



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

PAT MCCRORY  
GOVERNOR

ANTHONY J. TATA  
SECRETARY

December 8, 2014

**Addendum No. 1**

RE: Contract ID C203513

WBS # 35781.3.FD1

F.A. # STP-0220(72)

**Pitt County (U-3315)**

Stantonburg Road/ 10<sup>th</sup> Street Connector From Memorial Drive  
To SR-1702 (Evans Street)

**December 16, 2014 Letting**

To Whom It May Concern:

Reference is made to the proposal form furnished to you on this project.

The following revisions have been made to the proposal:

Page No.	Revisions
Proposal Cover	Note added that reads "Includes Addendum No. 1 Dated 12-08-14"
R-5	Revised the 2 <sup>nd</sup> , 6 <sup>th</sup> and 7 <sup>th</sup> paragraphs on this page within the project special provision entitled "Sealed Drainage System"
R-6	Revised the last paragraph on this page within the project special provision entitled "Sealed Drainage System"
R-11	Revised the third paragraph on this page within the project special provision entitled "Sealed Drainage System"
ST-18 thru ST-29a	Updated the CSX Transportation special provisions

Please void the above listed pages in your proposal and replace with the attached revised pages. Staple new Page No. 29a after revised Page No. 29.

**MAILING ADDRESS:**  
NC DEPARTMENT OF TRANSPORTATION  
CONTRACT STANDARDS AND DEVELOPMENT UNIT  
1591 MAIL SERVICE CENTER  
RALEIGH NC 27699-1591

TELEPHONE: 919-707-6900  
FAX: 919-250-4119  
WEBSITE: [www.ncdot.gov](http://www.ncdot.gov)

**LOCATION:**  
CENTURY CENTER COMPLEX  
ENTRANCE B-2  
1020 BIRCH RIDGE DRIVE  
RALEIGH NC 27610

On the item sheets the following pay items have added.

<u>Item</u>	<u>Description</u>	<u>Old Quantity</u>	<u>New Quantity</u>
322-5691400000-E-1520	10" Sanitary Gravity Sewer	NEW ITEM	60 LF
323-5801000000-E-1530	Abandon 8" Utility Pipe	NEW ITEM	5,132 LF
324-5802000000-E-1530	Abandon 10" Utility Pipe	NEW ITEM	314 LF
325-5804000000-E-1530	Abandon 12" Utility Pipe	NEW ITEM	2,890 LF

The Contractor's bid must include these new pay items. The contract will be prepared accordingly.

The Expedite File has been updated to reflect these revisions. Please download the Expedite Addendum File and follow the instructions for applying the addendum. Bid Express will not accept your bid unless the addendum has been applied.

Sincerely,



R. A. Garris, PE  
Contract Officer

RAG/jag  
Attachments

cc: Mr. Ron Hancock, PE	Mr. Ray Arnold, PE
Mr. John Rouse, PE	Ms. Natalie Roskam, PE
Ms. D. M. Barbour, PE	Mr. Ronnie Higgins
Mr. Rodger Rochelle, PE	Mr. Mike Gwyn
Mr. R.E. Davenport, PE	Ms. Marsha Sample
Mr. Tom Koch, PE	Ms. Lori Strickland
Mr. Ron Wilkins, PE	Ms. Jaci Kincaid
Project File (2)	

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH, N.C.

PROPOSAL

INCLUDES ADDENDUM No.1 DATED 12-8-14

DATE AND TIME OF BID OPENING: **DECEMBER 16, 2014 AT 2:00 PM**

CONTRACT ID C203513  
WBS 35781.3.FD1

FEDERAL-AID NO. STP-0220(72)

COUNTY PITT

T.I.P. NO. U-3315

MILES 1.447

ROUTE NO.

LOCATION STANTONBURG RD/10TH ST CONNECTOR FROM MEMORIAL DR TO SR-1702 (EVANS ST).

TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNING, SIGNALS, AND STRUCTURE.

**NOTICE:**

ALL BIDDERS SHALL COMPLY WITH ALL APPLICABLE LAWS REGULATING THE PRACTICE OF GENERAL CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA WHICH REQUIRES THE BIDDER TO BE LICENSED BY THE N.C. LICENSING BOARD FOR CONTRACTORS WHEN BIDDING ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. BIDDERS SHALL ALSO COMPLY WITH ALL OTHER APPLICABLE LAWS REGULATING THE PRACTICES OF ELECTRICAL, PLUMBING, HEATING AND AIR CONDITIONING AND REFRIGERATION CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA. NOTWITHSTANDING THESE LIMITATIONS ON BIDDING, THE BIDDER WHO IS AWARDED ANY FEDERAL - AID FUNDED PROJECT SHALL COMPLY WITH CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA FOR LICENSING REQUIREMENTS WITHIN 60 CALENDAR DAYS OF BID OPENING.

**BIDS WILL BE RECEIVED AS SHOWN BELOW:**

**THIS IS A ROADWAY & STRUCTURE PROPOSAL**

**5% BID BOND OR BID DEPOSIT REQUIRED**

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sheets with line type "Known Soil Contamination". The documented areas of groundwater contamination are indicated on corresponding plan sheets with line type "Potential Soil Contamination" with a supplemental label of either "Petroleum Impacted Groundwater" or "Solvent Impacted Groundwater". A special sealed drainage system has been designated on the plans as "Sealed System". Most of the special sealed drainage system passes through areas of documented groundwater contamination and with invert elevations below the groundwater table. Handling of contaminated groundwater removed from the excavation and handling of excavated contaminated soil, including any soil that is excavated from below the groundwater table within an area indicated to have groundwater contamination, shall be governed by GV-1 Project Special Provisions GeoEnvironmental Contaminated Water and Soil (9/30/2014).

The work covered by the Special Sealed Drainage System provision consists of constructing a special sealed system of underground storm drainage pipes and structures and shall also be in accordance with the applicable requirements of Section 300 of the *Standard Specifications*. The extents of the sealed drainage system shall be adhered to as shown on the drainage summary sheets of the plans, or as directed by the Engineer.

No underdrains will be allowed for any reason within the extents of the sealed drainage system, as referenced above.

### **Materials**

The Engineer shall approve all backfill material.

Portland Cement Concrete shall meet the requirements of Section 1000 of the *Standard Specifications*. Xypex Admix C-1000 or approved equal shall be blended into the concrete mix at the time of batching, per the manufacturer's recommendations. All concrete installed as part of the sealed pipe system (pipe, collar, drainage structures) shall include the Xypex Admix C-1000 or approved equal.

Prior to installation, the entire exterior surface of all concrete pipe, structures, and collars shall be cleaned and coated with one coat of 20% solids, deeply penetrating, dual-component polyurea primer (0.5 – 1.0 mils DFT, 150 ft<sup>2</sup>/gal), one intermediate coat of a dual component polyurea (50-100 mils DFT, 50 ft<sup>2</sup>/gal) and one top coat of a 65% solids, two-part polyurea (7.5 – 10 mils DFT, 125 ft<sup>2</sup>/gal). All coats can be applied by brush, spray, or roller. Polyurea coatings shall be Raven 405, or approved equal. The coating shall be applied per the manufacturer's specifications. Damaged polyurea coating shall be repaired with an approved polyurea patching material.

Reinforced concrete drainage pipe shall be Class III, Class IV, or Class V (as shown on the drainage summary sheets) and shall conform to ASTM C76. The interior of the pipe joint shall be sealed with a mastic jointing compound. Such pipe shall have bell and spigot ends and shall be installed with MacWrap Neoprene exterior sealing bands, as manufactured by Mar Mac, or approved equal. The exterior sealing bands shall be installed per the manufacturer's recommendations. A concrete collar shall be poured around the exterior of the sealing band. This concrete collar shall be composed of the same concrete as the pipe and structures, and shall be coated in the same manner. Concrete collars shall be in accordance with *Standard Drawing No. 840.72* except dimensions in column "E" shall be reduced by 6 inches. Reinforced concrete drainage pipe that is bore and jack will not require exterior sealing bands nor concrete collars.

Drainage Structures shall be precast concrete conforming to ASTM C478 and shall be as shown on the plans. Joints between sections shall conform to ASTM C443. Joints shall be sealed with O-Ring gaskets in accordance with the applicable sections of ASTM C443. O-Ring gaskets shall be made of Nitrile Teflon, or other gasoline resistant material and shall be approved for use with precast drainage structure sections.

Connection of pipe to drainage structures shall be by a flexible, resilient connector conforming to the applicable requirements of ASTM C923. The drainage structure to pipe connector ("boot") shall be made of Neoprene with stainless steel fastening bands.

Grout used in precast drainage structure shall meet the requirements of Article 1040-9 of the *Standard Specifications* except that the mixture shall consist of 1 part portland cement to 2 part mortar sand.

The Contractor shall submit to the Engineer catalog cuts and/or shop drawings for materials he proposes to use on the project.

Materials which have not been approved shall not be delivered to the project. Eight (8) copies of each catalog cut and/or drawing shall be submitted and each shall show the material description, brand name, stock number, size, rating, manufacturing specification and the use for which it is intended.

### **Construction Methods**

#### Trenches and Backfill for Sealed Drainage System Construction:

Trenches and backfill shall be done as shown on the details in the plans. Backfill with contaminated material is prohibited. All handling of excavated contaminated soil and contaminated water removed from the excavation shall be governed by GV-1 Project Special Provisions GeoEnvironmental Contaminated Water and Soil (9/30/2014).

In general, all portions of the excavations shall be made so that the safe slope of the earth is not exceeded. It shall be the responsibility of the Contractor to properly and adequately protect any part of the excavation from caving or slipping by the use of sheeting, bracing, or shoring as required. All timbering or underpinning shall be put in place or driven by personnel skilled in such work and shall be so arranged that it may be withdrawn as backfilling progresses without disturbing the pipe or adjacent area.

**Trench Excavation:** No more trench (100' ±) shall be opened in advance of the pipe laying than is necessary to expedite the work unless prior approval is given by the Engineer. Ground conditions and/or location requirements shall govern the amount of trench open at any one time as determined by the Engineer.

**Trench Width:** Trench width for all pipe shall be equal to the outside diameter (as measured at the bells) of the pipe plus 36 inches. Trench width shall be measured between faces of cut at the top of the pipe bell. At concrete collar locations trench width may be increased an appropriate amount to accommodate construction.

The quantity of Reinforced Concrete drainage pipe for the sealed drainage system measured as provided above and accepted will be paid for at the contract unit prices per linear foot for the various sizes.

The quantity of precast drainage structures for the sealed drainage system measured as provided above and accepted will be paid for at the contract unit price per each for the various diameters and at the contract unit price per linear foot of depth for that portion of the drainage structure from a height of 5 feet to 10 feet. For that portion of the drainage structure above a height of 10 feet, payment will be made at 1.3 times the contract unit price per linear foot.

Such prices and payments will be full compensation for all work covered by these special provisions, including, but not limited to: materials, labor, equipment, backfilling, compaction, testing, pumping, Portland Cement Concrete admixtures, polyurea coatings, neoprene exterior sealing bands, O-Ring gaskets, concrete collars and incidentals necessary to complete the work as required.

Payment will be made under:

**Pay Items**

15" RC Pipe Culverts, Class III (Sealed)  
 30" RC Pipe Culverts, Class III (Sealed)  
 36" RC Pipe Culverts, Class III (Sealed)  
 48" RC Pipe Culverts, Class III (Sealed)  
 54" RC Pipe Culverts, Class III (Sealed)  
 60" RC Pipe Culverts, Class III (Sealed)  
 15" RC Pipe Culverts, Class IV (Sealed)  
 18" RC Pipe Culverts, Class IV (Sealed)  
 24" RC Pipe Culverts, Class IV (Sealed)  
 30" RC Pipe Culverts, Class IV (Sealed)  
 36" RC Pipe Culverts, Class IV (Sealed)  
 42" RC Pipe Culverts, Class IV (Sealed)  
 48" RC Pipe Culverts, Class IV (Sealed)  
 54" RC Pipe Culverts, Class IV (Sealed)  
 60" RC Pipe Culverts, Class IV (Sealed)  
 66" RC Pipe Culverts, Class IV (Sealed)  
 72" RC Pipe Culverts, Class IV (Sealed)  
 60" RC Pipe Culverts, Class V (Sealed)  
 54" RC Pipe Culverts, Class V (Under RR) (Sealed)  
 Structure Sealed with Boots

**Pay Units**

Linear Foot  
 Linear Foot  
 Linear Foot  
 Linear Foot  
 Linear Foot  
 Linear Foot  
 Linear Foot  
 Linear Foot  
 Linear Foot  
 Linear Foot  
 Linear Foot  
 Linear Foot  
 Linear Foot  
 Linear Foot  
 Linear Foot  
 Linear Foot  
 Linear Foot  
 Linear Foot  
 Linear Foot  
 Each

**ROOF DRAIN SYSTEM:**

**Description**

The work covered by this section includes the construction of the roof drain system necessary to tie the existing roof drains into the proposed drainage system as shown on the roof drain system detail in the plans.

Do not place grout if the grout temperature is less than 50°F or more than 90°F or if the air temperature measured at the location of the grouting operation in the shade away from artificial heat is below 45°F.

Provide grout at a rate that permits proper handling, placing and finishing in accordance with the manufacturer’s recommendations unless directed otherwise by the Engineer. Use grout free of any lumps and undispersed cement. Agitate grout continuously before placement.

Control grout delivery so the interval between placing batches in the same component does not exceed 20 minutes.

The Engineer will determine the locations to sample grout and the number and type of samples collected for field and laboratory testing. The compressive strength of the grout will be considered the average compressive strength test results of 3 cube or 2 cylinder specimens at 28 days.

**4.0 Basis Of Payment**

No separate payment will be made for “Grout for Structures”. The cost of the material, equipment, labor, placement, and any incidentals necessary to complete the work shall be considered incidental to the structure item requiring grout.

**RAILROAD GENERAL SPECIAL PROVISIONS - CSX TRANSPORTATION, INC.**

When performing work on, over or adjacent to CSX transportation (“CSXT”) right-of-way or operations, selected contractor (“Contractor”) must abide by the current CSXT Special Provisions and the following additional requirements.

**I. AUTHORITY OF CSXT ENGINEER**

The CSXT Representative shall have final authority in all matters affecting the safe maintenance of CSXT operations and CSXT property, and his or her approval shall be obtained by the Contractor for methods of construction to avoid interference with CSXT operations and CSXT property and all other matters contemplated by the Agreement and these Special Provisions.

**II. INTERFERENCE WITH CSXT OPERATIONS**

A. Contractor shall arrange and conduct its work so that there will be no interference with CSXT operations, including trail, signal, telephone and telegraphic services, or damage to CSXT’s property, or to poles, wires, and other facilities of tenants on CSXT’s Property or right-of-way. Contractor shall store materials so as to prevent trespassers from causing damage to trains, or CSXT Property. Whenever Work is likely to affect the operations or safety of trains, the method of doing such Work shall first be submitted to the CSXT Representative for approval, but such approval shall not relieve Contractor from liability in connection with such Work.

B. If conditions arising from or in connection with the Project require that immediate and unusual provisions be made to protect train operation or CSXT’s property,

Contractor shall make such provision. If the CSXT Representative determines that such provision is insufficient, CSXT may, at the expense of the Contractor, require or provide such provision as may be deemed necessary, or cause the Work to cease immediately.

III. NOTICE OF STARTING WORK

The Contractor shall not commence any work on CSXT Property or rights-of-way until it has complied with the following conditions:

- A. Notify CSXT in writing of the date that it intends to commence Work on the Project. Such notice must be received by CSXT at least ten business days in advance of the date the Contractor proposes to begin Work on CSXT property. The notice must refer to this Agreement by date. If flagging service is required, such notice shall be submitted at least thirty (30) business days in advance of the date scheduled to commence the Work.
- B. Obtain authorization from the CSXT Representative to begin Work on CSXT property. Such authorization to include an outline of specific conditions with which it must comply.
- C. Obtain from CSXT the names, addresses, and telephone numbers of CSXT's personnel who must receive notice under provisions in the Agreement. Where more than one individual is designated, the area of responsibility of each shall be specified.

IV. WORK CORRESPONDENCE AND SUBMITTALS

All construction related correspondence will be directed to AECOM, acting as the Construction Monitoring Representative ("CMR") on behalf of CSXT, with the following contact and address:

Mr. Brian V. Harrison, PE  
Manager – Construction Services  
AECOM  
1700 Market Street, Suite 1600  
Philadelphia, PA 19103  
(215) 735-0832

Upon receipt of notification, the CMR will direct the Contractor to the local CSXT construction contact for the project.

All required work plan submittals shall be forwarded to and approved in writing by the Railroad Company prior to proceeding with the work of each applicable phase. Up to thirty (30) days will be required to review all submittals. Up to an additional thirty (30) days will be required to review any subsequent submissions returned not approved.



**V. REQUIRED SUBMITTALS**

The Contractor shall submit, including but not limited to, the following construction procedures and documents. All submittals shall be in accordance with the CSXT Construction Submission Criteria. The Contractor shall obtain written acceptance of each before proceeding with maintenance work or entering railroad right of way.

- A. Means and Methods – The Contractor shall develop a detailed submission indicating the progression of work with specific times when tasks will be performed during the project. This submission may require a walkthrough at which time CSXT and/or the CMR will be present. Work will not be permitted to commence until the Contractor has provided CSXT with a satisfactory plan that project will be undertaken without scheduling, performance or safety related issues. Provide a listing of the anticipated equipment to be used, the location of all equipment to be used and insure a contingency plan of action is in place should a primary piece of equipment malfunction. All work in the vicinity of CSXT property that has the potential of affecting CSXT train operations must be submitted and approved by CSXT prior to work being performed. This submission will also include a detailed narrative discussing the coordination of project safety issues between NCDOT, Contractor, CSXT and the CMR. The narrative shall address project level coordination and day to day, specific work operations including equipment operations and temporary works.
- B. Erection Procedures are required to be submitted to CSXT or the CMR in accordance with the CSXT Construction Submission Criteria. Excavation and Shoring, and Track Monitoring Procedures may be required to be submitted to CSXT or the CMR in accordance with the CSXT Construction Submission Criteria. The CSXT Construction Submission Criteria should be referred to and complied with prior to the preparation of submissions, as it contains specific requirements that could impact the Contractor's material selection and methods or operations for work near the railroad. Revisions to Contractor submissions may not be field approved. Any deviation(s) from a previously accepted plan including equipment substitutions will require a formal resubmission of the procedure for review and acceptance prior to performing any work. A Professional Engineer in the State of North Carolina must sign and seal the plans.
- C. Ballast Protection – A ballast protection system may be required at the sole discretion of CSXT depending on the contractor's proposed methods to perform the work. The system shall use filter fabric and indicate the anchorage system. The ballast protection is to extend a minimum of 25' beyond the proposed limit of work or greater as determined by CSXT and be continuously maintained to prevent all contaminants from entering the ballast section of all tracks for the entire duration of the project.
- D. Construction Schedule – Submit a detailed construction schedule for the duration of the project clearly indicating the time periods while working on and around CSXT

right-of-way. As the work progresses, the schedule shall be updated and resubmitted as necessary to reflect changes in work sequence, duration and method, etc.

- E. Insurance – Submit all necessary insurance information in accordance with the current CSXT Insurance Requirements for approval. The complete original policies should be submitted to:

[insurancedocuments@csx.com](mailto:insurancedocuments@csx.com)

with a copy to the CMR. The insurance policies will be required to be in place and approved prior to any work commencing on or that could potentially impact CSXT right-of-way.

- F. Emergency Action Plan – Submit an emergency action plan indicating the location of the site, contact numbers, access to the site, instructions for emergency response and location of the nearest hospitals. This plan should cover all items required in the event of an emergency at the site including fire suppression. Coordinate the Emergency Action Plan with the safety related discussion of the Means and Methods submission discussed above. The plan should also include a method to provide this information to each project worker for each day on site.

VI. WORK FOR THE BENEFIT OF THE CONTRACTOR

- A. No temporary or permanent changes to wire lines or other facilities (other than third party fiber optic cable transmission systems) on CSXT property that are considered necessary to the Work are anticipated or shown on the Plans. If any such changes are, or become, necessary in the opinion of CSXT or NCDOT, such changes will be covered by appropriate revisions to the Plans and by preparation of a force account estimate. Such force account estimate may be initiated by either CSXT or NCDOT, but must be approved by both CSXT and NCDOT. The Contractor shall be responsible for arranging for the relocation of the third party fiber optic cable transmission systems, at no cost or expense to CSXT.
- B. Should the Contractor desire any changes in addition to the above, then it shall make separate arrangements with CSXT for such changes to be accomplished at the Contractor's expense.

VII. HAUL ACROSS RAILROAD

- A. If Contractor desires access across CSXT property or tracks at other than an existing and open public road crossing in or incident to construction of the Project, the Agency or Contractor must first obtain the permission of CSXT and shall execute a license agreement or right of entry satisfactory to CSXT, wherein Agency or Contractor agrees to bear all costs and liabilities related to such access.

- B. NCDOT and Contractor shall not cross CSXT's property and tracks with vehicles or equipment of any kind or character, except at such crossing or crossings as may be permitted pursuant to this section.
- C. Contractor access will be limited to the immediate project area only. The CSXT right-of-way may not be used for contractor access to the project site and no temporary at-grade crossings will be allowed

VIII. COOPERATION AND DELAYS

- A. The Contractor shall arrange a schedule with CSXT for accomplishing work by CSXT. In arranging its schedule, Contractor shall ascertain, from CSXT, the lead time required for assembling crews and materials and shall make due allowance therefore.
- B. The Contractor may not charge any costs or submit any claims against CSXT for hindrance or delay caused by railroad traffic; work done by CSXT or other delay incident to or necessary for safe maintenance of railroad traffic; or for any delays due to compliance with these Special Provisions.
- C. The Contractor shall cooperate with others participating on this Project to the end that all work may be carried on to the best advantage.
- D. The Contractor understands and agrees that neither NCDOT nor CSXT assume any responsibility for work performed by others in connection with the Project. The Contractor further understands and agrees that they shall have no claim whatsoever against NCDOT or CSXT for any inconvenience, delay or additional cost incurred by the Contractor on account of operations by others.

IX. STORAGE OF MATERIALS AND EQUIPMENT

The CSXT right-of-way must remain clear for railroad use at all times. Contractor shall not store their materials or equipment on CSXT's property, right-of-way, or where they may potentially interfere with CSXT's operations, unless Contractor has received CSXT Representative's prior written permission. Contractor understand and agree that CSXT will not be liable for any damage to such materials and equipment from any cause and that CSXT may move, or require Contractor to move, such material and equipment at Contractor's sole expense. To minimize the possibility of damage to the railroad tracks resulting from the unauthorized use of equipment, all grading or other construction equipment that is left parked near the tracks unattended by watchmen shall be immobilized to the extent feasible so that it cannot be moved by unauthorized persons.

X. CONSTRUCTION PROCEDURES

A. General

- 1. Work on CSXT property shall be subject to CSXT inspection and approval.

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Pitt County

2. Work on CSXT property shall be in accord with CSXT's written outline of specific conditions and with these Special Provisions.
3. Contractor shall observe the terms and rules of the CSXT Safe Way manual, which Agency and Contractor shall be required to obtain from CSXT, and in accord with any other instructions furnished by CSXT or CSXT's Representative.
4. Contractor access will be limited to the immediate project area only. The CSXT right-of-way may not be used for contractor access to the project site.
5. The Contractor will be required to abide by the provisions of the NCDOT/CSXT Railroad Agreement. Periodically, throughout the project duration, the Contractor will be required to meet, discuss and, if necessary, take immediate action at the discretion of CSXT personnel to comply with provisions of that agreement and these specifications.
6. Contractor agrees to fully comply with all federal, state, and local environmental laws, regulations, statutes and ordinances at all times.
7. To provide proper signal preview by railroad engineers, substructure units / superstructure girders or beams may not be erected until the railroad signals are installed at / relocated to their proposed permanent locations by CSXT forces.
8. To ensure that the permanent minimum required vertical clearance of 23'-2" ATR (above top of rail, measured 6'-0" from centerline of tracks) is achieved in the as-built condition, the Contractor shall furnish as-built bridge seat elevations and the base line TOR data analysis upon completion of the bridge substructure to verify that the as-built condition will achieve the required 23'-2" vertical clearance ATR.
9. CSXT Emergency Number: The CSXT telephone number for emergencies is 800-232-0144. Reference the CSXT Milepost and DOT # for the project, as shown in the subject project description above, when calling.

### B. Blasting

1. Contractor shall obtain CSXT Representative's and Agency Representative's prior written approval for use of explosives on or adjacent to CSXT property. If permission for use of explosives is granted, Contractor must comply with the following:
  - a. Blasting shall be done with light charges under the direct supervision of a responsible officer or employee of Contractor.
  - b. Electric detonating fuses shall not be used because of the possibility of premature explosions resulting from operation of two-way train radios.
  - c. No blasting shall be done without the presence of an authorized representative of CSXT. At least thirty (30) days advance notice to CSXT Representative is required to arrange for the presence of an authorized CSXT representative and any flagging that CSXT may require.
  - d. Contractor must have at the Project site adequate equipment, labor and materials, and allow sufficient time, to (i) clean up (at Contractor's expense)

debris resulting from the blasting without any delay to trains; and (ii) correct (at Contractor's expense) any track misalignment or other damage to CSXT's property resulting from the blasting, as directed by CSXT Representative, without delay to trains. If Contractor's actions result in delay of any trains, including Amtrak passenger trains, Agency shall bear the entire cost thereof.

- e. Contractor shall not store explosives on CSXT property.
2. CSXT Representative will:
- a. Determine the approximate location of trains and advise Contractor of the approximate amount of time available for the blasting operation and clean-up.
  - b. Have the authority to order discontinuance of blasting if, in his or her opinion, blasting is too hazardous or is not in accord with these Special Provisions.

#### XI. MAINTENANCE OF DITCHES ADJACENT TO CSXT TRACKS

Contractor shall maintain all ditches and drainage structures free of silt or other obstructions that may result from their operations. Contractor shall provide erosion control measures during construction and use methods that accord with applicable state standard specifications for road and bridge construction, including either (1) silt fence; (2) hay or straw barrier; (3) berm or temporary ditches; (4) sediment basin; (5) aggregate checks; and (6) channel lining. All such maintenance and repair of damages due to Contractor's operations shall be performed at Contractor's expense.

No stormwater from the project may discharge onto the CSXT right-of-way at any time during construction.

The Contractor may be required to submit a detailed erosion control plan for review and acceptance by CSXT or the CMR prior to performing any work.

#### XII. FLAGGING / INSPECTION SERVICE

- A. CSXT has sole authority to determine the need for flagging required to protect its operations and property. In general, flagging protection will be required whenever Contractor or their equipment are, or are likely to be, working within fifty (50) feet of live track or other track clearances specified by CSXT, or over tracks.
- B. All equipment operations that could potentially impact CSXT right-of-way must be coordinated with the CSXT Flagman.
- C. NCDOT shall reimburse CSXT directly for all costs of flagging that is required on account of work within CSXT property shown in the Plans, or that is covered by an approved plan revision, supplemental agreement or change order. All bills shall be prepared in accordance with the Federal-Aid Policy Guide 23 CFR 646B.

- D. The Contractor shall give a minimum of thirty (30) days advance notice to CSXT Representative for anticipated need for flagging service. Flagging requests should be made to CSXT Roadmaster, Monte Stokes, at telephone (252) 407-2675. No work shall be undertaken until the flag person(s) is/are at the job site. While CSXT cannot guarantee the availability of flagmen at all requested times, every accommodation will be extended to the Contractor when forces are available. If it is necessary for CSXT to advertise a flagging job for bid, it may take up to 90 days to obtain this service and CSXT shall not be liable for the cost of delays attributable to obtaining such service. Termination or cancellation of a flagman requires ten (10) days notice to avoid incurring costs.
- E. CSXT shall have the right to assign an individual to the site of the Project to perform inspection service whenever, in the opinion of CSXT Representative, such inspection may be necessary. NCDOT shall reimburse CSXT for the costs incurred by CSXT for such inspection service. Inspection service shall not relieve the Contractor from liability for its Work.
- F. CSXT shall render invoices for, and NCDOT shall pay for, the actual pay rate of the flag persons and inspectors used, plus standard additives, whether that amount is above or below the rate provided in the Estimate. If the rate of pay that is to be used for inspector or flagging service is changed before the work is started or during the progress of the work, whether by law or agreement between CSXT and its employees, or if the tax rates on labor are changed, bills will be rendered by CSXT and paid by NCDOT using the new rates. The Contractor shall perform their operations that require flagging protection or inspection service in such a manner and sequence that the cost of such will be as economical as possible.

### XIII. CLEAN-UP

The Contractor, upon completion of the Project, shall remove from CSXT's Property any temporary grade crossings, any temporary erosion control measures used to control drainage, all machinery, equipment, surplus materials, falsework, rubbish, or temporary buildings belonging to NCDOT or Contractor. The Contractor, upon completion of the Project, shall leave CSXT Property in neat condition, satisfactory to CSXT Representative.

### XIV. COMPLETION AND ACCEPTANCE OF WORK:

The Contractor or NCDOT shall be responsible to have painted on the structure the new DOT Number 937 993 D assigned to the new 10th Street Connector Bridge over CSXT. This DOT# 937 993 D shall be affixed at a location on either side of the CSXT tracks or property and in a manner such that it can be readily discerned and visible from track level. The font size of the DOT # numbers and letter should be at least four inches (4") tall and shall be black on a light-colored background or white on a dark-colored background of the grade separation component.

Upon completion of the work, the Contractor shall remove from within the limits of the railroad right of way all machinery, equipment, surplus materials, rubbish or temporary buildings of the

Contractor, and leave said rights-of-way in a neat and orderly condition. After the final inspection has been made and work found to be completed in a satisfactory manner acceptable to the Department of Transportation and the Railroad Company, the Department of Transportation will be notified of the Railroad Company's acceptance in writing by the Railroad Engineer within ten (10) days or as soon thereafter as practicable.

At project completion, a complete set of "As Built" plans for the proposed construction shall be submitted to CSXT Bridge Maintenance and Design Group. CSXT will keep these plans on file in Jacksonville for future reference. Please address these plans to:

Mr. E. D. Sparks, II  
Assistant Chief Engineer Structures  
CSX Transportation  
500 Water Street, J350  
Jacksonville, FL 32202

XV. FAILURE TO COMPLY

If Contractor violates or fails to comply with any of the requirements of these Special Provisions, (a) CSXT may require Contractor to vacate CSXT Property; and (b) CSXT may withhold monies due Agency and/or Contractor; (c) CSXT may require Agency to withhold monies due Contractor; and (d) CSXT may cure such failure and the Contractor shall reimburse CSXT for the cost of curing such failure.

**INSURANCE SPECIAL PROVISIONS FOR  
CSX TRANSPORTATION, INC.**

A. In addition to any other forms of insurance or bonds required elsewhere in the contract documents, the Prime Contractor will be required to provide coverage conforming to the requirements of the Federal-Aid Policy Guide outlined under 23 CFR 646A for all work to be performed on Railroad right(s)-of-way under the terms of the contract by carrying insurance as listed below.

If any part of the work is sublet, similar insurance and evidence thereof in the same amounts as required of the Prime Contractor, shall be provided by the subcontractor to cover his operations on railroad right-of-way. As an alternative, the Prime Contractor may provide insurance for the subcontractor by means of separate and individual policies.

**1. CONTRACTOR'S COMMERCIAL GENERAL LIABILITY INSURANCE:**

The Contractor shall procure and maintain, at its expense, an original and one certified copy of the policy **to the Department** as evidence of:

- a. Statutory Worker's Compensation and Employers Liability Insurance with available limits of not less than \$1,000,000, which insurance must contain a waiver of subrogation against CSXT and its Affiliates.

- b. Commercial General Liability coverage (inclusive of contractual liability) with available limits of not less than \$5,000,000 in combined single limits for bodily injury and property damage per occurrence, and covering the contractual liabilities assumed under this Agreement.
- c. Commercial Automobile Liability insurance with limits of not less than \$1,000,000 combined single limit for bodily injury and/or property damage per occurrence.
- d. Such other insurance as CSXT may reasonably require.

Upon request, Licensee shall provide CSXT with a copy of Licensee’s applicable insurance policies. A policy endorsement naming CSXT as an additional insured and specifying such coverage shall be furnished to CSXT, and the required coverage will be kept in force until all of the licensee’s obligations under this Agreement have been fully discharged and fulfilled, or until Licensee shall have been specifically released by a written instrument signed by an authorized officer of CSXT.

The insurance policies shall provide that the insurance carrier must give CSXT notice at least thirty (30) days in advance of cancellation of coverage, of any change in coverage, or of cancellation of the policy. Notwithstanding any provisions of this Section, the liability assumed by Licensee shall not be limited to the required insurance.

**2. RAILROAD PROTECTIVE LIABILITY INSURANCE:**

The Contractor shall furnish **to the Department** an original and one duplicate of the Railroad Protective Liability Insurance Policy to protect CSXT in connection with operations to be performed on or adjacent to CSXT right of way. The specifications for proper evidence of insurance are as follows:

- a) The Insurer must be financially stable and rated A- or better in A. M. Best Insurance Reports.
- b) The policy must be written using the ISO/RIMA Form of Railroad Protective Insurance - Insurance Services Office (ISO) Form CG 00 35.
- c) CSX Transportation must be the named insured on the Railroad Protective Liability Insurance Policy. The named insured’s address should be listed as:

**CSX Transportation, Inc.  
Risk Management (C- 907)  
500 Water Street  
Jacksonville, FL 32202**

- d) Limits of Liability: \$5,000,000 per occurrence, \$10,000,000 annual aggregate required.



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- e) Name and Address of Contractor must be shown on the Declarations page.
- f) Name and Address of the Project Sponsor must be shown on the Declarations page.
- g) Terrorism Risk Insurance Act (TRIA) coverage must be included.

Description of operations must appear on the Declarations page and must match the project description, including project or contract identification numbers.

The Description and Designation shall read:

Greenville, Pitt County, North Carolina – Construction of the new Stantonsburg Road – 10th Street Connector Bridge over CSXT, DOT# 937 993 D; Milepost AA-149.64, Florence Division, Parmele Subdivision, CSXT OP# NC0702; NCDOT Project No. 3578.1.1 (U-3315)

Authorized endorsements:

**A. Must include:**

- 1) **Pollution Exclusion Amendment - CG 28 31**  
(Not required with CG 00 35 01 96 and newer versions)
- 2) **Delete Common Policy Conditions – Section E. Premiums**

**B. May Include:**

- 1) Broad Form Nuclear Exclusion - IL 00 21
- 2) 30-day Advance Notice of Non-renewal
- 3) Required State Cancellation Endorsement
- 4) Quick Reference or Index - CL/IL 240

**C. May not include:**

- 1) Any Pollution Exclusion Endorsement except CG 28 31
- 2) Any Punitive or Exemplary Damages Exclusion
- 3) Any endorsement not named in A or B
- 4) Any type of deductible policy
- 5) An Endorsement that excludes TRIA coverage
- 6) An Endorsement that limits or excludes Professional Liability coverage

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- 7) A Non-Cumulation of Liability or Pyramiding of Limits Endorsement
  - 8) A Known Injury Endorsement
  - 9) A Sole Agent Endorsement
  - 10) A "Common Policy Conditions" Endorsement
- B. Prior to entry on CSXT right-of-way, the **original** Railroad Protective Liability Insurance Policy shall be submitted by the Prime Contractor to the Department at the address below for its review and transmittal to CSXT. In addition, certificates of insurance evidencing the Prime Contractor's Commercial General Liability Insurance shall be "issued" to CSXT **and** the Department at the addresses below, and **forwarded to the Department** for its review and transmittal to CSXT. No work will be permitted by CSXT on its right-of-way until it has reviewed and approved the evidence of insurance required herein.

DEPARTMENT:

Department of Transportation  
Rail Division  
C/O David Hinnant, State Railroad Agent  
1556 Mail Service Center  
Raleigh NC 27699-1556

RAILROAD:

CSX Transportation, Inc.  
Risk Management (C-907)  
500 Water Street  
Jacksonville, FL 32202

- C. Contractor must submit the complete Railroad Protective Liability policy, Certificates of Insurance and all notices and correspondence regarding the insurance policies in an electronic format to:

[insurancedocuments@csx.com](mailto:insurancedocuments@csx.com)

- D. The insurance required herein shall in no way serve to limit the liability of Department or its Contractors under the terms of this agreement.
- E. No extra allowance will be made for the insurance required hereunder; the entire cost of same is to be included in the unit contract price bids for the several pay items.

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### Railroad Site Data:

The following information was received from the Railroad, and is provided as a convenience to the Contractor in bidding this project. This information is subject to change and the Contractor may, at his discretion, contact the Railroad directly to verify its current accuracy. Since this information is shown as a convenience to the Contractor, but is subject to change, the Contractor shall have no claims whatsoever against either the Railroad or the Department of Transportation for any delays or additional costs incurred based on changes in this information which occur after the above date of receipt.

### CSX

Type and number of tracks within 50 ft. of project:	<b>1 - Mainline</b>
Number of trains on affected track per day:	<b>4</b>
Type of trains:	<b>Freight</b>
Maximum authorized operating speed of trains:	<b>20 mph</b>
Type and number of RR employees assigned to job:	<b>1 - Flagman</b>

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
<b>ROADWAY ITEMS</b>						
0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0002	0000400000-N	801	CONSTRUCTION SURVEYING	Lump Sum	L.S.	
0003	0000700000-N	SP	FIELD OFFICE	Lump Sum	L.S.	
0004	0000910000-N	SP	GENERIC MISCELLANEOUS ITEM EXPLORATORY EXCAVATION - STANDARD	700 HR		
0005	0000910000-N	SP	GENERIC MISCELLANEOUS ITEM EXPLORATORY EXCAVATION - VACUUM	150 HR		
0006	0015000000-N	205	SEALING ABANDONED WELLS	4 EA		
0007	0036000000-E	225	UNDERCUT EXCAVATION	5,000 CY		
0008	0050000000-E	226	SUPPLEMENTARY CLEARING & GRUB- BING	1 ACR		
0009	0063000000-N	SP	GRADING	Lump Sum	L.S.	
0010	0106000000-E	230	BORROW EXCAVATION	102,000 CY		
0011	0127000000-N	SP	EMBANKMENT SETTLEMENT GAUGES	19 EA		
0012	0192000000-N	260	PROOF ROLLING	5 HR		
0013	0195000000-E	265	SELECT GRANULAR MATERIAL	5,000 CY		
0014	0196000000-E	270	GEOTEXTILE FOR SOIL STABILIZA- TION	8,000 SY		
0015	0199000000-E	SP	TEMPORARY SHORING	3,130 SF		
0016	0318000000-E	300	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES	2,580 TON		
0017	0320000000-E	300	FOUNDATION CONDITIONING GEO- TEXTILE	8,120 SY		
0018	0354000000-E	310	**** RC PIPE CULVERTS, CLASS ***** (48", V)	52 LF		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0019	0366000000-E	310	15" RC PIPE CULVERTS, CLASS III	1,912	LF	
0020	0372000000-E	310	18" RC PIPE CULVERTS, CLASS III	708	LF	
0021	0378000000-E	310	24" RC PIPE CULVERTS, CLASS III	644	LF	
0022	0384000000-E	310	30" RC PIPE CULVERTS, CLASS III	152	LF	
0023	0390000000-E	310	36" RC PIPE CULVERTS, CLASS III	204	LF	
0024	0396000000-E	310	42" RC PIPE CULVERTS, CLASS III	596	LF	
0025	0402000000-E	310	48" RC PIPE CULVERTS, CLASS III	1,148	LF	
0026	0408000000-E	310	54" RC PIPE CULVERTS, CLASS III	384	LF	
0027	0414000000-E	310	60" RC PIPE CULVERTS, CLASS III	72	LF	
0028	0426000000-E	310	72" RC PIPE CULVERTS, CLASS III	160	LF	
0029	0432000000-E	310	78" RC PIPE CULVERTS, CLASS III	412	LF	
0030	0448000000-E	310	***** RC PIPE CULVERTS, CLASS IV (60")	596	LF	
0031	0448000000-E	310	***** RC PIPE CULVERTS, CLASS IV (66")	256	LF	
0032	0448200000-E	310	15" RC PIPE CULVERTS, CLASS IV	5,444	LF	
0033	0448300000-E	310	18" RC PIPE CULVERTS, CLASS IV	1,316	LF	
0034	0448400000-E	310	24" RC PIPE CULVERTS, CLASS IV	1,008	LF	
0035	0448500000-E	310	30" RC PIPE CULVERTS, CLASS IV	1,316	LF	

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0036	0448600000-E	310	36" RC PIPE CULVERTS, CLASS IV	588	LF	
0037	0448700000-E	310	42" RC PIPE CULVERTS, CLASS IV	32	LF	
0038	0986000000-E	SP	GENERIC PIPE ITEM 15" RC PIPE CULVERTS, CLASS III (SEALED)	336	LF	
0039	0986000000-E	SP	GENERIC PIPE ITEM 15" RC PIPE CULVERTS, CLASS IV (SEALED)	672	LF	
0040	0986000000-E	SP	GENERIC PIPE ITEM 18" RC PIPE CULVERTS, CLASS IV (SEALED)	88	LF	
0041	0986000000-E	SP	GENERIC PIPE ITEM 24" RC PIPE CULVERTS, CLASS IV (SEALED)	448	LF	
0042	0986000000-E	SP	GENERIC PIPE ITEM 30" RC PIPE CULVERTS, CLASS III (SEALED)	308	LF	
0043	0986000000-E	SP	GENERIC PIPE ITEM 30" RC PIPE CULVERTS, CLASS IV (SEALED)	460	LF	
0044	0986000000-E	SP	GENERIC PIPE ITEM 36" RC PIPE CULVERTS, CLASS III (SEALED)	216	LF	
0045	0986000000-E	SP	GENERIC PIPE ITEM 36" RC PIPE CULVERTS, CLASS IV (SEALED)	220	LF	
0046	0986000000-E	SP	GENERIC PIPE ITEM 42" RC PIPE CULVERTS, CLASS IV (SEALED)	224	LF	
0047	0986000000-E	SP	GENERIC PIPE ITEM 48" RC PIPE CULVERTS, CLASS III (SEALED)	556	LF	
0048	0986000000-E	SP	GENERIC PIPE ITEM 48" RC PIPE CULVERTS, CLASS IV (SEALED)	296	LF	
0049	0986000000-E	SP	GENERIC PIPE ITEM 54" RC PIPE CULVERTS, CLASS III (SEALED)	1,044	LF	

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0050	0986000000-E	SP	GENERIC PIPE ITEM 54" RC PIPE CULVERTS, CLASS IV (SEALED)	504 LF		
0051	0986000000-E	SP	GENERIC PIPE ITEM 54" RC PIPE CULVERTS, CLASS V (UNDER RR) (SEALED)	108 LF		
0052	0986000000-E	SP	GENERIC PIPE ITEM 60" RC PIPE CULVERTS, CLASS III (SEALED)	424 LF		
0053	0986000000-E	SP	GENERIC PIPE ITEM 60" RC PIPE CULVERTS, CLASS IV (SEALED)	280 LF		
0054	0986000000-E	SP	GENERIC PIPE ITEM 60" RC PIPE CULVERTS, CLASS V (SEALED)	432 LF		
0055	0986000000-E	SP	GENERIC PIPE ITEM 66" RC PIPE CULVERTS, CLASS IV (SEALED)	312 LF		
0056	0986000000-E	SP	GENERIC PIPE ITEM 72" RC PIPE CULVERTS, CLASS IV (SEALED)	408 LF		
0057	0992000000-E	SP	GENERIC PIPE ITEM ROOF DRAIN SYSTEM	3 EA		
0058	0992000000-E	SP	GENERIC PIPE ITEM STRUCTURE SEALED WITH BOOTS	46 EA		
0059	0995000000-E	340	PIPE REMOVAL	11,255 LF		
0060	1099500000-E	505	SHALLOW UNDERCUT	5,750 CY		
0061	1099700000-E	505	CLASS IV SUBGRADE STABILIZA- TION	10,000 TON		
0062	1111000000-E	SP	CLASS IV AGGREGATE STABILIZA- TION	13,000 TON		
0063	1115000000-E	SP	GEOTEXTILE FOR PAVEMENT STA- BILIZATION	6,720 SY		
0064	1220000000-E	545	INCIDENTAL STONE BASE	1,000 TON		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0065	1297000000-E	607	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	10,900 SY		
0066	1330800000-E	607	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 3")	17,300 SY		
0067	1330000000-E	607	INCIDENTAL MILLING	11,800 SY		
0068	1489000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0B	2,570 TON		
0069	1491000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0C	13,460 TON		
0070	1498000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	2,940 TON		
0071	1503000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	20,270 TON		
0072	1519000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	2,800 TON		
0073	1523000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	14,430 TON		
0074	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	2,830 TON		
0075	1693000000-E	654	ASPHALT PLANT MIX, PAVEMENT REPAIR	200 TON		
0076	2022000000-E	815	SUBDRAIN EXCAVATION	575 CY		
0077	2033000000-E	815	SUBDRAIN FINE AGGREGATE	430 CY		
0078	2044000000-E	815	6" PERFORATED SUBDRAIN PIPE	2,550 LF		
0079	2070000000-N	815	SUBDRAIN PIPE OUTLET	6 EA		
0080	2077000000-E	815	6" OUTLET PIPE	36 LF		
0081	2190000000-N	828	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE	7 EA		



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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0082	2253000000-E	840	PIPE COLLARS	1.961 CY		
0083	2264000000-E	840	PIPE PLUGS	0.182 CY		
0084	2275000000-E	SP	FLOWABLE FILL	135 CY		
0085	2286000000-N	840	MASONRY DRAINAGE STRUCTURES	270 EA		
0086	2297000000-E	840	MASONRY DRAINAGE STRUCTURES	241 CY		
0087	2308000000-E	840	MASONRY DRAINAGE STRUCTURES	151 LF		
0088	2364000000-N	840	FRAME WITH TWO GRATES, STD 840.16	31 EA		
0089	2364200000-N	840	FRAME WITH TWO GRATES, STD 840.20	1 EA		
0090	2365000000-N	840	FRAME WITH TWO GRATES, STD 840.22	1 EA		
0091	2366000000-N	840	FRAME WITH TWO GRATES, STD 840.24	21 EA		
0092	2367000000-N	840	FRAME WITH TWO GRATES, STD 840.29	6 EA		
0093	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	63 EA		
0094	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	91 EA		
0095	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	78 EA		
0096	2396000000-N	840	FRAME WITH COVER, STD 840.54	22 EA		
0097	2418000000-E	SP	FRAME WITH GRATES, DRIVEWAY DROP INLET	20 LF		
0098	2440000000-N	852	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN	5 EA		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0099	2451000000-N	852	CONCRETE TRANSITIONAL SECTION FOR DROP INLET	10 EA		
0100	2473000000-N	SP	GENERIC DRAINAGE ITEM CONCRETE FLUME IN 2'-0" C&G	1 EA		
0101	2535000000-E	846	***X*** CONCRETE CURB (8" X 12")	170 LF		
0102	2538000000-E	846	***-*** CONCRETE CURB & GUTTER (2'-0")	490 LF		
0103	2542000000-E	846	1'-6" CONCRETE CURB & GUTTER	7,420 LF		
0104	2549000000-E	846	2'-6" CONCRETE CURB & GUTTER	25,570 LF		
0105	2591000000-E	848	4" CONCRETE SIDEWALK	17,030 SY		
0106	2605000000-N	848	CONCRETE CURB RAMP	130 EA		
0107	2612000000-E	848	6" CONCRETE DRIVEWAY	4,220 SY		
0108	2655000000-E	852	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	2,410 SY		
0109	2738000000-E	SP	GENERIC PAVING ITEM CONCRETE PAVER SIDEWALK	50 SY		
0110	2738000000-E	SP	GENERIC PAVING ITEM REMOVE & RESET BRICK CROSSWALK	75 SY		
0111	2738000000-E	SP	GENERIC PAVING ITEM SCORED CONCRETE SIDEWALK	620 SY		
0112	2800000000-N	858	ADJUSTMENT OF CATCH BASINS	5 EA		
0113	2815000000-N	858	ADJUSTMENT OF DROP INLETS	1 EA		
0114	2830000000-N	858	ADJUSTMENT OF MANHOLES	2 EA		
0115	2845000000-N	858	ADJUSTMENT OF METER BOXES OR VALVE BOXES	95 EA		
0116	3030000000-E	862	STEEL BM GUARDRAIL	2,650 LF		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0117	3105000000-N	862	STEEL BM GUARDRAIL TERMINAL SECTIONS	20 EA		
0118	3150000000-N	862	ADDITIONAL GUARDRAIL POSTS	15 EA		
0119	3215000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE III	4 EA		
0120	3270000000-N	SP	GUARDRAIL ANCHOR UNITS, TYPE 350	4 EA		
0121	3572000000-E	867	CHAIN LINK FENCE RESET	510 LF		
0122	3575000000-E	SP	GENERIC FENCING ITEM ORNAMENTAL FENCE (ROADWAY)	2,350 LF		
0123	3656000000-E	876	GEOTEXTILE FOR DRAINAGE	1,600 SY		
0124	4025000000-E	901	CONTRACTOR FURNISHED, TYPE *** SIGN (D)	53 SF		
0125	4025000000-E	901	CONTRACTOR FURNISHED, TYPE *** SIGN (E)	1,074 SF		
0126	4025000000-E	901	CONTRACTOR FURNISHED, TYPE *** SIGN (F)	77 SF		
0127	4072000000-E	903	SUPPORTS, 3-LB STEEL U-CHANNEL	1,876 LF		
0128	4096000000-N	904	SIGN ERECTION, TYPE D	4 EA		
0129	4102000000-N	904	SIGN ERECTION, TYPE E	196 EA		
0130	4108000000-N	904	SIGN ERECTION, TYPE F	7 EA		
0131	4116100000-N	904	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)	2 EA		
0132	4116100000-N	904	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)	1 EA		
0133	4154000000-N	907	STOCKPILE SIGN SYSTEM, U-CHANNEL	10 EA		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0134	4155000000-N	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	89 EA		
0135	4158000000-N	907	DISPOSAL OF SIGN SYSTEM, WOOD	8 EA		
0136	4192000000-N	907	DISPOSAL OF SUPPORT, U-CHANNEL	2 EA		
0137	4238000000-N	907	DISPOSAL OF SIGN, D, E OR F	2 EA		
0138	4360000000-N	SP	GENERIC SIGNING ITEM DISPOSAL OF SIGN SYSTEM ON SPAN WIRE	2 EA		
0139	4400000000-E	1110	WORK ZONE SIGNS (STATIONARY)	1,800 SF		
0140	4405000000-E	1110	WORK ZONE SIGNS (PORTABLE)	717 SF		
0141	4410000000-E	1110	WORK ZONE SIGNS (BARRICADE MOUNTED)	766 SF		
0142	4415000000-N	1115	FLASHING ARROW BOARD	4 EA		
0143	4420000000-N	1120	PORTABLE CHANGEABLE MESSAGE SIGN	4 EA		
0144	4422000000-N	1120	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)	60 DAY		
0145	4430000000-N	1130	DRUMS	333 EA		
0146	4445000000-E	1145	BARRICADES (TYPE III)	868 LF		
0147	4455000000-N	1150	FLAGGER	180 DAY		
0148	4465000000-N	1160	TEMPORARY CRASH CUSHIONS	1 EA		
0149	4470000000-N	1160	RESET TEMPORARY CRASH CUSHION	2 EA		
0150	4480000000-N	1165	TMA	2 EA		
0151	4485000000-E	1170	PORTABLE CONCRETE BARRIER	780 LF		
0152	4500000000-E	1170	RESET PORTABLE CONCRETE BAR- RIER	340 LF		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0153	4510000000-N	SP	LAW ENFORCEMENT	180	HR	
0154	4650000000-N	1251	TEMPORARY RAISED PAVEMENT MARKERS	517	EA	
0155	4685000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	15,635	LF	
0156	4686000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	37,365	LF	
0157	4695000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	1,051	LF	
0158	4697000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)	3,199	LF	
0159	4710000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	1,959	LF	
0160	4721000000-E	1205	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	37	EA	
0161	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	260	EA	
0162	4770000000-E	1205	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)	810	LF	
0163	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	83,561	LF	
0164	4820000000-E	1205	PAINT PAVEMENT MARKING LINES (8")	1,736	LF	
0165	4835000000-E	1205	PAINT PAVEMENT MARKING LINES (24")	9,358	LF	
0166	4845000000-N	1205	PAINT PAVEMENT MARKING SYMBOL	282	EA	
0167	4850000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (4")	24,889	LF	
0168	4860000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (8")	175	LF	
0169	4900000000-N	1251	PERMANENT RAISED PAVEMENT MARKERS	699	EA	

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0170	4915000000-E	1264	7' U-CHANNEL POSTS	18 EA		
0171	5155000000-E	1409	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")	15,840 LF		
0172	5255000000-N	1413	PORTABLE LIGHTING	Lump Sum	L.S.	
0173	5325000000-E	1510	*** WATER LINE (14")	579 LF		
0174	5325200000-E	1510	2" WATER LINE	11 LF		
0175	5325600000-E	1510	6" WATER LINE	2,226 LF		
0176	5325800000-E	1510	8" WATER LINE	5,924 LF		
0177	5326000000-E	1510	10" WATER LINE	423 LF		
0178	5326200000-E	1510	12" WATER LINE	2,666 LF		
0179	5536000000-E	1515	2" VALVE	6 EA		
0180	5540000000-E	1515	6" VALVE	22 EA		
0181	5546000000-E	1515	8" VALVE	22 EA		
0182	5552000000-E	1515	10" VALVE	6 EA		
0183	5558000000-E	1515	12" VALVE	6 EA		
0184	5648000000-N	1515	RELOCATE WATER METER	31 EA		
0185	5649000000-N	1515	RECONNECT WATER METER	2 EA		
0186	5666000000-E	1515	FIRE HYDRANT	14 EA		
0187	5691300000-E	1520	8" SANITARY GRAVITY SEWER	115 LF		
0188	5775000000-E	1525	4' DIA UTILITY MANHOLE	2 EA		
0189	5815500000-N	1530	REMOVE FIRE HYDRANT	8 EA		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0190	5836000000-E	1540	24" ENCASEMENT PIPE	200 LF		
0191	5872200000-E	1550	TRENCHLESS INSTALLATION OF 24" IN SOIL	200 LF		
0192	5879000000-E	SP	*** GAS LINE (3/4")	90 LF		
0193	5879200000-E	SP	2" GAS LINE	4,133 LF		
0194	5879400000-E	SP	4" GAS LINE	1,043 LF		
0195	5879800000-E	SP	8" GAS LINE	966 LF		
0196	5880000000-E	SP	*** GAS VALVE (3/4")	7 EA		
0197	5880200000-E	SP	2" GAS VALVE	7 EA		
0198	5880400000-E	SP	4" GAS VALVE	2 EA		
0199	5882000000-N	SP	GENERIC UTILITY ITEM 12" VITRON GASKET	47 EA		
0200	5882000000-N	SP	GENERIC UTILITY ITEM 8" VITRON GASKET	24 EA		
0201	6000000000-E	1605	TEMPORARY SILT FENCE	41,500 LF		
0202	6006000000-E	1610	STONE FOR EROSION CONTROL, CLASS A	500 TON		
0203	6009000000-E	1610	STONE FOR EROSION CONTROL, CLASS B	1,100 TON		
0204	6012000000-E	1610	SEDIMENT CONTROL STONE	4,000 TON		
0205	6015000000-E	1615	TEMPORARY MULCHING	26.5 ACR		
0206	6018000000-E	1620	SEED FOR TEMPORARY SEEDING	1,300 LB		
0207	6021000000-E	1620	FERTILIZER FOR TEMPORARY SEED- ING	6.5 TON		
0208	6024000000-E	1622	TEMPORARY SLOPE DRAINS	1,200 LF		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0209	6029000000-E	SP	SAFETY FENCE	100 LF		
0210	6030000000-E	1630	SILT EXCAVATION	900 CY		
0211	6036000000-E	1631	MATTING FOR EROSION CONTROL	5,000 SY		
0212	6042000000-E	1632	1/4" HARDWARE CLOTH	17,500 LF		
0213	6071030000-E	1640	COIR FIBER BAFFLE	680 LF		
0214	6084000000-E	1660	SEEDING & MULCHING	24 ACR		
0215	6087000000-E	1660	MOWING	21 ACR		
0216	6090000000-E	1661	SEED FOR REPAIR SEEDING	300 LB		
0217	6093000000-E	1661	FERTILIZER FOR REPAIR SEEDING	1 TON		
0218	6096000000-E	1662	SEED FOR SUPPLEMENTAL SEEDING	550 LB		
0219	6108000000-E	1665	FERTILIZER TOPDRESSING	16.5 TON		
0220	6114500000-N	1667	SPECIALIZED HAND MOWING	50 MHR		
0221	6117000000-N	SP	RESPONSE FOR EROSION CONTROL	100 EA		
0222	6144000000-E	SP	GENERIC EROSION CONTROL ITEM TIF BLAIR CENTIPEDE GRASS SEED	700 LB		
0223	6640000000-N	1670	GENERIC PLANTING ITEM ACER BUERGERIANUM, TRIDENT MAPLE	8 EA		
0224	6640000000-N	1670	GENERIC PLANTING ITEM ACER PALMATUM, BLOODGOOD JAPANESE MAPLE	10 EA		
0225	6640000000-N	1670	GENERIC PLANTING ITEM BUDDLEJA DAVIDII, BLUE CHIP BUTTERFLY BUSH	76 EA		
0226	6640000000-N	1670	GENERIC PLANTING ITEM HEMEROCALLIS, STELLA DE ORO DAYLILLY	1,565 EA		



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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0227	6640000000-N	1670	GENERIC PLANTING ITEM ILEX CORNUTA, CARISSA HOLLY	489 EA		
0228	6640000000-N	1670	GENERIC PLANTING ITEM ILEX OPACA, GREENLEAF HOLLY	3 EA		
0229	6640000000-N	1670	GENERIC PLANTING ITEM ILEX VOMITORIA, NANA DWARF YAUPON HOLLY	425 EA		
0230	6640000000-N	1670	GENERIC PLANTING ITEM ILEX X ATTENUATA, FOSTER NO 2 HOLLY	11 EA		
0231	6640000000-N	1670	GENERIC PLANTING ITEM LAGERSTROEMIA, CRAPE MYRTLE	84 EA		
0232	6640000000-N	1670	GENERIC PLANTING ITEM LAGERSTROEMIA, INDICA, DWARF VICTOR CRAPE MYRTLE	24 EA		
0233	6640000000-N	1670	GENERIC PLANTING ITEM LAGERSTROEMIA, MUSKOGEE CRAPE MYRTLE	82 EA		
0234	6640000000-N	1670	GENERIC PLANTING ITEM LAGERSTROEMIA, NATCHEZ CRAPE MYRTLE	119 EA		
0235	6640000000-N	1670	GENERIC PLANTING ITEM LIRIOPE MUSCARI, BIG BLUE LILYTURF	122 EA		
0236	6640000000-N	1670	GENERIC PLANTING ITEM LOROPETALUM CHINENSE RUBRUM, DWARF RUBY FRINGE FLOWER	104 EA		
0237	6640000000-N	1670	GENERIC PLANTING ITEM QUERCUS NUTTALLII, NUTTALL OAK	22 EA		
0238	6640000000-N	1670	GENERIC PLANTING ITEM QUERCUS PHELLOS, HIGHTOWER WILLOW OAK	14 EA		
0239	6640000000-N	1670	GENERIC PLANTING ITEM ROSA, RADRAZZ KNOCKOUT ROSE	400 EA		
0240	6640000000-N	1670	GENERIC PLANTING ITEM TAXODIUM DISTICHUM, AUTUMN GOLD BLAD CYPRESS	16 EA		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0241	6640000000-N	1670	GENERIC PLANTING ITEM ULMUS PARVIFOLIA, ATHENA ELM	39 EA		
0242	6645000000-N	SP	GENERIC PLANTING ITEM PRECAST COLUMN	9 EA		
0243	6645000000-N	SP	GENERIC PLANTING ITEM PRECAST COLUMN SIGN	9 EA		
0244	6645000000-N	SP	GENERIC PLANTING ITEM REMOVE & RESET COLUMN	4 EA		
0245	6650000000-E	1670	MULCH FOR PLANTING	700 CY		
0246	6675000000-E	SP	GENERIC PLANTING ITEM TIF BLAIR CENTIPEDE GRASS SOD	11,650 SY		
0247	7048500000-E	1705	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)	38 EA		
0248	7060000000-E	1705	SIGNAL CABLE	31,380 LF		
0249	7120000000-E	1705	VEHICLE SIGNAL HEAD (12", 3 SECTION)	101 EA		
0250	7132000000-E	1705	VEHICLE SIGNAL HEAD (12", 4 SECTION)	14 EA		
0251	7144000000-E	1705	VEHICLE SIGNAL HEAD (12", 5 SECTION)	9 EA		
0252	7216000000-N	1705	MODIFY EXISTING VEHICLE SIGNAL HEAD	2 EA		
0253	7264000000-E	1710	MESSENGER CABLE (3/8")	3,565 LF		
0254	7276000000-E	1715	BORE & JACK (***** (1,5"))	65 LF		
0255	7279000000-E	1715	TRACER WIRE	940 LF		
0256	7300000000-E	1715	UNPAVED TRENCHING (***** (1, 2"))	4,005 LF		
0257	7300100000-E	1715	UNPAVED TRENCHING FOR TEMP- ORARY LEAD-IN	1,265 LF		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0258	7301000000-E	1715	DIRECTIONAL DRILL (***** (2, 2")	1,470 LF		
0259	7324000000-N	1716	JUNCTION BOX (STANDARD SIZE)	90 EA		
0260	7348000000-N	1716	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)	6 EA		
0261	7360000000-N	1720	WOOD POLE	11 EA		
0262	7372000000-N	1721	GUY ASSEMBLY	32 EA		
0263	7408000000-E	1722	1" RISER WITH WEATHERHEAD	3 EA		
0264	7420000000-E	1722	2" RISER WITH WEATHERHEAD	6 EA		
0265	7430000000-N	1722	HEAT SHRINK TUBING RETROFIT KIT	1 EA		
0266	7432000000-E	1722	2" RISER WITH HEAT SHRINK TUBING	4 EA		
0267	7444000000-E	1725	INDUCTIVE LOOP SAWCUT	17,462 LF		
0268	7456000000-E	1726	LEAD-IN CABLE (***** (14-2)	36,195 LF		
0269	7516000000-E	1730	COMMUNICATIONS CABLE (**FIBER) (12)	1,820 LF		
0270	7541000000-N	1731	MODIFY SPLICE ENCLOSURE	2 EA		
0271	7552000000-N	1731	INTERCONNECT CENTER	4 EA		
0272	7564100000-N	1732	FIBER-OPTIC TRANSCEIVER, SELF-HEALING RING	4 EA		
0273	7575160000-E	1734	REMOVE EXISTING COMMUNICATIONS CABLE	1,500 LF		
0274	7576000000-N	SP	METAL STRAIN SIGNAL POLE	2 EA		
0275	7588000000-N	SP	METAL POLE WITH SINGLE MAST ARM	3 EA		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0276	7613000000-N	SP	SOIL TEST	16	EA	
0277	7614100000-E	SP	DRILLED PIER FOUNDATION	128	CY	
0278	7630000000-N	SP	METAL STRAIN POLE DESIGN	6	EA	
0279	7631000000-N	SP	MAST ARM WITH METAL POLE DESIGN	8	EA	
0280	7636000000-N	1745	SIGN FOR SIGNALS	24	EA	
0281	7642100000-N	1743	TYPE I POST WITH FOUNDATION	3	EA	
0282	7642200000-N	1743	TYPE II PEDESTAL WITH FOUNDATION	30	EA	
0283	7684000000-N	1750	SIGNAL CABINET FOUNDATION	4	EA	
0284	7828000000-N	1751	CONTROLLER WITH CABINET (NEMA TS-2, TYPE 2 CONTROLLER, TYPE 1 CABINET, BASE MOUNTED)	4	EA	
0285	7852000000-N	1751	DETECTOR CARD (NEMA TS-2)	42	EA	
0286	7960000000-N	SP	METAL POLE FOUNDATION REMOVAL	9	EA	
0287	7972000000-N	SP	METAL POLE REMOVAL	9	EA	
0288	7980000000-N	SP	GENERIC SIGNAL ITEM CCTV WOOD POLE	2	EA	
0289	7980000000-N	SP	GENERIC SIGNAL ITEM DIGITAL CCTV CAMERA ASSEMBLY	2	EA	
0290	7980000000-N	SP	GENERIC SIGNAL ITEM FIELD ETHERNET SWITCH	2	EA	
0291	7980000000-N	SP	GENERIC SIGNAL ITEM METAL POLE WITH SINGLE MAST ARM AND LUMINAIRE ARM	5	EA	
0292	7980000000-N	SP	GENERIC SIGNAL ITEM METAL STRAIN SIGNAL POLE WITH LUMINAIRE ARM	6	EA	

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0293	7980000000-N	SP	GENERIC SIGNAL ITEM POWDER COAT FOR PUSH BUTTON POST (BLACK)	3 EA		
0294	7980000000-N	SP	GENERIC SIGNAL ITEM POWDER COAT FOR SIGNAL PEDESTAL (BLACK)	30 EA		
0295	7980000000-N	SP	GENERIC SIGNAL ITEM POWDER COAT FOR SINGLE MAST ARM POLE (BLACK)	8 EA		
0296	7980000000-N	SP	GENERIC SIGNAL ITEM POWDER COAT FOR STRAIN POLE (BLACK)	8 EA		
0297	7990000000-E	SP	GENERIC SIGNAL ITEM BACK PULL FIBER OPTC CABLE	600 LF		
0298	7990000000-E	SP	GENERIC SIGNAL ITEM CCTV UNIFIED CABLE	200 LF		
0322	5691400000-E	1520	10" SANITARY GRAVITY SEWER	60 LF		
0323	5801000000-E	1530	ABANDON 8" UTILITY PIPE	5,132 LF		
0324	5802000000-E	1530	ABANDON 10" UTILITY PIPE	314 LF		
0325	5804000000-E	1530	ABANDON 12" UTILITY PIPE	2,890 LF		
<b>WALL ITEMS</b>						
0299	8801000000-E	SP	MSE RETAINING WALL NO **** (1)	21,430 SF		
0300	8801000000-E	SP	MSE RETAINING WALL NO **** (2)	27,710 SF		
0301	8832000000-N	SP	GENERIC RETAINING WALL ITEM BRICK FACADE @ MSE WALL NO 1	Lump Sum	L.S.	
0302	8832000000-N	SP	GENERIC RETAINING WALL ITEM BRICK FACADE @ MSE WALL NO 2	Lump Sum	L.S.	

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0303	8839000000-E	SP	GENERIC RETAINING WALL ITEM ORNAMENTAL FENCE FOR RETAINING WALL	261 LF		
0304	8847000000-E	SP	GENERIC RETAINING WALL ITEM CIP CANTILEVER RET WALL NO 3	565 SF		
0305	8847000000-E	SP	GENERIC RETAINING WALL ITEM CIP CANTILEVER RET WALL NO 4	1,005 SF		

**STRUCTURE ITEMS**

0306	8112730000-N	450	PDA TESTING	2 EA		
0307	8147000000-E	420	REINFORCED CONCRETE DECK SLAB	13,932 SF		
0308	8161000000-E	420	GROOVING BRIDGE FLOORS	12,330 SF		
0309	8182000000-E	420	CLASS A CONCRETE (BRIDGE)	72.4 CY		
0310	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ***** (65+56.61 -L-)	Lump Sum	L.S.	
0311	8217000000-E	425	REINFORCING STEEL (BRIDGE)	11,778 LB		
0312	8280000000-E	440	APPROX ..... LBS STRUCTURAL STEEL	646,000 LS		
0313	8387000000-E	450	PP 18 X 0.50 GALVANIZED STEEL PILES	2,800 LF		
0314	8392000000-N	450	PIPE PILE PLATES	28 EA		
0315	8393000000-N	450	PILE REDRIVES	28 EA		
0316	8505000000-E	460	VERTICAL CONCRETE BARRIER RAIL	356.7 LF		
0317	8531000000-E	462	4" SLOPE PROTECTION	54 SY		
0318	8657000000-N	430	ELASTOMERIC BEARINGS	Lump Sum	L.S.	

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0319	8727000000-N	SP	ELECTRICAL CONDUIT SYSTEM FOR SIGNALS AT STA***** (65+56.61 -L-)	Lump Sum	L.S.	
0320	8860000000-N	SP	GENERIC STRUCTURE ITEM APPLICATION OF BRIDGE COATING	Lump Sum	L.S.	
0321	8867000000-E	SP	GENERIC STRUCTURE ITEM ORNAMENTAL FENCE	356.7 LF		
0908/Dec08/Q1541950.443/D1462505040000/E325			Total Amount Of Bid For Entire Project :			