for the full amount of the contract.
3. the signatory represents and warrants that they are an authorized signatory for the organization for which the bid is submitted and they have full and complete authority to submit this bid on behalf of their firm.
4. that the certifications and representations contained in the proposal are true and accurate and the bidder intends the proposal to be taken as a genuine government record.

- **Signed: ****

(1) _____ (2) _____ (3) _____

**Print Name:**

(1) _____ (2) _____ (3) _____

**Title:**

(1) _____ (2) _____ (3) _____

**Company:**

(1) _____ (2) _____ (3) _____

- Signatures to comply with Item 2 of the specifications.

**Note: Complete (1) for single venture, through (2) for joint venture and through (3) for triple venture.

*** When the working days field contains an asterisk (*) refer to the Special Provisions and General Notes.**

# NOTICE TO CONTRACTORS

**ANY CONTRACTORS INTENDING TO BID ON ANY WORK TO BE AWARDED BY THIS DEPARTMENT MUST SUBMIT A SATISFACTORY "AUDITED FINANCIAL STATEMENT" AND "EXPERIENCE QUESTIONNAIRE" AT LEAST TEN DAYS PRIOR TO THE LETTING DATE.**

**UNIT PRICES MUST BE SUBMITTED IN ACCORDANCE WITH ITEM 2 OF THE STANDARD SPECIFICATIONS OR SPECIAL PROVISION TO ITEM 2 FOR EACH ITEM LISTED IN THIS PROPOSAL.**

# TEXAS DEPARTMENT OF TRANSPORTATION

## BID BOND

KNOW ALL PERSONS BY THESE PRESENTS,

That we, (Contractor Name) _____

_____

Hereinafter called the Principal, and (Surety Name) _____

_____

a corporation or firm duly authorized to transact surety business in the State of Texas, hereinafter called the Surety, are held and firmly bound unto the Texas Department of Transportation, hereinafter called the Obligee, in the sum of not less than two percent (2%) of the department's engineer's estimate, rounded to the nearest one thousand dollars, not to exceed one hundred thousand dollars ($100,000) as a proposal guaranty (amount displayed on the cover of the proposal), the payment of which sum will and truly be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the principal has submitted a bid for the following project identified as:

| | |
|---|---|
| **Control** | **1685-06-045, ETC.** |
| **Project** | **C 1685-6-45, ETC.** |
| **Highway** | **SH 6, ETC.** |
| **County** | **FORT BEND** |

NOW, THEREFORE, if the Obligee shall award the Contract to the Principal and the Principal shall enter into the Contract in writing with the Obligee in accordance with the terms of such bid, then this bond shall be null and void. If in the event of failure of the Principal to execute such Contract in accordance with the terms of such bid, this bond shall become the property of the Obligee, without recourse of the Principal and/or Surety, not as a penalty but as liquidated damages.

Signed this _____ Day of _____ 20_____

By: _____

(Contractor/Principal Name)

_____

(Signature and Title of Authorized Signatory for Contractor/Principal)

*By: _____

(Surety Name)

_____

(Signature of Attorney-in-Fact)

*Attach Power of attorney (Surety) for Attorney-in-Fact

Impressed Surety Seal Only

**This form may be removed from the proposal.**

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# BIDDER'S CHECK RETURN

**IMPORTANT**

**The space provided for the return address must be completed to facilitate the return of your bidder's check. Care must be taken to provide a legible, accurate, and complete return address, including zip code. A copy of this sheet should be used for each different return address.**

**NOTE**

**Successful bidders will receive their guaranty checks with the executed contract.**

RETURN BIDDERS CHECK TO (PLEASE PRINT):

| |
|---|
| |
| |
| |

| | |
|---|---|
| **Control** | **1685-06-045, ETC.** |
| **Project** | **C 1685-6-45, ETC.** |
| **Highway** | **SH 6, ETC.** |
| **County** | **FORT BEND** |

**IMPORTANT**

**PLEASE RETURN THIS SHEET IN ITS ENTIRETY**

Please acknowledge receipt of this check(s) at your earliest convenience by signing below in longhand, in ink, and returning this acknowledgement in the enclosed self addressed envelope.

Check Received By: _____ Date:_____

Title: _____

For (Contractor's Name): _____

Project _____ County_____

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# NOTICE TO THE BIDDER

In the space provided below, please enter your total bid amount for this project. Only this figure will be read publicly by the Department at the public bid opening.

It is understood and agreed by the bidder in signing this proposal that the total bid amount entered below is not binding on either the bidder or the Department. It is further agreed that **the official total bid amount for this proposal will be determined by multiplying the unit bid prices for each pay item by the respective estimated quantities shown in this proposal and then totaling all of the extended amounts.**

**$_____**

**Total Bid Amount**

Control 0001-03-030
Project STP 2000(938)HES
Highway SH 20
County EL PASO

| ALT | ITEM | DESC | SP | Bid Item Description | Unit | Quantity | Bid Price | Amount | Seq |
|---|---|---|---|---|---|---|---|---|---|
| | 104 | 509 | | REMOV CONC (SDWLK) | SY | 266.400 | $10.000 | $2,664.00 | 1 |

EXAMPLE

Total Bid Amount _____$2,664.00_____

Signed _____
Title _____
Date _____

Additional Signature for Joint Venture:

Signed _____
Title _____
Date _____

**EXAMPLE OF BID PRICES SUBMITTED BY COMPUTER PRINTOUT**

# EXAMPLES

## BID PRICES SUBMITTED BY HAND WRITTEN FORMAT

| ALT | ITEM-CODE | | | UNIT BID PRICE ONLY WRITTEN IN WORDS | UNIT | APPROX QUANTITIES | DEPT USE ONLY |
|---|---|---|---|---|---|---|---|
| | ITEM NO | DESC NO | S.P. NO. | | | | |
| | 190 | 026 | | RED OAK 1 1/2 - 1 3/4 GAL BB | EA | 9.000 | 1 |
| | | | | EXAMPLE: One hundred fifty DLRS and No CENTS | | | |

**Unit price for each plant in place**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 249 | 014 | | FLEX BASE(DEL)(DENSCOT)(TY A GR4 CL2) | TON | 56,787.00 | 14 |
| | | | | EXAMPLE: Seven DLRS and Fifty three CENTS | | | |

**Unit price for each ton of Flexible Base**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 430 | 001 | 001 | CL A CONC FOR EXT STR (CULV) | CY | 45.000 | 27 |
| | | | | EXAMPLE: Three hundred five DLRS and No CENTS | | | |

**Unit price for each cubic yard of Concrete**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 610 | 007 | 001 | RDWY ILL ASSEM(TY ST 50T-8-8)(.4 KW)S | EA | 13.000 | 7 |
| | | | | EXAMPLE: Fourteen hundred sixteen DLRS and Thirty seven CENTS | | | |

**Unit price of each Roadway Illumination Assembly**

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| ALT | ITEM-CODE | | | UNIT BID PRICE ONLY. WRITTEN IN WORDS | UNIT | APPROX QUANTITIES | DEPT USE ONLY |
|---|---|---|---|---|---|---|---|
| | ITEM NO | DESC CODE | S.P. NO. | | | | |
| | 100 | 6006 | | PREP ROW (TREE)(LESS THAN 24" DIA)<br>DOLLARS<br>and CENTS | EA | 32.000 | 1 |
| | 160 | 6005 | | FURNISHING AND PLACING TOPSOIL<br>DOLLARS<br>and CENTS | CY | 118.000 | 2 |
| | 161 | 6012 | | GENERAL USE COMPOST<br>DOLLARS<br>and CENTS | CY | 173.000 | 3 |
| | 162 | 6002 | | BLOCK SODDING<br>DOLLARS<br>and CENTS | SY | 10,956.000 | 4 |
| | 166 | 6001 | | FERTILIZER<br>DOLLARS<br>and CENTS | AC | 2.020 | 5 |
| | 168 | 6001 | | VEGETATIVE WATERING<br>DOLLARS<br>and CENTS | MG | 271.680 | 6 |
| | 170 | 6001 | | IRRIGATION SYSTEM<br>DOLLARS<br>and CENTS | LS | 1.000 | 7 |
| | 192 | 6002 | 001 | PLANT MATERIAL (1-GAL)<br>DOLLARS<br>and CENTS | EA | 6,718.000 | 8 |
| | 192 | 6003 | 001 | PLANT MATERIAL (3-GAL)<br>DOLLARS<br>and CENTS | EA | 7,411.000 | 9 |
| | 192 | 6012 | 001 | MULCH<br>DOLLARS<br>and CENTS | CY | 803.000 | 10 |
| | 192 | 6017 | 001 | VEGETATION BARRIER<br>DOLLARS<br>and CENTS | SY | 5,336.000 | 11 |
| | 192 | 6025 | 001 | PLANT MATERIAL (45 GAL) (TREE)<br>DOLLARS<br>and CENTS | EA | 342.000 | 12 |

| ALT | ITEM-CODE | | | UNIT BID PRICE ONLY. WRITTEN IN WORDS | UNIT | APPROX QUANTITIES | DEPT USE ONLY |
|---|---|---|---|---|---|---|---|
| | ITEM NO | DESC CODE | S.P. NO. | | | | |
| | 192 | 6033 | 001 | PLANT MATERIAL (15 GAL) (SHRUB)<br>DOLLARS<br>and CENTS | EA | 336.000 | 13 |
| | 192 | 6065 | 001 | PLANT BED PREP (TYPE III)<br>DOLLARS<br>and CENTS | SY | 6,265.000 | 14 |
| | 192 | 6097 | 001 | CONC LNDSCP EDG (12 IN WIDTH)<br>DOLLARS<br>and CENTS | LF | 5,794.000 | 15 |
| | 193 | 6002 | | PLANT MAINTENANCE<br>DOLLARS<br>and CENTS | CYC | 1.000 | 16 |
| | 500 | 6001 | | MOBILIZATION<br>DOLLARS<br>and CENTS | LS | 1.000 | 17 |
| | 502 | 6001 | 008 | BARRICADES, SIGNS AND TRAFFIC HAN-DLING<br>DOLLARS<br>and CENTS | MO | 7.000 | 18 |
| | 506 | 6040 | 005 | BIODEG EROSN CONT LOGS (INSTL) (8")<br>DOLLARS<br>and CENTS | LF | 6,379.700 | 19 |
| | 506 | 6043 | 005 | BIODEG EROSN CONT LOGS (REMOVE)<br>DOLLARS<br>and CENTS | LF | 6,379.700 | 20 |
| | 1005 | 6001 | | LOOSE AGGR FOR GROUNDCOVER (TYPE I)<br>DOLLARS<br>and CENTS | CY | 1,391.000 | 21 |
| | 1006 | 6001 | | LANDSCAPE SOIL AMENDMENT (TYPE I)<br>DOLLARS<br>and CENTS | SY | 15,290.000 | 22 |
| | 1006 | 6002 | | LANDSCAPE SOIL AMENDMENT (TYPE II)<br>DOLLARS<br>and CENTS | SY | 15,290.000 | 23 |
| | 1006 | 6003 | | LANDSCAPE SOIL AMENDMENT (TYPE III)<br>DOLLARS<br>and CENTS | SY | 6,265.000 | 24 |

| ALT | ITEM-CODE | | | UNIT BID PRICE ONLY. WRITTEN IN WORDS | UNIT | APPROX QUANTITIES | DEPT USE ONLY |
|---|---|---|---|---|---|---|---|
| | ITEM NO | DESC CODE | S.P. NO. | | | | |
| | 1006 | 6004 | | LANDSCAPE SOIL AMENDMENT (TYPE IV)<br>DOLLARS<br>and CENTS | SY | 3,114.000 | 25 |
| | 1006 | 6005 | | LANDSCAPE SOIL AMENDMENT (TYPE V)<br>DOLLARS<br>and CENTS | SY | 6,265.000 | 26 |
| | 1022 | 6001 | | LANDSCAPE TREATMENT(TY 1)<br>DOLLARS<br>and CENTS | EA | 1.000 | 27 |
| | 6001 | 6001 | | PORTABLE CHANGEABLE MESSAGE SIGN<br>DOLLARS<br>and CENTS | DAY | 125.000 | 28 |
| | 6185 | 6003 | 002 | TMA (MOBILE OPERATION)<br>DOLLARS<br>and CENTS | HR | 1,890.000 | 29 |

# CERTIFICATION OF INTEREST IN OTHER BID PROPOSALS FOR THIS WORK

By signing this proposal, the bidding firm and the signer certify that the following information, as indicated by checking “Yes” or “No” below, is true, accurate, and complete.

A. Quotation(s) have been issued in this firm's name to other firm(s) interested in this work for consideration for performing a portion of this work.

_____ YES

_____ NO

B. If this proposal is the low bid, the bidder agrees to provide the following information prior to award of the contract.

1. Identify firms which bid as a prime contractor and from which the bidder received quotations for work on this project.
2. Identify all the firms which bid as a prime contractor to which the bidder gave quotations for work on this project.

# ENGINEER SEAL

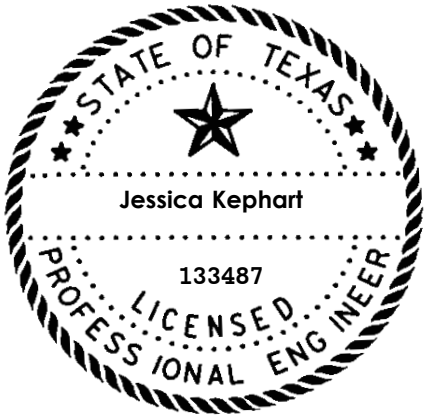
**Control** **1685-06-045, ETC.**

**Project** **C 1685-6-45, ETC.**

**Highway** **SH 6, ETC.**

**County** **FORT BEND**

**The enclosed Texas Department of Transportation Specifications, Special Specifications, Special Provisions, General Notes and Specification Data in this document have been selected by me, or under my responsible supervision as being applicable to this project. Alteration of a sealed document without proper notification to the responsible engineer is an offense under the Texas Engineering Practice Act.**




**The seal appearing on this document was authorized by**

*Jessica Kephart, P.E.*

**MARCH 08, 2023**

**General Notes:**

**General:**

Area Engineer contact information for this project follows:

(Carlos Zepeda, (281) 238-7920, Carlos.Zepeda@txdot.gov)
(Daniel Dvorak, (281) 238-7915, Daniel.Dvorak@txdot.gov)

Submit any questions about this project via the Letting Pre-Bid Q&A web page, located at:

https://tableau.txdot.gov/views/ProjectInformationDashboard/NoticetoContractors

The Letting Pre-Bid Q&A web page for each project can be accessed by scrolling or filtering the dashboard using the controls on the left side to navigate to the project. Hover over the blue hyperlink of the project to view the Q&A and click on the link in the window that pops up.

Large files with relevant project documentation, such as Geotech reports, As-Built plans, and cross-sections will continue to be provided on the following FTP site:

Index of /pub/txdot-info/Pre-Letting Responses/Houston District (state.tx.us) or

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

If fixed features require, the governing slopes shown may vary between the limits shown and to the extent determined by the Engineer.

Superelevate the curves to match the existing surface.

Notify the Engineer immediately if discrepancies are discovered in the horizontal control or the benchmark data.

The following standard detail sheets are modified:

**Modified Standards**

PLANTING AND ESTABLISHMENT (HOUSTION DISTRICT) (SHEET 3 OF 9)
PLANTING AND ESTABLISHMENT (HOUSTION DISTRICT) (SHEET 6 OF 9)
PLANTING AND ESTABLISHMENT (HOUSTION DISTRICT) (SHEET 7 OF 9)
PLANTING AND ESTABLISHMENT (HOUSTION DISTRICT) (SHEET 8 OF 9)

References to manufacturer's trade name or catalog numbers are for the purpose of identification only. Similar materials from other manufacturers are permitted if they are of equal quality, comply with the specifications for this project, and are approved, except for roadway illumination, electrical, and traffic signal items.

The cost for materials, labor, and incidentals to provide for traffic across the roadway and for ingress and egress to private property in accordance with Section 7.2.4 of the standard specifications is subsidiary to the various bid items. Restore access roadways to their original condition upon completing construction.

Grade street intersections and median openings for surface drainage.

If a foundation is to be placed where a riprap surface or an asphalt concrete surface presently exists, use caution in breaking out the existing surface for placement. Break out no greater area than is required to place the foundation. After placing the foundation, wrap the periphery with 0.5 in. pre-molded mastic expansion joint. Then replace the remaining portion of the broken out surface with Class A or Class C concrete or cold mix asphalt concrete to the exact slope, pattern, and thickness of the existing riprap or asphalt. Payment for breaking out the existing surface, wrapping the foundation, and replacing the surface is subsidiary to the various bid items.

The lengths of the posts for ground mounted signs and the tower legs for the overhead sign supports are approximate. Verify the lengths before ordering these materials to meet the existing field conditions and to conform to the minimum sign mounting heights shown in the plans.

Furnish aluminum Type A signs instead of plywood signs for signs shown on the Summary of Small Signs sheet.

Stencil the National Bridge Inventory (NBI) number on each existing bridge shown on these plans. The NBI number is shown above the title block for each bridge layout.

Clearly mark or highlight on the shop drawings, the items being furnished for this project. Submit required shop drawings in accordance with the shop drawing distribution list shown in the note for Item 5 for review and distribution.

Procure permits and licenses, which are to be issued by the City, County, or Municipal Utility District.

**General: Roadway Illumination and Electrical**

For roadway illumination and electrical items, use materials from pre-qualified producers as shown on the Construction Division (CST) of the Department's material producers list. Check the latest link on the Department's website for this list. The category/item is "Roadway Illumination and Electrical Supplies." No substitutions will be allowed for materials found on this list.

Perform electrical work in conformance with the National Electrical Code (NEC) and the Department's standard sheets.

**General: Traffic Signals**

For traffic signal items, use materials from the Pre-Qualified Producers List (located at http://www.dot.state.tx.us/GSD/purchasing/supps.htm) and the materials pre-qualified for illumination and electrical items (located at http://ftp.dot.state.tx.us/pub/txdot-info/cmd/mpl/riaes.pdf) as shown on the Department's Material Producers List and the Roadway

Illumination and Electrical Supplies List. Check the latest links on the Department's website for these lists. No substitutions will be allowed for materials found on these lists.

**General: Site Management**

Mow the grass and weeds within the project limits a maximum of 3 times a year as directed. This work is subsidiary to the various bid items.

Do not mix or store materials, or store or repair equipment, on top of concrete pavement or bridge decks unless authorized by the Engineer. Permission will be granted to store materials on surfaces if no damage or discoloration will result.

Personal vehicles of employees are not permitted to park within the right of way, including sections closed to public traffic. Employees may park on the right of way at the Contractor's office, equipment, and materials storage yard sites.

Assume ownership of debris and dispose of at an approved location. Do not dispose of debris on private property unless approved in writing by the District Engineer.

Control the dust caused by construction operations. For sweeping the base material in preparation for laying asphalt and for sweeping the finished concrete pavement, use one of the following types of sweepers or approved equal:

| **Tricycle Type** | **Truck Type - 4 Wheel** |
|---|---|
| Wayne Series 900 | M-B Cruiser II |
| Elgin White Wing | Wayne Model 945 |
| Elgin Pelican | Mobile TE-3 |
| | Mobile TE-4 |
| | Murphy 4042 |

**General: Traffic Control and Construction**

Schedule construction operations such that preparing individual items of work follows in close sequence to constructing storm drains in order to provide as little inconvenience as practical to the businesses and residents along the project.

This project requires extensive grading operations in an environmentally sensitive area.

If relocating mailboxes, place them with the post firmly in the ground at nearby locations. Upon completing the project, the Engineer will locate the final mailbox placement. Perform this work in accordance with the requirements of the Item, "Mailbox Assemblies," except for measurement and payment. This work is subsidiary to the various bid items.

If fences cross construction easements shown on the plans and work is required beyond the fences, remove and replace the fences as directed. This work and the materials are subsidiary to the various bid items.

When design details are not shown on the plans, provide signs and arrows conforming to the latest "Standard Highway Sign Designs for Texas" manual.

**General: Utilities**

Consider the locations of underground utilities depicted in the plans as approximate and employ responsible care to avoid damaging utility facilities. Depending upon scope and magnitude of planned construction activities, advanced field confirmation by the utility owner or operator may be prudent. Where possible, protect and preserve permanent signs, markers, and designations of underground facilities.

If the Contractor damages or causes damage (breaks, leaks, nicks, dents, gouges, etc.) to the utility, contact the utility facility owner or operator immediately.

At least 72 hours before starting work, make arrangements for locating existing Department-owned above ground and underground fiber optic, communications, power, illumination, and traffic signal cabling and conduit. Do this by calling the Department's Houston District Traffic Signal Operations Office at 713-802-5662, or by e-mailing the Department's Houston District Traffic Signal Operations Office at: HOU-LocateRequest@txdot.gov, to schedule marking of underground lines on the ground. Use caution if working in these areas to avoid damaging or interfering with existing facilities.

Notify the Engineer at least 48 hours before constructing junction boxes at storm drain and utility intersections.

Install or remove poles and luminaires located near overhead or underground electrical lines using established industry and utility safety practices. Consult the appropriate utility company before beginning such work.

If overhead or underground power lines need to be de-energized, contact the electrical service provider to perform this work. Costs associated with de-energizing the power lines or other protective measures required are at no expense to the Department.

If working near power lines, comply with the appropriate sections of Texas State Law and Federal Regulations relating to the type of work involved.

Perform electrical work in conformance with the National Electrical Code (NEC) and Department's standard sheets.

Before beginning any underground work, notify the City of Houston's Chief Inspector, Public Works and Engineering, to establish the locations of any existing electrical systems for lighting facilities within the limits of this project.

**Item 5: Control of Work**

Submit shop drawings electronically for the fabrication of items as documented in Table 1 below. Information and requirements for electronic submittals can be viewed in the "Guide to

Electronic Shop Drawing Submittal" which can be accessed through the following web link, ftp://ftp.dot.state.tx.us/pub/txdot-info/library/pubs/bus/bridge/e_submit_guide.pdf. References to 11 in. x 17 in. sheets in individual specifications for structural items imply electronic CAD sheets.

**Table 1**

**2014 Construction Specification Required Shop/Working Drawing Submittals - TxDOT Generated Plans**

| Spec Item No.'s | Product | Submittal Required | Approval Required (Y/N) | Contractor/ Fabricator P.E. Seal Required | Reviewing Party | Shop or Working Drawing (Note 1) |
|---|---|---|---|---|---|---|
| 7.16.1&.2 | Construction Load Analyses | Y | Y | Y | B | WD |
| 400 | Excavation and Backfill for Structures (cofferdams) | Y | N | Y | A | WD |
| 403 | Temporary Special Shoring | Y | N | Y | C | WD |
| 420 | Formwork/Falsework | Y | N | Y | A | WD |
| 423 | Retaining Walls, (calcs req'd.) | Y | Y | Y | C | SD |
| 425 | Optional Design Calculations (Prstrs Bms) | Y | Y | Y | B | SD |
| 425 | Prestr Concr Sheet Piling | Y | Y | N | B | SD |
| 425 | Prestr Concr Beams | Y | Y | N | B | SD |
| 425 | Prestr Concr Bent | Y | Y | N | B | SD |
| 426 | Post Tension Details | Y | Y | N | B | SD |
| 434 | Elastomeric Bearing Pads (All) | Y | Y | N | B | SD |
| 441 | Bridge Protective Assembly | Y | Y | N | B | SD |
| 441 | Misc Steel (various steel assemblies) | Y | Y | N | B | SD |
| 441 | Steel Pedestals (bridge raising) | Y | Y | N | B | SD |
| 441 | Steel Bearings | Y | Y | N | B | SD |
| 441 | Steel Bent | Y | Y | N | B | SD |
| 441 | Steel Diaphragms | Y | Y | N | B | SD |
| 441 | Steel Finger Joint | Y | Y | N | B | SD |
| 441 | Steel Plate Girder | Y | Y | N | B | SD |
| 441 | Steel Tub-Girders | Y | Y | N | B | SD |
| 441 | Erection Plans, including Falsework | Y | N | Y | A | WD |
| 449 | Sign Structure Anchor Bolts | Y | Y | N | T | SD |
| 450 | Railing | Y | Y | N | A | SD |
| 462 | Concrete Box Culvert | Y | Y | N | C | SD |
| 462 | Concrete Box Culvert (Alternate Designs Only,calcs reqd.) | Y | Y | Y | B | SD |
| 464 | Reinforced Concrete Pipe (Jack and Bore only; ONLY when requested) | Y | Y | Y | A | SD |
| 465 | Pre-cast Junction Boxes, Grates, and Inlets | Y | Y | N | A | SD |
| 465 | Pre-cast Junction Boxes, Grates, and Inlets (Alternate Designs Only, calcs req'd.) | Y | Y | Y | B | SD |
| 466 | Pre-cast Headwalls and Wingwalls | Y | Y | N | A | SD |
| 467 | Pre-cast Safety End Treatments | Y | Y | N | A | SD |
| 495 | Raising Existing Structure (calcs reqd.) | Y | Y | Y | B | SD |
| 610 | Roadway Illumination Supports (Non-Standard only, calcs reqd.) | Y | Y | Y | BRG | SD |
| 613 | High Mast Illumination Poles (Non-standard only, calcs reqd.) | Y | Y | Y | BRG | SD |

| | | | | | | |
|---|---|---|---|---|---|---|
| 627 | Treated Timber Poles | Y | Y | N | T | SD |
| 644 | Special Non-Standard Supports (Bridge Mounts, Barrier Mounts, Etc.) | Y | Y | Y | T | SD |
| 647 | Large Roadside Sign Supports | Y | Y | Y | T | SD |
| 650 | Cantilever Sign Structure Supports - Alternate Design Calcs. | Y | Y | Y | T | SD |
| 650 | Sign Structures | Y | Y | N | T | SD |
| 680 | Installation of Highway Traffic Signals | Y | Y | N | T | SD |
| 682 | Vehicle and Pedestrian Signal Heads | Y | Y | N | T | SD |
| 684 | Traffic Signal Cables | Y | Y | N | T | SD |
| 685 | Roadside Flashing Beacon Assemblies | Y | Y | N | T | SD |
| 686 | Traffic Signal Pole Assemblies (Steel) (Non-Standard only) | Y | Y | Y | T | SD |
| 687 | Pedestal Pole Assemblies | Y | Y | N | T | SD |
| 688 | Detectors | Y | Y | N | A | SD |
| 784 | Repairing Steel Bridge Members | Y | Y | Y | B | WD |
| SS | Prestr Concr Crown Span | Y | Y | N | B | SD |
| SS | Sound Barrier Walls | Y | Y | Y | A | SD |
| SS | Camera Poles | Y | Y | Y | TMS | SD |
| SS | Pedestrian Bridge (Calcs req'd.) | Y | Y | Y | B | SD |
| SS | Screw-In Type Anchor Foundations | Y | Y | N | T | SD |
| SS | Fiber Optic/Communication Cable | Y | Y | N | TMS | SD |
| SS | Spread Spectrum Radios for Signals | Y | Y | N | T | SD |
| SS | VIVDS System for Signals | Y | Y | N | T | SD |
| SS | CTMS Equipment | Y | Y | N | TMS | SD |

Notes:

1. Document flow for Working Drawings differs from Shop Drawings in that Working Drawings must be submitted to the Engineer rather than the Engineer of Record and they are for the information of the Engineer only; an approval stamp and distribution to all project offices is not required.

**Key to Reviewing Party**

A - Area Office

| Area Office | Email Address |
|---|---|
| Fort Bend Area Office | HOU-FBAShpDrwgs@txdot.gov |

C - Construction Office

| | |
|---|---|
| Construction | HOU-ConstrShpDrwgs@txdot.gov |
| Laboratory | HOU-LabShpDrwgs@txdot.gov |

When a precast or cast-in-place concrete element is included in the plans, a precast concrete alternate may be submitted in accordance with "Standard Operating Procedure for Alternate Precast Proposal Submission" found online at https://www.txdot.gov/inside-txdot/forms-publications/consultants-contractors/publications/bridge.html#design. Acceptance or denial of an alternate is at the sole discretion of the Engineer. Impacts to the project schedule and any additional costs resulting from the use of alternates are the sole responsibility of the Contractor.

**Item 7: Legal Relations and Responsibilities**

Do not initiate activities in a Project Specific Location (PSL), associated with a U.S. Army Corps of Engineers (USACE) permit area, that have not been previously evaluated by the USACE as part of the permit review of this project. Such activities include those pertaining to, 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 the waters of the U.S. or associated wetlands affected by activities associated with this project. Special restrictions may be required for such work. Assume responsibility for consultations with the USACE regarding activities, including PSLs that have not been previously evaluated by the USACE. Provide the Department with a copy of consultations or approvals from the USACE before initiating activities.

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 if 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 determinations that their activities do not affect a USACE permit area. Maintain copies of their determinations for review by the Department or any regulatory agency.

Document and coordinate with the USACE, if required, before hauling any excavation from or hauling any embankment to 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 Locations (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 the Item, “Excavation” is used for permanent or temporary fill (under the Item, “Embankment”) within a USACE permit area.
   b. Suitable embankment (under the Item, “Embankment”) from within the USACE permit area is used as fill within a USACE evaluated area.
   c. Unsuitable excavation or excess excavation, “Waste” (under the Item, “Excavation”), that is disposed of at a location approved within a USACE evaluated area.

2. **Contractor Materials from Areas Other than Previously Evaluated Areas.** Provide the Department with a copy of USACE coordination or approvals before 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. The Item, “Embankment” used for temporary or permanent fill within a USACE permit area.
   b. Unsuitable excavation or excess excavation, “Waste” (under the Item, “Excavation”), that is disposed of outside a USACE evaluated area.

The total area disturbed for this project is 19.87 acres. The disturbed area in this project, the project locations in the Contract, and 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 (to the appropriate MS4 operator when on an off-state system route) and to the local government that operates a separate storm drain system.

This project does not require a U.S. Army Corps of Engineers (USACE) Section 404 Permit before letting, but if a permit is needed during construction, assume responsibility for preparing the permit application. Submit the permit application to the Department's District Environmental Section for approval. Once the permit application is approved, the Department will submit it to the USACE. Assume responsibility for the requested revisions, in coordination with the Department's District Environmental Section.

Maintain the roadway slope stability. Maintaining slope stability is subsidiary to the various bid items.

The nesting / breeding season for migratory birds is February 15 through September 30.

Conduct any tree removal outside of the migratory bird nesting season. If this is not possible due to scheduling, then exercise caution to remove only those trees with no active nests. Do not destroy nests on structures or in trees within the project limits during the nesting / breeding season.

Take measures to prevent the building of nests on any structures or trees within the project limits throughout the duration of the construction if work / removal will be performed during the nesting / breeding season. This can be accomplished by application of bird repellent gel, netting by hand every 3 to 4 days, or any other non-threatening method approved by the Houston District Environmental Section. Obtain this approval well in advance of the planned use. Contact the Houston District Environmental Section at 713-802-5244. The cost of this work is subsidiary to the various bid items.

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

During the hurricane season (June 1 through November 30), do not close any travel lanes except when the Contractor can demonstrate that he/she can provide labor, equipment, material, a work plan, and quality of work to satisfactorily return all lanes to an open, all-weather travel surface within 3 days of receiving written or verbal notice but no later than 3 days before the predicted

hurricane landfall. Construction of temporary lanes to an all-weather surface will be paid for in accordance with Article 9.7, "Payment for Extra Work and Force Account Method."

In addition to lane closures, cease work 3 days before the predicted hurricane landfall on or near the roadway that adversely impacts the flow of traffic and reduces the capacity of the highway during an evacuation. Vehicles of the Contractor, subcontractors, or material suppliers will not be allowed to enter or exit the traffic stream, including those for the purpose of 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.

Roadway closures during the following key dates and special events are prohibited:

*January 1, 2024*
*February 27 -March 17, 2024 – Houston Livestock Show and Rodeo*

**Item 8: Prosecution and Progress**

The Department will not adjust the number of days for the project and milestones, if any, due to differences in opinion regarding any assumptions made in the preparation of the schedule or for errors, omissions, or discrepancies found in the time determination schedule.

Working days will be computed and charged based on a standard workweek in accordance with Section 8.3.1.4.

The Lane Closure Assessment Fee is $ 1,000. This fee applies to the Contractor for closures or obstructions that overlap into restricted hour traffic for each hour or portion thereof, per lane, regardless of the length of lane closure or obstruction. For Restricted Hours subject to Lane Assessment Fee refer to the Item, "Barricades, Signs, and Traffic Handling." The time increment for the Lane Closure Assessment fee for this project is one hour.

**Item 100: Preparing Right of Way**

Clean existing ditches under fill sections of undesirable materials including grass, muck, and trash. Perform this work in accordance with the Construction section of the Item, "Preparing Right of Way." This work is subsidiary to this bid Item.

The Item, "Preparing Right of Way" will be measured for payment only in those designated areas shown on the plans. Preparing right of way necessary to perform construction that is outside designated areas is subsidiary to this bid Item.

Remove abandoned utilities that are in conflict with the new utilities, at no expense to the Department.

Remove and assume ownership of the existing ground mounted signs within the limits of roadway construction unless otherwise noted or directed. This work is subsidiary to the Item, "Preparing Right of Way."

**Item 161: Compost**
**Item 162: Sodding for Erosion Control**
**Item 166: Fertilizer**
**Item 168: Vegetative Watering**

Refer to the "Fertilizer, Seed, Sod, Straw, Compost, and Water" plan sheet for material specifications, application rates, and for watering requirements.

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

Use a traffic control plan for handling traffic through the various phases of construction. Follow the phasing sequence unless otherwise agreed upon by the Area Engineer and the Project Manager. Ensure this plan conforms to the latest "Texas Manual on Uniform Traffic Control Devices" and the latest Barricade and Construction (BC) Standard Sheets.

Submit changes to the traffic control plan to the Area Engineer. Provide a layout showing the construction phasing, signs, striping, and signalizations for changes to the original traffic control plan.

Furnish and maintain the barricades and warning signs, including the necessary temporary and portable traffic control devices, during the various phases of construction. Place and construct these barricades and warning signs in accordance with the latest "Texas Manual on Uniform Traffic Control Devices" for typical construction layouts.

Cover work zone signs when work related to the signs is not in progress, or when any hazard related to the signs no longer exists.

Keep the delineation devices, signs, and pavement markings clean. This work is subsidiary to the Item, "Barricades, Signs, and Traffic Handling."

Before detouring traffic onto the mainlane shoulders, remove dirt, debris, vegetation, and other deleterious material from the surface of the shoulders. Appropriately sign the detour in an approved manner. This work is subsidiary to the various bid items.

Do not mount signs on drums or barricades, except those listed in the latest Barricades and Construction standard sheets.

Use traffic cones for daytime work only. Replace the cones with plastic drums during nighttime hours.

Place positive barriers to protect drop-off conditions greater than 2 ft. within the clear zone that remain overnight.

Do not reduce the existing number of lanes open to traffic except as shown on the following time schedule:

**One Lane Closure**

| Day | Daytime Closure Hours | Nighttime Closure Hours | Restricted Hours Subject to Lane Assessment Fee |
|---|---|---|---|
| Monday | 9:00 AM – 3:00 PM | N/A | 12:00 AM – 9:00 AM<br>3:00 PM – 11:59 PM |
| Tuesday | 9:00 AM – 3:00 PM | N/A | 12:00 AM – 9:00 AM<br>3:00 PM – 11:59 PM |
| Wednesday | 9:00 AM – 3:00 PM | N/A | 12:00 AM – 9:00 AM<br>3:00 PM – 11:59 PM |
| Thursday | 9:00 AM – 3:00 PM | N/A | 12:00 AM – 9:00 AM<br>3:00 PM – 11:59 PM |
| Friday | 9:00 AM – 3:00 PM | N/A | 12:00 AM – 9:00 AM<br>3:00 PM – 11:59 PM |
| Saturday | *N/A | N/A | 12:00 AM – 11:59 PM |
| Sunday | *N/A | N/A | 12:00 AM – 11:59 PM |

*** Require written approval by the Engineer**

The above times are approved for the traffic control conditions listed. The Area Engineer may approve other closure times if traffic counts warrant. The Area Engineer may reduce the above times for special events.

Law enforcement assistance will be required for this project and is expected to be required for major traffic control changes and lane closures. Coordinate with local law enforcement and arrange for law enforcement as directed or agreed by the Engineer. Before payment will be made, complete the "Daily Report on Law Enforcement Force Account Work" (Form 318), provided by the Department and submit daily invoices that agree with this form for any day during the month in which approved services were provided.

Provide full-time, off-duty, uniformed, certified peace officers, as part of traffic control operations. The peace officers must be able to show proof of certification by the Texas Commission on Law Enforcement Officers Standards. The cost of the officers is paid for on a force account basis.

Use Uneven Lane Signs (CW 8-11) during resurfacing operations for elevation differences between adjacent lanes of greater than 1 in.

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.

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

A Storm Water Pollution Prevention Plan (SWP3) is required. Since the disturbed area is more than 5 acres, a "Notice of Intent" (NOI) is also required.

Use appropriate measures to prevent, minimize, and control the spill of hazardous materials in the construction staging area. Remove and dispose of materials in compliance with State and Federal laws.

Before starting construction, review with the Engineer the SWP3 used for temporary erosion control as outlined on the plans. Before construction, place the temporary erosion and sedimentation control features as shown on the SWP3.

Schedule the seeding or sodding work as soon as possible. The project schedule provides for a vegetation management plan.

After completing earthwork operations, restore and reseed the disturbed areas in accordance with the Department's specifications for permanent or temporary erosion control.

Implement temporary and permanent erosion control measures to comply with the National Pollution Discharge Elimination System (NPDES) general permit under the Clean Water Act.

Before starting grading operations and during the project duration, place the temporary or permanent erosion control measures to prevent sediment from leaving the right of way.

**Item 556: Pipe Underdrains**

Do not use crushed blast furnace slag.

Lay the underdrain pipe on a slope to insure proper drainage.

Tie the underdrain pipe into the inlets as shown on the plans.

**Item 618: Conduit**
**Item 620: Electrical Conductors**
**Item 628: Electrical Services**

If the specifications for electrical items require UL-listed products, this means UL-listed or CSA-listed.

**Item 618: Conduit**

When backfilling bore pits, ensure that the conduit is not damaged during installation or due to settling backfill material. Compact select backfill in 3 equal lifts to the bottom of the conduit; or if using sand, place it 2 in. above the conduit. Ensure backfill density is equal to that of the existing soil. Prevent material from entering the conduit.

Construct bore pits a minimum of 5 ft. from the edge of the base or pavement. Close the bore pit holes overnight.

Unless otherwise shown on the plans, install underground conduit a minimum of 24 in. deep. Install the conduit in accordance with the latest National Electrical Code (NEC) and applicable Department standard sheets. Place conduit under driveways or roadways a minimum of 24 in. below the pavement surface.

If using casing to place bored conduit, the casing is subsidiary to the conduit.

**Item 620: Electrical Conductors**

Test each wire of each cable or conductor after installation. Incomplete circuits or damage to the wire or the cable are cause for immediate rejection of the entire cable being tested. Remove and replace the entire cable at no expense to the Department. Also test the replacement cable after installation.

When pulling cables or conductors through the conduit, do not exceed the manufacturer's recommended pulling tensions. Lubricate the cables or conductors with a lubricant recommended by the cable manufacturer.

For both transformer and shoe-base type illumination poles, provide double-pole breakaway fuse holders as shown on the Department's Construction Division (CST) material producers list. Check the latest link on the Department's website for this list. The category is "Roadway Illumination and Electrical Supplies." The fuse holder is shown on the list under Items 610 and 620. Provide 10 Amp time delay fuses.

Ensure that circuits test clear of faults, grounds, and open circuits.

Split bolt connectors are allowed only for splices on the grounding conductors.

For Roadside Flashing Beacon Assemblies (Item 685) and Pedestal Pole Assemblies (Item 687) within the project, provide single-pole breakaway disconnects as shown on the Construction Division (CST) material producers list. Check the latest link on the Department's website for this list. The category is "Roadway Illumination and Electrical Supplies." The fuse holder is shown on the list under Item 685. For underground (hot) conductors, install a breakaway connector with a dummy fuse (slug). Provide dummy fuse (slug). For grounded (neutral) conductors, install a breakaway connector with a white colored marking and a permanently installed dummy fuse (slug).

For electrical licensing and electrical certification requirements for this project, see Item 7 of the Standard Specifications and any applicable special provisions to Item 7.

**Item 624: Ground Boxes**

The ground box locations are approximate. Alternate ground box locations may be used as directed, to avoid placing in sidewalks or driveways.

Ground metal ground box covers. Bond the ground box cover and ground conductors to a ground rod located in the ground box and to the system ground.

During construction and until project completion, provide personnel and equipment necessary to remove ground box lids for inspection. Provide this assistance within 24 hours of notification.

**Item 628: Electrical Services**

Verify and coordinate the electrical service location with the engineering section of the appropriate utility district or company.

Identify the electrical service pole with an address number assigned by the Utility Service Provider. Provide 2-in. numerals visible from the highway. Provide numbers cut out aluminum figures nailed to wood poles or painted figures on steel poles or service cabinets.

**Item 6185: Truck Mounted Attenuator (TMA) and Trailer Attenuator (TA)**

A shadow vehicle with Truck Mounted Attenuators (TMAs) or Trailer Attenuators (TAs) is required as shown on the appropriate Traffic Control Plan (TCP) sheets. TMAs/TAs must meet the requirements of the Compliant Work Zone Traffic Control Device List.

Level 3 Compliant TMAs/TAs are required for this project.

A total of one (1) shadow vehicle with a TMA/TA is required for the work with the exception of Pavement Marking Operations. The Contractor is responsible for determining if one or more of these operations will be ongoing at the same time to determine the total number of TMAs/TAs needed on the project.

A total of three (3) shadow vehicles with a TMA/TA are required for Pavement Marking Operations. The Contractor is responsible for determining if one or more of these operations will be ongoing at the same time to determine the total number of TMAs/TAs needed on the project.

CONTROL : 1685-06-045, ETC
PROJECT : C 1685-6-45, ETC
HIGHWAY : SH 6, ETC
COUNTY : FORT BEND

TEXAS DEPARTMENT OF TRANSPORTATION

**GOVERNING SPECIFICATIONS AND SPECIAL PROVISIONS**

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

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

ITEMS 1 TO 9 INCL., GENERAL REQUIREMENTS AND COVENANTS
ITEM 100 PREPARING RIGHT OF WAY (103)
ITEM 160 TOPSOIL (168)
ITEM 161 COMPOST (160)
ITEM 162 SODDING FOR EROSION CONTROL (166)(168)
ITEM 166 FERTILIZER (520)
ITEM 168 VEGETATIVE WATERING
ITEM 170 IRRIGATION SYSTEM (402)(403)(618)(620)(622)(624)(628)
ITEM 192 LANDSCAPE PLANTING (161)(166)(168)
ITEM 193 LANDSCAPE ESTABLISHMENT (166)(192)
ITEM 500 MOBILIZATION
ITEM 502 BARRICADES, SIGNS, AND TRAFFIC HANDLING
ITEM 506 TEMPORARY EROSION, SEDIMENTATION, AND ENVIRONMENTAL CONTROLS (161)(432)(556)

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

SPECIAL LABOR PROVISIONS FOR STATE PROJECTS (000---008)
WAGE RATES
SPECIAL PROVISION "NONDISCRIMINATION" (000---002)
SPECIAL PROVISION "SMALL BUSINESS ENTERPRISE IN STATE FUNDED PROJECTS " (000---009)
SPECIAL PROVISION "CERTIFICATE OF INTERESTED PARTIES (FORM 1295)" (000--1019)
SPECIAL PROVISION "SCHEDULE OF LIQUIDATED DAMAGES" (000--1243)
SPECIAL PROVISION "NOTICE OF CONTRACTOR PERFORMANCE EVALUATIONS"

(000---659)

SPECIAL PROVISIONS TO ITEM 2 (002---011)(002---013)
SPECIAL PROVISIONS TO ITEM 3 (003---011)(003---013)
SPECIAL PROVISIONS TO ITEM 5 (005---002)(005---003)
SPECIAL PROVISIONS TO ITEM 6 (006---001)(006---012)
SPECIAL PROVISIONS TO ITEM 7 (007---004)(007---008)(007---010)
(007---011)
SPECIAL PROVISIONS TO ITEM 8 (008---030)(008---033)(008---045)
SPECIAL PROVISIONS TO ITEM 9 (009---010)(009---011)
SPECIAL PROVISION TO ITEM 192 (192---001)
SPECIAL PROVISION TO ITEM 502 (502---008)
SPECIAL PROVISION TO ITEM 506 (506---005)
SPECIAL PROVISION TO ITEM 520 (520---002)
SPECIAL PROVISION TO SPECIAL SPECIFICATION ITEM 6185 (6185--002)

SPECIAL SPECIFICATIONS:
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ITEM 1005 LOOSE AGGREGATE FOR GROUNDCOVER
ITEM 1006 LANDSCAPE SOIL AMENDMENT
ITEM 1022 LANDSCAPE TREATMENT
ITEM 6001 PORTABLE CHANGEABLE MESSAGE SIGN
ITEM 6185 TRUCK MOUNTED ATTENUATOR (TMA) AND TRAILER ATTENUATOR (TA)

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 SPECIFICATIONS FOR THIS PROJECT.

| | |
|---|---|
| **Control** | **1685-06-045, ETC.** |
| **Project** | **C 1685-6-45, ETC.** |
| **Highway** | **SH 6, ETC.** |
| **County** | **FORT BEND** |

## SMALL BUSINESS ENTERPRISE REQUIREMENTS

The following goal for small business enterprises is established:

| **SBE** |
|---|
| 0.0% |

# CHILD SUPPORT STATEMENT

**Under Section 231.006, Family Code, the vendor or applicant certifies that the individual or business entity named in this contract, bid, or application is not ineligible to receive the specified grant, loan, or payment and acknowledges that this contract may be terminated and payment may be withheld if this certification is inaccurate.**

# CONFLICT OF INTEREST CERTIFICATION

Pursuant to Texas Government Code Section 2261.252(b), the Department is prohibited from entering into contracts in which Department officers and employees have a financial interest.

By signing the Contract, the Contractor certifies that it is not prohibited from entering into a Contract with the Department as a result of a financial interest as defined under Texas Government Code Section 2261.252(b), and that it will exercise reasonable care and diligence to prevent any actions or conditions that could result in a conflict of interest with the Department.

The Contractor also certifies that none of the following individuals, nor any of their family members within the second degree of affinity or consanguinity, owns 1% or more interest or has a financial interest as defined under Texas Government Code Section 2261.252(b) in the Contractor:

- Any member of the Texas Transportation Commission; and
- The Department's Executive Director, General Counsel, Chief of Procurement and Field Support Operations, Director of Procurement, and Director of Contract Services.

Violation of this certification may result in action by the Department.

# E-VERIFY CERTIFICATION

Pursuant to Texas Transportation Code §223.051, all TxDOT contracts for construction, maintenance, or improvement of a highway must include a provision requiring Contractors and subcontractors to use the U.S. Department of Homeland Security's E-Verify system to determine employment eligibility. By signing the contract, the Contractor certifies that prior to the award of the Contract:

- the Contractor has registered with and will, to the extent permitted by law, utilize the United States Department of Homeland Security's E-Verify system during the term of the Contract to determine the eligibility of all persons hired to perform duties within Texas during the term of the agreement; and
- the Contractor will require that all subcontractors also register with and, to the extent permitted by law, utilize the United States Department of Homeland Security's E-Verify system during the term of the subcontract to determine the eligibility of all persons hired to perform duties within Texas during the term of the agreement.

Violation of this requirement constitutes a material breach of the Contract, subjects a subcontractor to removal from the Contract, and subjects the Contractor or subcontractors to possible sanctions in accordance with Title 43, Texas Administrative Code, Chapter 10, Subchapter F, "Sanctions and Suspension for Ethical Violations by Entities Doing Business with the Department."

# Certification Regarding Disclosure of Public Information

Pursuant to Subchapter J, Chapter 552, Texas Government Code, contractors executing a contract with a governmental body that results in the expenditure of at least $1 million in public funds must:

1) preserve all contracting information* as provided by the records retention requirements applicable to Texas Department of Transportation (TxDOT) for the duration of the contract,
2) on request of TxDOT, promptly provide any contracting information related to the contract that is in the custody or possession of the entity, and
3) on completion of the contract, either:
    A. provide, at no cost to TxDOT, all contracting information related to the contract that is in the custody or possession of the entity, or
    B. preserve the contracting information related to the contract as provided by the records retention requirements applicable to TxDOT

The requirements of Subchapter J, Chapter 552, Government Code, may apply to this contract, and the contractor or vendor agrees that the contract can be terminated if the contractor or vendor knowingly or intentionally fails to comply with a requirement of that subchapter.

By entering into Contract, the Contractor agrees to:

- provide, or make available, to TxDOT and any authorized governmental investigating or auditing agency all records, including electronic and payment records related to the contract, for the same period provided by the records retention schedule applicable to TxDOT, and
- ensure that all subcontracts include a clause requiring the same.

* As defined in Government Code §552.003, "Contracting information" means the following information maintained by a governmental body or sent between a governmental body and a vendor, contractor, potential vendor, or potential contractor:

1) information in a voucher or contract relating to the receipt or expenditure of public funds by a governmental body;
2) solicitation or bid documents relating to a contract with a governmental body;
3) communications sent between a governmental body and a vendor, contractor, potential vendor, or potential contractor during the solicitation, evaluation, or negotiation of a contract;
4) documents, including bid tabulations, showing the criteria by which a governmental body evaluates each vendor, contractor, potential vendor, or potential contractor responding to a solicitation and, if applicable, an explanation of why the vendor or contractor was selected; and
5) communications and other information sent between a governmental body and a vendor or contractor related to the performance of a final contract with the governmental body or work performed on behalf of the governmental body.

# CERTIFICATION TO NOT BOYCOTT ISRAEL

Pursuant to Texas Government Code §2271.002, the Department must include a provision requiring a written verification affirming that the Contractor does not boycott Israel, as defined in Government Code §808.001, and will not boycott Israel during the term of the contract. This provision applies to a contract that:

1) is with a Contractor that is not a sole proprietorship,
2) is with a Contractor with 10 or more full-time employees, and
3) has a value of $100,000 or more.

By signing the contract, the Contractor certifies that it does not boycott Israel and will not boycott Israel during the term of this contract. “Boycott” means refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations specifically with Israel, or with a person or entity doing business in Israel or in an Israeli-controlled territory, but does not include an action made for ordinary business purposes.

Violation of this certification may result in action by the Department.

# CERTIFICATION TO NOT BOYCOTT ENERGY COMPANIES

Pursuant to Texas Government Code §2274.002, the Department must include a provision requiring a written verification affirming that the Contractor does not boycott energy companies, as defined in Government Code §809.001, and will not boycott energy companies during the term of the contract. This provision applies to a contract that:

1) is with a Contractor that is not a sole proprietorship,
2) is with a Contractor with 10 or more full-time employees, and
3) has a value of $100,000 or more.

By signing the contract, the Contractor certifies that it does not boycott energy companies and will not boycott energy companies during the term of this contract. “Boycott” means taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations with a company because the company: (1) engages in the exploration, production, utilization, transportation, sale, or manufacturing of fossil fuel-based energy and does not commit or pledge to meet environmental standards beyond applicable federal and state law; or (2) does business with a company described by (1).

Violation of this certification may result in action by the Department.

# CERTIFICATION TO NOT DISCRIMINATE AGAINST FIREARM ENTITIES OR FIREARM TRADE ASSOCIATIONS

Pursuant to Texas Government Code §2274.002, the Department must include a provision requiring a written verification affirming that the Contractor:

1) does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association, as defined in Government Code §2274.001, and
2) will not discriminate against a firearm entity or firearm trade association during the term of the contract.

This provision applies to a contract that:

1) is with a Contractor that is not a sole proprietorship,
2) is with a Contractor with 10 or more full-time employees, and
3) has a value of $100,000 or more.

By signing the contract, the Contractor certifies that it does not discriminate against a firearm entity or firearm trade association as described and will not do so during the term of this contract. "Discriminate against a firearm entity or firearm trade association" means, with respect to the entity or association, to: (1) refuse to engage in the trade of any goods or services with the entity or association based solely on its status as a firearm entity or firearm trade association; (2) refrain from continuing an existing business relationship with the entity or association based solely on its status as a firearm entity or firearm trade association; or (3) terminate an existing business relationship with the entity or association based solely on its status as a firearm entity or firearm trade association. "Discriminate against a firearm entity or firearm trade association" does not include: (1) the established policies of a merchant, retail seller, or platform that restrict or prohibit the listing or selling of ammunition, firearms, or firearm accessories; (2) a company's refusal to engage in the trade of any goods or services, decision to refrain from continuing an existing business relationship, or decision to terminate an existing business relationship to comply with federal, state, or local law, policy, or regulations or a directive by a regulatory agency, or for any traditional business reason that is specific to the customer or potential customer and not based solely on an entity 's or association's status as a firearm entity or firearm trade association.

Violation of this certification may result in action by the Department.

# PROHIBITION ON CERTAIN TELECOMMUNICATIONS EQUIPMENT OR SERVICES

The Federal Register Notice issued the Final Rule and states that the amendment to 2 CFR 200.216 is effective on August 13, 2020. The new 2 CFR 200.471 regulation provides clarity that the telecommunications and video surveillance costs associated with 2 CFR 200.216 are unallowable for services and equipment from these specific providers. OMB's Federal Register Notice includes the new 2 CFR 200.216 and 2 CFR 200.471 regulations.

https://www.federalregister.gov/documents/2020/08/13/2020-17468/guidance-for-grants-and-agreements

Per the Federal Law referenced above, use of services, systems, or services or systems that contain components produced by any of the following manufacturers is strictly prohibited for use on this project. Therefore, for any telecommunications, CCTV, or video surveillance equipment, services or systems cannot be manufactured by, or have components manufactured by:

- Huawei Technologies Company,
- ZTE Corporation (any subsidiary and affiliate of such entities),
- Hyatera Communications Corporation,
- Hangzhou Hikvision Digital Technology Company,
- Dahua Technology Company (any subsidiary and affiliate of such entities).

Violation of this prohibition will require replacement of the equipment at the contractor's expense.

# Special Provision to Item 000
# Special Labor Provisions for State Projects

## 1. GENERAL

This is a "Public Works" Project, as provided under Government Code Title 10, Chapter 2258, "Prevailing Wage Rates," and is subject to the provisions of the Statute. No provisions in the Contract are intended to be in conflict with the provisions of the Statute.

The Texas Transportation Commission has ascertained and indicated in the special provisions the regular rate of per diem wages prevailing in each locality for each craft or type of worker. Apply the wage rates contained in the specifications as minimum wage rates for the Contract.

## 2. MINIMUM WAGES, HOURS AND CONDITIONS OF EMPLOYMENT

All workers necessary for the satisfactory completion of the work are within the purview of the Contract.

Whenever and wherever practical, give local citizens preference in the selection of labor.

Do not require any worker to lodge, board or trade at a particular place, or with a particular person as a condition of employment.

Do not charge or accept a fee of any from any person who obtains work on the project. Do not require any person who obtains work on the project to pay any fee to any other person or agency obtaining employment for the person on the project.

Do not charge for tools or equipment used in connection with the duties performed, except for loss or damage of property. Do not charge for necessary camp water.

Do not charge for any transportation furnished to any person employed on the project.

The provisions apply where work is performed by piece work, station work, etc. The minimum wage paid will be exclusive of equipment rental on any shipment which the worker or subcontractor may furnish in connection with his work.

Take responsibility for carrying out the requirements of this specification and ensure that each subcontractor working on the project complies with its provisions.

Any form of subterfuge, coercion or deduction designated to evade, reduce or discount the established minimum wage scales will be considered a violation of the Contract.

The Fair Labor Standards Acts (FLSA) established one and one-half (1-1/2) pay for overtime in excess of 40 hours worked in 1 week. Do not consider time consumed by the worker in going to and returning from the place of work as part of the hours of work. Do not require or permit any worker to work in excess of 40 hours in 1 week, unless the worker receives compensation at a rate not less than 1-1/2 times the basic rate of pay for all hours worked in excess of 40 hours in the workweek.

The general rates of per diem wages prevailing in this locality for each class and type of workers whose services are considered necessary to fulfill the Contract are indicated in the special provisions, and these rates govern as minimum wage rates on this Contract. A penalty of $60.00 per calendar day or portion of a calendar day for each worker that is paid less than the stipulated general rates of per diem wages for any work done under the Contract will be deducted. The Department, upon receipt of a complaint by a worker,

will determine within 30 days whether good cause exists to believe that the Contractor or a subcontractor has violated wage rate requirements and notify the parties involved of the findings. Make every effort to resolve the alleged violation within 14 days after notification. The next alternative is submittal to binding arbitration in accordance with the provisions of the Texas General Arbitration Act (Art. 224 et seq., Revised Statutes).

Notwithstanding any other provision of the Contract, covenant and agree that the Contractor and its subcontractors will pay each of their employees and contract labor engaged in any way in work under the Contract, a wage not less than what is generally known as the “federal minimum wage” as set out in 29 U.S.C. 206 as that Statute may be amended from time to time.

Pay any worker employed whose position is not listed in the Contract, a wage not less than the per diem wage rate established in the Contract for a worker whose duties are most nearly comparable.

## 3. RECORD AND INSPECTIONS

Keep copies of weekly payrolls for review. Require subcontractors to keep copies of weekly payrolls for review. Show the name, occupation, number of hours worked each day and per diem wage paid each worker together with a complete record of all deductions made from such wages. Keep records for a period of 3 years from the date of completion of the Contract.

Where the piece-work method is used, indicate on the payroll for each person involved:

- Quantity of piece work performed.
- Price paid per piece-work unit.
- Total hours employed.

The Engineer may require the Contractor to file an affidavit for each payroll certifying that payroll is a true and accurate report of the full wages due and paid to each person employed.

Post or make available to employees the prevailing wage rates from the Contract. Require subcontractors to post or make available to employees the prevailing wage rates from the Contract.

The wage rates listed herein are those predetermined by the Secretary of Labor and State Statue and listed in the United States Department of Labor's (USDOL) General Decisions dated **01-06-2023** and are the minimum wages to be paid accordingly for each specified classification. To determine the applicable wage rate zone, a list entitled "TEXAS COUNTIES IDENTIFIED BY WAGE RATE ZONES" is provided in the contract. Any wage rate that is not listed herein and not in the USDOL's general decision, must be submitted to the Engineer for approval. IMPORTANT NOTICE FOR STATE PROJECTS: only the controlling wage rate zone applies to the contract. Effective 01-06-2023.

| CLASS. # | CLASSIFICATION DESCRIPTION | ZONE TX02 *(TX20230002) | ZONE TX03 *(TX20230003) | ZONE TX04 *(TX20230004) | ZONE TX05 *(TX20230005) | ZONE TX06 *(TX20230006) | ZONE TX07 *(TX20230007) | ZONE TX08 *(TX20230008) | ZONE TX24 *(TX20230024) | ZONE TX25 *(TX20230025) | ZONE TX27 *(TX20230027) | ZONE TX28 *(TX20230028) | ZONE TX29 *(TX20230029) | ZONE TX30 *(TX20230030) | ZONE TX37 *(TX20230037) | ZONE TX38 *(TX20230038) | ZONE TX42 *(TX20230042) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1428 | Agricultural Tractor Operator | | | | | | $12.69 | | | | | $12.35 | | | $11.75 | | |
| 1300 | Asphalt Distributor Operator | $14.87 | $13.48 | $13.88 | $15.72 | $15.58 | $15.55 | $15.72 | $13.28 | $15.32 | $15.62 | $14.36 | $14.25 | $14.03 | $13.75 | $14.06 | $14.40 |
| 1303 | Asphalt Paving Machine Operator | $13.40 | $12.25 | $12.35 | $13.87 | $14.05 | $14.36 | $14.20 | $13.26 | $13.99 | $14.68 | $12.92 | $13.44 | $12.53 | $14.00 | $14.32 | $12.99 |
| 1106 | Asphalt Raker | $12.28 | $10.61 | $12.02 | $14.21 | $11.65 | $12.12 | $11.64 | $11.44 | $12.69 | $12.05 | $11.34 | $11.67 | $11.40 | $12.59 | $12.36 | $11.78 |
| 1112 | Batching Plant Operator, Asphalt | | | | | | | | | | | | | | | | |
| 1115 | Batching Plant Operator, Concrete | | | | | | | | | | | | | | | | |
| 1214 | Blaster | | | | | | | | | | | | | | | | |
| 1615 | Boom Truck Operator | | | | | | $18.36 | | | | | | | | | | |
| 1444 | Boring Machine Operator | | | | | | | | | | | | | | | | |
| 1305 | Broom or Sweeper Operator | $11.21 | $10.33 | $10.08 | $11.99 | | $11.04 | $11.62 | | $11.74 | $11.41 | $10.30 | | $10.23 | $10.60 | $12.68 | $11.05 |
| 1144 | Communications Cable Installer | | | | | | | | | | | | | | | | |
| 1124 | Concrete Finisher, Paving and Structures | $13.55 | $12.46 | $13.16 | $12.85 | $12.64 | $12.56 | $12.77 | $12.44 | $14.12 | $13.04 | $13.38 | $12.64 | $12.80 | $12.79 | $12.98 | $13.32 |
| 1318 | Concrete Pavement Finishing Machine Operator | | | | $16.05 | | $15.48 | | | $16.05 | | $19.31 | | | | $13.07 | |
| 1315 | Concrete Paving, Curing, Float, Texturing Machine Operator | | | | | | | | | | | $16.34 | | | | $11.71 | |
| 1333 | Concrete Saw Operator | | | | $14.67 | | | | | $14.48 | $17.33 | | | | | $13.99 | |
| 1399 | Concrete/Gunite Pump Operator | | | | | | | | | | | | | | | | |
| 1344 | Crane Operator, Hydraulic 80 tons or less | | | | $18.22 | | $18.36 | | | $18.12 | $18.04 | $20.21 | | | $18.63 | $13.86 | |
| 1345 | Crane Operator, Hydraulic Over 80 Tons | | | | | | | | | | | | | | | | |
| 1342 | Crane Operator, Lattice Boom 80 Tons or Less | $16.82 | $14.39 | $13.85 | $17.27 | | $15.87 | | | $17.27 | | $14.67 | | | $16.42 | $14.97 | $13.87 |
| 1343 | Crane Operator, Lattice Boom Over 80 Tons | | | | $20.52 | | $19.38 | | | $20.52 | | $17.49 | | | $25.13 | $15.80 | |
| 1306 | Crawler Tractor Operator | $13.96 | $16.63 | $13.62 | $14.26 | | $15.67 | | | $14.07 | $13.15 | $13.38 | | | $14.60 | $13.68 | $13.50 |
| 1351 | Crusher or Screen Plant Operator | | | | | | | | | | | | | | | | |
| 1446 | Directional Drilling Locator | | | | | | $11.67 | | | | | | | | | | |
| 1445 | Directional Drilling Operator | | | | $20.32 | | $17.24 | | | | | | | | | | |
| 1139 | Electrician | $20.96 | | $19.87 | $19.80 | | $26.35 | | $20.27 | $19.80 | | $20.92 | | | | $27.11 | $19.87 |
| 1347 | Excavator Operator, 50,000 pounds or less | $13.46 | $12.56 | $13.67 | $17.19 | | $12.88 | $14.38 | $13.49 | $17.19 | | $13.88 | | | $14.09 | $12.71 | $14.42 |
| 1348 | Excavator Operator, Over 50,000 pounds | | $15.23 | $13.52 | $17.04 | | $17.71 | | | $16.99 | $18.80 | $16.22 | | | | $14.53 | $13.52 |
| 1150 | Flagger | $9.30 | $9.10 | $8.50 | $10.28 | $8.81 | $9.45 | $8.70 | | $10.06 | $9.71 | $9.03 | $8.81 | $9.08 | $9.90 | $10.33 | $8.10 |
| 1151 | Form Builder/Setter, Structures | $13.52 | $12.30 | $13.38 | $12.91 | $12.71 | $12.87 | $12.38 | $12.26 | $13.84 | $12.98 | $13.07 | $13.61 | $12.82 | $14.73 | $12.23 | $12.25 |
| 1160 | Form Setter, Paving & Curb | $12.36 | $12.16 | $13.93 | $11.83 | $10.71 | $12.94 | | | $13.16 | $12.54 | $11.33 | $10.69 | | $13.33 | $12.34 | $13.93 |
| 1360 | Foundation Drill Operator, Crawler Mounted | | | | $17.99 | | | | | $17.99 | | | | | | $17.43 | |
| 1363 | Foundation Drill Operator, Truck Mounted | | $16.86 | $22.05 | $21.51 | | $16.93 | | | $21.07 | $20.20 | $20.76 | | $17.54 | $21.39 | $15.89 | $22.05 |
| 1369 | Front End Loader Operator, 3 CY or Less | $12.28 | $13.49 | $13.40 | $13.85 | | $13.04 | $13.15 | $13.29 | $13.69 | $12.64 | $12.89 | | | $13.51 | $13.32 | $12.17 |
| 1372 | Front End Loader Operator, Over 3 CY | $12.77 | $13.69 | $12.33 | $14.96 | | $13.21 | $12.86 | $13.57 | $14.72 | $13.75 | $12.32 | | | $13.19 | $13.17 | $13.02 |
| 1329 | Joint Sealer | | | | | | | | | | | | | | | | |
| 1172 | Laborer, Common | $10.30 | $9.86 | $10.08 | $10.51 | $10.71 | $10.50 | $10.24 | $10.58 | $10.72 | $10.45 | $10.30 | $10.25 | $10.03 | $10.54 | $11.02 | $10.15 |
| 1175 | Laborer, Utility | $11.80 | $11.53 | $12.70 | $12.17 | $11.81 | $12.27 | $12.11 | $11.33 | $12.32 | $11.80 | $11.53 | $11.23 | $11.50 | $11.95 | $11.73 | $12.37 |
| 1346 | Loader/Backhoe Operator | $14.18 | $12.77 | $12.97 | $15.68 | | $14.12 | | | $15.18 | $13.58 | $12.87 | | $13.21 | $14.13 | $14.29 | $12.90 |
| 1187 | Mechanic | $20.14 | $15.47 | $17.47 | $17.74 | $17.00 | $17.10 | | | $17.68 | $18.94 | $18.58 | $17.00 | $16.61 | $18.46 | $16.96 | $17.47 |
| 1380 | Milling Machine Operator | $15.54 | $14.64 | $12.22 | $14.29 | | $14.18 | | | $14.32 | $14.35 | $12.86 | | | $14.75 | $13.53 | $12.80 |

| CLASS. # | CLASSIFICATION DESCRIPTION | ZONE TX02 *(TX20230002) | ZONE TX03 *(TX20230003) | ZONE TX04 *(TX20230004) | ZONE TX05 *(TX20230005) | ZONE TX06 *(TX20230006) | ZONE TX07 *(TX20230007) | ZONE TX08 *(TX20230008) | ZONE TX24 *(TX20230024) | ZONE TX25 *(TX20230025) | ZONE TX27 *(TX20230027) | ZONE TX28 *(TX20230028) | ZONE TX29 *(TX20230029) | ZONE TX30 *(TX20230030) | ZONE TX37 *(TX20230037) | ZONE TX38 *(TX20230038) | ZONE TX42 *(TX20230042) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1390 | Motor Grader Operator, Fine Grade | $17.49 | $16.52 | $16.88 | $17.12 | $18.37 | $18.51 | $16.69 | $16.13 | $17.19 | $18.35 | $17.07 | $17.74 | $17.47 | $17.08 | $15.69 | $20.01 |
| 1393 | Motor Grader Operator, Rough | $16.15 | $14.62 | $15.83 | $16.20 | $17.07 | $14.63 | $18.50 | | $16.02 | $16.44 | $15.12 | $16.85 | $14.47 | $17.39 | $14.23 | $15.53 |
| 1413 | Off Road Hauler | | | $10.08 | $12.26 | | $11.88 | | | $12.25 | | $12.23 | | | $13.00 | $14.60 | |
| 1196 | Painter, Structures | | | | | $21.29 | $18.34 | | | | | | $21.29 | | | $18.62 | |
| 1396 | Pavement Marking Machine Operator | $16.42 | | $13.10 | $13.55 | | $19.17 | $12.01 | | $13.63 | $14.60 | $13.17 | | $16.65 | $10.54 | $11.18 | $13.10 |
| 1443 | Percussion or Rotary Drill Operator | | | | | | | | | | | | | | | | |
| 1202 | Piledriver | | | | | | | | | | | | | | | $14.95 | |
| 1205 | Pipelayer | | $11.87 | $14.64 | $13.17 | $11.17 | $12.79 | | $11.37 | $13.24 | $12.66 | $13.24 | $11.17 | $11.67 | | $12.12 | $14.64 |
| 1384 | Reclaimer/Pulverizer Operator | $12.85 | | | $11.90 | | $12.88 | | | $11.01 | | $10.46 | | | | | |
| 1500 | Reinforcing Steel Worker | $13.50 | $14.07 | $17.53 | $16.17 | | $14.00 | | | $16.18 | $12.74 | $15.83 | | $17.10 | | $15.15 | $17.72 |
| 1402 | Roller Operator, Asphalt | $10.95 | | $11.96 | $13.29 | | $12.78 | $11.61 | | $13.08 | $12.36 | $11.68 | | | $11.71 | $11.95 | $11.50 |
| 1405 | Roller Operator, Other | $10.36 | | $10.44 | $11.82 | | $10.50 | $11.64 | | $11.51 | $10.59 | $10.30 | | $12.04 | $12.85 | $11.57 | $10.66 |
| 1411 | Scraper Operator | $10.61 | $11.07 | $10.85 | $12.88 | | $12.27 | | $11.12 | $12.96 | $11.88 | $12.43 | | $11.22 | $13.95 | $13.47 | $10.89 |
| 1417 | Self-Propelled Hammer Operator | | | | | | | | | | | | | | | | |
| 1194 | Servicer | $13.98 | $12.34 | $14.11 | $14.74 | | $14.51 | $15.56 | $13.44 | $14.58 | $14.31 | $13.83 | | $12.43 | $13.72 | $13.97 | $14.11 |
| 1513 | Sign Erector | | | | | | | | | | | | | | | | |
| 1708 | Slurry Seal or Micro-Surfacing Machine Operator | | | | | | | | | | | | | | | | |
| 1341 | Small Slipform Machine Operator | | | | | | | | | $15.96 | | | | | | | |
| 1515 | Spreader Box Operator | $12.60 | | $13.12 | $14.71 | | $14.04 | | | $14.73 | $13.84 | $13.68 | | $13.45 | $11.83 | $13.58 | $14.05 |
| 1705 | Structural Steel Welder | | | | | | | | | | | | | | | $12.85 | |
| 1509 | Structural Steel Worker | | | | | | $19.29 | | | | | | | | | $14.39 | |
| 1339 | Subgrade Trimmer | | | | | | | | | | | | | | | | |
| 1143 | Telecommunication Technician | | | | | | | | | | | | | | | | |
| 1145 | Traffic Signal/Light Pole Worker | | | | | | $16.00 | | | | | | | | | | |
| 1440 | Trenching Machine Operator, Heavy | | | | | | $18.48 | | | | | | | | | | |
| 1437 | Trenching Machine Operator, Light | | | | | | | | | | | | | | | | |
| 1609 | Truck Driver Lowboy-Float | $14.46 | $13.63 | $13.41 | $15.00 | $15.93 | $15.66 | | | $16.24 | $16.39 | $14.30 | $16.62 | $15.63 | $14.28 | $16.03 | $13.41 |
| 1612 | Truck Driver Transit-Mix | | | | $14.14 | | | | | $14.14 | | | | | | | |
| 1600 | Truck Driver, Single Axle | $12.74 | $10.82 | $10.75 | $13.04 | $11.61 | $11.79 | $13.53 | $13.16 | $12.31 | $13.40 | $10.30 | $11.61 | | $11.97 | $11.46 | $10.75 |
| 1606 | Truck Driver, Single or Tandem Axle Dump Truck | $11.33 | $14.53 | $11.95 | $12.95 | | $11.68 | | $14.06 | $12.62 | $11.45 | $12.28 | | $13.08 | $11.68 | $11.48 | $11.10 |
| 1607 | Truck Driver, Tandem Axle Tractor with Semi Trailer | $12.49 | $12.12 | $12.50 | $13.42 | | $12.81 | $13.16 | | $12.86 | $16.22 | $12.50 | | | $13.80 | $12.27 | $12.50 |
| 1441 | Tunneling Machine Operator, Heavy | | | | | | | | | | | | | | | | |
| 1442 | Tunneling Machine Operator, Light | | | | | | | | | | | | | | | | |
| 1706 | Welder | | $14.02 | | $14.86 | | $15.97 | | $13.74 | $14.84 | | | | | $13.78 | | |
| 1520 | Work Zone Barricade Servicer | $10.30 | $12.88 | $11.46 | $11.70 | $11.57 | $11.85 | $10.77 | | $11.68 | $12.20 | $11.22 | $11.51 | $12.96 | $10.54 | $11.67 | $11.76 |

Notes:

*Represents the USDOL wage decision.

Any worker employed on this project shall be paid at the rate of one and one half (1-1/2) times the regular rate for every hour worked in excess of forty (40) hours per week.

For reference, the titles and descriptions for the classifications listed here are detailed further in the AGC of Texas' *Standard Job Classifications and Descriptions for Highway, Heavy, Utilities, and Industrial Construction in Texas* posted on the AGC's Web site for any contractor.

# TEXAS COUNTIES IDENTIFIED BY
# WAGE RATE ZONES: 2, 3, 4, 5, 6, 7, 8, 24, 25, 27, 28, 29, 30, 37, 38, 42

| County Name | Zone | County Name | Zone | County Name | Zone | County Name | Zone |
|---|---|---|---|---|---|---|---|
| Anderson | 28 | Donley | 37 | Karnes | 27 | Reagan | 37 |
| Andrews | 37 | Duval | 30 | Kaufman | 25 | Real | 37 |
| Angelina | 28 | Eastland | 37 | Kendall | 7 | Red River | 28 |
| Aransas | 29 | Ector | 2 | Kenedy | 30 | Reeves | 8 |
| Archer | 25 | Edwards | 8 | Kent | 37 | Refugio | 27 |
| Armstrong | 2 | El Paso | 24 | Kerr | 27 | Roberts | 37 |
| Atascosa | 7 | Ellis | 25 | Kimble | 37 | Robertson | 7 |
| Austin | 38 | Erath | 28 | King | 37 | Rockwall | 25 |
| Bailey | 37 | Falls | 28 | Kinney | 8 | Runnels | 37 |
| Bandera | 7 | Fannin | 28 | Kleberg | 27 | Rusk | 4 |
| Bastrop | 7 | Fayette | 27 | Knox | 37 | Sabine | 28 |
| Baylor | 37 | Fisher | 37 | Lamar | 28 | San Augustine | 28 |
| Bee | 27 | Floyd | 37 | Lamb | 37 | San Jacinto | 38 |
| Bell | 7 | Foard | 37 | Lampasas | 7 | San Patricio | 29 |
| Bexar | 7 | Fort Bend | 38 | LaSalle | 30 | San Saba | 37 |
| Blanco | 27 | Franklin | 28 | Lavaca | 27 | Schleicher | 37 |
| Borden | 37 | Freestone | 28 | Lee | 27 | Scurry | 37 |
| Bosque | 28 | Frio | 27 | Leon | 28 | Shackelford | 37 |
| Bowie | 4 | Gaines | 37 | Liberty | 38 | Shelby | 28 |
| Brazoria | 38 | Galveston | 38 | Limestone | 28 | Sherman | 37 |
| Brazos | 7 | Garza | 37 | Lipscomb | 37 | Smith | 4 |
| Brewster | 8 | Gillespie | 27 | Live Oak | 27 | Somervell | 28 |
| Briscoe | 37 | Glasscock | 37 | Llano | 27 | Starr | 30 |
| Brooks | 30 | Goliad | 29 | Loving | 37 | Stephens | 37 |
| Brown | 37 | Gonzales | 27 | Lubbock | 2 | Sterling | 37 |
| Burleson | 7 | Gray | 37 | Lynn | 37 | Stonewall | 37 |
| Burnet | 27 | Grayson | 25 | Madison | 28 | Sutton | 8 |
| Caldwell | 7 | Gregg | 4 | Marion | 28 | Swisher | 37 |
| Calhoun | 29 | Grimes | 28 | Martin | 37 | Tarrant | 25 |
| Callahan | 25 | Guadalupe | 7 | Mason | 27 | Taylor | 2 |
| Cameron | 3 | Hale | 37 | Matagorda | 27 | Terrell | 8 |
| Camp | 28 | Hall | 37 | Maverick | 30 | Terry | 37 |
| Carson | 2 | Hamilton | 28 | McCulloch | 37 | Throckmorton | 37 |
| Cass | 28 | Hansford | 37 | McLennan | 7 | Titus | 28 |
| Castro | 37 | Hardeman | 37 | McMullen | 30 | Tom Green | 2 |
| Chambers | 38 | Hardin | 38 | Medina | 7 | Travis | 7 |
| Cherokee | 28 | Harris | 38 | Menard | 37 | Trinity | 28 |
| Childress | 37 | Harrison | 42 | Midland | 2 | Tyler | 28 |
| Clay | 25 | Hartley | 37 | Milam | 28 | Upshur | 4 |
| Cochran | 37 | Haskell | 37 | Mills | 37 | Upton | 37 |
| Coke | 37 | Hays | 7 | Mitchell | 37 | Uvalde | 30 |
| Coleman | 37 | Hemphill | 37 | Montague | 37 | Val Verde | 8 |
| Collin | 25 | Henderson | 28 | Montgomery | 38 | Van Zandt | 28 |
| Collingsworth | 37 | Hidalgo | 3 | Moore | 37 | Victoria | 6 |
| Colorado | 27 | Hill | 28 | Morris | 28 | Walker | 28 |
| Comal | 7 | Hockley | 37 | Motley | 37 | Waller | 38 |
| Comanche | 37 | Hood | 28 | Nacogdoches | 28 | Ward | 37 |
| Concho | 37 | Hopkins | 28 | Navarro | 28 | Washington | 28 |
| Cooke | 37 | Houston | 28 | Newton | 28 | Webb | 3 |
| Coryell | 7 | Howard | 37 | Nolan | 37 | Wharton | 27 |
| Cottle | 37 | Hudspeth | 8 | Nueces | 29 | Wheeler | 37 |
| Crane | 37 | Hunt | 25 | Ochiltree | 37 | Wichita | 5 |
| Crockett | 8 | Hutchinson | 37 | Oldham | 37 | Wilbarger | 37 |
| Crosby | 2 | Irion | 2 | Orange | 38 | Willacy | 30 |
| Culberson | 8 | Jack | 28 | Palo Pinto | 28 | Williamson | 7 |
| Dallam | 37 | Jackson | 27 | Panola | 28 | Wilson | 7 |
| Dallas | 25 | Jasper | 28 | Parker | 25 | Winkler | 37 |
| Dawson | 37 | Jeff Davis | 8 | Parmer | 37 | Wise | 25 |
| Deaf Smith | 37 | Jefferson | 38 | Pecos | 8 | Wood | 28 |
| Delta | 25 | Jim Hogg | 30 | Polk | 28 | Yoakum | 37 |
| Denton | 25 | Jim Wells | 27 | Potter | 2 | Young | 37 |
| DeWitt | 27 | Johnson | 25 | Presidio | 8 | Zapata | 30 |
| Dickens | 37 | Jones | 25 | Rains | 28 | Zavala | 30 |
| Dimmit | 30 | | | Randall | 2 | | |

01/06/2023

# Special Provision to Item 000
# Nondiscrimination

## 1. DESCRIPTION

All recipients of federal financial assistance are required to comply with various nondiscrimination laws including Title VI of the Civil Rights Act of 1964, as amended, (Title VI). Title VI forbids discrimination against anyone in the United States on the grounds of race, color, or national origin by any agency receiving federal funds.

Texas Department of Transportation, as a recipient of Federal financial assistance, and under Title VI and related statutes, ensures that no person shall on the grounds of race, religion (where the primary objective of the financial assistance is to provide employment per 42 U.S.C. § 2000d-3), color, national origin, sex, age or disability be excluded from participation in, be denied the benefits of, or otherwise be subjected to discrimination under any Department programs or activities.

## 2. DEFINITION OF TERMS

Where the term “contractor” appears in the following six nondiscrimination clauses, the term “contractor” is understood to include all parties to contracts or agreements with the Texas Department of Transportation.

## 3. NONDISCRIMINATION PROVISIONS

During the performance of this contract, the contractor agrees as follows:

3.1. **Compliance with Regulations**. The Contractor shall comply with the Regulations relative to nondiscrimination in Federally-assisted programs of the Department of Transportation (hereinafter, “DOT”) Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time, (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this contract.

3.2. **Nondiscrimination**. The contractor, with regard to the work performed by it during the contract, shall not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The contractor shall not participate either directly or indirectly in the discrimination prohibited by section 21.5 of the Regulations, including employment practices when the contract covers a program set forth in Appendix B of the Regulations.

3.3. **Solicitations for Subcontracts, Including Procurements of Materials and Equipment:** In all solicitations either by competitive bidding or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials or leases of equipment, each potential subcontractor or supplier shall be notified by the contractor of the contractor's obligations under this contract and the Regulations relative to nondiscrimination on the grounds of race, color, or national origin.

3.4. **Information and Reports:** The contractor shall provide all information and reports required by the Regulations or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Recipient or the Texas Department of Transportation to be pertinent to ascertain compliance with such Regulations, orders and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish this information the contractor shall so certify to the Recipient, or the Texas Department of Transportation as appropriate, and shall set forth what efforts it has made to obtain the information.

3.5. **Sanctions for Noncompliance**. In the event of the contractor's noncompliance with the nondiscrimination provisions of this contract, the Recipient shall impose such contract sanctions as it or the Texas Department of Transportation may determine to be appropriate, including, but not limited to:

- withholding of payments to the contractor under the contract until the contractor complies, and/or
- cancellation, termination or suspension of the contract, in whole or in part.

3.6. **Incorporation of Provisions**. The contractor shall include the provisions of paragraphs (1) through (6) in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Regulations, or directives issued pursuant thereto. The contractor shall take such action with respect to any subcontract or procurement as the Recipient or the Texas Department of Transportation may direct as a means of enforcing such provisions including sanctions for non-compliance: Provided, however, that, in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or supplier as a result of such direction, the contractor may request the Recipient to enter into such litigation to protect the interests of the Recipient, and, in addition, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

# Special Provision to Item 000
# Small Business Enterprise in State Funded Projects

## 1. DESCRIPTION

The purpose of this Special Provision is to carry out the Texas Department of Transportation's policy of ensuring that Small Business Enterprise (SBE) has an opportunity to participate in the performance of contracts. If the SBE goal is greater than zero, Article A of this Special Provision shall apply to this Contract; otherwise, Article B of this Special Provision applies. The percentage goal for SBE participation in the work to be performed under this contract will be shown in the proposal.

## 2. DEFINITIONS

Small Business Enterprise (SBE) is a firm (including affiliates) certified by the Department whose annual gross receipts do not exceed the U.S. Small Business Administration's size standards for 4 consecutive years. Firms certified as Historically Underutilized Businesses (HUBs) by the Texas Comptroller of Public Accounts and as Disadvantaged Business Enterprises (DBEs) by the Texas Uniform Certification Program automatically qualify as SBEs.

2.1. **Article A - SBE Goal is Greater than Zero.**

2.1.1. **Policy**. The Department is committed to providing contracting opportunities for small businesses. In this regard, it is the Department's policy to develop and maintain a program in order to facilitate contracting opportunities for small businesses. Consequently, the requirements of the Department's Small Business Enterprise Program apply to this contract as follows:

2.1.1.1. The Contractor shall make a good faith effort to meet the SBE goal for this contract.

2.1.1.2. The Contractor and any Subcontractors shall not discriminate on the basis of race, color, national origin, age, disability or sex in the award and performance of this contract. These nondiscrimination requirements shall be incorporated into any subcontract and purchase order.

2.1.1.3. After a conditional award is made to the low bidder, the Department will determine the adequacy of a Contractor's efforts to meet the contract goal, as is outlined under Section 2, "Contractor's Responsibilities." If the requirements of Section 2 are met, the contract will be forwarded to the Contractor for execution.

The Contractor's performance, during the construction period of the contract in meeting the SBE goal, will be monitored by the Department.

2.1.2. **Contractor's Responsibilities**. These requirements must be satisfied by the Contractor. A SBE Contractor may satisfy the SBE requirements by performing at least 25% of the contract work with its own organization as defined elsewhere in the contract.

2.1.2.1. The Contractor shall submit a completed SBE Commitment Agreement Form for each SBE they intend to use to satisfy the SBE goal so as to arrive in the Department's Office of Civil Rights (OCR) in Austin, Texas not later than 5:00 p.m. on the 10th business day, excluding national holidays, after the conditional award of the contract. When requested, additional time, not to exceed 7 business days, excluding national holidays, may be granted based on documentation submitted by the Contractor.

2.1.2.2. A Contractor who cannot meet the contract goal, in whole or in part, shall document the good faith efforts taken to meet the SBE goal. The Department will consider as good faith efforts all documented explanations

that are submitted and that describe a Contractor's failure to meet a SBE goal or obtain SBE participation, including:

2.1.2.2.1. Advertising in general circulation, trade association, and/or minority/women focus media concerning subcontracting opportunities,

2.1.2.2.2. Dividing the contract work into reasonable portions in accordance with standard industry practices,

2.1.2.2.3. Documenting reasons for rejection or meeting with the rejected SBE to discuss the rejection,

2.1.2.2.4. Providing qualified SBEs with adequate information about bonding, insurance, plans, specifications, scope of work, and the requirements of the contract,

2.1.2.2.5. Negotiating in good faith with qualified SBEs, not rejecting qualified SBEs who are also the lowest responsive bidder, and;

2.1.2.2.6. Using the services of available minorities and women, community organizations, contractor groups, local, state and federal business assistance offices, and other organizations that provide support services to SBEs.

2.1.2.3. The good faith effort documentation is due at the time and place specified in Subarticle 2.(a). of this Special Provision. The Director of the DBE & SBE Programs Section will evaluate the Contractor's documentation. If it is determined that the Contractor has failed to meet the good faith effort requirements, the Contractor will be given an opportunity for reconsideration by the Department.

2.1.2.4. Should the bidder to whom the contract is conditionally awarded refuse, neglect or fail to meet the SBE goal and/or demonstrate to the Department's satisfaction sufficient efforts to obtain SBE participation, the proposal guaranty filed with the bid shall become the property of the State, not as a penalty, but as liquidated damages to the Department.

2.1.2.5. The Contractor must not terminate a SBE subcontractor submitted on a commitment agreement for a contract with an assigned goal without the prior written consent of the Department.

2.1.2.6. The Contractor shall designate a SBE contact person who will administer the Contractor's SBE program and who will be responsible for submitting reports, maintaining records, and documenting good faith efforts to use SBEs.

2.1.2.7. The Contractor must inform the Department of the representative's name, title and telephone number within 10 days of beginning work.

2.1.3. **Eligibility of SBEs.**

2.1.3.1. The Department certifies the eligibility of SBEs.

2.1.3.2. The Department maintains and makes available to interested parties a directory of certified SBEs.

2.1.3.3. Only firms certified at the time of letting or at the time the commitments are submitted are eligible to be used in the information furnished by the Contractor required under Section 2.(a) above.

2.1.3.4. Certified HUBs and DBEs are eligible as SBEs.

2.1.3.5. Small Business Size Regulations and Eligibility is referenced on e-CFR (Code of Federal Regulations), Title 13 – Business Credit and Assistance, Chapter 1 – Small Business Administration, Part 121 – Small Business Size Regulations, Subpart A – Size Eligibility Provisions and Standards.

2.1.4. **Determination of SBE Participation**. SBE participation shall be counted toward meeting the SBE goal in this contract in accordance with the following:

2.1.4.1. A Contractor will receive credit for all payments actually made to a SBE for work performed and costs incurred in accordance with the contract, including all subcontracted work.

2.1.4.2. A SBE Contractor or subcontractor may not subcontract more than 75% of a contract. The SBE shall perform not less than 25% of the value of the contract work with its own organization.

2.1.4.3. A SBE may lease equipment consistent with standard industry practice. A SBE may lease equipment from the prime contractor if a rental agreement, separate from the subcontract specifying the terms of the lease arrangement, is approved by the Department prior to the SBE starting the work in accordance with the following:

2.1.4.3.1. If the equipment is of a specialized nature, the lease may include the operator. If the practice is generally acceptable with the industry, the operator may remain on the lessor's payroll. The operator of the equipment shall be subject to the full control of the SBE, for a short term, and involve a specialized piece of heavy equipment readily available at the job site.

2.1.4.3.2. For equipment that is not specialized, the SBE shall provide the operator and be responsible for all payroll and labor compliance requirements.

2.1.5. **Records and Reports**.

2.1.5.1. The Contractor shall submit monthly reports, after work begins, on SBE payments, (including payments to HUBs and DBEs). The monthly reports are to be sent to the Area Engineer's office. These reports will be due within 15 days after the end of a calendar month.

These reports will be required until all SBE subcontracting or supply activity is completed. The "SBE Progress Report" is to be used for monthly reporting. Upon completion of the contract and prior to receiving the final payment, the Contractor shall submit the "SBE Final Report" to the Office of Civil Rights and a copy to the Area Engineer. These forms may be obtained from the Office of Civil Rights and reproduced as necessary. The Department may verify the amounts being reported as paid to SBEs by requesting, on a random basis, copies of invoices and cancelled checks paid to SBEs. When the SBE goal requirement is not met, documentation supporting Good Faith Efforts, as outlined in Section 2.(b) of this Special Provision, must be submitted with the Final Report.

2.1.5.2. SBE subcontractors and/or suppliers should be identified on the monthly report by SBE certification number, name and the amount of actual payment made to each during the monthly period. **These reports are required regardless of whether or not SBE activity has occurred in the monthly reporting period.**

2.1.5.3. All such records must be retained for a period of 3 years following completion of the contract work and shall be available at reasonable times and places for inspection by authorized representatives of the Department.

2.1.6. **Compliance of Contractor**. To ensure that SBE requirements of this contract are complied with, the Department will monitor the Contractor's efforts to involve SBEs during the performance of this contract. This will be accomplished by a review of monthly reports submitted by the Contractor indicating his progress in achieving the SBE contract goal and by compliance reviews conducted by the Department.

A Contractor's failure to comply with the requirements of this Special Provision shall constitute a material breach of this contract. In such a case, the Department reserves the right to employ remedies as the Department deems appropriate in the terms of the contract.

2.2. **Article B - No SBE Goal**.

2.2.1. **Policy**. It is the policy of the Department that SBEs shall have an opportunity to participate in the performance of contracts. Consequently, the requirements of the Department's Small Business Enterprise Program apply to this contract as specified in Section 2-5 of this Article.

2.2.2. **Contractor's Responsibilities**. If there is no SBE goal, the Contractor will offer SBEs an opportunity to participate in the performance of contracts and subcontracts.

2.2.3. **Prohibit Discrimination**. The Contractor and any subcontractor shall not discriminate on the basis of race, color, national origin, religion, age, disability or sex in the award and performance of contracts. These nondiscrimination requirements shall be incorporated into any subcontract and purchase order.

2.2.4. **Records and Reports**.

2.2.4.1. The Contractor shall submit reports on SBE (including HUB and DBE) payments. The reports are to be sent to the Area Engineer's office. These reports will be due annually by the 31st of August or at project completion, whichever comes first.

These reports will be required until all SBE subcontracting or supply activity is completed. The "SBE Progress Report" is to be used for reporting. Upon completion of the contract and prior to receiving the final payment, the Contractor shall submit the "SBE Final Report" to the Office of Civil Rights and a copy to the Area Engineer. These forms may be obtained from the Office of Civil Rights and reproduced as necessary. The Department may verify the amounts being reported as paid to SBEs by requesting copies of invoices and cancelled checks paid to SBEs on a random basis.

2.2.4.2. SBE subcontractors and/or suppliers should be identified on the report by SBE Certification Number, name and the amount of actual payment made.

2.2.4.3. All such records must be retained for a period of 3 years following completion of the contract work and shall be available at reasonable times and places for inspection by authorized representatives of the Department.

# Special Provision 000
# Certificate of Interested Parties (Form 1295)

Submit a notarized Form 1295, "Certificate of Interested Parties," in the following instances:

- at Contract execution for Contracts awarded by the Commission;
- at Contract execution for Contracts awarded by the District Engineer or Chief Engineer with an award amount of $1,000,000 or more; at any time an existing Contract awarded by the District Engineer or Chief Engineer increases in value to $1,000,000 or more due to changes in the Contract; at any time there is an increase of $1,000,000 or more to an existing Contract (change orders, extensions, and renewals); or
- at any time there is a change to the information in Form 1295, when the form was filed for an existing Contract.

Form 1295 and instructions on completing and filing the form are available on the Texas Ethics Commission website.

# Special Provision 000
# Important Notice to Contractors

| For Dollar Amount of Original Contract | | Dollar Amount of Daily Contract Administration Liquidated Damages per Working Day |
|---|---|---|
| From More Than | To and including | |
| 0 | 1,000,000 | 618 |
| 1,000,000 | 3,000,000 | 832 |
| 3,000,000 | 5,000,000 | 940 |
| 5,000,000 | 15,000,000 | 1317 |
| 15,000,000 | 25,000,000 | 1718 |
| 25,000,000 | 50,000,000 | 2411 |
| 50,000,000 | Over 50,000,000 | 4265 |

In addition to the amount shown in Table 1, the Liquidated Damages will be increased by the amount shown in Item 8 of the General Notes for Road User Cost (RUC), when applicable.

# Special Provision 000
# Notice of Contractor Performance Evaluations

## 1. GENERAL

In accordance with Texas Transportation Code §223.012, the Engineer will evaluate Contractor performance based on quality, safety, and timeliness of the project.

## 2. DEFINITIONS

2.1. **Project Recovery Plan (PRP)**—a formal, enforceable plan developed by the Contractor, in consultation with the District, that documents the cause of noted quality, safety, and timeliness issues and specifies how the Contractor proposes to correct project-specific performance deficiencies.

In accordance with Title 43, Texas Administrative Code (TAC), §9.23, the District will request a PRP if the Contractor's performance on a project is below the Department's acceptable standards and will monitor the Contractor's compliance with the established plan.

2.2. **Corrective Action Plan (CAP)**—a formal, enforceable plan developed by the Contractor, and proposed for adoption by the Construction or Maintenance Division, that documents the cause of noted quality, safety, and timeliness issues and specifies how the Contractor proposes to correct statewide performance deficiencies.

In accordance with 43 TAC §9.23, the Division will request a CAP if the average of the Contractor's statewide final evaluation scores falls below the Department's acceptable standards for the review period and will monitor the Contractor's compliance with the established plan.

## 3. CONTRACTOR EVALUATIONS

In accordance with Title 43, Texas Administrative Code (TAC) §9.23, the Engineer will schedule evaluations at the following intervals, at minimum:

- Interim evaluations—at or within 30 days after the anniversary of the notice to proceed, for Contracts extending beyond 1 yr., and
- Final evaluation—upon project closeout.

In case of a takeover agreement, neither the Surety nor its performing Contractor will be evaluated.

In addition to regularly scheduled evaluations, the Engineer may schedule an interim evaluation at any time to formally communicate issues with quality, safety, or timeliness. Upon request, work with the Engineer to develop a PRP to document expectations for correcting deficiencies.

Comply with the PRP as directed. Failure to comply with the PRP may result in additional remedial actions available to the Engineer under Item 5, "Control of the Work." Failure to meet a PRP to the Engineer's satisfaction may result in immediate referral to the Performance Review Committee for consideration of further action against the Contractor.

The Engineer will consider and document any events outside the Contractor's control that contributed to the failure to meet performance standards or comply with a PRP, including consideration of sufficient time.

Follow the escalation ladder if there is a disagreement regarding an evaluation or disposition of a PRP. The Contractor may submit additional documentation pertaining to the dispute. The District Engineer's decision

on a Contractor's evaluation score and recommendation of action required in a PRP or follow up for non-compliance is final.

## 4. DIVISION OVERSIGHT

Upon request of the Construction or Maintenance Division, develop and submit for Division approval a proposed CAP to document expectations for correcting deficiencies in the performance of projects statewide.

Comply with the CAP as directed. The CAP may be modified at any time up to completion or resolution after written approval of the premise of change from the Division. Failure to meet an adopted or revised adopted CAP to the Division's satisfaction within 120 days will result in immediate referral to the Performance Review Committee for consideration of further action against the Contractor.

The Division will consider and document any events outside the Contractor's control that contributed to the failure to meet performance standards or comply with a CAP, including consideration of sufficient time and associated costs as appropriate.

## 5. PERFORMANCE REVIEW COMMITTEE

The Performance Review Committee, in accordance with 43 TAC §9.24, will review at minimum all final evaluations, history of compliance with PRPs, any adopted CAPs including agreed modifications, any information about events outside a Contractor's control contributing to the Contractor's performance, and any documentation submitted by the Contractor and may recommend one or more of the following actions:

- take no action,
- reduce the Contractor's bidding capacity,
- prohibit the Contractor from bidding on one or more projects,
- immediately suspend the Contractor from bidding for a specified period of time, by reducing the Contractor's bidding capacity to zero, or
- prohibit the Contractor from being awarded a Contract on which they are the apparent low bidder.

The Deputy Executive Director will determine any further action against the Contractor.

## 6. APPEALS PROCESS

In accordance with 43 TAC §9.25, the Contractor may appeal remedial actions determined by the Deputy Executive Director.

# Special Provision to Item 2
# Instructions to Bidders

Item 2, "Instructions to Bidders," of the Standard Specifications is amended with respect to the clauses cited below. No other clauses or requirements of this Item are waived or changed.

**Article 2.3., "Issuing Proposal Forms,"** is supplemented by the following:

- the Bidder or affiliate of the Bidder that was originally determined as the apparent low Bidder on a project, but was deemed nonresponsive for failure to register or participate in the Department of Homeland Security's (DHS) E-Verify system as specified in Article 2.15., "Department of Homeland Security (DHS) E-Verify System," is prohibited from rebidding that specific project.

**Article 2.7., "Nonresponsive Bid,"** is supplemented by the following:

- the Bidder failed to participate in the Department of Homeland Security's (DHS) as specified in Article 2.15., "Department of Homeland Security (DHS) E-Verify System."

**Article 2.15., "Department of Homeland Security (DHS) E-Verify System,"** is added.

The Department will not award a Contract to a Contractor that is not registered in the DHS E-Verify system. Remain active in E=Verify throughout the life of the contract. In addition, in accordance with paragraph six of Article 8.2, "Subcontracting," include this requirement in all subcontracts and require that subcontractors remain active in E-Verify until their work is completed.

If the apparent low Bidder does not appear on the DHS E-Verify system prior to award, the Department will notify the Contractor that they must submit documentation showing that they are compliant within 5-business days after the date the notification was sent. A Contractor who fails to comply or respond within the deadline will be declared non-responsive and the Department will execute the proposal guaranty. The proposal guaranty will become the property of the State, not as a penalty, but as liquidated damages. The Bidder forfeiting the proposal guaranty will not be considered in future proposals for the same work unless there has been a substantial change in the scope of the work.

The Department may recommend that the Commission:

- reject all bids, or
- award the Contract to the new apparent low Bidder, if the Department is able to verify the Bidder's participation in the DHS E-verify system. For the Bidder who is not registered in E-Verify, the Department will allow for one business day after notification to provide proof of registration.

If the Department is unable to verify the new apparent low Bidder's participation in the DHS E-Verify system within one calendar day:

- the new apparent low Bidder will not be deemed nonresponsive,
- the new apparent low Bidder's guaranty will not be forfeited,
- the Department will reject all bids, and
- the new apparent low Bidder will remain eligible to receive future proposals for the same project.

# Special Provision to Item 2
# Instructions to Bidders

Item 2, "Instructions to Bidders" of the Standard Specifications is amended with respect to the clauses cited below. No other clauses or requirements of this Item are waived or changed.

**Article 3., "Issuing Proposal Forms,"** is supplemented by the following:

The Electronic State Business Daily (ESBD), the Integrated Contractor Exchange (iCX) system, and the project proposal are the official sources of advertisement and bidding information for the State and Local Lettings. Bidders should bid the project using the information found therein, including any addenda. These sources take precedence over information from other sources, including TxDOT webpages, which are unofficial and intended for informational purposes only.

# Special Provision to Item 3
# Award and Execution Contract

Item 3, Award and Execution of Contract," of the Standard Specifications is amended with respect to the clauses cited below. No other clauses or requirements of this Item are waived or changed.

**Section 4.3, "Insurance**." The first sentence is voided and replaced by the following:

For construction and building Contracts, submit a certificate of insurance showing coverages in accordance with Contract requirements. For routine maintenance Contracts, refer to Article 8, "Beginning of Work."

**Article 8, "Beginning of Work**." The first sentence is supplemented by the following:

For a routine maintenance Contract, do not begin work until a certificate of insurance showing coverages in accordance with the Contract requirements is provided and accepted.

# Special Provision to Item 3
# Award and Execution of Contract

Item 3, "Award and Execution of Contract" of the Standard Specifications is amended with respect to the clauses cited below. No other clauses or requirements of this Item are waived or changed.

**Section 4.3 "Insurance" is being amended by the following:**

**Table 2**
**Insurance Requirements**

| Type of Insurance | Amount of Coverage |
|---|---|
| Commercial General Liability Insurance | Not Less Than:<br>$600,000 each occurrence |
| Business Automobile Policy | Not Less Than:<br>$600,000 combined single limit |
| Workers' Compensation | Not Less Than:<br>Statutory |
| All Risk Builder's Risk Insurance<br>(For building-facilities contracts only) | 100% of Contract Price |

# Special Provision to Item 5
# Control of the Work

Item 5, "Control of the Work," of the Standard Specifications is amended with respect to the clauses cited below. No other clauses or requirements of this Item are waived or changed.

Article 5.1, "Authority of Engineer," is voided and replaced by the following.

The Engineer has the authority to observe, test, inspect, approve, and accept the work. The Engineer decides all questions about the quality and acceptability of materials, work performed, work progress, Contract interpretations, and acceptable Contract fulfillment. The Engineer has the authority to enforce and make effective these decisions.

The Engineer acts as a referee in all questions arising under the terms of the Contract. The Engineer's decisions will be final and binding.

The Engineer will pursue and document actions against the Contractor as warranted to address Contract performance issues. Contract remedies include, but are not limited to, the following:

- conducting interim performance evaluations requiring a Project Recovery Plan, in accordance with Title 43, Texas Administrative Code (TAC) §9.23,
- requiring the Contractor to remove and replace defective work, or reducing payment for defective work,
- removing an individual from the project,
- suspending the work without suspending working day charges,
- assessing standard liquidated damages to recover the Department's administrative costs, including additional project-specific liquidated damages when specified in the Contract in accordance with 43 TAC §9.22,
- withholding estimates,
- declaring the Contractor to be in default of the Contract, and
- in case of a Contractor's failure to meet a Project Recovery Plan, referring the issue directly to the Performance Review Committee for consideration of further action against the Contractor in accordance with 43 TAC §9.24.

The Engineer will consider and document any events outside the Contractor's control that contributed to the failure to meet performance standards, including consideration of sufficient time.

Follow the issue escalation ladder if there is disagreement regarding the application of Contract remedies.

# Special Provision to Item 5
# Control of the Work

Item 5, “Control of the Work” of the Standard Specifications is amended with respect to the clauses cited below. No other clauses or requirements of this Item are waived or changed.

**Article 5.4, “Coordination of Plans, Specifications, and Special Provisions,” the last sentence of the last paragraph is replaced by the following:**

Failure to promptly notify the Engineer will constitute a waiver of all contract claims against the Department for misunderstandings or ambiguities that result from the errors, omissions, or discrepancies.

# Special Provision to Item 6
# Control of Materials

For this project, Item 6, "Control of Materials," 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 4., "Sampling, Testing, and Inspection,"** is supplemented by the following:

Meet with the Engineer and choose either the Department or a Department-selected Commercial Lab (CL) for conducting the subset of project-level sampling and testing shown in Table 1, "Select Guide Schedule Sampling and Testing." Selection may be made on a test by test basis. CLs will meet the testing turnaround times shown (includes test time and time for travel/sampling and reporting) and in all cases issue test reports as soon as possible.

If the Contractor chooses a Department-selected CL for any Table 1 sampling and testing:

- notify the Engineer, District Lab, and the CL of project scheduling that may require CL testing;
- provide the Engineer, District Lab, and CL at least 24 hours' notice by phone and e-mail;
- reimburse the Department for CL Table 1 testing using the contract fee schedule for the CL (including mileage and travel/standby time) at the minimum guide schedule testing frequencies;
- reimburse the Department for CL Table 1 testing above the minimum guide schedule frequencies for retesting when minimum frequency testing results in failures to meet specification limits;
- agree with the Engineer and CL upon a policy regarding notification for testing services;
- give any cancellation notice to the Engineer, District Lab, and CL by phone and e-mail;
- reimburse the Department a $150 cancellation fee to cover technician time and mileage charges for previously scheduled work cancelled without adequate notice, which resulted in mobilization of technician and/or equipment by the CL; and
- all CL charges will be reimbursed to the Department by a deduction from the Contractor's monthly pay estimate.

If the CL does not meet the Table 1 turnaround times, testing charge to the Contractor will be reduced by 50% for the first late day and an additional 5% for each succeeding late day.

Approved CL project testing above the minimum testing frequencies in the Guide Schedule of Sampling and Testing, and not as the result of failing tests, will be paid by the Department.

Other project-level Guide Schedule sampling and testing not shown on Table 1 will be the responsibility of the Department.

**Table 1**
**Select Guide Schedule Sampling and Testing (Note 1)**

| TxDOT Test | Test Description | Turn-Around Time (Calendar days) |
|---|---|---|
| **SOILS/BASE** | | |
| Tex-101-E | Preparation of Soil and Flexible Base Materials for Testing (included in other tests) | |
| Tex-104-E | Liquid Limit of Soils (included in 106-E) | |
| Tex-105-E | Plastic Limit of Soils (included in 106-E) | |
| Tex-106-E | Calculating the Plasticity Index of Soils | 7 |
| Tex-110-E | Particle Size Analysis of Soils | 6 |
| Tex-113-E | Moisture-Density Relationship of Base Materials | 7 |
| Tex-114-E | Moisture-Density Relationship of Subgrade and Embankment Soil | 7 |
| Tex-115-E | Field Method for In-Place Density of Soils and Base Materials | 2 |
| Tex-116-E | Ball Mill Method for the Disintegration of Flexible Base Material | 5 |
| Tex-117-E, Part II | Triaxial Compression Tests For Disturbed Soils and Base Materials (Part II) | 6 |
| Tex-113-E **w/** Tex-117-E | Moisture-Density Relationship of Base Materials **with** Triaxial Compression Tests For Disturbed Soils and Base Materials (Part II) | 10 |
| Tex-140-E | Measuring Thickness of Pavement Layer | 2 |
| Tex-145-E | Determining Sulfate Content in Soils - Colorimetric Method | 4 |
| **HOT MIX ASPHALT** | | |
| Tex-200-F | Sieve Analysis of Fine and Coarse Aggregate (dry, from ignition oven with known correction factors) | 1 (Note 2) |
| Tex-203-F | Sand Equivalent Test | 3 |
| Tex-206-F, **w/** Tex-207-F, Part I, **w/** Tex-227-F | **(Lab-Molded Density of Production Mixture – Texas Gyratory)** Method of Compacting Test Specimens of Bituminous Mixtures **with** Density of Compacted Bituminous Mixtures, Part I - Bulk Specific Gravity of Compacted Bituminous Mixtures, **with** Theoretical Maximum Specific Gravity of Bituminous Mixtures | 1 (Note 2) |
| Tex-207-F, Part I **&/or** Part VI | **(In-Place Air Voids of Roadway Cores)** Density of Compacted Bituminous Mixtures, Part I- Bulk Specific Gravity of Compacted Bituminous Mixtures **&/or** Part VI - Bulk Specific Gravity of Compacted Bituminous Mixtures Using the Vacuum Method | 1 (Note 2) |
| Tex-207-F, Part V | Density of Compacted Bituminous Mixtures, Part V- Determining Mat Segregation using a Density-Testing Gauge | 3 |
| Tex-207-F, Part VII | Density of Compacted Bituminous Mixtures, Part VII - Determining Longitudinal Joint Density using a Density-Testing Gauge | 4 |
| Tex-212-F | Moisture Content of Bituminous Mixtures | 3 |
| Tex-217-F | Deleterious Material and Decantation Test for Coarse Aggregate | 4 |
| Tex-221-F | Sampling Aggregate for Bituminous Mixtures, Surface Treatments, and LRA (included in other tests) | |
| Tex-222-F | Sampling Bituminous Mixtures (included in other tests) | |
| Tex-224-F | Determination of Flakiness Index | 3 |
| Tex-226-F | Indirect Tensile Strength Test (production mix) | 4 |
| Tex-235-F | Determining Draindown Characteristics in Bituminous Materials | 3 |
| Tex-236-F (Correction Factors) | Asphalt Content from Asphalt Paving Mixtures by the Ignition Method (Determining Correction Factors) | 4 |
| Tex-236-F | Asphalt Content from Asphalt Paving Mixtures by the Ignition Method (Production Mixture) | 1 (Note 2) |
| Tex-241-F **w/** Tex-207-F, Part I, **w/** Tex-227-F | **(Lab-Molded Density of Production Mixture – Superpave Gyratory)** Superpave Gyratory Compacting of Specimens of Bituminous Mixtures (production mixture) **with** Density of Compacted Bituminous Mixtures, Part I- Part I - Bulk Specific Gravity of Compacted Bituminous Mixtures, **with** Theoretical Maximum Specific Gravity of Bituminous Mixtures | 1 (Note 2) |
| Tex-242-F | Hamburg Wheel-Tracking Test (production mix, molded samples) | 3 |
| Tex-244-F | Thermal Profile of Hot Mix Asphalt | 1 |
| Tex-246-F | Permeability of Water Flow of Hot Mix Asphalt | 3 |
| Tex-280-F | Flat and Elongated Particles | 3 |
| Tex-530-C | Effect of Water on Bituminous Paving Mixtures (production mix) | 4 |

| | | |
|---|---|---|
| **AGGREGATES** | | |
| Tex-400-A | Sampling Flexible Base, Stone, Gravel, Sand, and Mineral Aggregates | 3 |
| Tex-410-A | Abrasion of Coarse Aggregate Using the Los Angeles Machine | 5 |
| Tex-411-A | Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate | 12 |
| Tex-461-A | Degradation of Coarse Aggregate by Micro-Deval Abrasion | 5 |
| **CHEMICAL** | | |
| Tex-612-J | Acid Insoluble Residue for Fine Aggregate | 4 |
| **GENERAL** | | |
| HMA Production Specialist [TxAPA – Level 1-A] ($/hr) | | |
| HMA Roadway Specialist [TxAPA – Level 1-B] ($/hr) | | |
| Technician Travel/Standby Time ($/hr) | | |
| Per Diem ($/day – meals and lodging) | | |
| Mileage Rate ($/mile from closest CL location) | | |

**Note 1– Turn-Around Time includes test time and time for travel/sampling and reporting.**
**Note 2 – These tests require turn-around times meeting the governing specifications. Provide test results within the stated turn-around time. CL is allowed one additional day to provide the signed and sealed report.**

# Special Provision to Item 6
# Control of Materials

Item 6, "Control of Materials" of the Standard Specifications is amended with respect to the clauses cited below. No other clauses or requirements of this Item are waived or changed.

Article 6.10., "Hazardous Materials," is voided and replaced by the following:

Comply with the requirements of Article 7.12., "Responsibility for Hazardous Materials."

Notify the Engineer immediately when a visual observation or odor indicates that materials on sites owned or controlled by the Department may contain hazardous materials. Except as noted herein, the Department is responsible for testing, removing, and disposing of hazardous materials not introduced by the Contractor. The Engineer may suspend work wholly or in part during the testing, removing, or disposing of hazardous materials, except in the case where hazardous materials are introduced by the Contractor.

Use materials that are free of hazardous materials. Notify the Engineer immediately if materials are suspected to contain hazardous materials. If materials delivered to the project by the Contractor are suspected to contain hazardous materials, have an approved commercial laboratory test the materials for the presence of hazardous materials as approved. Remove, remediate, and dispose of any of these materials found to contain hazardous materials. The work required to comply with this section will be at the Contractor's expense if materials are found to contain hazardous materials. Working day charges will not be suspended and extensions of working days will not be granted for activities related to handling hazardous material introduced by the Contractor. If suspected materials are not found to contain hazardous materials, the Department will reimburse the Contractor for hazardous materials testing and will adjust working day charges if the Contractor can show that this work impacted the critical path.

10.1. Painted Steel Requirements. Coatings on existing steel contain hazardous materials unless otherwise shown on the plans. Remove paint and dispose of steel coated with paint containing hazardous materials is in accordance with the following:

10.1.1. Removing Paint From Steel For contracts that are specifically for painting steel, Item 446, "Field Cleaning and Painting Steel" will be included as a pay item. Perform work in accordance with that item.

For projects where paint must be removed to allow for the dismantling of steel or to perform other work, the Department will provide for a separate contractor (third party) to remove paint containing hazardous materials prior to or during the Contract. Remove paint covering existing steel shown not to contain hazardous materials in accordance with Item 446, "Field Cleaning and Painting Steel."

10.1.2. Removal and Disposal of Painted Steel. For steel able to be dismantled by unbolting, paint removal will not be performed by the Department. The Department will remove paint, at locations shown on the plans or as agreed, for the Contractor's cutting and dismantling purposes. Utilize Department cleaned locations for dismantling when provided or provide own means of dismantling at other locations.

Painted steel to be retained by the Department will be shown on the plans. For painted steel that contains hazardous materials, dispose of the painted steel at a steel recycling or smelting facility unless otherwise shown on the plans. Maintain and make available to the Engineer invoices and other records obtained from the facility showing the received weight of the steel and the facility name. Dispose of steel that does not contain hazardous material coatings in accordance with federal, state and local regulations.

10.2. Asbestos Requirements. The plans will indicate locations or elements where asbestos containing materials (ACM) are known to be present. Where ACM is known to exist or where previously unknown ACM has been found, the Department will arrange for abatement by a separate contractor prior to or during the Contract. Notify the Engineer of proposed dates of demolition or removal of structural elements with ACM at least 60 days before beginning work to allow the Department sufficient time for abatement.

The Department of State Health Services (DSHS), Asbestos Programs Branch, is responsible for administering the requirements of the National Emissions Standards for Hazardous Air Pollutants, 40 CFR Part 61, Subpart M and the Texas Asbestos Health Protection Rules (TAHPR). Based on EPA guidance and regulatory background information, bridges are considered to be a regulated “facility” under NESHAP. Therefore, federal standards for demolition and renovation apply.

The Department is required to notify the DSHS at least 10 working days (by postmarked date) before initiating demolition or renovation of each structure or load bearing member shown on the plans. If the actual demolition or renovation date is changed or delayed, notify the Engineer in writing of the revised dates in sufficient time to allow for the Department’s notification to DSHS to be postmarked at least 10 days in advance of the actual work.

Failure to provide the above information may require the temporary suspension of work under Article 8.4., “Temporary Suspension of Work or Working Day Charges,” due to reasons under the control of the Contractor. The Department retains the right to determine the actual advance notice needed for the change in date to address post office business days and staff availability.

10.3. Lead Abatement. Provide traffic control as shown on the plans, and coordinate and cooperate with the third party and the Department for managing or removing hazardous materials. Work for the traffic control shown on the plans and coordination work will not be paid for directly but will be subsidiary to pertinent Items.

# Special Provision to Item 7
# Legal Relations and Responsibilities

Item 7, "Legal Relations and Responsibilities," of the Standard Specifications is amended with respect to the clauses cited below. No other clauses or requirements of this Item are waived or changed.

**Section 7.7.2., "Texas Pollutant Discharge Elimination System (TPDES) Permits and Storm Water Pollution Prevention Plans (SWP3),"** is voided and replaced by the following:

**7.2. Texas Pollution Discharge Elimination System (TPDES) Permits and Storm Water Pollution Prevention Plans (SWP3).**

**7.2.1. Projects with less than one acre of soil disturbance including required associated project specific locations (PSL's) per TPDES GP TXR 150000.**

No posting or filing will be required for soil disturbances within the right of way. Adhere to the requirements of the SWP3.

**7.2.2. Projects with one acre but less than five acres of soil disturbance including required associated PSL's per TPDES GP TXR 150000.**

The Department will be considered a primary operator for Operational Control Over Plans and Specifications as defined in TPDES GP TXR 150000 for construction activity in the right of way. The Department will post a small site notice along with other requirements as defined in TPDES GP TXR 150000 as the entity of having operational control over plans and specifications for work shown on the plans in the right of way.

The Contractor will be considered a Primary Operator for Day-to-Day Operational Control as defined in TPDES GP TXR 150000 for construction activity in the right of way. In addition to the Department's actions, the Contractor will post a small site notice along with other requirements as defined in TPDES GP TXR 150000 as the entity of having day-to-day operational control of the work shown on the plans in the right of way. This is in addition to the Contractor being responsible for TPDES GP TXR 150000 requirements for on- right of way and off- right of way PSL's. Adhere to all requirements of the SWP3 as shown on the plans. The Contractor will be responsible for Implement the SWP3 for the project site in accordance with the plans and specifications, TPDES General Permit TXR150000, and as directed.

**7.2.3. Projects with 5 acres or more of soil disturbance including required associated PSL's per TPDES GP TXR 150000.**

The Department will be considered a primary operator for Operational Control Over Plans and Specifications as defined in TPDES GP TXR 150000 for construction activities in the right of way. The Department will post a large site notice, file a notice of intent (NOI), notice of change (NOC), if applicable, and a notice of termination (NOT) along with other requirements per TPDES GP TXR 150000 as the entity having operational control over plans and specifications for work shown on the plans in the right of way.

The Contractor will be considered a primary operator for Day-to-Day Operational Control as defined in TPDES GP TXR 150000 for construction activities in the right of way. In addition to the Department's actions, the Contractor shall file a NOI, NOC, if applicable, and NOT and post a large site notice along with other requirements as the entity of having day-to-day operational control of the work shown on the plans in the right of way. This is in addition to the Contractor

being responsible for TPDES GP TXR 150000 requirements for on- right of way and off- right of way PSL's. Adhere to all requirements of the SWP3 as shown on the plans.

# Special Provision to Item 7
# Legal Relations and Responsibilities

Item 7, "Legal Relations and Responsibilities" of the Standard Specifications is amended with respect to the clauses cited below. No other clauses or requirements of this Item are waived or changed.

**Section 19.1., Minimum Wage Requirements for Federally Funded Contracts.** The second paragraph is voided and replaced by the following:

Submit electronic payroll records to the Engineer using the Department's payroll system.

**Section 19.2., Minimum Wage Requirements for State Funded Contracts.** The second paragraph is voided and replaced by the following:

Submit electronic payroll records to the Engineer using the Department's payroll system.

# Special Provision to Item 7
# Legal Relations and Responsibilities

Item 7, "Legal Relations and Responsibilities," of the Standard Specifications is amended with respect to the clauses cited below. No other clauses or requirements of this Item are waived or changed.

**Section 7.2.4., "Public Safety and Convenience."** The first paragraph is deleted and replaced by the following.

Ensure the safety and convenience of the public and property as provided in the Contract and as directed. Keep existing roadways open to traffic or construct and maintain detours and temporary structures for safe public travel. Manage construction to minimize disruption to traffic. Maintain the roadway in a good and passable condition, including proper drainage and provide for ingress and egress to adjacent property.

If the construction of the project requires the closing of a highway, as directed, coordinate the closure with the Engineer and work to ensure all lanes and ramps possible are available during peak traffic periods before, during, and after significant traffic generator events to avoid any adverse economic impact on the municipalities during:

- dates or events as shown on the plans, and
- other dates as directed.

# Special Provision to Item 007
# Legal Relations and Responsibilities

Item 7, "Legal Relations and Responsibilities," of the Standard Specifications is amended with respect to the clauses cited below.

**Section 2.6., "Barricades, Signs, and Traffic Handling,"** the first paragraph is voided and replaced by the following:

2.6. **Barricades, Signs, and Traffic Handling.** Comply with the requirements of Item 502 "Barricades, Signs, and Traffic Handling," and as directed. Provide traffic control devices that conform to the details shown on the plans, the TMUTCD, and the Department's Compliant Work Zone Traffic Control Device List maintained by the Traffic Safety Division. When authorized or directed, provide additional signs or traffic control devices not required by the plans.

**Section 2.6.1., "Contractor Responsible Person and Alternative,"** is voided and replaced by the following:

2.6.1. **Contractor Responsible Person and Alternative.** Designate in writing, a Contractor's Responsible Person (CRP) and an alternate to be the representative of the Contractor who is responsible for taking or directing corrective measures regarding the traffic control. The CRP or alternate must be accessible by phone 24 hr. per day and able to respond when notified. The CRP and alternate must comply with the requirements of Section 2.6.5., "Training."

**Section 2.6.2, "Flaggers,"** the first paragraph is voided and replaced by the following:

2.6.2. **Flaggers.** Designate in writing, a flagger instructor who will serve as a flagging supervisor and is responsible for training and assuring that all flaggers are qualified to perform flagging duties. Certify to the Engineer that all flaggers will be trained and make available upon request a list of flaggers trained to perform flagging duties.

**Section 2.6.5, "Training,"** is voided and replaced by the following:

2.6.5. **Training.** Train workers involved with the traffic control using Department-approved training as shown on the "Traffic Control Training" Material Producer List.

Coordinate enrollment, pay associated fees, and successfully complete Department-approved training or Contractor-developed training. Training is valid for the period prescribed by the provider. Except for law enforcement personnel training, refresher training is required every 4 yr. from the date of completion unless otherwise specified by the course provider. The Engineer may require training at a frequency instead of the period prescribed based on the Department's needs. Training and associated fees will not be measured or paid for directly but are considered subsidiary to pertinent Items.

Certify to the Engineer that workers involved in traffic control and other work zone personnel have been trained and make available upon request a copy of the certification of completion to the Engineer. Ensure the following is included in the certification of completion:

- name of provider and course title,
- name of participant,
- date of completion, and
- date of expiration.

Where Contractor-developed training or a Department-approved training course does not produce a certification, maintain a log of attendees. Make the log available upon request. Ensure the log is legible and includes the following:

- printed name and signature of participant,
- name and title of trainer, and
- date of training.

2.6.5.1. **Contractor-developed Training.** Develop and deliver Contractor-developed training meeting the minimum requirements established by the Department. The outline for this training must be submitted to the Engineer for approval at the preconstruction meeting. The CRP or designated alternate may deliver the training instead of the Department-approved training. The work performed and materials furnished to develop and deliver the training will not be measured or paid for directly but will be considered subsidiary to pertinent Items.

2.6.5.1.1. **Flagger Training Minimum Requirements.** A Contractor's certified flagging instructor is permitted to train other flaggers.

2.6.5.1.2. **Optional Contractor-developed Training for Other Work Zone Personnel.** For other work zone personnel, the Contractor may provide training meeting the curriculum shown below instead of Department-approved training.

Minimum curriculum for Contractor-provided training is as follows:

Contractor-developed training must provide information on the use of personnel protection equipment, occupational hazards and health risks, and other pertinent topics related to traffic management. The type and amount of training will depend on the job duties and responsibilities. Develop training applicable to the work being performed. Develop training to include the following topics.

- The Life You Save May Be Your Own (or other similar company safety motto).
- Purpose of the training.
  - It's the Law.
  - To make work zones safer for workers and motorist.
  - To understand what is needed for traffic control.
  - To save lives including your own.
- Personal and Co-Worker Safety.
  - **High Visibility Safety Apparel.** Discuss compliant requirements; inspect regularly for fading and reduced reflective properties; if night operations are required, discuss the additional and appropriate required apparel in addition to special night work risks; if moving operations are underway, discuss appropriate safety measures specific to the situation and traffic control plan.
  - **Blind Areas.** A blind area is the area around a vehicle or piece of construction equipment not visible to the operators, either by line of sight or indirectly by mirrors. Discuss the "Circle of Safety" around equipment and vehicles; use of spotters; maintain eye contact with equipment operators; and use of hand signals.
  - **Runovers and Backovers.** Remain alert at all times; keep a safe distance from traffic; avoid turning your back to traffic and if you must then use a spotter; and stay behind protective barriers, whenever possible. Note: It is not safe to sit on or lean against a concrete barrier, these barriers can deflect four plus feet when struck by a vehicle.
  - Look out for each other, warn co-workers.
  - Be courteous to motorists.
  - Do not run across active roadways.
  - Workers must obey traffic laws and drive courteously while operating vehicles in the work zones.
  - Workers must be made aware of company distracted driving policies.
- **Night Time Operations.** Focus should be placed on projects with a nighttime element.

- **Traffic Control Training.** Basics of Traffic Control.
  - Identify work zone traffic control supervisor and other appropriate persons to report issues to when they arise.
  - Emphasize that work zone traffic control devices must be in clean and in undamaged condition. If devices have been hit but not damaged, put back in their correct place and report to traffic control supervisor. If devices have been damaged, replace with new one and report to traffic control supervisor. If devices are dirty, faded or have missing or damaged reflective tape clean or replace and report to traffic control supervisor. Show examples of non-acceptable device conditions. Discuss various types of traffic control devices to be used and where spacing requirements can be found.
  - **Channelizing Devices and Barricades with Slanted Stripes.** Stripes are to slant in the direction you want traffic to stay or move to; demonstrate this with a device.
  - **Traffic Queuing.** Workers must be made aware of traffic queuing and the dangers created by it. Workers must be instructed to immediately notify the traffic control supervisor and other supervisory personnel if traffic is queuing beyond advance warning sign and devices or construction limits.
  - **Signs.** Signs must be straight and not leaning. Report problems to the traffic control supervisor or other as designated for immediate repair. Covered signs must be fully covered. If covers are damaged or out of place, report to traffic control supervisor or other as designated.

# Special Provision to Item 8
# Prosecution and Progress

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

Article 8.2., "Subcontracting," is supplemented by the following paragraph, which is added as paragraph six to this article:

The Contractor certifies by signing the Contract that the Contractor will not enter into any subcontract with a subcontractor that is not registered in the Department of Homeland Security's (DHS) E-Verify system. Require that all subcontractors working on the project register and require that all subcontractors remain active in the DHS E-Verify system until their work is complete on the project.

# Special Provision to Item 8
# Prosecution and Progress

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

**Article 8.7.2., "Wrongful Default,"** is revised and replaced by the following:

If it is determined after the Contractor is declared in default, that the Contractor was not in default, the rights and obligations of all parties will be the same as if termination had been issued for the convenience of the public as provided in Article 8.8 "Termination of Contract."

# Special Provision to Item 8
# Prosecution and Progress

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

**Article 8.6., "Failure to Complete Work on Time,"** is supplemented by the following:

**8.6.1. Lane Closure Assessment Fees.**

Monetary assessment, as shown on the plans, will be made against the Contractor for any lane closure or obstruction that overlaps into the peak hour traffic for each time increment defined on the plans or portion thereof, per lane, regardless of the length of lane closure or obstruction.

**8.6.1.1. Definition of Terms.** For this Contract, the following definitions apply:

**8.6.1.1.1. Time increment.** Any continuous defined increment of time period or portion thereof for a period beginning at that point when lanes are closed or obstructed by the Contractor's operations.

**8.6.1.1.2. Assessment Fee.** The amount shown on the proposal for each defined time increment, representing the average cost of interference and inconvenience to the road user for each lane closed or obstructed during peak hour traffic. The Engineer may allow a proportional fee assessment for closures that do not involve an entire defined time increment.

**8.6.1.1.3. Closure or Obstruction.** When the Contractor's operations result in a reduced lane width of the travel way or shoulder less than that specified on the plan documents.

**8.6.1.1.4. Peak Hour Traffic Times.** Schedule of days and times described in the General Notes, when lane closures or obstructions are not allowed.

**8.6.1.2. Fee Calculation and Collection.** The assessment fee will be deducted from the amount due to the Contractor on the monthly construction estimate, and thus retained by the Department. The Engineer will determine the time of overlap of lane closures or obstructions for calculating the assessment fee. The assessment fee is based on road user costs and is assessed not as a penalty, but for added expense incurred by the traveling public.

# Special Provision to Item 009
# Measurement and Payment

Item 009 "Measurement and Payment" of the Standard Specifications is amended with respect to the clauses cited below. No other clauses or requirements of this Item are waived or changed.

**Article 9.5., "PROGRESS PAYMENTS" is supplemented with the following:**

It is the Department's desire to pay a Contractor for work through the last working day of the month; however, the use of early cut-off dates for monthly estimates and MOH is a project management practice to manage workload at the Area Office level. Approval for using early cut-off dates is at the District's discretion. The earliest cut-off date for estimates is the 25th of the month.

**Article 9.6., "PAYMENT FOR MATERIAL ON HAND (MOH)" first paragraph is amended as follows:**

If payment for MOH is desired, request compensation for the invoice cost of acceptable nonperishable materials that have not been used in the work before the request, and that have been delivered to the work location or are in acceptable storage places. Nonperishable materials are those that do not have a shelf life or whose characteristics do not materially change when exposed to the elements. Include only materials that have been sampled, tested, approved, or certified, and are ready for incorporation into the work. Only materials which are completely constructed or fabricated on the Contractor's order for a specific Contract and are so marked and on which an approved test report has been issued are eligible. Payment for MOH may include the following types of items: concrete traffic barrier, precast concrete box culverts, concrete piling, reinforced concrete pipe, and illumination poles. Any repairs required after fabricated materials have been approved for storage will require approval of the Engineer before being made and will be made at the Contractor's expense. Include only those materials and products, when cumulated under an individual item or similar bid items, that have an invoice cost of at least $1,000 in the request for MOH payment (e.g. For MOH eligibility, various sizes of conductor are considered similar bid items and may be cumulated to meet the threshold; for small roadside signs, the sign supports, mounting bolts, and the sign face is considered one bid item or similar bid items for more than one pay item for sign supports.) Requests for MOH are to be submitted at least two days before but not later than the estimate cutoff date unless otherwise agreed. If there is a need to request MOH after the established cut-off date, the district can make accommodation as the need arises. This needed accommodation is to be the exception, though, and not the rule.

# Special Provision to Item 9
# Measurement and Payment

Item 9, "Measurement and Payment" of the Standard Specifications is amended with respect to the clauses cited below. No other clauses or requirements of this Item are waived or changed.

**Section 9.7.1.4.3., "Standby Equipment Costs,"** is voided and replaced by the following:

7.1.4.3. **Standby Equipment Costs.** Payment for standby equipment will be made in accordance with Section 9.7.1.4., "Equipment," except that the 15% markup will not be allowed and that:

**Section 7.1.4.3.1., "Contractor-Owned Equipment,"** is voided and replaced by the following:

7.1.4.3.1. **Contractor-Owned Equipment**. For Contractor-owned equipment:

- Standby will be paid at 50% of the monthly Equipment Watch rate after the regional and age adjustment factors have been applied. Operating costs will not be allowed. Calculate the standby rate as follows.

  Standby rate = (FHWA hourly rate - operating costs) × 50%

- If an hourly rate is needed, divide the monthly *Equipment Watch* rate by 176.
- No more than 8 hr. of standby will be paid during a 24-hr. day period, nor more than 40 hr. per week.
- Standby costs will not be allowed during periods when the equipment would have otherwise been idle.

# Special Provision to Item 192
# Landscape Planting

Item 192, "Landscape Planting," of the Standard Specifications, is amended with respect to the clauses cited below. No other clauses or requirements of this Item are waived or changed.

**Section 3.15., "Maintenance".** The second sentence is voided and replaced by the following:

Perform the maintenance work for a minimum of 365 calendar days at designated locations by following the work schedule and frequencies shown on the plans.

**Section 3.15.9., "Plant Replacement,"** is voided and replaced by the following:

Remove and dispose of dead and damaged plants from the worksite as directed. Replace plants as originally specified prior to each payment as specified under Article 192.5. ,"Payment".

**Article 192.5., "Payment,"** is voided and replaced by the following:

The work performed and the materials furnished in accordance with this Item and measured as provided under "Measurement" will be paid for at the unit price bid for "Plant Material" of the size, "Plant Material" of the type, "Plant Material" of the size and type specified, "Plant Material" of the group specified or "Palm Material" of the type specified. This price is full compensation for furnishing the plant, mulch, plant soil mix, landscape edge, plant bed preparation and vegetation barrier, unless mulch, plant soil mix, landscape edge, plant bed preparation and vegetation barrier are specified as separate items. Payment for "Plant Material" and "Palm Material" will be handled in the following manner:

5.1. **Initial Payment.** When the planting and installation of related materials are completed and approved, 55% of the unit price bid for each plant will be paid.

5.2. **Eleven 30-Day Payment.** Following the initial payment, when the eleven 30-day periods of the 365-day maintenance (see Section 192.3.15, "Maintenance") are completed and approved, an additional 3.75% of the total price bid for all plants will be paid, but if the maintenance is not completed and approved for a 30-day period, that 3.75% will be forfeited.

5.3. **Final Payment.** When the final 35 days of the 365-day maintenance are completed and approved, and after final inspection and acceptance, an additional 3.75% of the total price bid for all plants will be paid, but if the maintenance is not completed and approved, that 3.75% will be forfeited.

When mulch, plant soil mix, landscape edge, plant bed preparation and vegetation barrier are specified as separate pay items, 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 "Mulch" or "Mulch" of the type specified, "Plant Soil Mix" or "Plant Soil Mix" of the type specified, "Landscape Edge" or "Landscape Edge" of the type specified, "Plant Bed Preparation" or "Plant Bed Preparation" of the type specified, and "Vegetation Barrier" or "Vegetation Barrier" of the type specified. Each price is full compensation for materials, equipment, labor, tools, and incidentals.

# Special Provision to Item 502
# Barricades, Signs and Traffic Handling

Item 502, "Barricades, Signs and Traffic Handling" 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 502.1., "Description,"** is supplemented by the following:

Temporary work-zone (TWZ) traffic control devices manufactured after December 31, 2019, must have been successfully tested to the crashworthiness requirements of the 2016 edition of the Manual for Assessing Safety Hardware (MASH). Such devices manufactured on or before this date and successfully tested to NCHRP Report 350 or the 2009 edition of MASH may continue to be used throughout their normal service lives. An exception to the manufacture date applies when, based on the project's date of letting, a category of MASH-2016 compliant TWZ traffic control devices are not approved, or are not self-certified after the December 31, 2019, date. In such case, devices that meet NCHRP-350 or MASH-2009 may be used regardless of the manufacture date.

Such TWZ traffic control devices include: portable sign supports, barricades, portable traffic barriers designated exclusively for use in temporary work zones, crash cushions designated exclusively for use in temporary work zones, longitudinal channelizers, truck and trailer mounted attenuators. Category I Devices (i.e., lightweight devices) such as cones, tubular markers and drums without lights or signs attached however, may be self-certified by the vendor or provider, with documentation provided to Department or as are shown on Department's Compliant Work Zone Traffic Control Device List.

**Article 502.4., "Payment,"** is supplemented by the following:

Truck mounted attenuators and trailer attenuators will be paid for under Special Specification, "Truck Mounted Attenuator (TMA) and Trailer Attenuator (TA)." Portable Changeable Message Signs will be paid for under Special Specification, "Portable Changeable Message Sign." Portable Traffic Signals will be paid for under Special Specification, "Portable Traffic Signals."

# Special Provision to Item 506

# Temporary Erosion, Sedimentation, and Environmental Controls

Item 506, "Temporary Erosion, Sedimentation, and Environmental Controls," of the Standard Specifications is amended with respect to the clauses cited below. No other clauses or requirements of this Item are waived or changed.

**Article 506.1., "Description."** The second paragraph is voided and replaced by the following.

Contractor is considered primary operator to have day-to-day operational control as defined in TPDES GP TXR150000.

**1.1.** For projects with soil disturbance of less than 1 acre, no submittal to TCEQ will be required but Contractor will follow SWP3. For projects with soil disturbance of 1acre to less than 5 acres a small site notice will be posted at the site. For projects with soil disturbance of 5 acres or more a Notice of Intent (NOI) is required and a large site notice posted at site. Postings will be in accordance with TPDES GP TXR150000. Postings not associated with project specific locations will be in same location as Department's postings.

**1.2. Notice of Intent (NOI).** Submit a NOI, if applicable, with the TCEQ under the TPDES GP TXR150000 at least 7 days prior to commencement of construction activities at the project site. Provide a signed copy to the Engineer and any other MS4 operators at the time of submittal. The Department will submit their NOI prior to contractor submission and will provide a copy for Contractor's use in completing the Contractor's NOI form.

**1.3. Notice of Change (NOC).** Upon concurrence of the Engineer, submit a NOC, if applicable, to the TCEQ within 14 days of discovery of a change or revision to the NOI as required by the TPDES GP TXR150000. Provide a signed copy of the NOC to the Engineer and any other MS4 operators at the time of submittal.

**1.4. Notice of Termination (NOT).** Upon concurrence of the Engineer, submit a NOT, if applicable, to the TCEQ within 30 days of the Engineer's approval that 70% native background vegetative cover is met or equivalent permanent stabilization have been employed in accordance with the TPDES GP TXR 150000. Provide a signed copy of the NOT to the Engineer and any other MS4 operators at the time of submittal.

**Section 506.3.1, "Contractor Responsible Person Environmental (CRPE) Qualifications and Responsibilities,"** is supplemented by the following:

**3.1. Contractor Responsible Person Environmental (CRPE) Qualifications and Responsibilities**. Provide and designate in writing at the preconstruction conference a CRPE and alternate CRPE who have overall responsibility for the storm water management program. The CRPE will implement stormwater and erosion control practices; will oversee and observe stormwater control measure monitoring and management; will monitor the project site daily and produce daily monitoring reports as long as there are BMPs in place or soil disturbing activities are evident to ensure compliance with the SWP3 and TPDES General Permit TXR150000. Daily monitor reports shall be maintained and made available upon request. During time suspensions when work is not occurring or on contract non-work days, daily inspections are not required unless a rain event has occurred. The CRPE will provide recommendations on how to improve the effectiveness of control measures. Attend the Department's preconstruction conference for the project. Ensure training is completed as identified in Section 506.3.3., "Training," by all applicable personnel before employees work on the project. Document and maintain and make available upon request, a list, signed by the CRPE, of all applicable Contractor and subcontractor employees who have completed the training. Include the employee's name, the training course name, and date the employee completed the training.

**Section 506.3.3., "Training,"** is supplemented by the following:

Training is provided by the Department at no cost to the Contractor and is valid for 3 yr. from the date of completion. The Engineer may require the following training at a frequency less than 3 yr. based on environmental needs:

- "Environmental Management System: Awareness Training for the Contractor" (English and Spanish) (Approximate running time 20 min.), and
- "Storm Water: Environmental Requirements During Construction" (English and Spanish) (Approximate running time 20 min.).

The Contractor responsible person environmental (CRPE), alternate CRPE designated for emergencies, Contractor's superintendent, Contractor, and subcontractor lead personnel involved in soil disturbing or SWP3 activities must enroll in and complete the training listed below and maintain and make available upon request the certificate of completion. Training is provided by a third party and is valid for 3 yr. from the date shown on the Certificate of Completion. Coordinate enrollment as prescribed by the Department and pay associated fees for the following training:

- "Revegetation During Construction,"
- "Construction General Permit Compliance," and
- "Construction Stage Gate Checklist (CSGC)."

Training and associated fee will not be measured or paid for directly but are subsidiary to this Item.

# Special Provision to Item 520
# Weighing and Measuring Equipment

Item 520, "Weighing and Measuring Equipment" of the Standard Specifications is amended with respect to the clauses cited below. No other clauses or requirements of this Item are waived or changed.

**Article 520.2., "Equipment."** The third paragraph is voided and replaced by the following.

Calibrate truck scales using weights certified by the Texas Department of Agriculture (TDA) or an equivalent agency as approved. Provide a written calibration report from a scale mechanic for truck scale calibrations. Cease plant operations during the checking operation. Do not use inaccurate or inadequate scales. Bring performance errors as close to zero as practicable when adjusting equipment.

**Article 520.2., "Equipment."** The fourth paragraph is amended to include the following:

At the Contractors option, an electronic ticket delivery system (e-ticketing) may be used instead of printed tickets. The use of e-ticketing will require written approval of the Engineer. At a minimum, the approved system will:

- Provide electronic, real-time e-tickets meeting the requirements of the applicable bid items;
- Automatically generate e-tickets using software and hardware fully integrated with the automated scale system used to weigh the material, and be designed in such a way that data input cannot be altered by the Contractor or the Engineer;
- Provide the Engineer access to the e-ticketing data in real-time with a web-based or app-based system compatible with iOS;
- Provide offline capabilities to prevent data loss if power or connectivity is lost;
- Require both the Contractor and the Engineer to accept or reject the e-ticket and provide the ability to record the information required by the applicable bid items, as well as any comments. Record the time of the approval/rejection and include it in the summary spreadsheet described below. Provide each party the capability to edit their respective actions and any entered information;

The Contractor may discontinue use of the e-ticket system and provide printed tickets as needed to meet the requirements of the applicable bid items.

# Special Provision to Special Specification 6185
# Truck Mounted Attenuator (TMA) and Trailer Attenuator (TA)

Item 6185, "Truck Mounted Attenuator (TMA) and Trailer Attenuator (TA)" 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 4. "Measurement",** is voided and replaced by the following:

4.1. **Truck Mounted Attenuator/Trailer Attenuator (Stationary).** This Item will be measured by the day. TMA/TAs must be set up in a work area and operational before a calendar day can be considered measureable. A day will be measured for each TMA/TA set up and operational on the worksite.

4.2. **Truck Mounted Attenuator/Trailer Attenuator (Mobile Operation).** This Item will be measured by the hour or by the day. The time begins once the TMA/TA is ready for operation at the predetermined site and stops when notified by the Engineer. When measurement by the hour is specified, a minimum of 4 hr. will be paid each day for each operating TMA/TA used in a mobile operation. When measurement by the day is specified, a day will be measured for each TMA/TA set up and operational on the worksite.

# Special Specification 1005
# Loose Aggregate for Groundcover

## 1. DESCRIPTION

Furnish and install loose aggregate for groundcover as shown on the plans or as directed.

## 2. MATERIALS

Furnish material in accordance with the plans.

## 3. CONSTRUCTION

Use construction methods in accordance with the plans.

## 4. MEASUREMENT

This Item will be measured by the cubic yard or square yard of the depth specified.

## 5. PAYMENT

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 "Loose Aggregate for Groundcover" of type specified. This price is full compensation for furnishing all materials, equipment, labor, and incidentals.

# Special Specification 1006
# Landscape Soil Amendment

## 1. DESCRIPTION

Install landscape soil amendment as shown on the plans or as directed.

## 2. MATERIALS

Furnish materials in accordance with the plans.

## 3. CONSTRUCTION

Use construction methods in accordance with the plans.

## 4. MEASUREMENT

This Item will be measured by square yard.

## 5. PAYMENT

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 "Landscape Soil Amendment" or "Landscape Soil Amendment" of type specified. This price is full compensation for furnishing all materials, equipment, labor, and incidentals.

# Special Specification 1022
# Landscape Treatment

## 1. DESCRIPTION

Apply landscape treatment as shown on the plans.

## 2. MATERIALS

Furnish materials in accordance with the plans.

## 3. WORK METHODS

The frequency and duration of treatment and other scheduled work items will be as shown on the plans, or as directed.

Use treatment methods in accordance with the plans.

## 4. MEASUREMENT

This Item will be measured by each Landscape Treatment completed.

## 5. PAYMENT

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 "Landscape Treatment" or "Landscape Treatment" of type specified. This price is full compensation for furnishing materials, equipment, labor, tools, and incidentals. Traffic control will not be paid for directly but will be subsidiary to this Item, unless otherwise shown on the plans.

If the landscape treatment is not completed at the frequency as specified, the total contract price for that treatment will be forfeited.

# Special Specification 6001
# Portable Changeable Message Sign

## 1. DESCRIPTION

Furnish, operate, and maintain portable trailer mounted changeable message sign (PCMS) units.

## 2. MATERIALS

Furnish new or used material in accordance with the requirements of this Item and the details shown on the plans. Provide a self-contained PCMS unit with the following:

- Sign controller
- Changeable Message Sign
- Trailer
- Power source

Paint the exterior surfaces of the power supply housing, supports, trailer, and sign with Federal Orange No. 22246 or Federal Yellow No. 13538 of Federal Standard 595C, except paint the sign face assembly flat black.

2.1. **Sign Controller**. Provide a controller with permanent storage of a minimum of 75 pre-programmed messages. Provide an external input device for random programming and storage of a minimum of 75 additional messages. Provide a controller capable of displaying up to 3 messages sequentially. Provide a controller with adjustable display rates. Enclose sign controller equipment in a lockable enclosure.

2.2. **Changeable Message Sign**. Provide a sign capable of being elevated to at least 7 ft. above the roadway surface from the bottom of the sign. Provide a sign capable of being rotated 360° and secured against movement in any position.

Provide a sign with 3 separate lines of text and 8 characters per line minimum. Provide a minimum 18 in. character height. Provide a 5 × 7 character pixel matrix. Provide a message legibility distance of 600 ft. for nighttime conditions and 800 ft. for normal daylight conditions. Provide for manual and automatic dimming light sources.

The following are descriptions for 3 screen types of PCMS:

- **Character Modular Matrix**. This screen type comprises of character blocks.
- **Continuous Line Matrix**. This screen type uses proportionally spaced fonts for each line of text.
- **Full Matrix**. This screen type uses proportionally spaced fonts, varies the height of characters, and displays simple graphics on the entire sign.

2.3. **Trailer**. Provide a 2 wheel trailer with square top fenders, 4 leveling jacks, and trailer lights. Do not exceed an overall trailer width of 96 in. Shock mount the electronics and sign assembly.

2.4. **Power Source**. Provide a diesel generator, solar powered power source, or both. Provide a backup power source as necessary.

2.5. **Cellular Telephone**. When shown on the plans, provide a cellular telephone connection to communicate with the PCMS unit remotely.

## 3. CONSTRUCTION

Place or relocate PCMS units as shown on the plans or as directed. The plans will show the number of PCMS units needed, for how many days, and for which construction phases.

Maintain the PCMS units in good working condition. Repair damaged or malfunctioning PCMS units as soon as possible. PCMS units will remain the property of the Contractor.

## 4. MEASUREMENT

This Item will be measured by each PCMS or by the day used. All PCMS units must be set up on a work area and operational before a calendar day can be considered measurable. When measurement by the day is specified, a day will be measured for each PCMS set up and operational on the worksite.

## 5. PAYMENT

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 "Portable Changeable Message Sign." This price is full compensation for PCMS units; set up; relocating; removing; replacement parts; batteries (when required); fuel, oil, and oil filters (when required); cellular telephone charges (when required); software; and equipment, materials, tools, labor, and incidentals.

# Special Specification 6185

# Truck Mounted Attenuator (TMA) and Trailer Attenuator (TA)

## 1. DESCRIPTION

Furnish, operate, maintain and remove upon completion of work, Truck Mounted Attenuator (TMA) or Trailer Attenuator (TA).

## 2. MATERIALS

Furnish, operate and maintain new or used TMAs or TAs. Assure used attenuators are in good working condition and are approved for use. A list of approved TMA/TA units can be found in the Department's Compliant Work Zone Traffic Control Devices List. The host vehicle for the TMA and TA must weigh a minimum of 19,000 lbs. Host vehicles may be ballasted to achieve the required weight. Any weight added to the host vehicle must be properly attached or contained within it so that it does not present a hazard and that proper energy dissipation occurs if the attenuator is impacted from behind by a large truck. The weight of a TA will not be considered in the weight of the host vehicle but the weight of a TMA may be included in the weight of the host vehicle. Upon request, provide either a manufacturer's curb weight or a certified scales weight ticket to the Engineer.

## 3. CONSTRUCTION

Place or relocate TMA/TAs as shown on the plans or as directed. The plans will show the number of TMA/TAs needed, for how many days or hours, and for which construction phases.

Maintain the TMA/TAs in good working condition. Replace damaged TMA/TAs as soon as possible.

## 4. MEASUREMENT

4.1. **Truck Mounted Attenuator/Trailer Attenuator (Stationary).** This Item will be measured by the each or by the day. TMA/TAs must be set up in a work area and operational before a calendar day can be considered measurable. When measurement by the day is specified, a day will be measured for each TMA/TA set up and operational on the worksite.

4.2. **Truck Mounted Attenuator/Trailer Attenuator (Mobile Operation).** This Item will be measured by the hour. The time begins once the TMA/TA is ready for operation at the predetermined site and stops when notified by the Engineer. A minimum of 4 hr. will be paid each day for each operating TMA/TA used in a mobile operation.

## 5. PAYMENT

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 "Truck Mounted Attenuators/Trailer Attenuators (Stationary)," or "Truck Mounted Attenuators/Trailer Attenuators (Mobile Operation)." This price is full compensation for furnishing TMA/TA: set up; relocating; removing; operating; fuel; and equipment, materials, tools, labor, and incidentals.

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