

## SECTION 905 -- PROPOSAL (CONTINUED)

I (We) hereby certify by digital signature and electronic submission via Bid Express of the Section 905 proposal below, that all certifications, disclosures and affidavits incorporated herein are deemed to be duly executed in the aggregate, fully enforceable and binding upon delivery of the bid proposal. I (We) further acknowledge that this certification shall not extend to the bid bond or alternate security which must be separately executed for the benefit of the Commission. This signature does not cure deficiencies in any required certifications, disclosures and/or affidavits. I (We) also acknowledge the right of the Commission to require full and final execution on any certification, disclosure or affidavit contained in the proposal at the Commission's election upon award. Failure to so execute at the Commission's request within the time allowed in the Standard Specifications for execution of all contract documents will result in forfeiture of the bid bond or alternate security.

Bidder acknowledges receipt of and has added to and made a part of the proposal and contract documents the following addendum (addenda):

ADDENDUM NO.	<u>1</u>	DATED	<u>8/18/2021</u>	ADDENDUM NO.	_____	DATED	_____
ADDENDUM NO.	_____	DATED	_____	ADDENDUM NO.	_____	DATED	_____
ADDENDUM NO.	_____	DATED	_____	ADDENDUM NO.	_____	DATED	_____

Number

Description

- 1 Revised Table of Contents; NTB No. 3600 replaces NTB No. 2677; Added NTB No. 3602; Added SP 907-207-2; Revised Bid Items; Amendment EBSx Download Required.

TOTAL ADDENDA: 1

(Must agree with total addenda issued prior to opening of bids)

Respectfully Submitted,

DATE \_\_\_\_\_

Contractor

BY \_\_\_\_\_

Signature

TITLE \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

PHONE \_\_\_\_\_

FAX \_\_\_\_\_

E-MAIL \_\_\_\_\_

(To be filled in if a corporation)

Our corporation is chartered under the Laws of the State of \_\_\_\_\_ and the names, titles and business addresses of the executives are as follows:

President

Address

Secretary

Address

Treasurer

Address

The following is my (our) itemized proposal.

BR-0072-05(011)/ 103330302000 & BR-0072-05(011)/ 103330303000

Tate & Tunica County(ies)

Revised 01/26/2016

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**  
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08/18/2021 12:49 PM

## MISSISSIPPI DEPARTMENT OF TRANSPORTATION

**SECTION 904 - NOTICE TO BIDDERS NO. 3600**

**CODE: (SP)**

**DATE: 08/17/2021**

**SUBJECT: Canadian National / Illinois Central Railroad Construction Requirements**

Bidders are hereby advised that provisions which are required as per the Notice to Bidders entitled “Railway-Highway Provisions” shall also include the following.

The Contractor shall submit to the Project Engineer and the Railroad detailed plans and design data for temporary construction clearances, stages of construction, erection plans, demolition plans, false-work plans, excavation plans, and temporary shoring plans and calculations, as required, and shall be sealed by a Mississippi Registered Professional Engineer. All submittals must be approved by the Railroad before excavation or construction can begin within Railroad Right-of-Way. All construction submittals for work performed within the Illinois Central Railroad (ICRR) right-of-way shall be made per the current ICRR design guidelines.

The Bidder should review the requirements set forth in the attached APPENDIX as it relates to right-of-entry, insurance, and safety training. The Contractor will be required to follow the requirements in the Appendix.

Prior to beginning any work on the ICRR right-of-way, the Contractor shall obtain a Right of Entry License Agreement and submit a Request for Flagging Services. To request said documents, the Contractor should contact John Dinning. Mr. Dinning’s contact information is as follows.

John W. Dinning  
Manager Public Works  
2151 North Mill Street  
Jackson MS 39202  
T 601.914.2658  
F 601.592.1815  
Email: john.dinning@cn.ca

The Contractor shall be responsible for payment of all application fees.

This project will require construction activities on the right-of-way of active railroad tracks which are currently owned and/or operated by ICRR. When work requires that equipment or personnel be within the ICRR right-of-way or the “foul zone” adjacent to the right-of-way, a qualified “Employee-in-Charge” (EIC) must be present for the purpose of providing on-track safety and flagging protection for the work crews. The EIC shall also be responsible for the coordination of the Contractor’s activities within the ICRR right-of-way with the operation of the Railroad. The EIC must be approved by the local ICRR Roadmaster prior to beginning work on the ICRR right-of-way. The Contractor will be required to provide radios for the EIC, all equipment operators, supervisors, and foremen in charge of employees working within the

ICRR right-of-way. All personnel who must enter upon the ICRR right-of-way must check in and out with the EIC and be logged in and out of the site.

All personnel who must work within the ICRR right-of-way at any time shall be trained and certified as a ICRR "Roadway Worker" and must at all times have their certification card with them and available for random inspection. The Contractor will be responsible for providing this training for Contractor employees or any subcontractor(s) employees. The Contractor shall contact [www.contractororientation.com](http://www.contractororientation.com) for approximate fees and scheduling the necessary training sessions. The Contractor shall also contact the MDOT Project Engineer to see if any MDOT employees need this training. If so, the Contractor shall include the MDOT employees in the list of participants for training. The Contractor shall bear the cost of training the MDOT employees. Costs for training the MDOT employees will be reimbursed to the Contractor by supplemental agreement.

Prior to commencing work, the Contractor shall provide to the Railroad Engineer or the Railroad Engineer's designated representative, with copies to the Project Engineer, a detailed construction schedule for its work on Railroad's right-of-way, including the proposed temporary horizontal and vertical clearances and construction sequence for all work to be performed on Railroad right-of-way. This schedule shall also include the anticipated dates when the milestone events listed below will occur. The Contractor shall update the schedule for these milestone events as necessary, but at least monthly, and shall provide a copy of all updates to the Railroad so that site visits may be scheduled.

- Preconstruction meetings.
- Excavations, shoring placement/removal, pile driving, drilling of caissons or drilled shafts adjacent to tracks.
- Reinforcement and concrete placement for near track piers.
- Erection of precast concrete or steel overpass bridge superstructure.
- Reinforcement and concrete placement of overpass bridge decks.
- Completion of the bridge structure.

The Contractor shall so arrange and conduct construction operations in such a manner that there will be no interference with Railroad operations, including train, signal, telephone and telegraphic services, or damage to the property of the Railroad or to poles, cables or wires (whether overhead or underground) and other facilities or tenants on the rights-of-way of the Railroad. Before undertaking any work within Railroad right-of-way and before placing any obstruction over any track, the Contractor shall:

- Notify the Railroad's representative at least 72 hours in advance of the work.
- Provide assurance to the Railroad's representative that arrangements have been made for any required flagging service.
- Receive permission from the Railroad Engineer to proceed with the work.
- Ascertain that the Project Engineer has received copies of notice to the Railroad and the Railroad's response.

## APPENDIX

### Right of Entry (ROE) License Agreement Information

Railroad Company requires everyone (contractor, consultants, etc.) working on Railroad Company property to have a Right-of-Entry (ROE) License Agreement. ROE license agreement applications are handled by email. Once Railroad Company receives the information requested below, and if application is approved, Railroad Company will draw up a ROE License Agreement, and will forward electronic copy by email for applicant's execution. Applicant must return one (1) executed original copy, a check for the application cost, and proof of insurance, together in one package to the address above. Application and ROE License Agreement will be delayed if Railroad Company receives the required documents separately, incomplete, or inaccurate. Railroad Company will return a fully executed digital copy of the ROE License Agreement by email for Applicant's files and records. No work may occur on Railroad Company property nor will flagging protection be provided until ROE License Agreement has been fully executed by both parties and returned.

Please use this form and return by email to submit application request for a Right of Entry agreement.

Contact name –  
Name of Applicant/contractor -  
Street Address –  
City, State, Zip –  
Telephone –  
Reason for ROE –  
Duration of ROE –  
Public Agency's Project No. –  
Public agency Easement No. (if known) –  
Location of project –  
FRA/AAR/DOT Crossing No. –

If unable to locate this number at jobsite, please use following links to obtain:  
<http://safetydata.fra.dot.gov/officeofsafety/publicsite/crossing/xingqryloc.aspx>

In Illinois <http://www.icc.illinois.gov/railroad/advanced.aspx?>

If project job site does not have a FRA/AAR/DOT Crossing Number, please attach an aerial snapshot to help identify specific location.

**ROE may take up to 4+ weeks to obtain**

## FAQ

### **What are the insurance requirements?**

Railroad Company allows outside parties to come onto Railroad Company property to perform work, such as survey or inspection work, installation of pipelines and wirelines, and other work for projects necessitating the occupancy of Railroad Company. Before commencing work, and until the license of allowing such occupancy ends or is terminated, outside parties shall provide and maintain the following insurance in form and amount with companies satisfactory to and as approved by Railroad Company.

1. Minimum insurance required of outside party:

- A. Statutory Workers Compensation and Employer's Liability Insurance.
- B. Automobile Liability Insurance in an amount not less than \$1,000,000 combined single limit.
- C. Commercial General Liability Insurance (Occurrence Form) in an amount not less than \$5,000,000 per occurrence, with an aggregate limit of not less than \$10,000,000. The policy must name "All Operating Subsidiaries of North American Railways, Inc." as additional insureds in the following form:

All Operating Subsidiaries of North American Railways, Inc.  
Attn: Mgr Insurance, Insurance Department  
935 de La Gauchetiere St W  
Montreal, Quebec H3B 2M9, Canada  
514-399-6411 (office); 514-399-4296 (FAX)

The policy must remove any provisions excluding coverage for injury, loss or damage arising out of or resulting from doing business or undertaking construction or demolition on, near, or adjacent to railroad track or facilities using endorsement CG 2417 10 01 or equivalent approved by Railroad Company.

- D. When outside party is required by Railroad Company or Governing Authority to purchase Railroad Protective Liability Insurance to cover work on, near or adjacent to railroad track or facilities, and outside party is not being hired for this project by Railroad Company, outside party must procure Railroad Protective Liability Insurance in the following form;

This coverage shall be written on an Occurrence Form with limits of not less than \$5,000,000 per occurrence for Bodily Injury, Personal Injury and Physical Damage to Property, with an aggregate limit of not less than \$10,000,000. The policy must name:

Name of site specific Railroad Company (applicant must contact CN to determine)  
Attn: Mgr Insurance, Insurance Department  
935 de La Gauchetiere St W  
Montreal, Quebec H3B 2M9, Canada  
514-399-6411 (office); 514-399-4296 (FAX)

- E. In the event the privileges provided herein to Applicant involve any work that could result in the discharge, spillage, disposal, release or escape of any Hazardous Material or petroleum product onto the Railroad Company's property, Applicant shall purchase and maintain in effect at all times during the term of this License a Contractor's Pollution Liability policy in an amount not

less than two million dollars (\$2,000,000) combined single limit (and with a deductible not to exceed \$50,000) insuring Railroad against any and all damages, costs, liabilities and expenses resulting from on- or off-site bodily injury (including death to any person), on or off- site loss, damage or destruction of property (including that belonging to the parties hereto), and on-or off-site cleanup costs (including expenses incurred in the investigation, removal, remediation, neutralization, or immobilization of contaminated soils, surface water, groundwater or any other contamination) growing out of or incidental to any discharge, spillage, disposal, release, or escape of any Hazardous Material or petroleum product arising therefrom. For purposes of this Agreement, the term "Hazardous Material" shall include, without limit, any flammable explosives, radioactive materials, hazardous materials, hazardous wastes, hazardous or toxic substances, or related materials defined in the Comprehensive Environmental Response, Compensation and Liability Act of 1980, as amended (42 U.S.C. §§9601, et seq.), the Hazardous Material Transportation Act, as amended (49 U.S.C. §§ 1801, et seq.), the Resource Conservation and Recovery Act, as amended (42 U.S.C. §§ 6901 et seq.), the Toxic Substances Control Act, as amended (15 U.S.C. §§ 2601, et seq.), similar laws or ordinances enacted by any state, county or municipality in which the Property is located, or in the regulations adopted and publications promulgated pursuant to any of the above, as such laws or regulations now exist or may exist in the future.

Applicant is required to advise Railroad Company by thirty (30) day advance written notice when any work to be performed under this License may require Pollution Liability Insurance pursuant to the previous paragraph.

- F. All policies described above must include description of operations, Railroad Company milepost, highway or street name, city and state of location, project number, and Railroad Company contact person on the certificate.
2. Before commencing work, outside party shall deliver to Railroad Company a certificate of insurance evidencing the foregoing coverages and, if requested by Railroad Company, true and complete copies of the policies described above. If the policy is being issued in conjunction with, or as a result of, a city, county or state contract, the policy should be initially submitted to the respective city, county or state agency that will review it first and then forward it to Railroad Company.
  3. Common Policy Provisions. Each policy described in paragraph 1, parts A through E above, must include the following provisions:
    - A. Each policy shall include a waiver by the insurer of any right of subrogation against any recovery by or on behalf of any insured.
    - B. Each policy shall provide for not less than thirty (30) days prior written notice to railroad Company at the address listed above of cancellation of or any material change in that policy.
  4. It is understood and agreed that the foregoing insurance coverage requirements, and outside party's compliance with those requirements, is not intended to, and shall not, relieve outside party from, or serve to limit, outside party's liability and indemnity obligations under the provisions herein.
  5. Railroad Company shall have the right, from time to time, to revise the amount or form of insurance coverage required as circumstances or changing economic conditions may require. Railroad Company shall give outside party written notice of any such requested change at least thirty



(30) days before the date of expiration of the then-existing policy or policies, outside party agrees to, and shall, thereupon provide Railroad Company with such revised policy or policies.

6. Insurance required of SUBCONTRACTOR:

- A. If a SUBCONTRACTOR is to be employed by outside party to perform work on Railroad Company under or by the permission for occupancy granted to outside party by Railroad Company, before commencing work, the SUBCONTRACTOR shall provide and thereafter maintain all of the insurance described in paragraph 1, parts A through E, above, in the same forms and amounts as provided for above and subject to the other terms and conditions provided for in paragraphs 2 through 4 above.
- B. In the alternative, before the SUBCONTRACTOR commences work for outside party on Railroad Company, outside party may provide and thereafter maintain all of the insurance described in paragraph 1, parts A through E, above, in the same forms and amounts as provided for above and subject to the other terms and conditions provided for in paragraphs 2 through 5 above, provided that all such insurance names SUBCONTRACTOR as an additional insured and all such insurance provides coverage to all additional insureds, including Railroad Company, for any liability arising out of work performed by all other additional insureds, including SUBCONTRACTOR.

**Is safety training required?**

Prior to any entry onto Railroad Company's property, the employees and/or subcontractors of a Contractor, Grantee, Licensee, or Permittee shall determine by the guidelines hereinafter provided and by the work to be performed the level of safety training to be required.

All employees and/or subcontractors of a Contractor, Grantee, Licensee, or Permittee not hired by Railroad Company that will work on CN property are required to have minimum [www.contractororientation.com](http://www.contractororientation.com).

- a. EXCEPTION: Railroad Company has exempted those it classifies as "Delivery Persons" from this training. This will include contractors such as UPS, FedEx, trucking companies, etc. who merely access the property to supply materials or equipment.

All employees and/or subcontractors of a Contractor, Grantee, Licensee, or Permittee hired by Railroad Company which will work on Railroad Company property are required to have minimum CN Safety and Security Awareness training, in addition to undergoing a background check. This training and background check must be obtained through the eRailSafe.com website. If not done before, the contractor must contact e-RailSafe at 855-383-7434 to be issued a vendor number prior to accessing the noted website. Minimum information required of a Contractor, Grantee, Licensee, or Permittee and/or their contractor when contacting e-RailSafe is Name, Address, Telephone, Contact Person for State Projects, DOT Contract Number, and the AAR/DOT Number. This training is good for a period of two years.

- a. EXCEPTION: Railroad Company has exempted those employees of contractors providing paving services at a road crossing under construction or repair from this requirement.
- b. EXCEPTION: Railroad Company has exempted those it classifies as "Delivery Persons" from this training. This will include contractors such as UPS, FedEx, trucking companies, etc. who merely access the property to supply materials or equipment.

All employees and/or subcontractors of a Contractor, Grantee, Licensee, or Permittee hired by Railroad Company, whose duties include and who are engaged in the inspection, construction, maintenance, or repair of railroad track, bridges, roadway, signal and communication systems, roadway facilities, or roadway machinery that will work foul of or have the potential to foul a live track are considered Roadway Workers under FRA regulations and CN Policy. They must complete the On-Track Safety Training course approved by Railroad Company and provided by R.R. Safety – AMR, P.O. Box 75, Lomira, WI 53048, telephone (920) 517-1677, email [rrsafetytraining@yahoo.com](mailto:rrsafetytraining@yahoo.com). This training must be repeated at least once each calendar year.

- a. EXCEPTION: Railroad Company has exempted those employees of contractors providing paving services at a road crossing under construction or repair from this requirement.
- b. EXCEPTION: Railroad Company has exempted those it classifies as “Delivery Persons” from this training. This will include contractors such as UPS, FedEx, trucking companies, etc. who merely access the property to supply materials or equipment.
- c. All the employees and/or subcontractors of a Contractor, Grantee, Licensee, or Permittee who will operate on-track machinery or those who will provide protection for other employees and/or subcontractors of a Contractor, Grantee, Licensee, or Permittee must also be trained on CN US Operating Rules pertaining to their duties. They must take and pass the required examination. This training is good for a period of two years.
- d. “Potential to foul a live track” is considered, at a minimum, to be working within twenty-five (25) feet of the track; or as otherwise to be determined by CN Design & Construction Department.

The employees, subcontractors, and/or agents of the Licensee and/or its contractor shall qualify for, and make available for inspection to Railroad Company's employees or other authorized personnel at all times while on Railroad Company property, a photo identification issued by [www.e-railsafe.com](http://www.e-railsafe.com), along with at least one other government-issued form of identification. Licensee and/or their contractor shall bear all costs of compliance with the requirements of this Section. Railroad Company reserves the right to bar any of employees or agents of a Contractor, Grantee, Licensee, or Permittee and/or their contractor from Railroad Company's property at any time for any reason.

Email the above back to [john.dinning@cn.ca](mailto:john.dinning@cn.ca)

*Revised 2016-11-01*

# **MISSISSIPPI DEPARTMENT OF TRANSPORTATION**

**SECTION 904 - NOTICE TO BIDDERS NO. 3602**

**CODE: (SP)**

**DATE: 8/16/2021**

**SUBJECT: Pay Item Correction**

**PROJECT: BR-0072-05(011) / 103330302 – Tate County  
BR-0072-05(011) / 103330303 – Tunica County**

Bidders are hereby advised that the Plan Summary Sheets in the Contract Plans do not show a pay item for Settlement Plates. This is in error. The following pay item has been added to the Bid Sheets:

907-207-A001 Settlement Plate (4 Each)

# MISSISSIPPI DEPARTMENT OF TRANSPORTATION

**SPECIAL PROVISION NO. 907-207-2**

**CODE: (SP)**

**DATE: 03/25/2019**

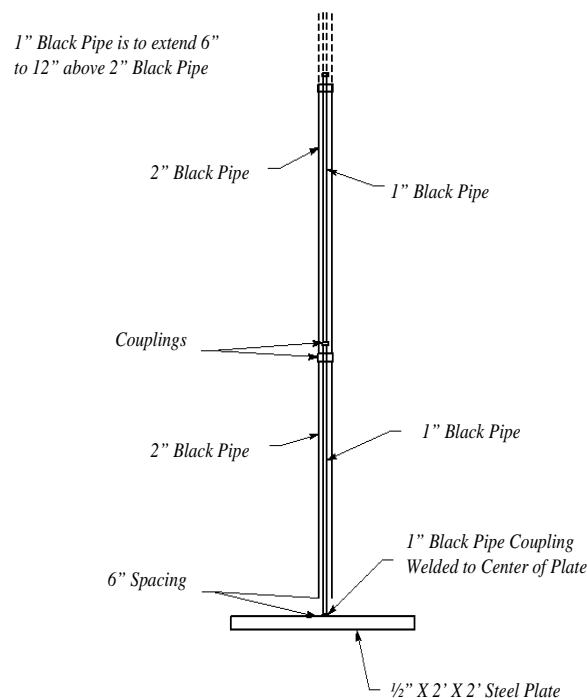
**SUBJECT: Settlement Plate**

Section 907-207, Settlement Plate, is added to and becomes a part of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction as follows.

**907-207.02--Materials.** Delete the paragraph in Subsection 207.02 on page 123, and substitute the following.

The required material lengths and quantities are the responsibility of the Contractor based on the embankment total height, plus surcharge height, if required, plus stick-up. The settlement plate assembly details and materials shall be as shown in Figure 1. Actual quantities will vary based on site conditions at the time of placement. The Contractor shall be responsible for verification of ground line at the time of construction and adjustment of quantities, as needed.

After Subsection 207.02.3 on page 123, add the following figure.



**Figure 1. Settlement Plate Assembly Detail**

**907-207.03--Construction Requirements.**

**907-207.03.2--Monitoring.** Delete the paragraph in Subsection 207.03.2 on page 124, and substitute the following.

Monitoring of the settlement plate(s) will be done weekly commencing immediately after each settlement plate is set and shall continue until a 180- day waiting period is completed. The 180- day waiting period does not begin until the embankment and, if applicable, the surcharge construction is complete. The settlement plate(s) elevation shall be surveyed weekly and recorded to the nearest hundredth of a foot (0.01'). The data shall be recorded on a Department furnished settlement plate excel data sheet(s). The data sheet can be downloaded at [www.GoMDOT.com](http://www.GoMDOT.com) under Construction Division Forms. A sample of the data sheet is attached. An electronic data shall be reported weekly to the Project Engineer for review. The data from the settlement plate(s) shall be forward to the Geotechnical Engineer, with copies to the Project Engineer, every 30 days for evaluation. Monitoring shall be performed from an established survey location outside the limits of anticipated settlement.

**907-207.04--Method of Measurement.** Delete the paragraph in Subsection 207.04 on page 124, and substitute the following.

Settlement plate will be measured per each. No separate payment will be made for maintaining, monitoring or reporting the settlement plate(s) data for the 180-day waiting period. Cost associated with maintaining, monitoring, surveying, and reporting settlement plate(s) data shall be included in the cost of the settlement plate.

**907-207.05--Basis of Payment.** Delete the pay item listed on page 124, and substitute the following.

907-207-A: Settlement Plate

- per each

[illegible]

Bridge Replacements on SR 3 (Bridge Nos. 183.8 & 184.2), known as Federal Aid Project No. BR-0072-05(011) / 103330302 & 303 in Tate and Tunica Counties.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
<b>Roadway Items</b>					
0010	201-A001		1	Lump Sum	Clearing and Grubbing
0020	201-B001		2	Acre	Clearing and Grubbing
0030	202-A001		1	Lump Sum	Removal of Obstructions
0040	202-B007		18,645	Square Yard	Removal of Asphalt Pavement, All Depths
0050	202-B069		602	Square Yard	Removal of Concrete Pavement w/ Variable Depth Overlay
0060	202-B073		8,170	Square Yard	Removal of Concrete Pavement, All Depths
0070	202-B158		3,388	Linear Feet	Removal of Guard Rail, Including Rails, Posts and Terminal Ends
0080	202-B191		536	Linear Feet	Removal of Pipe, 8" And Above
0090	202-B241		2	Mile	Removal of Traffic Stripe
0100	203-A001	(E)	33,759	Cubic Yard	Unclassified Excavation, FM, AH
0110	203-EX020	(E)	345,749	Cubic Yard	Borrow Excavation, AH, FME, Class B9
0120	203-G001	(E)	59,676	Cubic Yard	Excess Excavation, FM, AH
0130	206-A001	(S)	250	Cubic Yard	Structure Excavation
0140	209-A005		5,300	Square Yard	Geotextile Stabilization, Type V, Non-Woven
0150	213-C001		30	Ton	Superphosphate
0160	216-A001		414	Square Yard	Solid Sodding
0170	217-A001		1,133	Square Yard	Ditch Liner
0180	219-A001		9	Thousand Gallon	Watering [\$20.00]
0190	220-A001		29	Acre	Insect Pest Control [\$30.00]
0200	221-A001	(S)	46	Cubic Yard	Concrete Paved Ditch
0210	223-A001		58	Acre	Mowing [\$50.00]
0220	224-A001		1,244	Square Yard	Soil Reinforcing Mat
0230	225-A001		58	Acre	Grassing
0240	225-B001		174	Ton	Agricultural Limestone
0250	225-C001		116	Ton	Mulch, Vegetative Mulch
0260	226-A001		58	Acre	Temporary Grassing
0270	234-A001		10,320	Linear Feet	Temporary Silt Fence
0280	234-C001		810	Linear Feet	Super Silt Fence
0290	234-F001		500	Linear Feet	Turbidity Barrier
0300	235-A001		140	Each	Temporary Erosion Checks
0310	236-A008		3	Each	Silt Basin, Type D
0320	237-A002		300	Linear Feet	Wattles, 20"

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0330	245-A001		300	Linear Feet	Silt Dike
0340	246-A001		900	Linear Feet	Sandbags
0350	249-A001		1,408	Ton	Riprap for Erosion Control
0360	304-B002	(GT)	8,280	Ton	Granular Material, Class 3, Group D
0370	304-B008	(GT)	15,612	Ton	Granular Material, Class 9, Group B
0380	307-B003	(M)	17,294	Square Yard	6" Soil-Lime-Water Mixing, Class B
0390	307-D001		234	Ton	Lime
0400	307-S001	(A3)	8,647	Gallon	Bituminous Curing Seal
0410	308-A001		589	Ton	Cement
0420	308-B002	(M)	25,516	Square Yard	Soil-Cement-Water Mixing, Optional Mixers, Base
0430	308-B003	(M)	17,294	Square Yard	Soil-Cement-Water Mixing, Optional Mixers, Design Soil
0440	308-S001	(A3)	6,379	Gallon	Bituminous Curing Seal
0450	403-A003	(BA1)	3,976	Ton	12.5-mm, ST, Asphalt Pavement
0460	403-A006	(BA1)	3,710	Ton	19-mm, ST, Asphalt Pavement
0470	403-A015	(BA1)	3,014	Ton	9.5-mm, ST, Asphalt Pavement
0480	403-B006	(BA1)	396	Ton	19-mm, ST, Asphalt Pavement, Leveling
0490	406-D001		4,037	Square Yard	Fine Milling of Bituminous Pavement, All Depths
0500	407-A001	(A2)	5,069	Gallon	Asphalt for Tack Coat
0510	408-A002	(A3)	739	Gallon	Asphalt for Prime Coat, Cut-Back MC-70 or Emulsified EA-1
0520	413-E001		189	Linear Feet	Sawing and Sealing Transverse Joints in Asphalt Pavement
0530	423-A001		3	Mile	Rumble Strips, Ground In
0540	501-K001		59	Square Yard	Transverse Grooving
0550	502-A001	(C)	404	Square Yard	Reinforced Cement Concrete Bridge End Pavement
0560	503-C010		2,415	Linear Feet	Saw Cut, Full Depth
0570	601-B001	(S)	7	Cubic Yard	Class "B" Structural Concrete, Minor Structures
0580	602-A001	(S)	91	Pounds	Reinforcing Steel
0590	603-ALT003	(S)	600	Linear Feet	18" Type A Alternate Pipe
0600	603-ALT014	(S)	120	Linear Feet	42" Type A Alternate Pipe
0610	603-CA011	(S)	128	Linear Feet	18" Reinforced Concrete Pipe, Class III
0620	603-CA026	(S)	344	Linear Feet	24" Reinforced Concrete Pipe, Class III
0630	603-CA055	(S)	40	Linear Feet	36" Reinforced Concrete Pipe, Class III
0640	603-CA066	(S)	72	Linear Feet	42" Reinforced Concrete Pipe, Class III
0650	603-CA076	(S)	16	Linear Feet	48" Reinforced Concrete Pipe, Class III
0660	603-CB003	(S)	2	Each	18" Reinforced Concrete End Section



Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0670	603-CB004	(S)	6	Each	24" Reinforced Concrete End Section
0680	603-CB006	(S)	2	Each	36" Reinforced Concrete End Section
0690	603-CB007	(S)	4	Each	42" Reinforced Concrete End Section
0700	605-AA001	(S)	151	Square Yard	Geotextile for Subsurface Drainage, Type III
0710	605-T001	(S)	216	Linear Feet	4" Perforated Pipe for Underdrains
0720	605-U001	(S)	72	Linear Feet	4" Non-perforated Pipe for Underdrains
0730	605-W001	(GY)	9	Cubic Yard	Filter Material for Combination Storm Drain and/or Underdrains, Type A, FM
0740	606-B001		400	Linear Feet	Guard Rail, Class A, Type 1
0750	606-D022		8	Each	Guard Rail, Bridge End Section, Type I
0760	606-E005		8	Each	Guard Rail, Terminal End Section, Flared
0770	609-D004	(S)	1,423	Linear Feet	Combination Concrete Curb and Gutter Type 2 Modified
0780	615-A024	(S)	96	Linear Feet	Concrete Bridge End Barrier, 37.5"
0790	616-A001	(S)	28	Square Yard	Concrete Median and/or Island Pavement, 10-inch
0800	616-A004	(S)	560	Square Yard	Concrete Median and/or Island Pavement, 4-inch
0810	617-A001		41	Each	Right-of-Way Marker
0820	618-A001		1	Lump Sum	Maintenance of Traffic
0830	619-A1004		3	Mile	Temporary Traffic Stripe, Continuous White, Paint
0840	619-A1007		436	Linear Feet	Temporary Traffic Stripe, Continuous White, Type 1 or 2 Tape
0850	619-A2004		3	Mile	Temporary Traffic Stripe, Continuous Yellow, Paint
0860	619-A5002		13,339	Linear Feet	Temporary Traffic Stripe, Detail, Paint
0870	619-A6004		636	Linear Feet	Temporary Traffic Stripe, Legend, Paint
0880	619-D1001		102	Square Feet	Standard Roadside Construction Signs, Less than 10 Square Feet
0890	619-D2001		1,026	Square Feet	Standard Roadside Construction Signs, 10 Square Feet or More
0900	619-G4001		36	Linear Feet	Barricades, Type III, Double Faced
0910	619-G4005		594	Linear Feet	Barricades, Type III, Single Faced
0920	619-G5001		255	Each	Free Standing Plastic Drums
0930	619-G7001		7	Each	Warning Lights, Type "B"
0940	619-K4001		1	Each	Installation and Removal of Guardrail, Terminal End Section
0950	620-A001		1	Lump Sum	Mobilization
0960	621-A001		1	Each	Field Laboratory
0970	626-C001		18,791	Linear Feet	6" Thermoplastic Double Drop Edge Stripe, Continuous White
0980	626-D002		700	Linear Feet	6" Thermoplastic Double Drop Traffic Stripe, Skip Yellow
0990	626-E002		21,430	Linear Feet	6" Thermoplastic Double Drop Traffic Stripe, Continuous Yellow

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1000	626-G004		4,007	Linear Feet	Thermoplastic Double Drop Detail Stripe, White
1010	626-G005		444	Linear Feet	Thermoplastic Double Drop Detail Stripe, Yellow
1020	626-H001		66	Square Feet	Thermoplastic Double Drop Legend, White
1030	626-H002		424	Linear Feet	Thermoplastic Double Drop Legend, White
1040	627-L001		238	Each	Two-Way Yellow Reflective High Performance Raised Markers
1050	630-A001		139	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness
1060	630-A003		149	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness
1070	630-B002		54	Square Feet	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Ground Mounted
1080	630-C002		32	Linear Feet	Steel U-Section Posts, 2.0 lb/ft
1090	630-C003		553	Linear Feet	Steel U-Section Posts, 3.0 lb/ft
1100	630-E004		98	Pounds	Structural Steel Angles & Bars, 7/16" x 2 1/2" Flat Bar
1110	630-F006		40	Each	Delineators, Guard Rail, White
1120	630-G005		8	Each	Type 3 Object Markers, OM-3R or OM-3L, Post Mounted
1130	630-K002		45	Linear Feet	Welded & Seamless Steel Pipe Posts, 3"
1140	630-K003		32	Linear Feet	Welded & Seamless Steel Pipe Posts, 4"
1150	699-A001		1	Lump Sum	Roadway Construction Stakes
1160	815-A007	(S)	1,296	Ton	Loose Riprap, Size 300
1170	815-E001	(S)	1,599	Square Yard	Geotextile under Riprap
1180	815-F002	(S)	170	Ton	Sediment Control Stone
1185	907-207-A001		4	Each	Settlement Plate
1190	907-253-A001		486	Linear Feet	Coir Fiber Baffle
1200	907-899-A001		1	Lump Sum	Railway-Highway Provisions
1210	907-906001		1,040	Hours	Trainees [\$5.00]
<b>ALTERNATE GROUP AA NUMBER 1</b>					
1220	304-F001	(GT)	3,490	Ton	3/4" and Down Crushed Stone Base
<b>ALTERNATE GROUP AA NUMBER 2</b>					
1230	304-F002	(GT)	3,490	Ton	Size 610 Crushed Stone Base
<b>ALTERNATE GROUP AA NUMBER 3</b>					
1240	304-F003	(GT)	3,490	Ton	Size 825B Crushed Stone Base
<b>ALTERNATE GROUP BB NUMBER 1</b>					
1250	605-W002	(GY)	136	Cubic Yard	Filter Material for Combination Storm Drain and/or Underdrains, Type B, FM
<b>ALTERNATE GROUP BB NUMBER 2</b>					
1260	605-W003	(GY)	136	Cubic Yard	Filter Material for Combination Storm Drain and/or Underdrains, Type C, FM
<b>Bridge Items</b>					

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1270	501-K001		4,509	Square Yard	Transverse Grooving
1280	803-D007	(S)	4,575	Linear Feet	HP 14 x 89 Steel Piling
1290	803-K010	(S)	792	Linear Feet	Drilled Shaft, 72" Diameter
1300	803-L006	(S)	1	Each	Test Shaft, 72" Diameter
1310	803-M009	(S)	161	Linear Feet	Trial Shaft, 72" Diameter
1320	803-N001	(S)	60	Linear Feet	Exploration
1330	803-P004	(S)	1,150	Linear Feet	30" Steel Pipe Piling, Wall Thickness 0.750"
1340	804-C185	(S)	1,553	Linear Feet	130' Prestressed Concrete Beam, Type FIB-63
1350	804-C196	(S)	835	Linear Feet	140' Prestressed Concrete Beam, Type FIB-63
1360	805-A001	(S)	524,370	Pounds	Reinforcement
1370	805-C001	(S)	5,552	Pounds	Reinforcement, Corrosion Resistant
1380	813-A004	(S)	2,028	Linear Feet	Concrete Railing, 36"
1390	815-A007	(S)	3,148	Ton	Loose Riprap, Size 300
1400	815-E001	(S)	3,630	Square Yard	Geotextile under Riprap
1410	907-607-PP001		280	Linear Feet	Safety Fence
1420	907-803-B001	(S)	2	Each	Conventional Static Pile Load Test [\$5,000.00]
1430	907-803-I003	(S)	4	Each	PDA Test Pile, HP Steel Pile
1440	907-803-I004	(S)	2	Each	PDA Test Pile, Steel Pipe Pile
1450	907-803-J001	(S)	6	Each	Pile Restrike
1460	907-804-A001	(S)	1,557	Cubic Yard	Bridge Concrete, Class BDX
1470	907-804-A002	(S)	653	Cubic Yard	Bridge Concrete, Class AA
1480	907-804-A002	(S)	7	Cubic Yard	Bridge Concrete, Class AA 6000 psi
1490	907-804-PP004	(S)	1	Lump Sum	Post Tensioning System
1500	907-804-PP005	(S)	980	Linear Feet	98' Post-Tensioned Concrete Beam, Per Plans
1510	907-804-PP006	(S)	1,298	Linear Feet	130' Post-Tensioned Concrete Beam, Per Plans
1520	907-804-PP007	(S)	750	Linear Feet	150' Post-Tensioned Concrete Beam, Per Plans
1530	907-822-B001		92	Linear Feet	2 1/2" Reinforced Elastomeric Molded Rubber Expansion Joint
1540	907-823-A002		95	Linear Feet	Preformed Joint Seal, Type II
1550	907-832-PP004		1,437	Square Yard	Bridge Concrete Mat