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**THE STATE OF NEW HAMPSHIRE**  
**DEPARTMENT OF TRANSPORTATION**



**VICTORIA F. SHEEHAN**  
**COMMISSIONER**

**WILLIAM CASS, P.E.**  
**ASSISTANT COMMISSIONER**

Bureau of Construction  
January 7, 2016

Her Excellency, Governor Margaret Wood Hassan  
and the Honorable Council  
State House  
Concord, New Hampshire 03301

**REQUESTED ACTION**

1. Authorize the Department of Transportation to enter into a contract with R.S. Audley, Inc. (Vendor 154222) of Belmont, NH on the basis of a low bid of \$49,419,914.55 for the reconstruction of I-93 mainline, beginning in the vicinity of the Weigh Stations in Windham and ending near the Kendall Pond Road crossing in Derry, from the date of Governor and Council approval through October 25, 2019 unless extended by the Department in accordance with the Standard Specifications.

Funding is available as follows for FY 2016 and FY 2017, and is contingent upon the availability and continued appropriation of FY 2018 and FY 2019 funds.

Funding is available as follows:

	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>
04-96-96-963515-3054* Consolidated Federal Aid 400-500870 Highway Contract Payments	\$10,477,187.55	\$12,932,112.80	\$19,344,311.55	\$6,666,302.65

\* The Consolidated Federal Fund, AU 3054, is utilized at this time to encumber funds for this request until the approval of a Transportation Infrastructure Finance Innovation Act (TIFIA) loan.

2. Further authorize that a contingency in the amount of \$988,398.29 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 2% of the contract amount.

	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>
04-96-96-963515-3054* Consolidated Federal Aid 400-500870 Highway Contract Payments	\$209,543.75	\$258,642.26	\$386,886.23	\$133,326.05

\*The Consolidated Federal Fund, AU 3054, is utilized at this time to encumber funds for this request until the approval of a Transportation Infrastructure Finance Innovation Act (TIFIA) loan.

3. Further authorize the Department of Transportation to pay the Department of Environmental Services (DES) (Vendor #177894) Aquatic Resource Mitigation (ARM) Fund \$1,823,238.90 for project mitigation as documented in an approval letter dated July 10, 2015.

Funding is available as follows:	<u>FY 2016</u>
04-96-96-963515-3054*	
Consolidated Federal Aid	
400-500870 Highway Contract Payments	\$1,823,238.90

\*The Consolidated Federal Fund, AU 3054, is utilized at this time to encumber funds for this request until the approval of a Transportation Infrastructure Finance Innovation Act (TIFIA) loan.

### EXPLANATION

This project is part of the State's Ten Year Transportation Improvement Plan and will be funded with a TIFIA loan pending USDOT approval, which is expected to be received in May, 2016. This project involves the reconstruction of I-93 mainline (NB and SB), beginning in the vicinity of the Weigh Stations in Windham, and ending near the Kendall Pond Road crossing in Derry (approximately 3 miles). More specifically, the southbound work will match into the previously constructed Salem-Manchester 13933G contract, and the northbound work will match into the previously constructed Salem-Manchester 13933H contract limits. This project will reconstruct approximately 2.3 miles of I-93 NB mainline and 3,400 linear feet of approach work at the southerly end of the project. The project also will reconstruct 3.0 miles of I-93 SB mainline and 5,790 linear feet of approach work at the southerly end of the project. This project includes the widening of four bridges, two (2) over North Lowell Road in Windham and two (2) over Fordway Extension in Derry. The project will construct a 327 foot long pedestrian box culvert and approximately 500 linear feet of recreation trail adjacent to I-93 SB. The project includes a NHDOT maintenance access ramp from Kendall Pond Road to I-93 NB. The project includes 1,950 linear feet of sound abatement wall along I-93 NB near Derryfield Road as well as ITS infrastructure construction along the corridor. The project will construct several water quality measures to include six (6) wet extended detention basins, one (1) gravel wetland, and two (2) treatment swales.

These improvements are part of the overall I-93 expansion project, Salem-Manchester 10418C, and will improve safety and capacity along I-93 between the Exit 3 and Exit 4 interchanges. This is the first of four projects required to complete the I-93 northern section infrastructure improvements.

The contingency amount is proposed to be 2% of the contract amount or \$988,398.29. This is to account for risks associated with stormwater management (water quality measures), unanticipated traffic control plan adjustments and/or modifications, and coordination efforts with the future Salem-Manchester 14633D contract (to the north). This amount is also based upon prior experience with previous I-93 corridor improvement contracts.

Pursuant to RSA 482-A, to compensate for the loss of jurisdictional areas. DES adopted rules that require mitigation for major impact projects, certain minor impact projects with jurisdictional impacts of 10,000 square feet or greater, and projects involving over 200 linear feet of stream impact (Env-Wt 303.02). The Aquatic Resource Mitigation (ARM) Fund allows DES to collect mitigation funds in lieu of wetland restoration, wetland creation, or upland buffer preservation, as part of a wetlands permit application. These funds are then pooled by DES with payments from other permit applications to fund projects that have greater conservation value within the same watershed. The ARM program was authorized in legislation that became effective in August 2006.

This one-time payment in Fiscal Year 2016 of \$1,823,238.90 into the ARM fund is required by March 7, 2016 as compensation for an additional 9.58 acres of impacts associated with all work completed to date for the I-93 expansion between Salem and Manchester, as well as work to be completed under this project and the three (3) remaining northern capacity improvement projects for the overall I-93 Salem-Manchester project. These additional wetland impacts are over and above the amounts originally permitted in file #2002-02033. DES will make mitigation funds available for disbursement in the 26 corridor communities, and to initiate a Stream Passage Improvement Program with the purpose of improving conditions for aquatic organism passage along stream corridors at state and municipal road crossings.

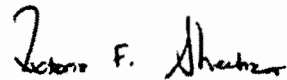
This contract has the concurrence of the Federal Highway Administration.

The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available and that the bid reasonably conforms to the engineer's estimate in accordance with State procedure. Copies of the fully executed contract are on file at the Secretary of State's Office and the Department of Administrative Services Office, and subsequent to Governor and Council approval will be on file at the Department of Transportation.

This project's funding is 100% TIFIA loan proceeds.

A copy of the Tabulation of Bids received for this project is attached along with the Contract Supplemental Sheet and a map indicating the location of the project.

Sincerely,



Victoria F. Sheehan  
Commissioner

VFS/md

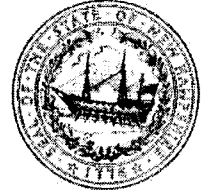
Department Estimate: \$50,102,270.25  
Contract Amount: \$49,419,914.55  
Under Estimate: \$ 682,355.70

Attachments





The State of New Hampshire  
**DEPARTMENT OF ENVIRONMENTAL SERVICES**



**Thomas S. Burack, Commissioner**  
July 10, 2015

NH Dept of Transportation  
Matt Urban  
PO Box 483  
Concord, NH 03302

RE: NH Dept of Transportation - File # 2014-03446 – Windham, Derry, Londonderry, and Manchester

Dear Mr. Urban:

The Department of Environmental Services (DES) Wetlands Bureau has concluded its review of file 2014-03446. DES issues this approval notice for the application to:

Improve approximately 13 miles of I-93 from north of Exit 3 in Windham and extending northerly through the Towns of Derry and Londonderry and ending at the I-93/I-293 interchange in the City of Manchester. The improvements involve a combination of transportation infrastructure improvements and measures to increase roadway capacity and safety. The project involves widening of I-93 from the existing limited access two-lane highway in each direction to a limited access four-lane highway in each direction. The impacts are to approximately 24.35 acres of palustrine and riverine wetlands which include 4,039 linear feet of perennial streams, 4,135 linear feet of intermittent streams and two vernal pools.

Compensatory mitigation includes a payment of \$1,823,238.90 into the DES Aquatic Resource Mitigation ("ARM") fund for disbursement in the 26 corridor communities and to initiate a Stream Passage Improvement Program with the purpose of improving conditions for aquatic organism passage along stream corridors at state and municipal road crossings. The ARM Fund Payment is for an additional 9.58 acres of impact from what was originally permitted in file #2002-02033. NHDOT project #10418C.

Approve the rule waiver for Env-Wt 806.05(b) requiring payment to the ARM Fund be submitted within 120 days and allow extension to 240 days as requested.

The application has been deemed eligible for payment into the Aquatic Resource Mitigation fund as the form of compensatory mitigation.

The decision to approve this application was based on the following conditions being met:

- I. The wetland impacts associated with this approval (Approved Plans) are based on the application package received on December 5, 2014 and the following:
  - a) Amended New Hampshire Department of Environmental Services Wetlands Bureau (hereinafter "NHDES")/Army Corps of Engineers permit application received on August 12, 2004.
  - b) Interstate 93 Improvements Salem to Manchester IM-IR-93-1(174)0 14633B plans dated August 6, 2014 and received December 5, 2014.
  - c) Interstate 93 Improvements Salem to Manchester A000(501) 14633C & 14633D plans dated August 15, 2014 and received December 5, 2014.
  - d) Interstate 93 Improvements Salem to Manchester X-A000(865) 14633I plans dated August 15, 2014 and received December 5, 2014.
  - e) Interstate 93 Improvements Salem to Manchester A000(501) 14633H plans dated August 29, 2014 and received December 5, 2014.
  - f) The memo and attachments from NH Department of Transportation (hereinafter "NHDOT") to NH DES titled "Response to RFMI" dated May 15, 2015 as received May 19, 2015.
  - g) The memo and attachments from NH DOT to NH DES titled "Further Clarification to RFMI Responses" dated June 25, 2015 as received on June 26, 2015.

DES Web site: [www.des.nh.gov](http://www.des.nh.gov)

P.O. Box 95, 29 Hazen Drive, Concord, New Hampshire 03302-0095

Telephone: (603) 271-3501 • Fax: (603) 271-6683 • TDD Access: Relay NH 1-800-735-2964

2. At the conclusion of construction work, impacts associated with the northern contracts (14633B, 14633C, 14633D, 14633D, 14633H and 14633I) that exceed 24.5 acres of wetland impact, 4,201 linear feet of perennial stream impact or 4,135 linear feet of intermittent stream impact as represented in the Approved Plans and materials contained in NHDES files (2002-02033 and 2014-03446), shall require submittal of a summary of any changes including resource types and new impact amounts. This information will be reviewed for additional mitigation by NHDES after coordination with the appropriate local Conservation Commission(s), State and Federal Agencies.
3. This permit is contingent on the execution of the mitigation components specified in the Wetland Mitigation Report dated July 2004 and received by NHDES on August 12, 2004.
4. This approval is contingent on receipt by NHDES of a one-time payment of \$ 911,619.46 to the NHDES Aquatic Resource Mitigation (hereinafter "ARM") Fund. The payment shall be received by NHDES within 240 days of the date of the approval letter or the application will be denied.
5. This approval is contingent on receipt by NHDES of a second, one-time payment of \$ 911,619.45 to the NHDES ARM Fund for the purpose of initiating the Stream Passage Improvement Program. The payment shall be received by NHDES within 240 days of the date of the approval letter or the application will be denied.
6. This permit is contingent on NHDOT continuing funding for an Environmentalist IV position within NHDES. The responsibilities and funding for this position are to be fully detailed in a memorandum of agreement to be negotiated and executed between NHDOT and NHDES by June 30, 2016.
7. This permit is contingent upon the submission of contract specific stream diversion and erosion control plans to the NHDES for review and approval. Those plans shall detail the timing and method of stream flow diversion during construction, and the temporary siltation, erosion and turbidity control measures to be implemented.
8. All activity shall be in accordance with the Surface Water Quality Protection Act, RSA 483-B.
9. This permit is contingent on the applicant's coordination and compliance with all of NHDES Dam Safety Program, rules and regulations.
10. NHDOT will comply with the provisions of the Section 401 Water Quality Certification Number 2002-007, issued May 2, 2006, and noncompliance shall be considered a violation of the conditions of this permit.
11. NHDOT shall comply with the water quality monitoring program developed in accordance with requirements established by NHDES, Watershed Management Bureau and the "Guidance for SWPPPs, BMP Inspection and Maintenance, Turbidity and Sediment Monitoring for NHDOT Projects with 401 Water Quality Certifications" dated August 14, 2013, or any successor documents.
12. Design plans shall be submitted to NHDES in accordance with the Salem-Manchester (I-93) Bureau of Environment Communication Plan dated March 6, 2014, or any NH DES/NH DOT agreed upon successor documents.
13. During final design, efforts to avoid or minimize wetland and surface water impacts shall be maximized by constructing steepened side slopes, retaining walls, and accommodations for wildlife passage.
14. NHDOT shall make every effort to improve upon the existing stream crossings for tier 1 and tier 2 stream crossings, in accordance with the "Salem-Manchester 10418C I-93 Improvements Northern Segment Culvert Design/Stream Crossing Summary" dated May 7, 2015 as received by the department May 19, 2015.
15. NHDOT will reconstruct existing crossings on Cohas Brook in Manchester, at northbound stations 1965+50, 1989+50, and southbound station 3993+00 by repairing or extending the existing headwalls or abutments without further permanent impacts to the stream bed or banks at these crossings.
16. The Beaver Brook Bridge crossings shall be designed to meet all of the requirements in Env-Wt 900 and include 4 foot-wide wildlife shelves to promote passage of wildlife. Detailed plans and data meeting all the documentation requirements of Env-Wt 900 depicting these crossings shall be submitted to NHDES for review and written approval.

17. The downstream channel construction of the Long Pond Brook Crossing, at station 1940+00, and the Stonehenge Road culvert extension, at station 3751+00, shall be natural stream channel design comparable to the existing reference reaches, including the width, slope and substrate. Angular rip rap or stone shall not be used for final grade material.
18. All stream crossings shall be compatible with the "Guidelines for Naturalized River Channel Design and Bank Stabilization", NH DOT (February 2007), the "White Paper on River Restoration and Fluvial Geomorphology", NH DOT (May 2006) and "New Hampshire Stream Crossing Guidelines", University of New Hampshire (May 2009).
19. Plans shall be submitted to NHDES and appropriate local Conservation Commission(s) at least 30 days prior to construction for each construction contract with a summary of wetland impacts for the associated contract work. Review and comments from NHDES and Conservation Commissions shall be considered by the NH DOT and incorporated into the design where practicable.
20. The NHDOT shall provide the stream order, stream type, geography, bed material, fluvial geomorphology including degradation, and position within the surrounding landscape, floodplains and the characterization of adjacent vegetation to DES, for comparison in the Stream Passage Improvement Program on the seven Tier 3 stream crossings and the two Tier 2 stream crossings by September 1, 2015.
21. The NHDOT shall submit to NH DES, for written approval, each stream specific river stone specification for the seven Tier 3 stream crossings and the two Tier 2 stream crossings.
22. This permit shall not be effective until it has been recorded with the appropriate county Registry of Deeds by the permittee. Prior to starting work under this permit, the permittee shall submit a copy of the recorded permit to the DES Wetlands Program by certified mail, return receipt requested.
23. Potential habitat areas for the eastern hognose snake shall be determined using GIS-level analysis prior to construction to determine if the species will be impacted by the project in coordination with the NH Fish and Game Department (hereinafter "NHF&G").
24. The NHDOT shall notify, in writing, NHDES and the local conservation commission(s) in the municipality(ies) where the construction is to take place of their intention to commence construction no less than 5 business days prior to construction.
25. The permittee shall schedule a pre-construction meeting prior to the start of each construction contract with NH DES Land Resources Management Program staff to occur at least 48 hours prior to the start of any work authorized by this permit to review the conditions of this wetlands permit and the NHDES Water Quality Certificate, and any other environmental commitments. It shall be the responsibility of NHDOT to schedule the pre-construction meeting and it may be held on-site or at the NHDES offices in Concord. The meeting shall be attended by the NH DOT Bureau of Environment Staff, contract administrator and project engineers, environmental monitor, and the contractor(s) responsible for performing the work.
26. There shall be no alteration of wetlands or surface waters, not shown on the Approved Plans without appropriately updated contract plans copied to the local conservation commission and written agreement from NHDES Wetlands staff.
27. Clean water bypasses or water diversions affecting jurisdictional areas under 482-A which meet any of the following conditions shall require a review and written approval by NHDES prior to working in the resource areas:
  - a) Replacements or extensions of culverts which have a hydrologic opening greater than 12.5 square feet.
  - b) Work, including installation of diversion structures, which is not done during low flow (no flow for intermittent streams) conditions.
  - c) Work areas which cannot be completely isolated from the resource area with appropriate Best Management Practices.
  - d) Construction methods where natural flows are detained in the upstream resource for more than 4 days in total.

- e) Situations where the total length of the stream impact or grading associated with the culvert construction or stream work extend more than 50 linear feet beyond the original culvert inlet or outlet. (This 50 foot work zone shall include scouring aprons and all water shall be withdrawn and/or discharged within this zone.)
28. NHDOT shall limit unnecessary removal of vegetation within riparian areas during road construction and areas cleared of vegetation shall be re-vegetated as soon after construction as possible so as to minimize erosion and restore wildlife habitat. Temporary impact areas shall be revegetated with like riparian species.
  29. Land clearing in wetland areas during highway construction is to be kept to a minimum to reduce impacts on wildlife habitat.
  30. Appropriate siltation/erosion/turbidity controls shall be in place prior to construction, shall be maintained during construction, and shall remain until the area is stabilized. Temporary controls shall be removed once the area is permanently stabilized.
  31. The project engineer (Contract Administrator) shall oversee installation of erosion controls and periodically verify that the controls are properly maintained during construction and until all areas are fully stabilized.
  32. Appropriate storm water management and erosion control Best Management Practices (BMPs) shall be implemented to ensure turbidity is minimized and water quality standards are not violated. If the BMPs conflict with the terms or conditions of this permit, the terms and conditions of this permit shall control.
  33. Dredged material shall be placed out of NHDES jurisdiction unless otherwise specified.
  34. Construction equipment shall not be located within surface waters.
  35. Discharge from dewatering of work areas shall be to sediment basins that are: a) located in uplands; b) lined with hay bales or other acceptable sediment trapping liners; c) set back as far as possible from wetlands and surface waters, wherever possible with a undisturbed vegetated buffer of 50 feet, and a minimum undisturbed vegetative buffer of 20 feet.
  36. Within three days of reaching subgrade in the area adjacent to a wetland resource, all exposed soil areas shall be stabilized by placing selects or loaming, seeding and mulching during the growing season, or if not within the growing season, by mulching with tack or netting and pinning on slopes steeper than 3:1.
  37. Where construction activities have been temporarily suspended within the growing season, all exposed soil areas shall be stabilized within 7 days by seeding and mulching.
  38. Between November 30 and May 1 all exposed soil areas shall be stabilized by placing selects, or loaming and mulching with tack or netting and pinning on slopes steeper than 3:1 within a day of establishing the grade that is final or that otherwise will exist for more than 5 days.
  39. The contractor responsible for completion of the work shall utilize techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
  40. Precautions shall be taken to prevent import or transport of soil or seed stock containing nuisance, invasive species such as Purple Loosestrife, Knotweed or Phragmites. The contractor responsible for work shall appropriately deal with invasive species in accordance with the NHDOT Best Management Practices for Roadside Invasive Plants (2008).
  41. Any temporary wetland impact areas shall be properly restored, monitored, and managed in consultation and as approved by NHDES.
  42. Wetland soils from areas vegetated with purple loosestrife shall not be used in the wetland temporary impact areas or restoration sites. The potential for the establishment of the invasive species should be considered in other areas where spoils may be spread to limit its further establishment.



Mitigation Conditions:

43. The mitigation component relative to \$3.5 million dollars of funds committed to the Community Technical Assistance Program (hereinafter "CTAP") resulted in approximately \$2.1 million dollars of funds spent on planning in the following 26 communities: Concord, Bow, Pembroke, Dunbarton, Allenstown, Deerfield, Goffstown, Hooksett, Candia, Raymond, Bedford, Manchester, Auburn, Chester, Fremont, Litchfield, Londonderry, Derry, Hampstead, Sandown, Danville, Hudson, Windham, Salem, Atkinson, and Pelham. The remainder of the funds, \$1.4 million dollars shall continue to be used for the implementation of the earlier phases with the funds to be used for leveraging projects through expertise of state agencies and non-governmental organizations.
44. NHDOT or their designee shall provide an annual report relative to the status and disbursement of the CTAP funds. The report information shall note a description of the project(s), funds to be provided and recipient of the funds. CTAP funds not expended as planned will be directed towards other mitigation for the project as determined jointly by NHDOT, NHDES, US Army Corps of Engineers (ACOE), US Environmental Protection Agency (EPA) and US Federal Highway Administration (FHWA).
45. In accordance with approved plans, wetland creation and flood storage replacement areas shall be properly constructed, landscaped, and monitored. Remedial actions may be necessary to create functioning wetland and floodplain areas similar to those destroyed by the project. Remedial measures may include replanting, relocating plantings, removal of invasive species, changing soil composition and depth, changing the elevation of the wetland surface, and changing the hydrologic regime.
46. Remedial measures necessary for the Haigh Ave and Londonderry South Road mitigation sites shall be coordinated with the NHDES Wetlands Bureau specifying remedial measures, and the mechanism for accomplishing those measures in a timely manner.
47. NHDOT shall designate a qualified professional who will be responsible for the mitigation monitoring of constructed wetlands. Monitoring shall be accomplished in a timely fashion and remedial measures taken if necessary. NHDES shall be notified in writing of the designated professional prior to the start of work and if there is a change of status during the project.
48. Post-construction reports, including a narrative and photographs, documenting the status of the completed mitigation projects (Salem, Haigh Ave herein after "Haigh Ave" and Londonderry South Road, North Site herein after "South Rd") shall be submitted to NHDES.
49. NHDOT, or the designated qualified professional, shall conduct a follow-up inspection after the first growing season, to review the success of the mitigation areas (Haigh Ave and South Rd) and schedule remedial actions if necessary. A report outlining these follow-up measures and a schedule for completing the remedial work shall be submitted by December 1 of that year. Similar inspections, reports and remedial actions shall be undertaken in at least the second, third and fifth years following the completion of each mitigation site.
50. Wetland creation areas shall have at least 75% successful establishment of wetlands vegetation after two (2) growing seasons, or shall be replanted and re-established until a functional wetland is replicated in a manner satisfactory to NHDES.
51. NHDOT shall delineate the wetlands and flood storage volume within the Haigh Ave and South Road mitigation sites, document the delineation with US Army Corps of Engineers' data forms, and depict the delineation as an overlay of the final as-built plans after at least five full growing seasons.
52. NHDOT shall provide information for review and approval by NHDES relative to the mechanisms to be used for preservation of the Cluff Crossing, South Road, and Haigh Ave parcels in perpetuity. The use of a conservation easement for long-term protection of the properties is preferred and should be pursued where possible.
53. NHDOT shall provide NHDES a status report on the remaining properties to be protected as part of the preservation requirements. If the preservation of the properties have not been completed after two years, yearly reports shall be submitted until protection is complete to NHDES' satisfaction.

54. Conservation easements that are placed on the preservation areas shall be written to run with the land, and both existing and future property owners shall be subject to this easement. The conservation easements shall be executed and recorded within two years of the permit issuance.
55. The preservation area plans depicting the conservation easement along with a copy of the final easement language shall be recorded with the Registry of Deeds Office for each property. A copy of the recording from the County Registry of Deeds Office shall be submitted to NHDES.
56. The boundaries of the protected properties shall be surveyed by a licensed surveyor, and marked by permanent markers/signs for purposes of identification and monitoring.
57. NHDES shall be notified of the placement of the permanent markers/signs to coordinate on-site review of their location.
58. Apart from invasive plant control there shall be no removal of the existing vegetative undergrowth within the preservation areas and the placement of fill, construction of structures, and storage of vehicles or hazardous materials is prohibited.
59. NHDES shall be notified in writing of the transfer of any preservation lands and mitigation sites to another organization that has been retained for management purposes and the notification shall state the name of the entity responsible for continuing long-term management and/or stewardship of the lands.
60. Activities in contravention of the conservation easement shall be construed as a violation of RSA 482-A, and those activities shall be subject to the enforcement powers of NHDES, including remediation and fines.

The decision to approve this application was based on the following findings:

1. This is a major impact project per Administrative Rule Env-Wt 303.02(c), projects in nontidal wetlands, nontidal surface waters and banks in excess of 20,000 sq. ft.
2. This approval is to complete the remaining activities necessary for the northern portion of the I-93 upgrade previously allowed under permit #2002-02033 (expiring May 2, 2016) and includes the work stated and as conditioned in the permit.
3. The application refers to documents submitted in the original application file #2002-02033 which supported the issuance of that permit. The current application #2014-03446 is a continuation of essentially the same project and this approval decision by the Department of Environmental Services Wetlands Bureau (NHDES) includes those documents by reference such as and not limited to the Final Environmental Impact Statement (FEIS), the Federal Highway Administration Record of Decision (ROD) and the findings for approval as stated in permit #2002-0233.
4. The need for the proposed impacts has been demonstrated by the applicant per Env-Wt 302.01.
5. The applicant has provided evidence which demonstrates that this proposal is the alternative with the least adverse impact to areas and environments under the department's jurisdiction per Env-Wt 302.03.
6. The applicant has demonstrated by plan and example that each factor listed in Env-Wt 302.04(a), Requirements for Application Evaluation, has been considered in the design of the project.
7. The NH Dept. of Transportation (NHDOT) is responsible for developing transportation systems in a manner that assures a consistent transportation network and meets the safety needs of the general public.
8. Alternatives to the proposed reconstruction and widening of the highway, including transportation system management, transportation demand management, and other options were analyzed in the FEIS. The FEIS concluded that implementation of those alternatives would not address the safety and capacity needs in the project area.
9. NHDOT's Selected Alternative meets the project purpose and represents a balance between impacts to environmental resources, social, cultural, and economic effects with transportation needs.
10. The proposed roadway alignment generally parallels the existing right of way, which reduces the potential for impacts to new wetland systems and streams.
11. The proposed northern expansion includes thirty four Tier 1 stream crossings, two Tier 2 stream crossings and seven Tier 3 Stream Crossings.

12. The NHDOT has demonstrated that the proposed 1,000 foot 60-inch culvert at station 3656+50 is the least impacting alternative due to insufficient area within the median and adjacent developed land.
13. The NHDOT has reduced the amount of stone fill within delineated wetlands and minimized the use of drainage manholes within pipes.
14. The NHDOT has agreed to the use of environmentally friendly matting on the project areas and slopes where matting is necessary.
15. The flagging and survey of wetland boundaries during final design phase will be shown in detail on the contract plans.
16. As a result of all the proposed water quality basins the NHDOT estimates that the overall nutrient loading for the surface water resources will be reduced as part of this proposed highway expansion project.
17. Best Management Practices (BMP's) for treating storm water runoff and erosion and sediment control will be followed during construction thus limiting impacts to aquatic resources in the project area. If the BMP's conflicts with terms and conditions of this permit, the permit terms and conditions will control.
18. Compliance with permit #2002-02033 condition #30 was completed in the I-93 Corridor Multi-Modal Transit Investment Study which can be found on the Rebuilding I-93 Website at <http://www.rebuildingi93.com/content/taskForce/> along with the NHDOT May 25, 2015 submittal of additional information.
19. The NHDOT and NHDES have met monthly to facilitate coordination, implement project goals and achieve overall compliance for this expansion project.
20. The NHDES meets weekly with NHDOT Construction staff and contractors for ongoing contracts to address public concerns and achieve compliance with the permit and conditions.
21. The NHDOT and NHDES have cooperatively developed a communication plan and coordination protocol to streamline and identify critical review periods and information for contract review and approval, on a contract by contract basis.
22. Natural Resource Agency meetings were held at the NHDOT on numerous occasions including the most recent dates of August 20, 2014, November 19, 2014 and April 15, 2015 to coordinate the review and permitting of the project.
23. On January 12, 2015 the NHDES received a letter dated January 9, 2015 from the Londonderry Conservation Commission noting concerns that the percentage of the total mitigation acres proposed within that town is not commensurate with the total percentage of impacts within that town. The Commission also noted concerns the mitigation funds might not be spent in Londonderry or might not improve stream passage in Londonderry and suggests the use of the town's Open Space Plan to identify parcels for mitigation.
24. On March 20, 2015, the NHDES sent a Request for More Information to the applicant regarding an update relative to overall water quality, more details on stream crossings, an update on the previous Transit Investment Study, a response to the concerns noted by the Londonderry Conservation Commission and a summary of the Community Technical Assistance Program.
25. On March 26, 2015 the NHDES held a public hearing in accordance with RSA 482-A:8.
26. At the public hearing, the NHDOT modified a rule waiver request to make the ARM Fund payment within 240 days instead of 365 days as requested in the application noting the rule, Env-Wt 806.05(b), normally requires payment within 120 days.
27. The NHDOT provided an explanation of the current project status, updates on design modifications anticipated to impact natural resources and the proposed mitigation to compensate for the impacts. The NHDOT provided an overview of the proposed Stream Passage Improvement Program (SPIP) with NHDES.
28. At the public hearing the Londonderry Conservation Commission reiterated their concerns stated in their letter of January 9, 2015.

29. On April 15, 2015, the project was on the agenda of the monthly Natural Resource Meeting held at the NHDOT when mitigation funding and availability of disbursement was discussed. The suggestion of further mitigation by acquisition, recommended by the Londonderry Conservation Commission, was discussed and since the NHDOT does not have condemnation rights it was noted that purchasing property would be difficult.
30. On May 18, 2015, the NHDES received a letter from the applicant in response to the Londonderry Conservation Commission letter noting the effective mitigation provided in the town meets the compensation ratios in the NHDES rules Env-Wt 803.05 while the in-lieu fee compensation will be available to the I-93 Corridor Communities for use beyond the required mitigation ratios while the purchase of additional lands or easements is not practicable within the time frame needed to dedicate the funds.
31. On May 19, 2015, the NHDES received a letter from the applicant in response to the Request for More Information sent on March 20, 2015.
32. On May 22, 2015, the NHDES received an e-mail clarifying the permit applied for includes 24.35 acres and the mitigation is \$911,619.46 into the ARM Fund, \$911,619.45 to initiate the SPIP and if upon finalization of the contract plans it is determined there are further impacts then an appropriate payment would also be made to the ARM Fund.
33. On June 17, 2015 the NHDOT and the NHDES signed an Application Review Extension Agreement Form, in accordance with RSA 482-A:3, XIV(a)(3), to allow the requested information be submitted by June 26, 2015 and the time for review of that information until July 10, 2015.
34. On June 25, 2015, the NHDES received Further Clarification to Request for More Information Responses to complete the information requested on March 20, 2015.
35. The NHDES has determined that the activities in the protected shoreland shall not require a permit under RSA 483-B:5-b as the property owner has demonstrated to the department's satisfaction that the property owner has incurred substantial liabilities in a reasonable, good faith reliance on the absence of a controlling law or regulation (at the start of the original project), per rule Env-Wq 1406.03 Exemption for Vested Rights.

Mitigation Findings:

36. The department grants a waiver in accordance with Env-Wt 204.05 to waive rule Env-Wt 806.05(b), the requirement of the ARM Fund payment to be submitted within 120 days is extended to 240 days due to the process of awarding a construction contract and the waiver will not result in an adverse impact on the environment.
37. The Department decision is issued in letter form and upon receipt of the ARM fund payment, the Department shall issue a posting permit in accordance with Env-Wt 803.08(f).
38. NHDES finds that the proposed impacts to wetlands and surface waters will be offset by the execution of the proposed mitigation strategy.
39. The overall project mitigation proposal meets NHDES regulatory mitigation ratios per rule Env-Wt 803.05 and the impacts identified in the current application, which are in excess of the original permit 2002-02033, meet rule Env-Wt 803.04, Compensation Amount.
40. The department has determined that this project is acceptable for payment to the Aquatic Resource Mitigation (ARM) Fund to satisfy the mitigation.
41. The Department decision is issued in letter form and upon receipt of the ARM Fund payment, the Department shall issue a posting permit in accordance with Env-Wt 803.08(f).
42. The payment into the ARM fund shall be deposited in the NHDES fund for the Merrimack River watershed per RSA 482-A:29.

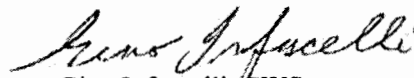
Any person aggrieved by this decision may appeal to the N.H. Wetlands Council ("Council") by filing an appeal that meets the requirements specified in RSA 482-A:10, RSA 21-O:14, and the rules adopted by the Council, Env-WtC 100-200. The appeal must be filed **directly with the Council within 30 days** of the date of this decision and must set forth fully **every ground** upon which it is claimed that the decision complained of is unlawful or unreasonable. Only those grounds set forth in the notice of appeal can be considered by the Council.

Information about the Council, including a link to the Council's rules, is available at <http://nhec.nh.gov/> (or more directly at <http://nhec.nh.gov/wetlands/index.htm>.) Copies of the rules also are available from the DES Public Information Center at (603) 271-2975.

This permit is contingent on receipt of a payment of \$1,823,238.90 dollars to the DES Aquatic Resource Mitigation (ARM) Fund. **The payment should be received after the 30-day reconsideration period or after August 9, 2015. If the payment is not received by DES by March 6, 2016, or 240 days from the approval decision, DES will deny the application. Please include a copy of this letter with the payment.**

If you have any questions please contact Lori Sommer at (603) 271-4059 or via e-mail, [lori.sommer@des.nh.gov](mailto:lori.sommer@des.nh.gov).

Sincerely,



Gino Infascelli, CWS  
Public Works Supervisor  
DES Wetlands Bureau

cc: Town of Londonderry Conservation Commission, Town Manager  
Town of Windham Conservation Commission, Selectmen  
Town of Derry Conservation Commission, Town Manager  
City of Manchester Conservation Commission, Mayor,  
Town of Salem Conservation Commission, Selectmen  
ec: Michael Hicks, US ACOE  
Mark Kern, USEPA



October 16, 2015

## SUPPLEMENTAL PROJECT INFORMATION SHEET

**DESCRIPTION:** This project involves the reconstruction of I-93 mainline (NB and SB), beginning in the vicinity of the Weigh Stations in Windham, and ending near the Kendall Pond Road crossing in Derry (approximately 3 miles). More specifically, the southbound work will match into the previously constructed Salem-Manchester 13933G contract, and the northbound work will match into the previously constructed Salem-Manchester 13933H contract limits. This project will reconstruct approx. 2.3 miles of I-93 NB mainline and 3,400 LF of approach work at the southerly end of the project. The project also will reconstruct 3.0 miles of I-93 SB mainline and 5,790 LF of approach work at the southerly end of the project. This project includes the widening of four bridges, two (2) over North Lowell Road in Windham and two (2) over Fordway Extension in Derry. The project will construct a 327 LF Pedestrian Box Culvert and approximately 500 LF recreation trail adjacent to I-93 SB. The project includes a NHDOT maintenance access ramp from Kendall Pond Road to I-93 NB. The project includes a 1,950 LF sound abatement wall along I-93 NB near Derryfield Road as well as ITS infrastructure construction along the corridor. The project will construct several water quality measures to include six (6) wet extended detention basins, one (1) gravel wetland, and two (2) treatment swales.

**FEDERAL FUNDING:** Transportation Infrastructure Finance Innovation Act (TIFIA) Credit.

**CONTINGENCY:** The contingency amount is proposed to be 2% of the contract amount. This is to account for risks associated stormwater management (water quality measures), unanticipated TCP adjustments/modifications, and coordination efforts with the future Salem-Manchester 14633D contract (to the north). This amount is also based upon prior experience with previous I-93 corridor improvements contracts.

**PROJECT INITIATED:** Ten Year Transportation Improvement Plan

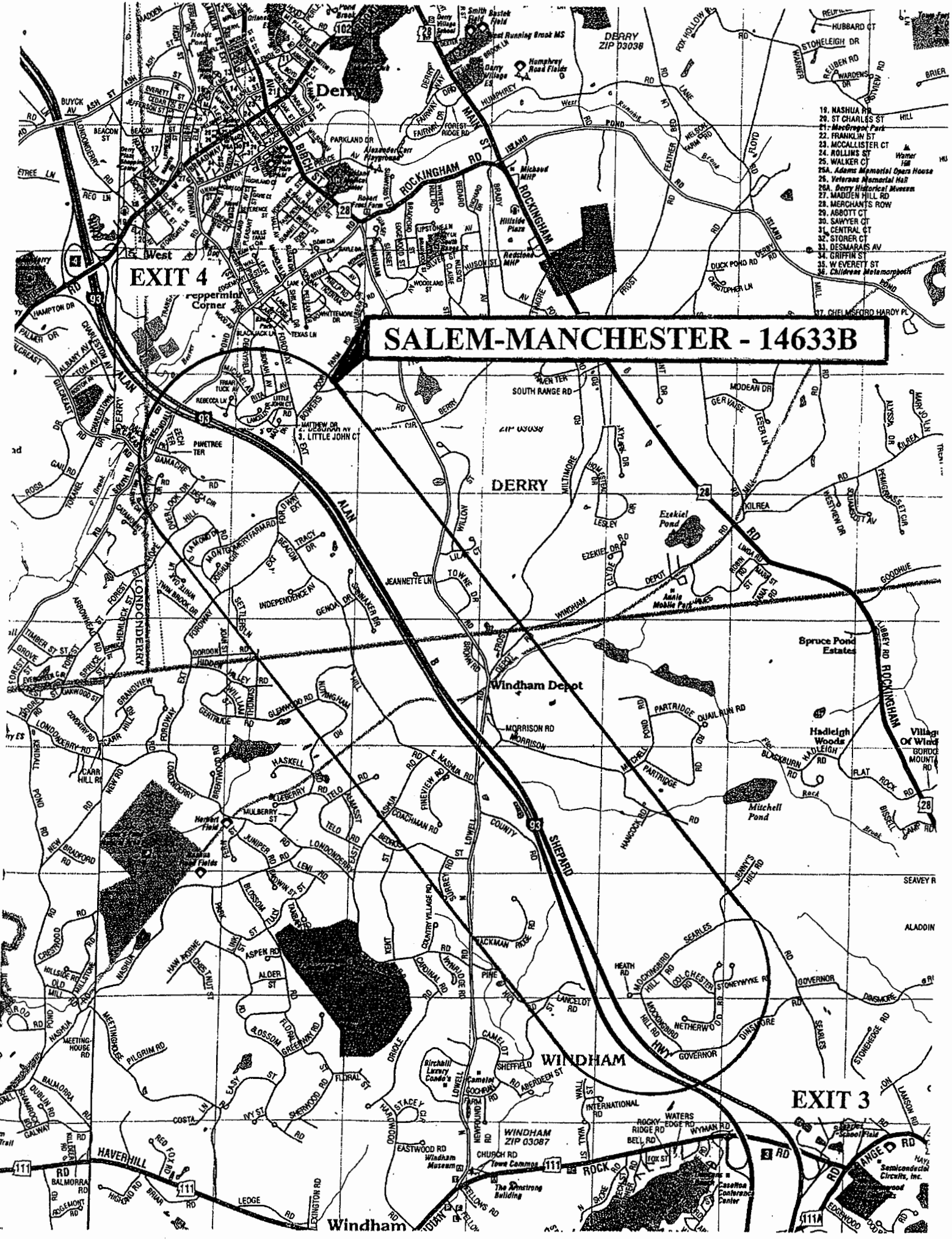
**PROJECT EXPLANATION:** These improvements are part of the overall I-93 expansion project, Salem-Manchester 10418C, and will improve safety and capacity along I-93 between the Exit 3 and Exit 4 interchanges. (This is the first of four projects required to complete the I-93 northern section infrastructure improvements.

**TRAFFIC IMPLICATION:** Work involved with the I-93 NB and SB mainline is generally on-line, using phased construction techniques. I-93 traffic will initially remain on the existing NB and SB mainline facilities until such time as additional roadway lanes are completed along the NB barrel (phased construction). The SB traffic will then be shifted to the NB facility (borrow-a-barrel concept) where both NB and SB traffic will utilize the newly constructed NB roadway. Emergency pull-off areas will be included, at approximate one-half mile intervals (for both NB and SB traffic). This traffic pattern will remain in place while the SB barrel is being reconstructed (limited to one winter season). Two travel lanes on I-93 (NB and SB) will be maintained at all times. Rolling roadblocks will be allowed on I-93 during non-peak hours, during certain work operations, using Uniformed Officers with Vehicles, with approval of the Contract Administrator. Nighttime lane closures will also be allowed on I-93 for certain construction activities, as approved, and as specified in the TCP. Alternating one-way traffic will be allowed on North Lowell Road, and Fordway Extension, as directed by the Contract Administrator, with the use of flaggers and/or Uniformed Officers. Smart Work Zones are in place along the corridor, to include the proposed work area for this project. A Tow Vehicle will also be utilized (on-site; contract item) during initial phased construction, where less than 8 ft. breakdown shoulder widths are not available.

### INTERIM COMPLETION DATES:

- May 31, 2016 (complete building demolition at 70 Range Road, A/K/A NH Route 111A Windham, NH)
- October 28, 2016 (northbound I-93 mainline traffic shall be relocated to the newly constructed western-most lanes)
- October 27, 2017 (borrow-a-barrel phase of the I-93 mainline construction shall be implemented)
- October 26, 2018 (southbound I-93 mainline traffic shall be relocated to the newly reconstructed southbound barrel)

**FINAL COMPLETION DATE:** October 25, 2019.



# SALEM-MANCHESTER - 14633B

- 19. NASHUA RD
- 20. ST CHARLES ST
- 21. Meadowcroft Park
- 22. FRANKLIN ST
- 23. MCCALLISTER CT
- 24. ROLLINS ST
- 25. WALKER CT
- 26. Veterans Memorial Opera House
- 27A. Derry Historical Museum
- 27. WADSWORTH HILL RD
- 28. MERCHANTS ROW
- 29. ABBOTT CT
- 30. SAWYER CT
- 31. CENTRAL CT
- 32. STORER CT
- 33. DESMARAIS AV
- 34. GRIFFIN ST
- 35. W EVERETT ST
- 36. Childrens Metropolitan
- 37. CHILMERSBRO HARVY PL

EXIT 4

EXIT 3

DERRY

Windham Depot

WINDHAM

Windham

WINDHAM ZIP 03087

DERRY ZIP 03038

WINDHAM ZIP 03087

WINDHAM ZIP 03087



**State of New Hampshire  
Department of Transportation**

14633B.01

**Project:** SALEM TO MANCHESTER  
A004(115) 14633B

**County and Code:** ROCKINGHAM COUNTY 015

**Date Bids Open:** December 17, 2015

**Scope of Work:** ROADWAY RECONSTRUCTION

**Location:** I-93 MAINLINE (NB AND SB) IN THE VICINITY OF THE  
WEIGHT STATIONS IN WINDHAM AND ENDING NEAR  
THE KENDALL POND ROAD CROSSING IN DERRY

**Completion Date:** October 25, 2019

A R. S. AUDLEY, INC.  
609 ROUTE 3A, BOW, NH 03304 \$49,419,914.55

B ALVIN J COLEMAN & SON INC (B001)  
9 NH RTE 113 CONWAY, NH 03818-9505 \$49,789,383.39

C WEAVER BROS. CONST. CO., INC.  
PO BOX 1326 CONCORD, NH 03302 \$54,482,164.58

D MIDDLESEX CORPORATION  
ONE SPECTACLE POND ROAD, LITTLETON, MA 01460 \$58,377,000.63

Item No:	Description	A			B			C		
		Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	
201.01	CLEARING (F)	A	0.09	\$2,000.00	\$180.00	\$31,750.00	\$2,857.50	\$4,350.00	\$391.50	
201.1	CLEARING AND GRUBBING (F)	A	35.83	\$4,400.00	\$157,652.00	\$5,560.00	\$199,214.80	\$4,750.00	\$170,192.50	
201.6	CLEARING FOR FENCE LINES (F)	A	1.63	\$5,000.00	\$8,150.00	\$2,900.00	\$4,727.00	\$6,750.00	\$11,002.50	
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	43,700.00	\$0.80	\$34,960.00	\$0.83	\$36,271.00	\$0.25	\$10,925.00	
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	25,500.00	\$0.80	\$20,400.00	\$0.93	\$23,715.00	\$1.00	\$25,500.00	
202.201	DEMOLISHING BUILDINGS	U	1.00	\$15,000.00	\$15,000.00	\$16,700.00	\$16,700.00	\$16,700.00	\$16,700.00	
202.301	BUILDING ASBESTOS ABATEMENT	U	1.00	\$5,000.00	\$5,000.00	\$6,730.00	\$6,730.00	\$6,300.00	\$6,300.00	
202.31	FILL ABANDONED PIPE	CY	470.00	\$210.00	\$98,700.00	\$185.00	\$86,950.00	\$295.00	\$138,650.00	
202.32	FILL AND ABANDON STRUCTURE	CY	190.00	\$155.00	\$29,450.00	\$314.00	\$59,660.00	\$135.00	\$25,650.00	
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	1,450.00	\$10.50	\$15,225.00	\$14.50	\$21,025.00	\$7.50	\$10,875.00	
202.5	REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES	EA	20.00	\$325.00	\$6,500.00	\$581.00	\$11,620.00	\$150.00	\$3,000.00	
202.6	CURB REMOVAL FOR STORAGE	LF	1,905.00	\$4.50	\$8,572.50	\$3.20	\$6,096.00	\$4.50	\$8,572.50	
202.7	REMOVAL OF GUARDRAIL	LF	33,050.00	\$1.50	\$49,575.00	\$1.05	\$34,702.50	\$1.20	\$39,660.00	
202.8	REMOVAL OF FENCE	LF	625.00	\$8.00	\$5,000.00	\$4.15	\$2,593.75	\$4.10	\$2,562.50	
203.1	COMMON EXCAVATION	CY	334,100.00	\$4.00	\$1,336,400.00	\$4.35	\$1,453,335.00	\$5.85	\$1,954,485.00	
203.2	ROCK EXCAVATION	CY	341,593.60	\$10.00	\$3,415,936.00	\$12.10	\$4,133,282.56	\$12.80	\$4,372,398.08	
203.4	MUCK EXCAVATION	CY	53,600.00	\$10.00	\$536,000.00	\$7.05	\$377,880.00	\$10.00	\$536,000.00	
203.53	LOW PERMEABILITY FILL (F)	CY	11,108.00	\$10.00	\$111,080.00	\$15.00	\$166,620.00	\$12.25	\$136,073.00	
203.5525	PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	2.00	\$800.00	\$1,600.00	\$1,125.00	\$2,250.00	\$675.00	\$1,350.00	
203.55543	GUARDRAIL EAGRT OFFSET PLATFORM, TL 3	U	17.00	\$1,000.00	\$17,000.00	\$688.00	\$11,696.00	\$950.00	\$16,150.00	
203.55549	TEMPORARY GUARDRAIL 50' EAGRT PLATFORM	U	7.00	\$1,000.00	\$7,000.00	\$1,180.00	\$8,260.00	\$1,335.00	\$9,345.00	
203.6	EMBANKMENT-IN-PLACE (F)	CY	357,232.00	\$4.00	\$1,428,928.00	\$3.45	\$1,232,450.40	\$5.00	\$1,786,160.00	

Item No:	Description	A			B			C		
		Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	
203.62	EMBANKMENT-IN-PLACE, REPLACEMENT MATERIAL	CY	4,800.00	\$1.00	\$4,800.00	\$7.50	\$36,000.00	\$6.00	\$28,800.00	
203.662	ROCK AND GRAVEL BACKFILL FOR MUCK AND UNSUITABLE MATERIAL EXCAVATION	CY	54,000.00	\$5.50	\$297,000.00	\$14.00	\$756,000.00	\$8.15	\$440,100.00	
203.81	PRESPLITTING HOLES	LF	23,800.00	\$5.00	\$119,000.00	\$5.45	\$129,710.00	\$9.45	\$224,910.00	
203.82	EXTRA DRILLED HOLES WITHOUT EXPLOSIVES	LF	4,760.00	\$2.50	\$11,900.00	\$2.80	\$13,328.00	\$1.05	\$4,998.00	
203.91	ROCK SCALING - HAND METHOD	HR	150.00	\$153.00	\$22,950.00	\$259.00	\$38,850.00	\$155.00	\$23,250.00	
203.92	ROCK SCALING - MACHINE METHOD	HR	30.00	\$165.00	\$4,950.00	\$561.00	\$16,830.00	\$450.00	\$13,500.00	
203.93	HYDROGEOLOGIST	U	1.00	\$20,000.00	\$20,000.00	\$24,850.00	\$24,850.00	\$18,450.00	\$18,450.00	
203.94	BASELINE WATER SAMPLING	EA	630.00	\$165.00	\$103,950.00	\$181.00	\$114,030.00	\$120.45	\$75,883.50	
203.95	EXTENDED WATER SAMPLING	EA	45.00	\$700.00	\$31,500.00	\$776.00	\$34,920.00	\$675.00	\$30,375.00	
206.1	COMMON STRUCTURE EXCAVATION	CY	1,600.00	\$13.00	\$20,800.00	\$11.10	\$17,760.00	\$17.95	\$28,720.00	
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	100.00	\$125.00	\$12,500.00	\$46.70	\$4,670.00	\$80.00	\$8,000.00	
206.2	ROCK STRUCTURE EXCAVATION	CY	14,000.00	\$49.00	\$686,000.00	\$45.10	\$631,400.00	\$46.00	\$644,000.00	
206.41	OBSTRUCTION REMOVAL FOR PIPE JACKING	LF	100.00	\$30.00	\$3,000.00	\$143.00	\$14,300.00	\$800.00	\$80,000.00	
209.1	GRANULAR BACKFILL	CY	2,400.00	\$25.00	\$60,000.00	\$21.10	\$50,640.00	\$26.00	\$62,400.00	
209.201	GRANULAR BACKFILL (BRIDGE) (F)	CY	5,932.00	\$23.00	\$136,436.00	\$21.10	\$125,165.20	\$36.50	\$216,518.00	
214	FINE GRADING	U	1.00	\$677,000.00	\$677,000.00	\$266,400.00	\$266,400.00	\$450,000.00	\$450,000.00	
214.3	FINE GRADING EARTH BERMS IN ROCKCUTS	LF	2,600.00	\$9.00	\$23,400.00	\$7.45	\$19,370.00	\$8.05	\$20,930.00	
221.31	MOBILIZATION AND DEMOBILIZATION OF AGGREGATE PIER TREATMENT	U	1.00	\$75,000.00	\$75,000.00	\$34,150.00	\$34,150.00	\$34,650.00	\$34,650.00	

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
221.32	AGGREGATE PIER TREATMENT	SY	354.00	\$130.00	\$46,020.00	\$247.00	\$87,438.00	\$172.00	\$60,888.00
224.1	HORIZONTAL DRAINS IN ROCK	LF	8,500.00	\$3.00	\$25,500.00	\$3.60	\$30,600.00	\$3.75	\$31,875.00
225.2	PRESTRESSED ROCK BOLTS	LF	750.00	\$160.00	\$120,000.00	\$171.00	\$128,250.00	\$50.00	\$37,500.00
225.3	ROCK DOWELS	LF	750.00	\$132.00	\$99,000.00	\$155.00	\$116,250.00	\$50.00	\$37,500.00
304.1	SAND (F)	CY	82,291.00	\$15.00	\$1,234,365.00	\$14.50	\$1,193,219.50	\$16.50	\$1,357,801.50
304.11	SAND FOR SHIMMING	CY	380.00	\$15.00	\$5,700.00	\$21.40	\$8,132.00	\$26.00	\$9,880.00
304.4	CRUSHED STONE (FINE GRADATION) (F)	CY	61,565.00	\$15.00	\$923,475.00	\$14.60	\$898,849.00	\$18.00	\$1,108,170.00
304.41	CRUSHED STONE (FINE GRADATION) FOR SHIM	CY	4,950.00	\$21.00	\$103,950.00	\$16.80	\$83,160.00	\$18.30	\$90,585.00
304.5	CRUSHED STONE (COARSE GRADATION) (F)	CY	26,281.00	\$15.00	\$394,215.00	\$14.60	\$383,702.60	\$17.00	\$446,777.00
304.754	4" STONE DUST WEARING SURFACE FOR TRAILS	CY	190.00	\$25.00	\$4,750.00	\$42.10	\$7,999.00	\$36.35	\$6,906.50
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	4,610.00	\$55.00	\$253,550.00	\$59.00	\$271,990.00	\$57.00	\$262,770.00
403.11001	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 1)	TON	122,800.00	\$49.00	\$6,017,200.00	\$53.30	\$6,545,240.00	\$52.00	\$6,385,600.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	120.00	\$105.00	\$12,600.00	\$109.00	\$13,080.00	\$105.00	\$12,600.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	126,751.20	\$1.00	\$126,751.20	\$1.05	\$133,088.76	\$1.05	\$133,088.76
403.6	PAVEMENT JOINT ADHESIVE	LF	272,500.00	\$0.21	\$57,225.00	\$0.24	\$65,400.00	\$0.37	\$100,825.00
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	189.00	\$150.00	\$28,350.00	\$155.00	\$29,295.00	\$135.00	\$25,515.00
403.99	TEMPORARY BITUMINOUS PAVEMENT	TON	19,500.00	\$60.00	\$1,170,000.00	\$56.10	\$1,093,950.00	\$60.15	\$1,172,925.00
415.8	GLASS FIBER PAVEMENT REINFORCEMENT MESH	SY	1,700.00	\$8.50	\$14,450.00	\$9.85	\$16,745.00	\$21.60	\$36,720.00

Item No:	Description	A			B			C		
		Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	
417	COLD PLANING BITUMINOUS SURFACES	SY	52,800.00	\$1.25	\$66,000.00	\$1.55	\$81,840.00	\$2.30	\$121,440.00	
417.416	RUMBLE STRIPS, 16" WIDE	LF	85,300.00	\$0.18	\$15,354.00	\$0.23	\$19,619.00	\$0.37	\$31,561.00	
502.101	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$100,000.00	\$100,000.00	\$161,300.00	\$161,300.00	\$250,000.00	\$250,000.00	
502.102	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$125,000.00	\$125,000.00	\$164,100.00	\$164,100.00	\$190,500.00	\$190,500.00	
502.103	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$80,000.00	\$80,000.00	\$82,750.00	\$82,750.00	\$67,500.00	\$67,500.00	
502.104	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$85,000.00	\$85,000.00	\$83,250.00	\$83,250.00	\$88,000.00	\$88,000.00	
503.101	WATER DIVERSION STRUCTURE	U	1.00	\$2,000.00	\$2,000.00	\$3,005.00	\$3,005.00	\$15,000.00	\$15,000.00	
503.102	WATER DIVERSION STRUCTURE	U	1.00	\$3,000.00	\$3,000.00	\$3,005.00	\$3,005.00	\$3,100.00	\$3,100.00	
503.103	WATER DIVERSION STRUCTURE	U	1.00	\$2,000.00	\$2,000.00	\$3,005.00	\$3,005.00	\$5,200.00	\$5,200.00	
503.104	WATER DIVERSION STRUCTURE	U	1.00	\$2,000.00	\$2,000.00	\$3,005.00	\$3,005.00	\$3,800.00	\$3,800.00	
503.105	WATER DIVERSION STRUCTURE	U	1.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	\$3,800.00	\$3,800.00	
503.106	WATER DIVERSION STRUCTURE	U	1.00	\$2,000.00	\$2,000.00	\$3,005.00	\$3,005.00	\$2,625.00	\$2,625.00	
503.107	WATER DIVERSION STRUCTURE	U	1.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	\$4,000.00	\$4,000.00	
503.108	WATER DIVERSION STRUCTURE	U	1.00	\$2,500.00	\$2,500.00	\$4,505.00	\$4,505.00	\$1,500.00	\$1,500.00	
503.109	WATER DIVERSION STRUCTURE	U	1.00	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	
503.110	WATER DIVERSION STRUCTURE	U	1.00	\$2,000.00	\$2,000.00	\$6,010.00	\$6,010.00	\$8,500.00	\$8,500.00	
503.111	WATER DIVERSION STRUCTURE	U	1.00	\$1,000.00	\$1,000.00	\$6,010.00	\$6,010.00	\$8,500.00	\$8,500.00	
503.112	WATER DIVERSION STRUCTURE	U	1.00	\$1,000.00	\$1,000.00	\$6,010.00	\$6,010.00	\$8,500.00	\$8,500.00	
503.113	WATER DIVERSION STRUCTURE	U	1.00	\$1,000.00	\$1,000.00	\$6,010.00	\$6,010.00	\$2,500.00	\$2,500.00	

Item No:	Description	A			B			C		
		Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	
503.114	WATER DIVERSION STRUCTURE	U	1.00	\$500.00	\$500.00	\$3,005.00	\$3,005.00	\$1,250.00	\$1,250.00	
503.115	WATER DIVERSION STRUCTURE	U	1.00	\$500.00	\$500.00	\$3,005.00	\$3,005.00	\$1,250.00	\$1,250.00	
503.116	WATER DIVERSION STRUCTURE	U	1.00	\$2,000.00	\$2,000.00	\$4,505.00	\$4,505.00	\$2,500.00	\$2,500.00	
503.117	WATER DIVERSION STRUCTURE	U	1.00	\$1,500.00	\$1,500.00	\$4,505.00	\$4,505.00	\$1,250.00	\$1,250.00	
503.118	WATER DIVERSION STRUCTURE	U	1.00	\$1,500.00	\$1,500.00	\$4,505.00	\$4,505.00	\$1,250.00	\$1,250.00	
503.201	COFFERDAMS	U	1.00	\$75,000.00	\$75,000.00	\$31,050.00	\$31,050.00	\$19,260.00	\$19,260.00	
503.202	COFFERDAMS	U	1.00	\$5,000.00	\$5,000.00	\$25,900.00	\$25,900.00	\$13,500.00	\$13,500.00	
503.203	COFFERDAMS	U	1.00	\$60,000.00	\$60,000.00	\$31,050.00	\$31,050.00	\$33,500.00	\$33,500.00	
503.204	COFFERDAMS	U	1.00	\$35,000.00	\$35,000.00	\$25,900.00	\$25,900.00	\$14,725.00	\$14,725.00	
503.205	COFFERDAMS	U	1.00	\$32,000.00	\$32,000.00	\$36,250.00	\$36,250.00	\$26,200.00	\$26,200.00	
503.206	COFFERDAMS	U	1.00	\$35,000.00	\$35,000.00	\$36,250.00	\$36,250.00	\$26,195.00	\$26,195.00	
503.207	COFFERDAMS	U	1.00	\$37,500.00	\$37,500.00	\$36,250.00	\$36,250.00	\$26,195.00	\$26,195.00	
503.208	COFFERDAMS	U	1.00	\$37,500.00	\$37,500.00	\$36,250.00	\$36,250.00	\$26,195.00	\$26,195.00	
503.209	COFFERDAMS	U	1.00	\$40,000.00	\$40,000.00	\$25,900.00	\$25,900.00	\$26,280.00	\$26,280.00	
503.210	COFFERDAMS	U	1.00	\$160,000.00	\$160,000.00	\$103,500.00	\$103,500.00	\$320,000.00	\$320,000.00	
503.301	COFFERDAMS WITH SHEETING LEFT-IN-PLACE	U	1.00	\$20,000.00	\$20,000.00	\$5,175.00	\$5,175.00	\$4,800.00	\$4,800.00	
503.302	COFFERDAMS WITH SHEETING LEFT-IN-PLACE	U	1.00	\$70,000.00	\$70,000.00	\$41,400.00	\$41,400.00	\$45,900.00	\$45,900.00	
503.303	COFFERDAMS WITH SHEETING LEFT-IN-PLACE	U	1.00	\$96,000.00	\$96,000.00	\$7,765.00	\$7,765.00	\$10,500.00	\$10,500.00	
503.304	COFFERDAMS WITH SHEETING LEFT-IN-PLACE	U	1.00	\$3,700.00	\$3,700.00	\$41,400.00	\$41,400.00	\$54,250.00	\$54,250.00	
504.1	COMMON BRIDGE EXCAVATION (F)	CY	11,256.00	\$12.00	\$135,072.00	\$9.20	\$103,555.20	\$12.00	\$135,072.00	
504.2	ROCK BRIDGE EXCAVATION	CY	278.00	\$100.00	\$27,800.00	\$41.80	\$11,620.40	\$80.00	\$22,240.00	
504.25	ROCK BRIDGE EXCAVATION MECHANICAL METHODS	CY	6.00	\$150.00	\$900.00	\$291.00	\$1,746.00	\$275.00	\$1,650.00	

Item No.	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
506.4	STEEL SHEET PILING FOR ENVIRONMENTAL PROTECTION	SY	3,350.00	\$81.00	\$271,350.00	\$56.90	\$190,615.00	\$86.10	\$288,435.00
508	STRUCTURAL FILL	CY	2,168.00	\$5.00	\$10,840.00	\$24.20	\$52,465.60	\$35.25	\$76,422.00
509.1	MOBILIZATION AND DEMOBILIZ. OF DRILLED SHAFT DRILLING EQUIPMENT	U	1.00	\$75,000.00	\$75,000.00	\$25,900.00	\$25,900.00	\$36,750.00	\$36,750.00
509.2	DRILLED SHAFT	LF	1,610.00	\$210.00	\$338,100.00	\$199.00	\$320,390.00	\$273.00	\$439,530.00
509.3	OBSTRUCTION REMOVAL	LF	41.00	\$500.00	\$20,500.00	\$906.00	\$37,146.00	\$155.00	\$6,355.00
509.4	ROCK SOCKET EXCAVATION	LF	120.00	\$750.00	\$90,000.00	\$906.00	\$108,720.00	\$965.00	\$115,800.00
510.1	PILE DRIVING EQUIPMENT	U	2.00	\$16,000.00	\$32,000.00	\$10,350.00	\$20,700.00	\$6,300.00	\$12,600.00
510.61	FURNISHING & DRIVING STEEL BEARING PILES	LB	15,900.00	\$0.56	\$8,904.00	\$0.62	\$9,858.00	\$0.46	\$7,314.00
510.65	DRIVING-POINTS FOR STEEL BEARING PILES	EA	9.00	\$250.00	\$2,250.00	\$207.00	\$1,863.00	\$110.25	\$992.25
511.02	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	148.00	\$640.00	\$94,720.00	\$259.00	\$38,332.00	\$420.00	\$62,160.00
511.03	PREPARATION FOR FULL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	148.00	\$800.00	\$118,400.00	\$518.00	\$76,664.00	\$708.75	\$104,895.00
520.0021	PRECAST CONCRETE BOX CULVERT (CONCRETE CLASS AAA) (BRIDGE)	U	1.00	\$400,000.00	\$400,000.00	\$604,200.00	\$604,200.00	\$500,000.00	\$500,000.00
520.01	CONCRETE CLASS AA	CY	58.00	\$2,400.00	\$139,200.00	\$1,240.00	\$71,920.00	\$2,310.00	\$133,980.00
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	34.00	\$1,500.00	\$51,000.00	\$621.00	\$21,114.00	\$1,050.00	\$35,700.00
520.0302	CONCRETE CLASS AA APPROACH SLABS (QC/QA) (F)	CY	234.00	\$350.00	\$81,900.00	\$362.00	\$84,708.00	\$488.25	\$114,250.50
520.1	CONCRETE CLASS A	CY	255.00	\$600.00	\$153,000.00	\$480.00	\$122,400.00	\$700.00	\$178,500.00
520.12	CONCRETE CLASS A, ABOVE FOOTINGS (F)	CY	1,145.00	\$700.00	\$801,500.00	\$673.00	\$770,585.00	\$703.50	\$805,507.50

Item No:	Description	A			B			C		
		Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	
520.211	CONCRETE CLASS B, FOOTINGS (ON ROCK)	CY	4.00	\$900.00	\$3,600.00	\$492.00	\$1,968.00	\$790.00	\$3,160.00	
520.213	CONCRETE CLASS B, FOOTINGS (ON SOIL) (F)	CY	625.00	\$280.00	\$175,000.00	\$440.00	\$275,000.00	\$472.50	\$295,312.50	
520.70026	CONCRETE BRIDGE DECK (QC/QA)(PANEL OPTION)(F)	CY	811.00	\$1,400.00	\$1,135,400.00	\$828.00	\$671,508.00	\$932.40	\$756,176.40	
528.1114	PRESTRESSED CONCRETE GIRDERS, NEBT 1400 (F)	LF	859.00	\$500.00	\$429,500.00	\$617.00	\$530,003.00	\$550.00	\$472,450.00	
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	169.00	\$65.00	\$10,985.00	\$82.80	\$13,993.20	\$80.00	\$13,520.00	
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	491.00	\$50.00	\$24,550.00	\$49.70	\$24,402.70	\$30.00	\$14,730.00	
538.5	BARRIER MEMBRANE, HEAT WELDED (F)	SY	486.00	\$42.50	\$20,655.00	\$48.90	\$23,765.40	\$50.55	\$24,567.30	
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	3,592.00	\$21.00	\$75,432.00	\$23.80	\$85,489.60	\$25.25	\$90,698.00	
541.1	PVC WATERSTOPS, NH TYPE 1 (F)	LF	85.00	\$5.00	\$425.00	\$8.30	\$705.50	\$10.50	\$892.50	
541.3	PVC WATERSTOPS, NH TYPE 3 (F)	LF	86.00	\$6.00	\$516.00	\$8.30	\$713.80	\$10.50	\$903.00	
541.4	PVC WATERSTOPS, NH TYPE 4 (F)	LF	103.00	\$9.00	\$927.00	\$10.40	\$1,071.20	\$10.50	\$1,081.50	
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	777.00	\$8.00	\$6,216.00	\$10.90	\$8,469.30	\$7.35	\$5,710.95	
544	REINFORCING STEEL (F)	LB	111,608.00	\$1.40	\$156,251.20	\$0.99	\$110,491.92	\$1.10	\$122,768.80	
544.1	REINFORCING STEEL (ROADWAY)	LB	14,000.00	\$1.15	\$16,100.00	\$1.80	\$25,200.00	\$1.25	\$17,500.00	
544.11	REINFORCING STEEL-MECHANICAL CONNECTORS (F)	LB	9.00	\$10.00	\$90.00	\$5.15	\$46.35	\$9.45	\$85.05	
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	302,808.00	\$1.15	\$348,229.20	\$1.15	\$348,229.20	\$1.22	\$369,425.76	



Item No:	Description	A			B			C		
		Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	
544.21	REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F)	LB	4,059.00	\$3.00	\$12,177.00	\$3.35	\$13,597.65	\$2.90	\$11,771.10	
544.7	SYNTHETIC FIBER REINFORCEMENT (F)	LB	1,638.00	\$6.00	\$9,828.00	\$8.80	\$14,414.40	\$9.15	\$14,987.70	
547.1	SHEAR CONNECTORS (F)	EA	2,208.00	\$5.50	\$12,144.00	\$4.40	\$9,715.20	\$6.68	\$14,749.44	
548.21	ELASTOMERIC BEARING ASSEMBLIES (F)	EA	18.00	\$370.00	\$6,660.00	\$850.00	\$15,300.00	\$485.00	\$8,730.00	
550.1	STRUCTURAL STEEL (F)	LB	65,406.00	\$2.50	\$163,515.00	\$2.55	\$166,785.30	\$2.26	\$147,817.56	
550.2	BRIDGE SHOES (F)	EA	16.00	\$4,000.00	\$64,000.00	\$4,260.00	\$68,160.00	\$5,145.00	\$82,320.00	
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	205.00	\$80.00	\$16,400.00	\$134.00	\$27,470.00	\$141.75	\$29,058.75	
560.1001	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	166.00	\$500.00	\$83,000.00	\$771.00	\$127,986.00	\$484.05	\$80,352.30	
561.1201	PREFABRICATED STRIP SEAL EXPANSION JOINT W/ FLOW PLATES (F)	LF	110.00	\$800.00	\$88,000.00	\$1,075.00	\$118,250.00	\$940.00	\$103,400.00	
561.1202	PREFABRICATED STRIP SEAL EXPANSION JOINT W/ FLOW PLATES (F)	LF	285.00	\$800.00	\$228,000.00	\$1,075.00	\$306,375.00	\$890.00	\$253,650.00	
562.1	SILICONE JOINT SEALANT (F)	LF	291.00	\$10.00	\$2,910.00	\$10.40	\$3,026.40	\$21.00	\$6,111.00	
563.23	BRIDGE RAIL T3	LF	773.00	\$145.00	\$112,085.00	\$152.00	\$117,496.00	\$142.80	\$110,384.40	
563.233	BRIDGE RAIL T3 WITH SNOW SCREENING	LF	279.00	\$177.00	\$49,383.00	\$186.00	\$51,894.00	\$191.10	\$53,316.90	
563.913	SNOW SCREENING FOR OVERPASS STRUCTURES ST RAIL	LF	235.00	\$45.00	\$10,575.00	\$24.20	\$5,687.00	\$44.10	\$10,363.50	
564.61	BOX CULVERT PEDESTRIAN LIGHTING SYSTEM	U	1.00	\$17,000.00	\$17,000.00	\$19,450.00	\$19,450.00	\$52,500.00	\$52,500.00	
565.232	BRIDGE APPROACH RAIL T3 (STEEL POSTS)	U	12.00	\$5,500.00	\$66,000.00	\$5,640.00	\$67,680.00	\$5,670.00	\$68,040.00	
565.81	REHABILITATION OF BRIDGE APPROACH RAIL	U	4.00	\$3,000.00	\$12,000.00	\$5,175.00	\$20,700.00	\$4,700.00	\$18,800.00	

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
582.1	SLOPE PAVING WITH CONCRETE (F)	SY	257.00	\$45.00	\$11,565.00	\$46.60	\$11,976.20	\$52.50	\$13,492.50
585.2	STONE FILL, CLASS B	CY	8,500.00	\$14.00	\$119,000.00	\$21.50	\$182,750.00	\$17.00	\$144,500.00
585.3	STONE FILL, CLASS C	CY	3,200.00	\$20.00	\$64,000.00	\$20.80	\$66,560.00	\$23.00	\$73,600.00
585.5	STONE FILL, CLASS E	CY	380.00	\$38.00	\$14,440.00	\$27.20	\$10,336.00	\$30.00	\$11,400.00
585.7	STONE FILL, CLASS G	CY	65.00	\$38.00	\$2,470.00	\$33.20	\$2,158.00	\$40.70	\$2,645.50
593.221	GEOTEXTILE; SEPARATION CL.2, NON-WOVEN	SY	74,800.00	\$1.50	\$112,200.00	\$1.85	\$138,380.00	\$2.00	\$149,600.00
593.411	GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN	SY	13,500.00	\$2.00	\$27,000.00	\$1.85	\$24,975.00	\$2.00	\$27,000.00
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	7,004.50	\$2.00	\$14,009.00	\$1.85	\$12,958.33	\$2.00	\$14,009.00
594.2	WOOD PANEL SOUND ABATEMENT WALL	SF	37,231.00	\$19.00	\$707,389.00	\$20.30	\$755,789.30	\$22.35	\$832,112.85
603.0001	VIDEO INSPECTION	LF	35,227.20	\$1.00	\$35,227.20	\$0.79	\$27,829.49	\$1.10	\$38,749.92
603.00212	12" R.C. PIPE, 2000D	LF	481.70	\$50.00	\$24,085.00	\$61.50	\$29,624.55	\$50.00	\$24,085.00
603.00215	15" R.C. PIPE, 2000D	LF	1,300.00	\$45.00	\$58,500.00	\$63.80	\$82,940.00	\$55.15	\$71,695.00
603.00218	18" R.C. PIPE, 2000D	LF	425.00	\$52.00	\$22,100.00	\$73.50	\$31,237.50	\$58.50	\$24,862.50
603.00224	24" R.C. PIPE, 2000D	LF	1,150.00	\$61.00	\$70,150.00	\$92.60	\$106,490.00	\$81.50	\$93,725.00
603.00230	30" R.C. PIPE, 2000D	LF	115.00	\$75.00	\$8,625.00	\$114.00	\$13,110.00	\$165.00	\$18,975.00
603.00236	36" R.C. PIPE, 2000D	LF	245.00	\$125.00	\$30,625.00	\$128.00	\$31,360.00	\$105.00	\$25,725.00
603.00260	60" R.C. PIPE, 2000D	LF	90.00	\$230.00	\$20,700.00	\$303.00	\$27,270.00	\$310.00	\$27,900.00
603.00324	24" R.C. PIPE, 3000D	LF	195.00	\$85.00	\$16,575.00	\$95.60	\$18,642.00	\$177.00	\$34,515.00
603.00330	30" R.C. PIPE, 3000D	LF	310.00	\$100.00	\$31,000.00	\$119.00	\$36,890.00	\$131.25	\$40,687.50
603.00348	48" R.C. PIPE, 3000D	LF	185.00	\$150.00	\$27,750.00	\$179.00	\$33,115.00	\$210.00	\$38,850.00
603.30112	12" R.C. END SECTIONS	EA	2.00	\$500.00	\$1,000.00	\$712.00	\$1,424.00	\$655.00	\$1,310.00
603.30115	15" R.C. END SECTIONS	EA	1.00	\$550.00	\$550.00	\$805.00	\$805.00	\$700.00	\$700.00
603.30118	18" R.C. END SECTIONS	EA	4.00	\$650.00	\$2,600.00	\$867.00	\$3,468.00	\$850.00	\$3,400.00
603.30124	24" R.C. END SECTIONS	EA	2.00	\$750.00	\$1,500.00	\$969.00	\$1,938.00	\$1,430.00	\$2,860.00
603.36112	12" ALUMINIZED STEEL END SECTION	EA	5.00	\$275.00	\$1,375.00	\$205.00	\$1,025.00	\$155.00	\$775.00

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
603.36115	15" ALUMINIZED STEEL END SECTION	EA	7.00	\$300.00	\$2,100.00	\$234.00	\$1,638.00	\$190.00	\$1,330.00
603.36118	18" ALUMINIZED STEEL END SECTION	EA	4.00	\$350.00	\$1,400.00	\$274.00	\$1,096.00	\$265.00	\$1,060.00
603.36124	24" ALUMINIZED STEEL END SECTION	EA	5.00	\$425.00	\$2,125.00	\$360.00	\$1,800.00	\$370.00	\$1,850.00
603.36130	30" ALUMINIZED STEEL END SECTION	EA	5.00	\$650.00	\$3,250.00	\$583.00	\$2,915.00	\$680.00	\$3,400.00
603.36136	36" ALUMINIZED STEEL END SECTION	EA	2.00	\$900.00	\$1,800.00	\$873.00	\$1,746.00	\$1,025.00	\$2,050.00
603.36142	42" ALUMINIZED STEEL END SECTION	EA	1.00	\$1,500.00	\$1,500.00	\$1,510.00	\$1,510.00	\$1,950.00	\$1,950.00
603.44012	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	285.00	\$55.00	\$15,675.00	\$29.10	\$8,293.50	\$28.50	\$8,122.50
603.44015	15" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	75.00	\$57.00	\$4,275.00	\$32.50	\$2,437.50	\$41.00	\$3,075.00
603.71524	24 INCH COMBINED JACKED AND CONVENTIONAL TRENCH PIPE INSTALLATION	U	1.00	\$550,000.00	\$550,000.00	\$687,000.00	\$687,000.00	\$540,000.00	\$540,000.00
603.82212	12" PE PIPE (TYPE S)	LF	1,050.00	\$43.00	\$45,150.00	\$29.20	\$30,660.00	\$32.90	\$34,545.00
603.82215	15" PE PIPE (TYPE S)	LF	18,850.00	\$44.00	\$829,400.00	\$31.30	\$590,005.00	\$27.60	\$520,260.00
603.82218	18" PE PIPE (TYPE S)	LF	4,700.00	\$46.00	\$216,200.00	\$34.50	\$162,150.00	\$31.00	\$145,700.00
603.82224	24" PE PIPE (TYPE S)	LF	5,750.00	\$54.00	\$310,500.00	\$45.40	\$261,050.00	\$39.50	\$227,125.00
603.82230	30" PE PIPE (TYPE S)	LF	365.00	\$75.00	\$27,375.00	\$57.20	\$20,878.00	\$60.60	\$22,119.00
603.82236	36" PE PIPE (TYPE S)	LF	510.00	\$95.00	\$48,450.00	\$70.90	\$36,159.00	\$72.25	\$36,847.50
603.99012	12" TEMPORARY DRAIN. PIPE	LF	400.00	\$70.00	\$28,000.00	\$38.70	\$15,480.00	\$40.00	\$16,000.00
604.0007	POLYETHYLENE LINER	EA	147.00	\$240.00	\$35,280.00	\$178.00	\$26,166.00	\$145.00	\$21,315.00
604.12	CATCH BASINS TYPE B, 4-FOOT DIAMETER	U	116.00	\$2,100.00	\$243,600.00	\$2,010.00	\$233,160.00	\$1,950.00	\$226,200.00
604.125	CATCH BASINS TYPE B, 5-FOOT DIAMETER	U	21.00	\$3,000.00	\$63,000.00	\$2,235.00	\$46,935.00	\$2,450.00	\$51,450.00

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
604.126	CATCH BASINS TYPE B, 6-FOOT DIAMETER	U	10.00	\$3,250.00	\$32,500.00	\$3,050.00	\$30,500.00	\$2,950.00	\$29,500.00
604.128	CATCH BASINS TYPE B, 8-FOOT DIAMETER	U	5.00	\$6,500.00	\$32,500.00	\$5,555.00	\$27,775.00	\$5,850.00	\$29,250.00
604.15	CATCH BASINS TYPE E, 4-FOOT DIAMETER	U	33.00	\$2,400.00	\$79,200.00	\$2,175.00	\$71,775.00	\$2,050.00	\$67,650.00
604.155	CATCH BASINS TYPE E, 5-FOOT DIAMETER	U	3.00	\$3,200.00	\$9,600.00	\$2,485.00	\$7,455.00	\$2,710.00	\$8,130.00
604.156	CATCH BASINS TYPE E, 6-FOOT DIAMETER	U	4.00	\$3,500.00	\$14,000.00	\$3,300.00	\$13,200.00	\$3,200.00	\$12,800.00
604.158	CATCH BASINS TYPE E, 8-FOOT DIAMETER	U	3.00	\$6,800.00	\$20,400.00	\$5,805.00	\$17,415.00	\$6,100.00	\$18,300.00
604.16	CATCH BASINS TYPE F, 4-FOOT DIAMETER	U	15.00	\$2,100.00	\$31,500.00	\$2,025.00	\$30,375.00	\$1,975.00	\$29,625.00
604.165	CATCH BASINS TYPE F, 5-FOOT DIAMETER	U	6.00	\$3,000.00	\$18,000.00	\$2,335.00	\$14,010.00	\$2,500.00	\$15,000.00
604.166	CATCH BASINS TYPE F, 6-FOOT DIAMETER	U	5.00	\$3,250.00	\$16,250.00	\$3,150.00	\$15,750.00	\$3,050.00	\$15,250.00
604.22	DROP INLETS TYPE B	U	46.00	\$1,800.00	\$82,800.00	\$1,615.00	\$74,290.00	\$1,350.00	\$62,100.00
604.229	TEMPORARY DROP INLET, TYPE B	U	1.00	\$2,100.00	\$2,100.00	\$3,510.00	\$3,510.00	\$2,150.00	\$2,150.00
604.26	DROP INLETS TYPE F	U	9.00	\$1,900.00	\$17,100.00	\$1,715.00	\$15,435.00	\$1,600.00	\$14,400.00
604.32	DRAINAGE MANHOLES	U	14.00	\$2,200.00	\$30,800.00	\$2,040.00	\$28,560.00	\$1,915.00	\$26,810.00
604.325	DRAINAGE MANHOLES, 5-FOOT DIAMETER	U	11.00	\$3,000.00	\$33,000.00	\$2,300.00	\$25,300.00	\$2,680.00	\$29,480.00
604.328	DRAINAGE MANHOLES, 8-FOOT DIAMETER	U	3.00	\$6,500.00	\$19,500.00	\$5,595.00	\$16,785.00	\$5,560.00	\$16,680.00
604.4	RECONSTRUCTING/ADJUST ING CATCH BASIN & DROP INLET	LF	51.00	\$360.00	\$18,360.00	\$367.00	\$18,717.00	\$350.00	\$17,850.00
604.5	RECONSTRUCTING/ADJUST ING MANHOLES	LF	20.00	\$360.00	\$7,200.00	\$367.00	\$7,340.00	\$350.00	\$7,000.00
604.6	MANHOLE COVERS & FRAMES	EA	1.00	\$675.00	\$675.00	\$501.00	\$501.00	\$625.00	\$625.00
604.9101	OUTLET CONTROL STRUCTURE	U	1.00	\$4,700.00	\$4,700.00	\$2,815.00	\$2,815.00	\$4,000.00	\$4,000.00

Item No:	Description	Unit	A			B			C		
			Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total		
604.9102	OUTLET CONTROL STRUCTURE	U	1.00	\$4,800.00	\$4,800.00	\$2,815.00	\$2,815.00	\$4,015.00	\$4,015.00		
604.9103	OUTLET CONTROL STRUCTURE	U	1.00	\$5,500.00	\$5,500.00	\$2,770.00	\$2,770.00	\$4,250.00	\$4,250.00		
604.9104	OUTLET CONTROL STRUCTURE	U	1.00	\$5,000.00	\$5,000.00	\$2,815.00	\$2,815.00	\$4,075.00	\$4,075.00		
604.9105	OUTLET CONTROL STRUCTURE	U	1.00	\$4,500.00	\$4,500.00	\$2,815.00	\$2,815.00	\$3,890.00	\$3,890.00		
604.9106	OUTLET CONTROL STRUCTURE	U	1.00	\$3,800.00	\$3,800.00	\$2,815.00	\$2,815.00	\$3,690.00	\$3,690.00		
604.9107	OUTLET CONTROL STRUCTURE	U	1.00	\$5,000.00	\$5,000.00	\$2,815.00	\$2,815.00	\$4,115.00	\$4,115.00		
604.9108	OUTLET CONTROL STRUCTURE	U	1.00	\$4,500.00	\$4,500.00	\$2,815.00	\$2,815.00	\$4,075.00	\$4,075.00		
604.921	LEACHING CHAMBER TYPE 1	U	7.00	\$1,600.00	\$11,200.00	\$2,255.00	\$15,785.00	\$1,850.00	\$12,950.00		
604.922	LEACHING CHAMBER TYPE 2	U	6.00	\$1,600.00	\$9,600.00	\$2,255.00	\$13,530.00	\$1,985.00	\$11,910.00		
605.506	6" PERF. CORR. POLYETHYLENE PIPE UNDERDRAIN	LF	33,650.00	\$16.00	\$538,400.00	\$18.30	\$615,795.00	\$18.00	\$605,700.00		
605.508	8" PERF. CORR. POLYETHYLENE PIPE UNDERDRAIN	LF	5,500.00	\$22.00	\$121,000.00	\$19.30	\$106,150.00	\$20.00	\$110,000.00		
605.512	12" PERF. CORR. POLYETHYLENE PIPE UNDERDRAIN	LF	275.00	\$35.00	\$9,625.00	\$25.00	\$6,875.00	\$34.35	\$9,446.25		
605.79	UNDERDRAIN FLUSHING BASINS	EA	101.00	\$270.00	\$27,270.00	\$353.00	\$35,653.00	\$300.00	\$30,300.00		
605.82251	24" AGGRE. UND. TYPE 2 WITH 6" P.C. POLY. PIPE	LF	17,990.00	\$25.00	\$449,750.00	\$23.70	\$426,363.00	\$21.60	\$388,584.00		
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	17.00	\$1,800.00	\$30,600.00	\$1,940.00	\$32,980.00	\$1,970.00	\$33,490.00		
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	20.00	\$485.00	\$9,700.00	\$502.00	\$10,040.00	\$510.00	\$10,200.00		

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	26,800.00	\$15.00	\$402,000.00	\$15.40	\$412,720.00	\$15.60	\$418,080.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	8,630.00	\$20.00	\$172,600.00	\$26.10	\$225,243.00	\$20.00	\$172,600.00
606.41731	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL WITH DRAINAGE SLOTS	LF	26,290.00	\$23.00	\$604,670.00	\$40.00	\$1,051,600.00	\$27.95	\$734,805.50
606.4174	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRACED	LF	1,450.00	\$25.00	\$36,250.00	\$103.00	\$149,350.00	\$31.50	\$45,675.00
606.91	RESETTING OR SETTING GUARDRAIL	LF	3,600.00	\$8.00	\$28,800.00	\$9.55	\$34,380.00	\$9.75	\$35,100.00
606.91254	RESETTING TERMINAL UNIT (TYPE 50' EAGRT)	U	3.00	\$500.00	\$1,500.00	\$647.00	\$1,941.00	\$656.50	\$1,969.50
606.9147	RESETTING TERMINAL UNIT (TYPE G-2)	U	3.00	\$400.00	\$1,200.00	\$207.00	\$621.00	\$210.00	\$630.00
606.93	TEMPORARY BEAM GUARDRAIL	LF	22,537.50	\$13.00	\$292,987.50	\$22.80	\$513,855.00	\$15.25	\$343,696.88
606.93254	TEMPORARY BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT 50FT)	U	7.00	\$1,800.00	\$12,600.00	\$2,795.00	\$19,565.00	\$2,835.00	\$19,845.00
606.9347	TEMPORARY BEAM GUARDRAIL (TERM. UNIT TYPE G-2)	U	5.00	\$500.00	\$2,500.00	\$518.00	\$2,590.00	\$525.00	\$2,625.00
606.9522	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 2	U	8.00	\$6,000.00	\$48,000.00	\$3,395.00	\$27,160.00	\$4,275.00	\$34,200.00
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	12.00	\$8,000.00	\$96,000.00	\$6,350.00	\$76,200.00	\$7,425.00	\$89,100.00
606.9612	TEMPORARY GUARDRAIL TO BARRIER TRANSITION, STEEL POST	U	5.00	\$3,000.00	\$15,000.00	\$3,725.00	\$18,625.00	\$4,032.00	\$20,160.00

Item No:	Description	A			B			C		
		Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	
606.9632	TEMPORARY BARRIER TO BRIDGE RAIL TRANSITION, STEEL POSTS	U	4.00	\$2,200.00	\$8,800.00	\$3,310.00	\$13,240.00	\$3,360.00	\$13,440.00	
607.146	WOVEN WIRE FENCE 4'-6" HIGH	LF	10,950.00	\$5.00	\$54,750.00	\$5.45	\$59,677.50	\$5.55	\$60,772.50	
607.250	CHAIN LINK FENCE WITH ALUMINUM COATED STEEL FABRIC, 5' HIGH	LF	16,100.00	\$20.00	\$322,000.00	\$13.70	\$220,570.00	\$14.00	\$225,400.00	
607.360	CHAIN LINK FENCE WITH VINYL COATED STEEL FABRIC, 6' HIGH	LF	7,800.00	\$21.00	\$163,800.00	\$16.80	\$131,040.00	\$17.10	\$133,380.00	
607.4146	POST ASSEMBLIES FOR WOVEN WIRE FENCE, 4'-6" HIGH	EA	31.00	\$190.00	\$5,890.00	\$181.00	\$5,611.00	\$183.75	\$5,696.25	
607.4250	POST ASSEMBLIES FOR CHAIN LINK FENCE, 5' HIGH	EA	65.00	\$200.00	\$13,000.00	\$171.00	\$11,115.00	\$173.25	\$11,261.25	
607.4360	POST ASSEMBLIES FOR CHAIN LINK FENCE WITH VINYL CTD STL FABRIC, 6' HIGH	EA	69.00	\$220.00	\$15,180.00	\$176.00	\$12,144.00	\$178.50	\$12,316.50	
607.73618	18' OPENING DOUBLE GATE, CHAIN LINK VINYL COATED STEEL FABRIC, 6' HIGH	U	2.00	\$1,750.00	\$3,500.00	\$1,905.00	\$3,810.00	\$1,932.00	\$3,864.00	
607.9918	BAR WAY, 18 FT.	U	2.00	\$3,800.00	\$7,600.00	\$6,470.00	\$12,940.00	\$6,575.00	\$13,150.00	
608.28	8" CONCRETE SIDEWALK (F)	SY	35.00	\$45.00	\$1,575.00	\$67.30	\$2,355.50	\$47.25	\$1,653.75	
609.01	STRAIGHT GRANITE CURB	LF	680.00	\$20.00	\$13,600.00	\$22.20	\$15,096.00	\$22.65	\$15,402.00	
609.214	STRAIGHT GRANITE SLOPE CURB, 4" HIGH	LF	955.00	\$16.00	\$15,280.00	\$19.70	\$18,813.50	\$19.30	\$18,431.50	
609.23	CURVED GRANITE SLOPE CURB	LF	5.00	\$100.00	\$500.00	\$75.20	\$376.00	\$75.80	\$379.00	
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	27,600.00	\$3.50	\$96,600.00	\$3.60	\$99,360.00	\$3.70	\$102,120.00	
611.8204	4 INCH DRY STANDPIPE (BRIDGE)	U	4.00	\$10,000.00	\$40,000.00	\$10,350.00	\$41,400.00	\$7,350.00	\$29,400.00	
614.321	2" STEEL CONDUIT	LF	20.00	\$12.00	\$240.00	\$78.60	\$1,572.00	\$26.25	\$525.00	

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
614.331	3" STEEL CONDUIT	LF	60.00	\$15.00	\$900.00	\$37.60	\$2,256.00	\$31.50	\$1,890.00
614.3429	4 INCH 2-DUCT STEEL CONDUIT (BRIDGE)	LF	460.00	\$75.00	\$34,500.00	\$109.00	\$50,140.00	\$125.00	\$57,500.00
614.512	CONCRETE PULL BOX 18"	EA	5.00	\$500.00	\$2,500.00	\$782.00	\$3,910.00	\$630.00	\$3,150.00
614.51821	CONCRETE FIBER OPTIC SPLICE VAULT 48"X48"X48"	U	13.00	\$4,000.00	\$52,000.00	\$3,725.00	\$48,425.00	\$3,675.00	\$47,775.00
614.51823	CONCRETE FIBER OPTIC SPLICE VAULT 48"X96"X48"	U	7.00	\$7,000.00	\$49,000.00	\$6,915.00	\$48,405.00	\$6,300.00	\$44,100.00
614.523	MOLDED PULL BOX 17"X30"	EA	10.00	\$450.00	\$4,500.00	\$572.00	\$5,720.00	\$525.00	\$5,250.00
614.72114	2" PVC CONDUIT, SCHEDULE 40	LF	490.00	\$6.00	\$2,940.00	\$8.90	\$4,361.00	\$13.65	\$6,688.50
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	1,450.00	\$8.00	\$11,600.00	\$9.20	\$13,340.00	\$17.35	\$25,157.50
614.73118	3" PVC CONDUIT, SCHEDULE 80	LF	150.00	\$12.00	\$1,800.00	\$21.30	\$3,195.00	\$23.10	\$3,465.00
614.74221	4" 2-DUCT HDPE CONDUIT, SDR 13.5	LF	17,000.00	\$20.00	\$340,000.00	\$21.60	\$367,200.00	\$32.50	\$552,500.00
615.01	TRAFFIC SIGN TYPE A (F)	SF	120.00	\$92.00	\$11,040.00	\$60.00	\$7,200.00	\$99.75	\$11,970.00
615.012	TRAFFIC SIGN TYPE A, BREAKAWAY MOUNTS (F)	SF	86.00	\$92.00	\$7,912.00	\$49.40	\$4,248.40	\$94.50	\$8,127.00
615.013	REMOVING TRAFFIC SIGN TYPE A	U	5.00	\$500.00	\$2,500.00	\$621.00	\$3,105.00	\$525.00	\$2,625.00
615.014	RELOCATING TRAFFIC SIGN TYPE A	U	4.00	\$2,500.00	\$10,000.00	\$3,625.00	\$14,500.00	\$2,625.00	\$10,500.00
615.02	TRAFFIC SIGN TYPE B (F)	SF	49.75	\$68.00	\$3,383.00	\$112.00	\$5,572.00	\$73.50	\$3,656.63
615.024	RELOCATING TRAFFIC SIGN TYPE B	U	42.00	\$150.00	\$6,300.00	\$191.00	\$8,022.00	\$157.50	\$6,615.00
615.03	TRAFFIC SIGN TYPE C (F)	SF	24.00	\$76.00	\$1,824.00	\$46.90	\$1,125.60	\$78.75	\$1,890.00
615.032	TRAFFIC SIGN TYPE C, BREAKAWAY MOUNTS (F)	SF	144.00	\$125.00	\$18,000.00	\$168.00	\$24,192.00	\$131.25	\$18,900.00
615.04	TRAFFIC SIGN TYPE AA (F)	SF	444.75	\$20.00	\$8,895.00	\$18.60	\$8,272.35	\$21.00	\$9,339.75
615.044	RELOCATING TRAFFIC SIGN TYPE AA	U	2.00	\$750.00	\$1,500.00	\$776.00	\$1,552.00	\$525.00	\$1,050.00
615.20001	CANTILEVER TRAFFIC SIGN STRUCTURE	U	1.00	\$30,000.00	\$30,000.00	\$27,800.00	\$27,800.00	\$29,925.00	\$29,925.00



Item No:	Description	A			B			C		
		Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	
615.20002	CANTILEVER TRAFFIC SIGN STRUCTURE	U	1.00	\$42,000.00	\$42,000.00	\$40,900.00	\$40,900.00	\$46,725.00	\$46,725.00	
615.20003	CANTILEVER TRAFFIC SIGN STRUCTURE	U	1.00	\$42,000.00	\$42,000.00	\$42,450.00	\$42,450.00	\$43,575.00	\$43,575.00	
615.20004	CANTILEVER TRAFFIC SIGN STRUCTURE	U	1.00	\$40,000.00	\$40,000.00	\$42,450.00	\$42,450.00	\$42,525.00	\$42,525.00	
615.20005	CANTILEVER TRAFFIC SIGN STRUCTURE	U	1.00	\$45,000.00	\$45,000.00	\$45,350.00	\$45,350.00	\$47,670.00	\$47,670.00	
615.203	REMOVING CANTILEVER TRAFFIC SIGN STRUCTURE	U	1.00	\$4,500.00	\$4,500.00	\$2,900.00	\$2,900.00	\$4,200.00	\$4,200.00	
616.4101	EMERGENCY PREEMPTION SYSTEM	U	1.00	\$25,000.00	\$25,000.00	\$27,700.00	\$27,700.00	\$49,925.00	\$49,925.00	
616.4191	RELOCATE EMERGENCY PREEMPTION SYSTEM	U	1.00	\$9,500.00	\$9,500.00	\$11,450.00	\$11,450.00	\$59,325.00	\$59,325.00	
618.6	UNIFORMED OFFICERS	\$	113,400.00	\$1.00	\$113,400.00	\$1.00	\$113,400.00	\$1.00	\$113,400.00	
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	1,018,000.00	\$1.00	\$1,018,000.00	\$1.00	\$1,018,000.00	\$1.00	\$1,018,000.00	
618.7	FLAGGERS	HR	4,700.00	\$23.00	\$108,100.00	\$23.30	\$109,510.00	\$23.50	\$110,450.00	
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$200,000.00	\$200,000.00	\$319,700.00	\$319,700.00	\$1,415,000.00	\$1,415,000.00	
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$25,000.00	\$50,000.00	\$22,700.00	\$45,400.00	\$16,500.00	\$33,000.00	
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	4.00	\$22,000.00	\$88,000.00	\$13,250.00	\$53,000.00	\$4,000.00	\$16,000.00	
619.52	PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)	MON	28.00	\$1,500.00	\$42,000.00	\$1,550.00	\$43,400.00	\$1,675.00	\$46,900.00	
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	1.00	\$9,000.00	\$9,000.00	\$22,350.00	\$22,350.00	\$25,000.00	\$25,000.00	
619.72	TOW VEHICLE	HR	1,507.00	\$125.00	\$188,375.00	\$49.90	\$75,199.30	\$75.00	\$113,025.00	
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	297.00	\$5.00	\$1,485.00	\$5.15	\$1,529.55	\$5.25	\$1,559.25	
621.31	SINGLE DELINEATOR WITH POST	EA	322.00	\$30.00	\$9,660.00	\$34.20	\$11,012.40	\$34.65	\$11,157.30	
621.32	DOUBLE DELINEATOR WITH POST	EA	28.00	\$36.00	\$1,008.00	\$37.30	\$1,044.40	\$37.80	\$1,058.40	

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
621.61	FIBER OPTIC DELINEATOR	EA	54.00	\$28.00	\$1,512.00	\$138.00	\$7,452.00	\$78.75	\$4,252.50
622.1	STEEL WITNESS MARKERS	EA	65.00	\$28.00	\$1,820.00	\$31.10	\$2,021.50	\$31.50	\$2,047.50
622.2	CONCRETE BOUNDS	EA	57.00	\$225.00	\$12,825.00	\$311.00	\$17,727.00	\$280.00	\$15,960.00
625.2	CONCRETE LIGHT POLE BASES, TYPE B	EA	2.00	\$800.00	\$1,600.00	\$1,490.00	\$2,980.00	\$1,575.00	\$3,150.00
625.62	RESET/RELOCATE LIGHT POLE	EA	2.00	\$1,500.00	\$3,000.00	\$2,215.00	\$4,430.00	\$1,575.00	\$3,150.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	2,550.00	\$1.00	\$2,550.00	\$0.93	\$2,371.50	\$2.00	\$5,100.00
631.024	MODULAR GLARE SCREEN	LF	1,410.00	\$23.00	\$32,430.00	\$14.60	\$20,586.00	\$25.00	\$35,250.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	6,600.00	\$0.15	\$990.00	\$0.11	\$726.00	\$0.14	\$924.00
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	652,000.00	\$0.17	\$110,840.00	\$0.14	\$91,280.00	\$0.16	\$104,320.00
632.0112	RETROREFLECTIVE PAINT PAVE. MARKING, 12" LINE	LF	5,300.00	\$0.32	\$1,696.00	\$0.26	\$1,378.00	\$0.27	\$1,431.00
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	1,500.00	\$1.00	\$1,500.00	\$1.05	\$1,575.00	\$1.07	\$1,605.00
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	5,450.00	\$1.65	\$8,992.50	\$2.05	\$11,172.50	\$2.14	\$11,663.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	216,000.00	\$0.25	\$54,000.00	\$0.33	\$71,280.00	\$0.36	\$77,760.00
643.22	FERTILIZER FOR REFERTILIZATION	TON	27.00	\$950.00	\$25,650.00	\$983.00	\$26,541.00	\$1,000.00	\$27,000.00
644.62	WET BASIN/MEADOW SEED TYPE 62	LB	300.00	\$170.00	\$51,000.00	\$186.00	\$55,800.00	\$236.25	\$70,875.00
644.82	SALT-TOLERANT GRASS SEED, TYPE 82	LB	100.00	\$50.00	\$5,000.00	\$51.80	\$5,180.00	\$21.00	\$2,100.00
645.0001	TURBIDITY BARRIER	LF	350.00	\$8.00	\$2,800.00	\$12.20	\$4,270.00	\$10.00	\$3,500.00
645.119	MULCH WITH TACKIFIERS	A	50.00	\$900.00	\$45,000.00	\$983.00	\$49,150.00	\$1,040.00	\$52,000.00
645.3	EROSION STONE	TON	15,000.00	\$16.00	\$240,000.00	\$16.40	\$246,000.00	\$20.00	\$300,000.00

Item No:	Description	A			B			C		
		Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	
645.44	TEMPORARY SLOPE STABILIZATION TYPE D (WILDLIFE FRIENDLY)	SY	69,150.00	\$1.50	\$103,725.00	\$1.70	\$117,555.00	\$1.52	\$105,108.00	
645.46	PERMANENT CHANNEL STABILIZATION TYPE B	SY	742.50	\$4.50	\$3,341.25	\$6.65	\$4,937.63	\$3.52	\$2,613.60	
645.48	EROSION CONTROL MIX	CY	3,000.00	\$16.00	\$48,000.00	\$24.30	\$72,900.00	\$20.00	\$60,000.00	
645.481	WOOD CHIPS FOR TEMPORARY EROSION CONTROL	CY	2,500.00	\$18.50	\$46,250.00	\$22.50	\$56,250.00	\$15.60	\$39,000.00	
645.482	STUMP GRINDINGS FOR TEMPORARY EROSION CONTROL	CY	7,000.00	\$18.00	\$126,000.00	\$20.60	\$144,200.00	\$15.60	\$109,200.00	
645.51	HAY BALES FOR TEMPORARY EROSION CONTROL	EA	1,000.00	\$7.50	\$7,500.00	\$9.90	\$9,900.00	\$5.15	\$5,150.00	
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	5,000.00	\$4.00	\$20,000.00	\$4.15	\$20,750.00	\$5.10	\$25,500.00	
645.52	RYEGRASS FOR TEMPORARY EROSION CONTROL	LB	1,500.00	\$3.50	\$5,250.00	\$4.15	\$6,225.00	\$2.10	\$3,150.00	
645.531	SILT FENCE	LF	26,200.00	\$3.50	\$91,700.00	\$2.40	\$62,880.00	\$2.50	\$65,500.00	
645.611	BONDED FIBER MATRIX (BFM)	LB	175,000.00	\$1.30	\$227,500.00	\$1.35	\$236,250.00	\$1.21	\$211,750.00	
645.612	FIBER REINFORCED MATRIX	LB	16,750.00	\$1.43	\$23,952.50	\$1.60	\$26,800.00	\$1.37	\$22,947.50	
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$41,000.00	\$41,000.00	\$49,600.00	\$49,600.00	\$50,000.00	\$50,000.00	
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	3,360.00	\$48.00	\$161,280.00	\$51.80	\$174,048.00	\$54.00	\$181,440.00	
645.81	STORM WATER REMOVAL - TRUCKING	HR	100.00	\$110.00	\$11,000.00	\$109.00	\$10,900.00	\$125.00	\$12,500.00	
645.8103	EROSION CONTROL - PUMP (300 GAL/MIN DISCHARGE CAPACITY)	UWK	150.00	\$500.00	\$75,000.00	\$1,025.00	\$153,750.00	\$615.00	\$92,250.00	
645.8105	EROSION CONTROL - PUMP (500 GAL/MIN DISCHARGE CAPACITY)	UWK	200.00	\$800.00	\$160,000.00	\$1,025.00	\$205,000.00	\$800.00	\$160,000.00	

Item No:	Description	Unit	A			B			C		
			Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total		
645.8110	EROSION CONTROL - PUMP (1000 GAL/MIN DISCHARGE CAPACITY)	UWK	200.00	\$900.00	\$180,000.00	\$1,540.00	\$308,000.00	\$1,500.00	\$300,000.00		
645.8203	EROSION CONTROL - PUMP (300 GAL/MIN DISCHARGE CAPACITY)	U	2.00	\$30,000.00	\$60,000.00	\$41,000.00	\$82,000.00	\$35,000.00	\$70,000.00		
645.8205	EROSION CONTROL - PUMP (500 GAL/MIN DISCHARGE CAPACITY)	U	2.00	\$45,000.00	\$90,000.00	\$41,000.00	\$82,000.00	\$45,000.00	\$90,000.00		
645.8210	EROSION CONTROL - PUMP (1000 GAL/MIN DISCHARGE CAPACITY)	U	3.00	\$75,000.00	\$225,000.00	\$102,500.00	\$307,500.00	\$100,000.00	\$300,000.00		
645.85	FLOCCULANT TREATMENT SYSTEM	MON	70.00	\$5,000.00	\$350,000.00	\$3,660.00	\$256,200.00	\$9,500.00	\$665,000.00		
645.851	WATER QUALITY MONITORING FOR CONSTRUCTION STORMWATER	HR	780.00	\$48.00	\$37,440.00	\$56.90	\$44,382.00	\$58.00	\$45,240.00		
645.852	FLOCCULANT TREATMENT SYSTEM OPERATION	HR	1,170.00	\$35.00	\$40,950.00	\$82.80	\$96,876.00	\$65.00	\$76,050.00		
646.2	TURF ESTABLISHMENT WITHOUT MULCH	A	80.00	\$1,075.00	\$86,000.00	\$1,190.00	\$95,200.00	\$1,525.00	\$122,000.00		
647.1	HUMUS	CY	37,100.00	\$19.50	\$723,450.00	\$10.50	\$389,550.00	\$17.00	\$630,700.00		
647.29	WETLAND HUMUS	CY	1,950.00	\$30.00	\$58,500.00	\$25.90	\$50,505.00	\$16.25	\$31,687.50		
650.2	LANDSCAPING	U	1.00	\$8,000.00	\$8,000.00	\$6,730.00	\$6,730.00	\$7,275.00	\$7,275.00		
670.02	SEDIMENT SUMP MEASURING BLOCK	EA	7.00	\$350.00	\$2,450.00	\$668.00	\$4,676.00	\$600.00	\$4,200.00		
670.04501	CONSTRUCT AND REMOVE DIVERSION	U	1.00	\$175,000.00	\$175,000.00	\$245,900.00	\$245,900.00	\$232,000.00	\$232,000.00		
670.04502	CONSTRUCT AND REMOVE DIVERSION	U	1.00	\$75,000.00	\$75,000.00	\$149,500.00	\$149,500.00	\$120,000.00	\$120,000.00		
670.04503	CONSTRUCT AND REMOVE DIVERSION	U	1.00	\$195,000.00	\$195,000.00	\$208,400.00	\$208,400.00	\$175,000.00	\$175,000.00		
670.04601	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$17,000.00	\$17,000.00	\$29,300.00	\$29,300.00	\$16,500.00	\$16,500.00		
670.04602	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$7,500.00	\$7,500.00	\$13,150.00	\$13,150.00	\$8,100.00	\$8,100.00		

Item No:	Description	A			B			C		
		Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	
670.04603	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$220,000.00	\$220,000.00	\$401,600.00	\$401,600.00	\$300,000.00	\$300,000.00	
670.04604	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$32,000.00	\$32,000.00	\$53,200.00	\$53,200.00	\$41,250.00	\$41,250.00	
670.04605	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$155,000.00	\$155,000.00	\$213,800.00	\$213,800.00	\$180,000.00	\$180,000.00	
670.04606	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$25,000.00	\$25,000.00	\$52,500.00	\$52,500.00	\$41,250.00	\$41,250.00	
670.04607	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$55,000.00	\$55,000.00	\$102,800.00	\$102,800.00	\$93,000.00	\$93,000.00	
670.04608	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$23,000.00	\$23,000.00	\$47,000.00	\$47,000.00	\$33,500.00	\$33,500.00	
670.04609	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$44,000.00	\$44,000.00	\$64,600.00	\$64,600.00	\$54,000.00	\$54,000.00	
670.04610	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$9,500.00	\$9,500.00	\$6,445.00	\$6,445.00	\$5,600.00	\$5,600.00	
670.04611	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$12,500.00	\$12,500.00	\$6,595.00	\$6,595.00	\$4,300.00	\$4,300.00	
670.104	TEMPORARY PORTABLE LIGHTING	U	7.00	\$18,000.00	\$126,000.00	\$14,200.00	\$99,400.00	\$15,000.00	\$105,000.00	
670.91118	MOTORIZED CANTILEVERED SLIDING GATE, 18-FOOT OPENING	U	1.00	\$20,000.00	\$20,000.00	\$6,395.00	\$6,395.00	\$17,500.00	\$17,500.00	
670.91120	MOTORIZED CANTILEVERED SLIDING GATE, 20-FOOT OPENING	U	1.00	\$20,000.00	\$20,000.00	\$6,395.00	\$6,395.00	\$18,525.00	\$18,525.00	
671.603	3-INCH PVC CONDUIT, SCHEDULE 80, DIRECTIONAL BORE	LF	600.00	\$75.00	\$45,000.00	\$79.80	\$47,880.00	\$84.00	\$50,400.00	
671.6108	8" DIA. DRAINAGE PIPE, DIRECTIONAL BORE	LF	400.00	\$175.00	\$70,000.00	\$233.00	\$93,200.00	\$104.50	\$41,800.00	
677.3101	WIRELESS COMMUNICATIONS EQUIPMENT	U	1.00	\$20,000.00	\$20,000.00	\$21,500.00	\$21,500.00	\$12,600.00	\$12,600.00	
677.3102	WIRELESS COMMUNICATIONS EQUIPMENT	U	1.00	\$20,000.00	\$20,000.00	\$21,500.00	\$21,500.00	\$12,600.00	\$12,600.00	

Item No.	Description	Unit	A			B			C		
			Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total		
677.3103	WIRELESS COMMUNICATIONS EQUIPMENT	U	1.00	\$20,000.00	\$20,000.00	\$21,500.00	\$21,500.00	\$12,600.00	\$12,600.00	\$12,600.00	
677.3104	WIRELESS COMMUNICATIONS EQUIPMENT	U	2.00	\$20,000.00	\$40,000.00	\$20,850.00	\$41,700.00	\$16,800.00	\$33,600.00	\$33,600.00	
677.4101	CCTV SYSTEM	U	1.00	\$60,000.00	\$60,000.00	\$62,900.00	\$62,900.00	\$115,000.00	\$115,000.00	\$115,000.00	
677.4102	CCTV SYSTEM	U	1.00	\$60,000.00	\$60,000.00	\$62,900.00	\$62,900.00	\$210,250.00	\$210,250.00	\$210,250.00	
677.4103	CCTV SYSTEM	U	1.00	\$60,000.00	\$60,000.00	\$62,900.00	\$62,900.00	\$135,000.00	\$135,000.00	\$135,000.00	
677.4104	CCTV SYSTEM	U	1.00	\$60,000.00	\$60,000.00	\$62,900.00	\$62,900.00	\$308,250.00	\$308,250.00	\$308,250.00	
677.44119	RELOCATE EXISTING L.E.D. TRAFFIC SIGN SYSTEM	U	1.00	\$8,500.00	\$8,500.00	\$9,085.00	\$9,085.00	\$10,500.00	\$10,500.00	\$10,500.00	
677.44129	RELOCATE EXISTING L.E.D. TRAFFIC SIGN SYSTEM	U	1.00	\$8,500.00	\$8,500.00	\$9,085.00	\$9,085.00	\$10,500.00	\$10,500.00	\$10,500.00	
677.54101	GROUND MOUNTED ITS EQUIPMENT CABINET	U	1.00	\$13,000.00	\$13,000.00	\$14,550.00	\$14,550.00	\$17,000.00	\$17,000.00	\$17,000.00	
677.54102	GROUND MOUNTED ITS EQUIPMENT CABINET	U	1.00	\$13,000.00	\$13,000.00	\$14,550.00	\$14,550.00	\$17,000.00	\$17,000.00	\$17,000.00	
677.54201	POLE MOUNTED ITS EQUIPMENT CABINET	U	1.00	\$13,000.00	\$13,000.00	\$14,250.00	\$14,250.00	\$12,600.00	\$12,600.00	\$12,600.00	
677.54202	POLE MOUNTED ITS EQUIPMENT CABINET	U	1.00	\$13,000.00	\$13,000.00	\$14,250.00	\$14,250.00	\$12,600.00	\$12,600.00	\$12,600.00	
677.561	FIBER OPTIC PATCH PANEL (12-POSITION)	EA	4.00	\$1,000.00	\$4,000.00	\$1,360.00	\$5,440.00	\$1,680.00	\$6,720.00	\$6,720.00	
677.5821	100 MBPS FIBER ETHERNET SWITCH	EA	4.00	\$5,000.00	\$20,000.00	\$4,990.00	\$19,960.00	\$5,040.00	\$20,160.00	\$20,160.00	
677.6301	METER AND DISCONNECT PEDESTAL	U	1.00	\$5,000.00	\$5,000.00	\$5,980.00	\$5,980.00	\$5,250.00	\$5,250.00	\$5,250.00	
677.6302	METER AND DISCONNECT PEDESTAL	U	1.00	\$5,000.00	\$5,000.00	\$5,980.00	\$5,980.00	\$5,250.00	\$5,250.00	\$5,250.00	
677.6303	METER AND DISCONNECT PEDESTAL	U	1.00	\$5,000.00	\$5,000.00	\$5,980.00	\$5,980.00	\$5,250.00	\$5,250.00	\$5,250.00	
677.64	UNINTERRUPTABLE POWER SUPPLY (UPS)	EA	2.00	\$7,500.00	\$15,000.00	\$7,390.00	\$14,780.00	\$6,300.00	\$12,600.00	\$12,600.00	
677.9301	3-CONDUCTOR #0 AWG CABLE	LF	620.00	\$7.00	\$4,340.00	\$9.40	\$5,828.00	\$15.75	\$9,765.00	\$9,765.00	

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
677.9306	3-CONDUCTOR #6 AWG CABLE	LF	100.00	\$2.50	\$250.00	\$15.80	\$1,580.00	\$10.50	\$1,050.00
677.9308	3-CONDUCTOR #8 AWG CABLE	LF	160.00	\$2.00	\$320.00	\$10.30	\$1,648.00	\$8.40	\$1,344.00
692	MOBILIZATION	U	1.00	\$4,000,000.00	\$4,000,000.00	\$2,300,000.00	\$2,300,000.00	\$3,429,950.00	\$3,429,950.00
693	ON-THE-JOB TRAINING OF UNSKILLED WORKERS	\$	2,400.00	\$1.00	\$2,400.00	\$1.00	\$2,400.00	\$1.00	\$2,400.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$2,500.00	\$2,500.00	\$3,625.00	\$3,625.00	\$2,750.00	\$2,750.00
697.41	CRITICAL PATH METHOD (CPM) ELECTRONIC SCHEDULE	U	1.00	\$7,500.00	\$7,500.00	\$26,600.00	\$26,600.00	\$10,000.00	\$10,000.00
698.11913	FIELD OFFICE (EQUIPMENT AND SUPPLIES)	MON	48.00	\$1,720.00	\$82,560.00	\$1,620.00	\$77,760.00	\$1,800.00	\$86,400.00
698.2	PHYSICAL TESTING LABORATORY	MON	48.00	\$1,000.00	\$48,000.00	\$815.00	\$39,120.00	\$900.00	\$43,200.00
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	500,000.00	\$1.00	\$500,000.00	\$1.00	\$500,000.00	\$1.00	\$500,000.00
1008.6	ALTERATIONS AND ADDITIONS AS NEEDED-DRINKING WATER RESOURCE PROTECTION	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00
1008.8	ALTERATIONS AND ADDITIONS AS NEEDED - WINTER MAINTENANCE	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00
1008.8502	ALT. AND ADD. AS NEEDED - WEIGH-IN-MOTION (WIM) QUARTZ SENSOR SYSTEM, NB	\$	72,260.00	\$1.00	\$72,260.00	\$1.00	\$72,260.00	\$1.00	\$72,260.00
1008.8503	ALT. AND ADD. AS NEEDED - WEIGH-IN-MOTION (WIM) QUARTZ SENSOR SYSTEM, SB	\$	77,660.00	\$1.00	\$77,660.00	\$1.00	\$77,660.00	\$1.00	\$77,660.00
1010.15	FUEL ADJUSTMENT	\$	250,000.00	\$1.00	\$250,000.00	\$1.00	\$250,000.00	\$1.00	\$250,000.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00

Item No:	Description	A			B			C		
		Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	427,350.00	\$1.00	\$427,350.00	\$1.00	\$427,350.00	\$1.00	\$427,350.00	
1010.41	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	13,652.50	\$1.00	\$13,652.50	\$1.00	\$13,652.50	\$1.00	\$13,652.50	
1010.42	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	13,217.50	\$1.00	\$13,217.50	\$1.00	\$13,217.50	\$1.00	\$13,217.50	
1010.43	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	4,267.50	\$1.00	\$4,267.50	\$1.00	\$4,267.50	\$1.00	\$4,267.50	
1010.44	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	7,014.00	\$1.00	\$7,014.00	\$1.00	\$7,014.00	\$1.00	\$7,014.00	
				\$49,419,914.55		\$49,789,383.39		\$54,482,164.		



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Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
201.01	CLEARING (F)	A	0.09	\$100,000.00	\$9,000.00		
201.1	CLEARING AND GRUBBING (F)	A	35.83	\$15,000.00	\$537,450.00		
201.6	CLEARING FOR FENCE LINES (F)	A	1.63	\$13,000.00	\$21,190.00		
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	43,700.00	\$0.80	\$34,960.00		
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	25,500.00	\$1.00	\$25,500.00		
202.201	DEMOLISHING BUILDINGS	U	1.00	\$35,000.00	\$35,000.00		
202.301	BUILDING ASBESTOS ABATEMENT	U	1.00	\$20,000.00	\$20,000.00		
202.31	FILL ABANDONED PIPE	CY	470.00	\$165.00	\$77,550.00		
202.32	FILL AND ABANDON STRUCTURE	CY	190.00	\$152.00	\$28,880.00		
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	1,450.00	\$10.00	\$14,500.00		
202.5	REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES	EA	20.00	\$500.00	\$10,000.00		
202.6	CURB REMOVAL FOR STORAGE	LF	1,905.00	\$4.00	\$7,620.00		
202.7	REMOVAL OF GUARDRAIL	LF	33,050.00	\$2.00	\$66,100.00		
202.8	REMOVAL OF FENCE	LF	625.00	\$3.00	\$1,875.00		
203.1	COMMON EXCAVATION	CY	334,100.00	\$8.00	\$2,672,800.00		
203.2	ROCK EXCAVATION	CY	341,593.60	\$16.00	\$5,465,497.60		
203.4	MUCK EXCAVATION	CY	53,600.00	\$19.00	\$1,018,400.00		
203.53	LOW PERMEABILITY FILL (F)	CY	11,108.00	\$13.00	\$144,404.00		
203.5525	PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	2.00	\$1,000.00	\$2,000.00		
203.55543	GUARDRAIL EAGRT OFFSET PLATFORM, TL 3	U	17.00	\$890.00	\$15,130.00		
203.55549	TEMPORARY GUARDRAIL 50' EAGRT PLATFORM	U	7.00	\$890.00	\$6,230.00		
203.6	EMBANKMENT-IN-PLACE (F)	CY	357,232.00	\$6.85	\$2,447,039.20		

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Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
203.62	EMBANKMENT-IN-PLACE, REPLACEMENT MATERIAL	CY	4,800.00	\$9.50	\$45,600.00		
203.662	ROCK AND GRAVEL BACKFILL FOR MUCK AND UNSUITABLE MATERIAL EXCAVATION	CY	54,000.00	\$15.00	\$810,000.00		
203.81	PRESPLITTING HOLES	LF	23,800.00	\$6.00	\$142,800.00		
203.82	EXTRA DRILLED HOLES WITHOUT EXPLOSIVES	LF	4,760.00	\$3.50	\$16,660.00		
203.91	ROCK SCALING - HAND METHOD	HR	150.00	\$220.00	\$33,000.00		
203.92	ROCK SCALING - MACHINE METHOD	HR	30.00	\$500.00	\$15,000.00		
203.93	HYDROGEOLOGIST	U	1.00	\$30,000.00	\$30,000.00		
203.94	BASELINE WATER SAMPLING	EA	630.00	\$190.00	\$119,700.00		
203.95	EXTENDED WATER SAMPLING	EA	45.00	\$800.00	\$36,000.00		
206.1	COMMON STRUCTURE EXCAVATION	CY	1,600.00	\$9.00	\$14,400.00		
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	100.00	\$150.00	\$15,000.00		
206.2	ROCK STRUCTURE EXCAVATION	CY	14,000.00	\$60.00	\$840,000.00		
206.41	OBSTRUCTION REMOVAL FOR PIPE JACKING	LF	100.00	\$5.00	\$500.00		
209.1	GRANULAR BACKFILL	CY	2,400.00	\$30.00	\$72,000.00		
209.201	GRANULAR BACKFILL (BRIDGE) (F)	CY	5,932.00	\$34.00	\$201,688.00		
214	FINE GRADING	U	1.00	\$400,000.00	\$400,000.00		
214.3	FINE GRADING EARTH BERMS IN ROCKCUTS	LF	2,600.00	\$4.00	\$10,400.00		
221.31	MOBILIZATION AND DEMOBILIZATION OF AGGREGATE PIER TREATMENT	U	1.00	\$35,000.00	\$35,000.00		

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Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
221.32	AGGREGATE PIER TREATMENT	SY	354.00	\$140.00	\$49,560.00		
224.1	HORIZONTAL DRAINS IN ROCK	LF	8,500.00	\$30.00	\$255,000.00		
225.2	PRESTRESSED ROCK BOLTS	LF	750.00	\$190.00	\$142,500.00		
225.3	ROCK DOWELS	LF	750.00	\$155.00	\$116,250.00		
304.1	SAND (F)	CY	82,291.00	\$16.00	\$1,316,656.00		
304.11	SAND FOR SHIMMING	CY	380.00	\$26.00	\$9,880.00		
304.4	CRUSHED STONE (FINE GRADATION) (F)	CY	61,565.00	\$12.00	\$738,780.00		
304.41	CRUSHED STONE (FINE GRADATION) FOR SHIM	CY	4,950.00	\$17.00	\$84,150.00		
304.5	CRUSHED STONE (COARSE GRADATION) (F)	CY	26,281.00	\$14.00	\$367,934.00		
304.754	4" STONE DUST WEARING SURFACE FOR TRAILS	CY	190.00	\$55.00	\$10,450.00		
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	4,610.00	\$61.00	\$281,210.00		
403.11001	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 1)	TON	122,800.00	\$55.00	\$6,754,000.00		
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	120.00	\$111.00	\$13,320.00		
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	126,751.20	\$1.05	\$133,088.76		
403.6	PAVEMENT JOINT ADHESIVE	LF	272,500.00	\$0.30	\$81,750.00		
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	189.00	\$160.00	\$30,240.00		
403.99	TEMPORARY BITUMINOUS PAVEMENT	TON	19,500.00	\$59.00	\$1,150,500.00		
415.8	GLASS FIBER PAVEMENT REINFORCEMENT MESH	SY	1,700.00	\$20.00	\$34,000.00		

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Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
417	COLD PLANING BITUMINOUS SURFACES	SY	52,800.00	\$1.75	\$92,400.00		
417.416	RUMBLE STRIPS, 16" WIDE	LF	85,300.00	\$0.40	\$34,120.00		
502.101	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$300,000.00	\$300,000.00		
502.102	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$500,000.00	\$500,000.00		
502.103	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$100,000.00	\$100,000.00		
502.104	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$100,000.00	\$100,000.00		
503.101	WATER DIVERSION STRUCTURE	U	1.00	\$30,000.00	\$30,000.00		
503.102	WATER DIVERSION STRUCTURE	U	1.00	\$30,000.00	\$30,000.00		
503.103	WATER DIVERSION STRUCTURE	U	1.00	\$30,000.00	\$30,000.00		
503.104	WATER DIVERSION STRUCTURE	U	1.00	\$30,000.00	\$30,000.00		
503.105	WATER DIVERSION STRUCTURE	U	1.00	\$30,000.00	\$30,000.00		
503.106	WATER DIVERSION STRUCTURE	U	1.00	\$30,000.00	\$30,000.00		
503.107	WATER DIVERSION STRUCTURE	U	1.00	\$30,000.00	\$30,000.00		
503.108	WATER DIVERSION STRUCTURE	U	1.00	\$30,000.00	\$30,000.00		
503.109	WATER DIVERSION STRUCTURE	U	1.00	\$30,000.00	\$30,000.00		
503.110	WATER DIVERSION STRUCTURE	U	1.00	\$30,000.00	\$30,000.00		
503.111	WATER DIVERSION STRUCTURE	U	1.00	\$30,000.00	\$30,000.00		
503.112	WATER DIVERSION STRUCTURE	U	1.00	\$30,000.00	\$30,000.00		
503.113	WATER DIVERSION STRUCTURE	U	1.00	\$30,000.00	\$30,000.00		

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Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
503.114	WATER DIVERSION STRUCTURE	U	1.00	\$30,000.00	\$30,000.00		
503.115	WATER DIVERSION STRUCTURE	U	1.00	\$30,000.00	\$30,000.00		
503.116	WATER DIVERSION STRUCTURE	U	1.00	\$30,000.00	\$30,000.00		
503.117	WATER DIVERSION STRUCTURE	U	1.00	\$30,000.00	\$30,000.00		
503.118	WATER DIVERSION STRUCTURE	U	1.00	\$30,000.00	\$30,000.00		
503.201	COFFERDAMS	U	1.00	\$50,000.00	\$50,000.00		
503.202	COFFERDAMS	U	1.00	\$15,000.00	\$15,000.00		
503.203	COFFERDAMS	U	1.00	\$25,000.00	\$25,000.00		
503.204	COFFERDAMS	U	1.00	\$50,000.00	\$50,000.00		
503.205	COFFERDAMS	U	1.00	\$65,000.00	\$65,000.00		
503.206	COFFERDAMS	U	1.00	\$65,000.00	\$65,000.00		
503.207	COFFERDAMS	U	1.00	\$90,000.00	\$90,000.00		
503.208	COFFERDAMS	U	1.00	\$90,000.00	\$90,000.00		
503.209	COFFERDAMS	U	1.00	\$60,000.00	\$60,000.00		
503.210	COFFERDAMS	U	1.00	\$650,000.00	\$650,000.00		
503.301	COFFERDAMS WITH SHEETING LEFT-IN-PLACE	U	1.00	\$12,000.00	\$12,000.00		
503.302	COFFERDAMS WITH SHEETING LEFT-IN-PLACE	U	1.00	\$60,000.00	\$60,000.00		
503.303	COFFERDAMS WITH SHEETING LEFT-IN-PLACE	U	1.00	\$40,000.00	\$40,000.00		
503.304	COFFERDAMS WITH SHEETING LEFT-IN-PLACE	U	1.00	\$80,000.00	\$80,000.00		
504.1	COMMON BRIDGE EXCAVATION (F)	CY	11,256.00	\$15.00	\$168,840.00		
504.2	ROCK BRIDGE EXCAVATION	CY	278.00	\$45.00	\$12,510.00		
504.25	ROCK BRIDGE EXCAVATION MECHANICAL METHODS	CY	6.00	\$100.00	\$600.00		

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Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
506.4	STEEL SHEET PILING FOR ENVIRONMENTAL PROTECTION	SY	3,350.00	\$85.00	\$284,750.00		
508	STRUCTURAL FILL	CY	2,168.00	\$50.00	\$108,400.00		
509.1	MOBILIZATION AND DEMOBILIZ. OF DRILLED SHAFT DRILLING EQUIPMENT	U	1.00	\$300,000.00	\$300,000.00		
509.2	DRILLED SHAFT	LF	1,610.00	\$245.00	\$394,450.00		
509.3	OBSTRUCTION REMOVAL	LF	41.00	\$1,300.00	\$53,300.00		
509.4	ROCK SOCKET EXCAVATION	LF	120.00	\$1,300.00	\$156,000.00		
510.1	PILE DRIVING EQUIPMENT	U	2.00	\$100.00	\$200.00		
510.61	FURNISHING & DRIVING STEEL BEARING PILES	LB	15,900.00	\$6.00	\$95,400.00		
510.65	DRIVING-POINTS FOR STEEL BEARING PILES	EA	9.00	\$110.00	\$990.00		
511.02	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	148.00	\$135.00	\$19,980.00		
511.03	PREPARATION FOR FULL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	148.00	\$365.00	\$54,020.00		
520.0021	PRECAST CONCRETE BOX CULVERT (CONCRETE CLASS AAA) (BRIDGE)	U	1.00	\$600,000.00	\$600,000.00		
520.01	CONCRETE CLASS AA	CY	58.00	\$2,500.00	\$145,000.00		
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	34.00	\$1,700.00	\$57,800.00		
520.0302	CONCRETE CLASS AA APPROACH SLABS (QC/QA) (F)	CY	234.00	\$300.00	\$70,200.00		
520.1	CONCRETE CLASS A	CY	255.00	\$750.00	\$191,250.00		
520.12	CONCRETE CLASS A, ABOVE FOOTINGS (F)	CY	1,145.00	\$600.00	\$687,000.00		

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Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
520.211	CONCRETE CLASS B, FOOTINGS (ON ROCK)	CY	4.00	\$800.00	\$3,200.00		
520.213	CONCRETE CLASS B, FOOTINGS (ON SOIL) (F)	CY	625.00	\$375.00	\$234,375.00		
520.70026	CONCRETE BRIDGE DECK (QC/QA)(PANEL OPTION)(F)	CY	811.00	\$1,300.00	\$1,054,300.00		
528.1114	PRESTRESSED CONCRETE GIRDERS, NEBT 1400 (F)	LF	859.00	\$300.00	\$257,700.00		
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	169.00	\$82.00	\$13,858.00		
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	491.00	\$35.00	\$17,185.00		
538.5	BARRIER MEMBRANE, HEAT WELDED (F)	SY	486.00	\$54.00	\$26,244.00		
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	3,592.00	\$28.00	\$100,576.00		
541.1	PVC WATERSTOPS, NH TYPE 1 (F)	LF	85.00	\$10.00	\$850.00		
541.3	PVC WATERSTOPS, NH TYPE 3 (F)	LF	86.00	\$11.00	\$946.00		
541.4	PVC WATERSTOPS, NH TYPE 4 (F)	LF	103.00	\$15.00	\$1,545.00		
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	777.00	\$17.00	\$13,209.00		
544	REINFORCING STEEL (F)	LB	111,608.00	\$1.20	\$133,929.60		
544.1	REINFORCING STEEL (ROADWAY)	LB	14,000.00	\$1.70	\$23,800.00		
544.11	REINFORCING STEEL-MECHANICAL CONNECTORS (F)	LB	9.00	\$50.00	\$450.00		
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	302,808.00	\$1.10	\$333,088.80		

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Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
544.21	REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F)	LB	4,059.00	\$7.00	\$28,413.00		
544.7	SYNTHETIC FIBER REINFORCEMENT (F)	LB	1,638.00	\$9.75	\$15,970.50		
547.1	SHEAR CONNECTORS (F)	EA	2,208.00	\$5.00	\$11,040.00		
548.21	ELASTOMERIC BEARING ASSEMBLIES (F)	EA	18.00	\$1,000.00	\$18,000.00		
550.1	STRUCTURAL STEEL (F)	LB	65,406.00	\$3.00	\$196,218.00		
550.2	BRIDGE SHOES (F)	EA	16.00	\$5,000.00	\$80,000.00		
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	205.00	\$150.00	\$30,750.00		
560.1001	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	166.00	\$125.00	\$20,750.00		
561.1201	PREFABRICATED STRIP SEAL EXPANSION JOINT W/ PLOW PLATES (F)	LF	110.00	\$900.00	\$99,000.00		
561.1202	PREFABRICATED STRIP SEAL EXPANSION JOINT W/ PLOW PLATES (F)	LF	285.00	\$900.00	\$256,500.00		
562.1	SILICONE JOINT SEALANT (F)	LF	291.00	\$9.00	\$2,619.00		
563.23	BRIDGE RAIL T3	LF	773.00	\$147.00	\$113,631.00		
563.233	BRIDGE RAIL T3 WITH SNOW SCREENING	LF	279.00	\$495.00	\$138,105.00		
563.913	SNOW SCREENING FOR OVERPASS STRUCTURES ST RAIL	LF	235.00	\$47.00	\$11,045.00		
564.61	BOX CULVERT PEDESTRIAN LIGHTING SYSTEM	U	1.00	\$20,000.00	\$20,000.00		
565.232	BRIDGE APPROACH RAIL T3 (STEEL POSTS)	U	12.00	\$5,805.00	\$69,660.00		
565.81	REHABILITATION OF BRIDGE APPROACH RAIL	U	4.00	\$1,200.00	\$4,800.00		



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Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
582.1	SLOPE PAVING WITH CONCRETE (F)	SY	257.00	\$45.00	\$11,565.00		
585.2	STONE FILL, CLASS B	CY	8,500.00	\$17.00	\$144,500.00		
585.3	STONE FILL, CLASS C	CY	3,200.00	\$17.00	\$54,400.00		
585.5	STONE FILL, CLASS E	CY	380.00	\$18.00	\$6,840.00		
585.7	STONE FILL, CLASS G	CY	65.00	\$24.00	\$1,560.00		
593.221	GEOTEXTILE; SEPARATION CL.2, NON-WOVEN	SY	74,800.00	\$1.90	\$142,120.00		
593.411	GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN	SY	13,500.00	\$2.00	\$27,000.00		
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	7,004.50	\$1.80	\$12,608.10		
594.2	WOOD PANEL SOUND ABATEMENT WALL	SF	37,231.00	\$21.00	\$781,851.00		
603.0001	VIDEO INSPECTION	LF	35,227.20	\$1.10	\$38,749.92		
603.00212	12" R.C. PIPE, 2000D	LF	481.70	\$52.00	\$25,048.40		
603.00215	15" R.C. PIPE, 2000D	LF	1,300.00	\$52.00	\$67,600.00		
603.00218	18" R.C. PIPE, 2000D	LF	425.00	\$58.00	\$24,650.00		
603.00224	24" R.C. PIPE, 2000D	LF	1,150.00	\$74.00	\$85,100.00		
603.00230	30" R.C. PIPE, 2000D	LF	115.00	\$82.00	\$9,430.00		
603.00236	36" R.C. PIPE, 2000D	LF	245.00	\$110.00	\$26,950.00		
603.00260	60" R.C. PIPE, 2000D	LF	90.00	\$175.00	\$15,750.00		
603.00324	24" R.C. PIPE, 3000D	LF	195.00	\$75.00	\$14,625.00		
603.00330	30" R.C. PIPE, 3000D	LF	310.00	\$90.00	\$27,900.00		
603.00348	48" R.C. PIPE, 3000D	LF	185.00	\$150.00	\$27,750.00		
603.30112	12" R.C. END SECTIONS	EA	2.00	\$685.00	\$1,370.00		
603.30115	15" R.C. END SECTIONS	EA	1.00	\$772.00	\$772.00		
603.30118	18" R.C. END SECTIONS	EA	4.00	\$500.00	\$2,000.00		
603.30124	24" R.C. END SECTIONS	EA	2.00	\$820.00	\$1,640.00		
603.36112	12" ALUMINIZED STEEL END SECTION	EA	5.00	\$400.00	\$2,000.00		

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Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
603.36115	15" ALUMINIZED STEEL END SECTION	EA	7.00	\$600.00	\$4,200.00		
603.36118	18" ALUMINIZED STEEL END SECTION	EA	4.00	\$700.00	\$2,800.00		
603.36124	24" ALUMINIZED STEEL END SECTION	EA	5.00	\$775.00	\$3,875.00		
603.36130	30" ALUMINIZED STEEL END SECTION	EA	5.00	\$900.00	\$4,500.00		
603.36136	36" ALUMINIZED STEEL END SECTION	EA	2.00	\$1,400.00	\$2,800.00		
603.36142	42" ALUMINIZED STEEL END SECTION	EA	1.00	\$2,100.00	\$2,100.00		
603.44012	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	285.00	\$31.00	\$8,835.00		
603.44015	15" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	75.00	\$36.00	\$2,700.00		
603.71524	24 INCH COMBINED JACKED AND CONVENTIONAL TRENCH PIPE INSTALLATION	U	1.00	\$200,000.00	\$200,000.00		
603.82212	12" PE PIPE (TYPE S)	LF	1,050.00	\$17.00	\$17,850.00		
603.82215	15" PE PIPE (TYPE S)	LF	18,850.00	\$24.00	\$452,400.00		
603.82218	18" PE PIPE (TYPE S)	LF	4,700.00	\$28.00	\$131,600.00		
603.82224	24" PE PIPE (TYPE S)	LF	5,750.00	\$36.00	\$207,000.00		
603.82230	30" PE PIPE (TYPE S)	LF	365.00	\$62.00	\$22,630.00		
603.82236	36" PE PIPE (TYPE S)	LF	510.00	\$62.00	\$31,620.00		
603.99012	12" TEMPORARY DRAIN. PIPE	LF	400.00	\$32.00	\$12,800.00		
604.0007	POLYETHYLENE LINER	EA	147.00	\$200.00	\$29,400.00		
604.12	CATCH BASINS TYPE B, 4-FOOT DIAMETER	U	116.00	\$2,050.00	\$237,800.00		
604.125	CATCH BASINS TYPE B, 5-FOOT DIAMETER	U	21.00	\$2,850.00	\$59,850.00		

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Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
604.126	CATCH BASINS TYPE B, 6-FOOT DIAMETER	U	10.00	\$3,700.00	\$37,000.00		
604.128	CATCH BASINS TYPE B, 8-FOOT DIAMETER	U	5.00	\$6,100.00	\$30,500.00		
604.15	CATCH BASINS TYPE E, 4-FOOT DIAMETER	U	33.00	\$2,300.00	\$75,900.00		
604.155	CATCH BASINS TYPE E, 5-FOOT DIAMETER	U	3.00	\$2,900.00	\$8,700.00		
604.156	CATCH BASINS TYPE E, 6-FOOT DIAMETER	U	4.00	\$3,500.00	\$14,000.00		
604.158	CATCH BASINS TYPE E, 8-FOOT DIAMETER	U	3.00	\$5,300.00	\$15,900.00		
604.16	CATCH BASINS TYPE F, 4-FOOT DIAMETER	U	15.00	\$2,300.00	\$34,500.00		
604.165	CATCH BASINS TYPE F, 5-FOOT DIAMETER	U	6.00	\$3,200.00	\$19,200.00		
604.166	CATCH BASINS TYPE F, 6-FOOT DIAMETER	U	5.00	\$3,800.00	\$19,000.00		
604.22	DROP INLETS TYPE B	U	46.00	\$1,660.00	\$76,360.00		
604.229	TEMPORARY DROP INLET, TYPE B	U	1.00	\$2,050.00	\$2,050.00		
604.26	DROP INLETS TYPE F	U	9.00	\$1,400.00	\$12,600.00		
604.32	DRAINAGE MANHOLES	U	14.00	\$2,400.00	\$33,600.00		
604.325	DRAINAGE MANHOLES, 5-FOOT DIAMETER	U	11.00	\$3,000.00	\$33,000.00		
604.328	DRAINAGE MANHOLES, 8-FOOT DIAMETER	U	3.00	\$9,300.00	\$27,900.00		
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	51.00	\$400.00	\$20,400.00		
604.5	RECONSTRUCTING/ADJUSTING MANHOLES	LF	20.00	\$180.00	\$3,600.00		
604.6	MANHOLE COVERS & FRAMES	EA	1.00	\$625.00	\$625.00		
604.9101	OUTLET CONTROL STRUCTURE	U	1.00	\$15,000.00	\$15,000.00		

Item No: Description Unit Quantity Unit Price Total Unit Price Total

Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
604.9102	OUTLET CONTROL STRUCTURE	U	1.00	\$15,000.00	\$15,000.00		
604.9103	OUTLET CONTROL STRUCTURE	U	1.00	\$15,000.00	\$15,000.00		
604.9104	OUTLET CONTROL STRUCTURE	U	1.00	\$15,000.00	\$15,000.00		
604.9105	OUTLET CONTROL STRUCTURE	U	1.00	\$15,000.00	\$15,000.00		
604.9106	OUTLET CONTROL STRUCTURE	U	1.00	\$15,000.00	\$15,000.00		
604.9107	OUTLET CONTROL STRUCTURE	U	1.00	\$15,000.00	\$15,000.00		
604.9108	OUTLET CONTROL STRUCTURE	U	1.00	\$15,000.00	\$15,000.00		
604.921	LEACHING CHAMBER TYPE 1	U	7.00	\$2,000.00	\$14,000.00		
604.922	LEACHING CHAMBER TYPE 2	U	6.00	\$2,000.00	\$12,000.00		
605.506	6" PERF. CORR. POLYETHYLENE PIPE UNDERDRAIN	LF	33,650.00	\$9.00	\$302,850.00		
605.508	8" PERF. CORR. POLYETHYLENE PIPE UNDERDRAIN	LF	5,500.00	\$12.00	\$66,000.00		
605.512	12" PERF. CORR. POLYETHYLENE PIPE UNDERDRAIN	LF	275.00	\$19.00	\$5,225.00		
605.79	UNDERDRAIN FLUSHING BASINS	EA	101.00	\$465.00	\$46,965.00		
605.82251	24" AGGRE. UND. TYPE 2 WITH 6" P.C. POLY. PIPE	LF	17,990.00	\$19.00	\$341,810.00		
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	17.00	\$2,000.00	\$34,000.00		
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	20.00	\$525.00	\$10,500.00		

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Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	26,800.00	\$17.00	\$455,600.00		
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	8,630.00	\$30.00	\$258,900.00		
606.41731	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL WITH DRAINAGE SLOTS	LF	26,290.00	\$40.00	\$1,051,600.00		
606.4174	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRACED	LF	1,450.00	\$120.00	\$174,000.00		
606.91	RESETTING OR SETTING GUARDRAIL	LF	3,600.00	\$8.50	\$30,600.00		
606.91254	RESETTING TERMINAL UNIT (TYPE 50' EAGRT)	U	3.00	\$512.00	\$1,536.00		
606.9147	RESETTING TERMINAL UNIT (TYPE G-2)	U	3.00	\$380.00	\$1,140.00		
606.93	TEMPORARY BEAM GUARDRAIL	LF	22,537.50	\$14.00	\$315,525.00		
606.93254	TEMPORARY BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT 50FT)	U	7.00	\$2,000.00	\$14,000.00		
606.9347	TEMPORARY BEAM GUARDRAIL (TERM. UNIT TYPE G-2)	U	5.00	\$525.00	\$2,625.00		
606.9522	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 2	U	8.00	\$5,500.00	\$44,000.00		
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	12.00	\$8,000.00	\$96,000.00		
606.9612	TEMPORARY GUARDRAIL TO BARRIER TRANSITION, STEEL POST	U	5.00	\$3,400.00	\$17,000.00		

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Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
606.9632	TEMPORARY BARRIER TO BRIDGE RAIL TRANSITION, STEEL POSTS	U	4.00	\$2,500.00	\$10,000.00		
607.146	WOVEN WIRE FENCE 4'-6" HIGH	LF	10,950.00	\$6.00	\$65,700.00		
607.250	CHAIN LINK FENCE WITH ALUMINUM COATED STEEL FABRIC, 5' HIGH	LF	16,100.00	\$21.00	\$338,100.00		
607.360	CHAIN LINK FENCE WITH VINYL COATED STEEL FABRIC, 6' HIGH	LF	7,800.00	\$23.00	\$179,400.00		
607.4146	POST ASSEMBLIES FOR WOVEN WIRE FENCE, 4'-6" HIGH	EA	31.00	\$215.00	\$6,665.00		
607.4250	POST ASSEMBLIES FOR CHAIN LINK FENCE, 5' HIGH	EA	65.00	\$225.00	\$14,625.00		
607.4360	POST ASSEMBLIES FOR CHAIN LINK FENCE WITH VINYL CTD STL FABRIC, 6' HIGH	EA	69.00	\$250.00	\$17,250.00		
607.73618	18' OPENING DOUBLE GATE, CHAIN LINK VINYL COATED STEEL FABRIC, 6' HIGH	U	2.00	\$1,800.00	\$3,600.00		
607.9918	BAR WAY, 18 FT.	U	2.00	\$4,000.00	\$8,000.00		
608.28	8" CONCRETE SIDEWALK (F)	SY	35.00	\$55.00	\$1,925.00		
609.01	STRAIGHT GRANITE CURB	LF	680.00	\$23.00	\$15,640.00		
609.214	STRAIGHT GRANITE SLOPE CURB, 4" HIGH	LF	955.00	\$20.00	\$19,100.00		
609.23	CURVED GRANITE SLOPE CURB	LF	5.00	\$76.00	\$380.00		
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	27,600.00	\$4.00	\$110,400.00		
611.8204	4 INCH DRY STANDPIPE (BRIDGE)	U	4.00	\$4,500.00	\$18,000.00		
614.321	2" STEEL CONDUIT	LF	20.00	\$13.50	\$270.00		

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Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
614.331	3" STEEL CONDUIT	LF	60.00	\$17.00	\$1,020.00		
614.3429	4 INCH 2-DUCT STEEL CONDUIT (BRIDGE)	LF	460.00	\$85.00	\$39,100.00		
614.512	CONCRETE PULL BOX 18"	EA	5.00	\$560.00	\$2,800.00		
614.51821	CONCRETE FIBER OPTIC SPLICE VAULT 48"X48"X48"	U	13.00	\$4,000.00	\$52,000.00		
614.51823	CONCRETE FIBER OPTIC SPLICE VAULT 48"X96"X48"	U	7.00	\$7,300.00	\$51,100.00		
614.523	MOLDED PULL BOX 17"X30"	EA	10.00	\$480.00	\$4,800.00		
614.72114	2" PVC CONDUIT, SCHEDULE 40	LF	490.00	\$8.00	\$3,920.00		
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	1,450.00	\$9.00	\$13,050.00		
614.73118	3" PVC CONDUIT, SCHEDULE 80	LF	150.00	\$14.00	\$2,100.00		
614.74221	4" 2-DUCT HDPE CONDUIT, SDR 13.5	LF	17,000.00	\$24.00	\$408,000.00		
615.01	TRAFFIC SIGN TYPE A (F)	SF	120.00	\$61.00	\$7,320.00		
615.012	TRAFFIC SIGN TYPE A, BREAKAWAY MOUNTS (F)	SF	86.00	\$50.00	\$4,300.00		
615.013	REMOVING TRAFFIC SIGN TYPE A	U	5.00	\$630.00	\$3,150.00		
615.014	RELOCATING TRAFFIC SIGN TYPE A	U	4.00	\$3,700.00	\$14,800.00		
615.02	TRAFFIC SIGN TYPE B (F)	SF	49.75	\$52.00	\$2,587.00		
615.024	RELOCATING TRAFFIC SIGN TYPE B	U	42.00	\$195.00	\$8,190.00		
615.03	TRAFFIC SIGN TYPE C (F)	SF	24.00	\$49.00	\$1,176.00		
615.032	TRAFFIC SIGN TYPE C, BREAKAWAY MOUNTS (F)	SF	144.00	\$175.00	\$25,200.00		
615.04	TRAFFIC SIGN TYPE AA (F)	SF	444.75	\$19.00	\$8,450.25		
615.044	RELOCATING TRAFFIC SIGN TYPE AA	U	2.00	\$790.00	\$1,580.00		
615.20001	CANTILEVER TRAFFIC SIGN STRUCTURE	U	1.00	\$282,000.00	\$282,000.00		

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Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
615.20002	CANTILEVER TRAFFIC SIGN STRUCTURE	U	1.00	\$42,000.00	\$42,000.00		
615.20003	CANTILEVER TRAFFIC SIGN STRUCTURE	U	1.00	\$45,000.00	\$45,000.00		
615.20004	CANTILEVER TRAFFIC SIGN STRUCTURE	U	1.00	\$45,000.00	\$45,000.00		
615.20005	CANTILEVER TRAFFIC SIGN STRUCTURE	U	1.00	\$46,000.00	\$46,000.00		
615.203	REMOVING CANTILEVER TRAFFIC SIGN STRUCTURE	U	1.00	\$3,000.00	\$3,000.00		
616.4101	EMERGENCY PREEMPTION SYSTEM	U	1.00	\$30,000.00	\$30,000.00		
616.4191	RELOCATE EMERGENCY PREEMPTION SYSTEM	U	1.00	\$15,000.00	\$15,000.00		
618.6	UNIFORMED OFFICERS	\$	113,400.00	\$1.00	\$113,400.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	1,018,000.00	\$1.00	\$1,018,000.00		
618.7	FLAGGERS	HR	4,700.00	\$10.00	\$47,000.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$1,200,000.00	\$1,200,000.00		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$20,000.00	\$40,000.00		
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	4.00	\$11,000.00	\$44,000.00		
619.52	PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)	MON	28.00	\$590.00	\$16,520.00		
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	1.00	\$66,000.00	\$66,000.00		
619.72	TOW VEHICLE	HR	1,507.00	\$50.00	\$75,350.00		
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	297.00	\$5.00	\$1,485.00		
621.31	SINGLE DELINEATOR WITH POST	EA	322.00	\$34.00	\$10,948.00		
621.32	DOUBLE DELINEATOR WITH POST	EA	28.00	\$38.00	\$1,064.00		



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Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
621.61	FIBER OPTIC DELINEATOR	EA	54.00	\$75.00	\$4,050.00		
622.1	STEEL WITNESS MARKERS	EA	65.00	\$34.00	\$2,210.00		
622.2	CONCRETE BOUNDS	EA	57.00	\$350.00	\$19,950.00		
625.2	CONCRETE LIGHT POLE BASES, TYPE B	EA	2.00	\$900.00	\$1,800.00		
625.62	RESET/RELOCATE LIGHT POLE	EA	2.00	\$2,000.00	\$4,000.00		
628.2	SAWED BITUMINOUS PAVEMENT	LF	2,550.00	\$1.10	\$2,805.00		
631.024	MODULAR GLARE SCREEN	LF	1,410.00	\$19.00	\$26,790.00		
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	6,600.00	\$0.16	\$1,056.00		
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	652,000.00	\$0.16	\$104,320.00		
632.0112	RETROREFLECTIVE PAINT PAVE. MARKING, 12" LINE	LF	5,300.00	\$0.32	\$1,696.00		
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	1,500.00	\$1.10	\$1,650.00		
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	5,450.00	\$1.80	\$9,810.00		
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	216,000.00	\$0.30	\$64,800.00		
643.22	FERTILIZER FOR REFERTILIZATION	TON	27.00	\$79.00	\$2,133.00		
644.62	WET BASIN/MEADOW SEED TYPE 62	LB	300.00	\$200.00	\$60,000.00		
644.82	SALT-TOLERANT GRASS SEED, TYPE 82	LB	100.00	\$55.00	\$5,500.00		
645.0001	TURBIDITY BARRIER	LF	350.00	\$30.00	\$10,500.00		
645.119	MULCH WITH TACKIFIERS	A	50.00	\$990.00	\$49,500.00		
645.3	EROSION STONE	TON	15,000.00	\$18.00	\$270,000.00		

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Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
645.44	TEMPORARY SLOPE STABILIZATION TYPE D (WILDLIFE FRIENDLY)	SY	69,150.00	\$1.60	\$110,640.00		
645.46	PERMANENT CHANNEL STABILIZATION TYPE B	SY	742.50	\$2.20	\$1,633.50		
645.48	EROSION CONTROL MIX	CY	3,000.00	\$8.00	\$24,000.00		
645.481	WOOD CHIPS FOR TEMPORARY EROSION CONTROL	CY	2,500.00	\$8.00	\$20,000.00		
645.482	STUMP GRINDINGS FOR TEMPORARY EROSION CONTROL	CY	7,000.00	\$12.50	\$87,500.00		
645.51	HAY BALES FOR TEMPORARY EROSION CONTROL	EA	1,000.00	\$8.75	\$8,750.00		
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	5,000.00	\$4.50	\$22,500.00		
645.52	RYEGRASS FOR TEMPORARY EROSION CONTROL	LB	1,500.00	\$4.20	\$6,300.00		
645.531	SILT FENCE	LF	26,200.00	\$3.00	\$78,600.00		
645.611	BONDED FIBER MATRIX (BFM)	LB	175,000.00	\$2.00	\$350,000.00		
645.612	FIBER REINFORCED MATRIX	LB	16,750.00	\$2.00	\$33,500.00		
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$50,000.00	\$50,000.00		
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	3,360.00	\$55.00	\$184,800.00		
645.81	STORM WATER REMOVAL - TRUCKING	HR	100.00	\$125.00	\$12,500.00		
645.8103	EROSION CONTROL - PUMP (300 GAL/MIN DISCHARGE CAPACITY)	UWK	150.00	\$200.00	\$30,000.00		
645.8105	EROSION CONTROL - PUMP (500 GAL/MIN DISCHARGE CAPACITY)	UWK	200.00	\$200.00	\$40,000.00		

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Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
645.8110	EROSION CONTROL - PUMP (1000 GAL/MIN DISCHARGE CAPACITY)	UWK	200.00	\$200.00	\$40,000.00		
645.8203	EROSION CONTROL - PUMP (300 GAL/MIN DISCHARGE CAPACITY)	U	2.00	\$200,000.00	\$400,000.00		
645.8205	EROSION CONTROL - PUMP (500 GAL/MIN DISCHARGE CAPACITY)	U	2.00	\$200,000.00	\$400,000.00		
645.8210	EROSION CONTROL - PUMP (1000 GAL/MIN DISCHARGE CAPACITY)	U	3.00	\$200,000.00	\$600,000.00		
645.85	FLOCCULANT TREATMENT SYSTEM	MON	70.00	\$5,600.00	\$392,000.00		
645.851	WATER QUALITY MONITORING FOR CONSTRUCTION STORMWATER	HR	780.00	\$57.00	\$44,460.00		
645.852	FLOCCULANT TREATMENT SYSTEM OPERATION	HR	1,170.00	\$67.00	\$78,390.00		
646.2	TURF ESTABLISHMENT WITHOUT MULCH	A	80.00	\$1,300.00	\$104,000.00		
647.1	HUMUS	CY	37,100.00	\$14.00	\$519,400.00		
647.29	WETLAND HUMUS	CY	1,950.00	\$2.75	\$5,362.50		
650.2	LANDSCAPING	U	1.00	\$10,000.00	\$10,000.00		
670.02	SEDIMENT SUMP MEASURING BLOCK	EA	7.00	\$700.00	\$4,900.00		
670.04501	CONSTRUCT AND REMOVE DIVERSION	U	1.00	\$325,000.00	\$325,000.00		
670.04502	CONSTRUCT AND REMOVE DIVERSION	U	1.00	\$200,000.00	\$200,000.00		
670.04503	CONSTRUCT AND REMOVE DIVERSION	U	1.00	\$27,000.00	\$27,000.00		
670.04601	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$22,000.00	\$22,000.00		
670.04602	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$12,000.00	\$12,000.00		

Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
670.04603	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$420,000.00	\$420,000.00				
670.04604	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$125,000.00	\$125,000.00				
670.04605	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$230,000.00	\$230,000.00				
670.04606	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$101,000.00	\$101,000.00				
670.04607	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$140,000.00	\$140,000.00				
670.04608	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$110,000.00	\$110,000.00				
670.04609	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$105,000.00	\$105,000.00				
670.04610	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$31,000.00	\$31,000.00				
670.04611	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$19,000.00	\$19,000.00				
670.104	TEMPORARY PORTABLE LIGHTING	U	7.00	\$78,000.00	\$546,000.00				
670.91118	MOTORIZED CANTILEVERED SLIDING GATE, 18-FOOT OPENING	U	1.00	\$28,000.00	\$28,000.00				
670.91120	MOTORIZED CANTILEVERED SLIDING GATE, 20-FOOT OPENING	U	1.00	\$29,000.00	\$29,000.00				
671.603	3-INCH PVC CONDUIT, SCHEDULE 80, DIRECTIONAL BORE	LF	600.00	\$71.00	\$42,600.00				
671.6108	8" DIA. DRAINAGE PIPE, DIRECTIONAL BORE	LF	400.00	\$210.00	\$84,000.00				
677.3101	WIRELESS COMMUNICATIONS EQUIPMENT	U	1.00	\$22,000.00	\$22,000.00				
677.3102	WIRELESS COMMUNICATIONS EQUIPMENT	U	1.00	\$22,000.00	\$22,000.00				

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Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
677.3103	WIRELESS COMMUNICATIONS EQUIPMENT	U	1.00	\$22,000.00	\$22,000.00		
677.3104	WIRELESS COMMUNICATIONS EQUIPMENT	U	2.00	\$12,000.00	\$24,000.00		
677.4101	CCTV SYSTEM	U	1.00	\$67,000.00	\$67,000.00		
677.4102	CCTV SYSTEM	U	1.00	\$67,000.00	\$67,000.00		
677.4103	CCTV SYSTEM	U	1.00	\$67,000.00	\$67,000.00		
677.4104	CCTV SYSTEM	U	1.00	\$67,000.00	\$67,000.00		
677.44119	RELOCATE EXISTING L.E.D. TRAFFIC SIGN SYSTEM	U	1.00	\$6,800.00	\$6,800.00		
677.44129	RELOCATE EXISTING L.E.D. TRAFFIC SIGN SYSTEM	U	1.00	\$6,800.00	\$6,800.00		
677.54101	GROUND MOUNTED ITS EQUIPMENT CABINET	U	1.00	\$14,000.00	\$14,000.00		
677.54102	GROUND MOUNTED ITS EQUIPMENT CABINET	U	1.00	\$14,000.00	\$14,000.00		
677.54201	POLE MOUNTED ITS EQUIPMENT CABINET	U	1.00	\$14,000.00	\$14,000.00		
677.54202	POLE MOUNTED ITS EQUIPMENT CABINET	U	1.00	\$14,000.00	\$14,000.00		
677.561	FIBER OPTIC PATCH PANEL (12-POSITION)	EA	4.00	\$1,200.00	\$4,800.00		
677.5821	100 MBPS FIBER ETHERNET SWITCH	EA	4.00	\$5,100.00	\$20,400.00		
677.6301	METER AND DISCONNECT PEDESTAL	U	1.00	\$5,100.00	\$5,100.00		
677.6302	METER AND DISCONNECT PEDESTAL	U	1.00	\$5,100.00	\$5,100.00		
677.6303	METER AND DISCONNECT PEDESTAL	U	1.00	\$5,100.00	\$5,100.00		
677.64	UNINTERRUPTABLE POWER SUPPLY (UPS)	EA	2.00	\$7,300.00	\$14,600.00		
677.9301	3-CONDUCTOR #0 AWG CABLE	LF	620.00	\$7.80	\$4,836.00		

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Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
677.9306	3-CONDUCTOR #6 AWG CABLE	LF	100.00	\$2.80	\$280.00		
677.9308	3-CONDUCTOR #8 AWG CABLE	LF	160.00	\$2.20	\$352.00		
692	MOBILIZATION	U	1.00	\$948,099.00	\$948,099.00		
693	ON-THE-JOB TRAINING OF UNSKILLED WORKERS	\$	2,400.00	\$1.00	\$2,400.00		
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$2,000.00	\$2,000.00		
697.41	CRITICAL PATH METHOD (CPM) ELECTRONIC SCHEDULE	U	1.00	\$125,000.00	\$125,000.00		
698.11913	FIELD OFFICE (EQUIPMENT AND SUPPLIES)	MON	48.00	\$900.00	\$43,200.00		
698.2	PHYSICAL TESTING LABORATORY	MON	48.00	\$1,260.00	\$60,480.00		
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	500,000.00	\$1.00	\$500,000.00		
1008.6	ALTERATIONS AND ADDITIONS AS NEEDED-DRINKING WATER RESOURCE PROTECTION	\$	25,000.00	\$1.00	\$25,000.00		
1008.8	ALTERATIONS AND ADDITIONS AS NEEDED - WINTER MAINTENANCE	\$	25,000.00	\$1.00	\$25,000.00		
1008.8502	ALT. AND ADD. AS NEEDED - WEIGH-IN-MOTION (WIM) QUARTZ SENSOR SYSTEM, NB	\$	72,260.00	\$1.00	\$72,260.00		
1008.8503	ALT. AND ADD. AS NEEDED - WEIGH-IN-MOTION (WIM) QUARTZ SENSOR SYSTEM, SB	\$	77,660.00	\$1.00	\$77,660.00		
1010.15	FUEL ADJUSTMENT	\$	250,000.00	\$1.00	\$250,000.00		
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	100,000.00	\$1.00	\$100,000.00		

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Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	427,350.00	\$1.00	\$427,350.00		
1010.41	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	13,652.50	\$1.00	\$13,652.50		
1010.42	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	13,217.50	\$1.00	\$13,217.50		
1010.43	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	4,267.50	\$1.00	\$4,267.50		
1010.44	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	7,014.00	\$1.00	\$7,014.00		
					\$58,377,000.63		

# A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
201.01	CLEARING (F)	A	0.09	\$2,000.00	\$180.00	\$4,500.00	\$405.00	(\$225.00)
201.1	CLEARING AND GRUBBING (F)	A	35.83	\$4,400.00	\$157,652.00	\$5,500.00	\$197,065.00	(\$39,413.00)
201.6	CLEARING FOR FENCE LINES (F)	A	1.63	\$5,000.00	\$8,150.00	\$2,550.00	\$4,156.50	\$3,993.50
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	43,700.00	\$0.80	\$34,960.00	\$1.50	\$65,550.00	(\$30,590.00)
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	25,500.00	\$0.80	\$20,400.00	\$1.50	\$38,250.00	(\$17,850.00)
202.201	DEMOLISHING BUILDINGS	U	1.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$0.00
202.301	BUILDING ASBESTOS ABATEMENT	U	1.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$0.00
202.31	FILL ABANDONED PIPE	CY	470.00	\$210.00	\$98,700.00	\$160.00	\$75,200.00	\$23,500.00
202.32	FILL AND ABANDON STRUCTURE	CY	190.00	\$155.00	\$29,450.00	\$135.00	\$25,650.00	\$3,800.00
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	1,450.00	\$10.50	\$15,225.00	\$10.00	\$14,500.00	\$725.00
202.5	REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES	EA	20.00	\$325.00	\$6,500.00	\$250.00	\$5,000.00	\$1,500.00
202.6	CURB REMOVAL FOR STORAGE	LF	1,905.00	\$4.50	\$8,572.50	\$5.00	\$9,525.00	(\$952.50)
202.7	REMOVAL OF GUARDRAIL	LF	33,050.00	\$1.50	\$49,575.00	\$1.50	\$49,575.00	\$0.00
202.8	REMOVAL OF FENCE	LF	625.00	\$8.00	\$5,000.00	\$2.00	\$1,250.00	\$3,750.00
203.1	COMMON EXCAVATION	CY	334,100.00	\$4.00	\$1,336,400.00	\$4.50	\$1,503,450.00	(\$167,050.00)
203.2	ROCK EXCAVATION	CY	341,593.60	\$10.00	\$3,415,936.00	\$12.00	\$4,099,123.20	(\$683,187.20)
203.4	MUCK EXCAVATION	CY	53,600.00	\$10.00	\$536,000.00	\$9.00	\$482,400.00	\$53,600.00
203.53	LOW PERMEABILITY FILL (F)	CY	11,108.00	\$10.00	\$111,080.00	\$12.50	\$138,850.00	(\$27,770.00)
203.5525	PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	2.00	\$800.00	\$1,600.00	\$950.00	\$1,900.00	(\$300.00)
203.55543	GUARDRAIL EAGRT OFFSET PLATFORM, TL 3	U	17.00	\$1,000.00	\$17,000.00	\$1,100.00	\$18,700.00	(\$1,700.00)
203.55549	TEMPORARY GUARDRAIL 50' EAGRT PLATFORM	U	7.00	\$1,000.00	\$7,000.00	\$980.00	\$6,860.00	\$140.00



## A - PS&E Comparison

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
203.6	EMBANKMENT-IN-PLACE (F)	CY	357,232.00	\$4.00	\$1,428,928.00	\$5.00	\$1,786,160.00	(\$357,232.00)
203.62	EMBANKMENT-IN-PLACE, REPLACEMENT MATERIAL	CY	4,800.00	\$1.00	\$4,800.00	\$5.00	\$24,000.00	(\$19,200.00)
203.662	ROCK AND GRAVEL BACKFILL FOR MUCK AND UNSUITABLE MATERIAL EXCAVATION	CY	54,000.00	\$5.50	\$297,000.00	\$12.00	\$648,000.00	(\$351,000.00)
203.81	PRESPLITTING HOLES	LF	23,800.00	\$5.00	\$119,000.00	\$5.30	\$126,140.00	(\$7,140.00)
203.82	EXTRA DRILLED HOLES WITHOUT EXPLOSIVES	LF	4,760.00	\$2.50	\$11,900.00	\$3.00	\$14,280.00	(\$2,380.00)
203.91	ROCK SCALING - HAND METHOD	HR	150.00	\$153.00	\$22,950.00	\$180.00	\$27,000.00	(\$4,050.00)
203.92	ROCK SCALING - MACHINE METHOD	HR	30.00	\$165.00	\$4,950.00	\$500.00	\$15,000.00	(\$10,050.00)
203.93	HYDROGEOLOGIST	U	1.00	\$20,000.00	\$20,000.00	\$10,000.00	\$10,000.00	\$10,000.00
203.94	BASELINE WATER SAMPLING	EA	630.00	\$165.00	\$103,950.00	\$150.00	\$94,500.00	\$9,450.00
203.95	EXTENDED WATER SAMPLING	EA	45.00	\$700.00	\$31,500.00	\$1,120.00	\$50,400.00	(\$18,900.00)
206.1	COMMON STRUCTURE EXCAVATION	CY	1,600.00	\$13.00	\$20,800.00	\$12.00	\$19,200.00	\$1,600.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	100.00	\$125.00	\$12,500.00	\$40.00	\$4,000.00	\$8,500.00
206.2	ROCK STRUCTURE EXCAVATION	CY	14,000.00	\$49.00	\$686,000.00	\$41.00	\$574,000.00	\$112,000.00
206.41	OBSTRUCTION REMOVAL FOR PIPE JACKING	LF	100.00	\$30.00	\$3,000.00	\$500.00	\$50,000.00	(\$47,000.00)
209.1	GRANULAR BACKFILL	CY	2,400.00	\$25.00	\$60,000.00	\$23.00	\$55,200.00	\$4,800.00
209.201	GRANULAR BACKFILL (BRIDGE) (F)	CY	5,932.00	\$23.00	\$136,436.00	\$36.00	\$213,552.00	(\$77,116.00)
214	FINE GRADING	U	1.00	\$677,000.00	\$677,000.00	\$250,080.00	\$250,080.00	\$426,920.00
214.3	FINE GRADING EARTH BERMS IN ROCKCUTS	LF	2,600.00	\$9.00	\$23,400.00	\$9.00	\$23,400.00	\$0.00

# A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
221.31	MOBILIZATION AND DEMOBILIZATION OF AGGREGATE PIER TREATMENT	U	1.00	\$75,000.00	\$75,000.00	\$25,000.00	\$25,000.00	\$50,000.00
221.32	AGGREGATE PIER TREATMENT	SY	354.00	\$130.00	\$46,020.00	\$250.00	\$88,500.00	(\$42,480.00)
224.1	HORIZONTAL DRAINS IN ROCK	LF	8,500.00	\$3.00	\$25,500.00	\$4.00	\$34,000.00	(\$8,500.00)
225.2	PRESTRESSED ROCK BOLTS	LF	750.00	\$160.00	\$120,000.00	\$100.00	\$75,000.00	\$45,000.00
225.3	ROCK DOWELS	LF	750.00	\$132.00	\$99,000.00	\$100.00	\$75,000.00	\$24,000.00
304.1	SAND (F)	CY	82,291.00	\$15.00	\$1,234,365.00	\$15.00	\$1,234,365.00	\$0.00
304.11	SAND FOR SHIMMING	CY	380.00	\$15.00	\$5,700.00	\$15.50	\$5,890.00	(\$190.00)
304.4	CRUSHED STONE (FINE GRADATION) (F)	CY	61,565.00	\$15.00	\$923,475.00	\$15.00	\$923,475.00	\$0.00
304.41	CRUSHED STONE (FINE GRADATION) FOR SHIM	CY	4,950.00	\$21.00	\$103,950.00	\$15.00	\$74,250.00	\$29,700.00
304.5	CRUSHED STONE (COARSE GRADATION) (F)	CY	26,281.00	\$15.00	\$394,215.00	\$15.00	\$394,215.00	\$0.00
304.754	4" STONE DUST WEARING SURFACE FOR TRAILS	CY	190.00	\$25.00	\$4,750.00	\$24.00	\$4,560.00	\$190.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	4,610.00	\$55.00	\$253,550.00	\$58.00	\$267,380.00	(\$13,830.00)
403.11001	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 1)	TON	122,800.00	\$49.00	\$6,017,200.00	\$58.00	\$7,122,400.00	(\$1,105,200.00)
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	120.00	\$105.00	\$12,600.00	\$125.00	\$15,000.00	(\$2,400.00)
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	126,751.20	\$1.00	\$126,751.20	\$1.20	\$152,101.44	(\$25,350.24)
403.6	PAVEMENT JOINT ADHESIVE	LF	272,500.00	\$0.21	\$57,225.00	\$0.25	\$68,125.00	(\$10,900.00)
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	189.00	\$150.00	\$28,350.00	\$125.00	\$23,625.00	\$4,725.00

## A - PS&amp;E Comparison

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
403.99	TEMPORARY BITUMINOUS PAVEMENT	TON	19,500.00	\$60.00	\$1,170,000.00	\$66.00	\$1,287,000.00	(\$117,000.00)
415.8	GLASS FIBER PAVEMENT REINFORCEMENT MESH	SY	1,700.00	\$8.50	\$14,450.00	\$15.50	\$26,350.00	(\$11,900.00)
417	COLD PLANING BITUMINOUS SURFACES	SY	52,800.00	\$1.25	\$66,000.00	\$1.80	\$95,040.00	(\$29,040.00)
417.416	RUMBLE STRIPS, 16" WIDE	LF	85,300.00	\$0.18	\$15,354.00	\$0.45	\$38,385.00	(\$23,031.00)
502.101	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$100,000.00	\$100,000.00	\$150,000.00	\$150,000.00	(\$50,000.00)
502.102	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$125,000.00	\$125,000.00	\$160,070.00	\$160,070.00	(\$35,070.00)
502.103	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$80,000.00	\$80,000.00	\$80,000.00	\$80,000.00	\$0.00
502.104	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$85,000.00	\$85,000.00	\$90,000.00	\$90,000.00	(\$5,000.00)
503.101	WATER DIVERSION STRUCTURE	U	1.00	\$2,000.00	\$2,000.00	\$20,000.00	\$20,000.00	(\$18,000.00)
503.102	WATER DIVERSION STRUCTURE	U	1.00	\$3,000.00	\$3,000.00	\$1,000.00	\$1,000.00	\$2,000.00
503.103	WATER DIVERSION STRUCTURE	U	1.00	\$2,000.00	\$2,000.00	\$10,000.00	\$10,000.00	(\$8,000.00)
503.104	WATER DIVERSION STRUCTURE	U	1.00	\$2,000.00	\$2,000.00	\$13,000.00	\$13,000.00	(\$11,000.00)
503.105	WATER DIVERSION STRUCTURE	U	1.00	\$1,000.00	\$1,000.00	\$14,000.00	\$14,000.00	(\$13,000.00)
503.106	WATER DIVERSION STRUCTURE	U	1.00	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00	\$1,000.00
503.107	WATER DIVERSION STRUCTURE	U	1.00	\$1,000.00	\$1,000.00	\$14,000.00	\$14,000.00	(\$13,000.00)
503.108	WATER DIVERSION STRUCTURE	U	1.00	\$2,500.00	\$2,500.00	\$9,000.00	\$9,000.00	(\$6,500.00)
503.109	WATER DIVERSION STRUCTURE	U	1.00	\$2,000.00	\$2,000.00	\$9,000.00	\$9,000.00	(\$7,000.00)
503.110	WATER DIVERSION STRUCTURE	U	1.00	\$2,000.00	\$2,000.00	\$15,000.00	\$15,000.00	(\$13,000.00)

# A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
503.111	WATER DIVERSION STRUCTURE	U	1.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$0.00
503.112	WATER DIVERSION STRUCTURE	U	1.00	\$1,000.00	\$1,000.00	\$7,000.00	\$7,000.00	(\$6,000.00)
503.113	WATER DIVERSION STRUCTURE	U	1.00	\$1,000.00	\$1,000.00	\$5,000.00	\$5,000.00	(\$4,000.00)
503.114	WATER DIVERSION STRUCTURE	U	1.00	\$500.00	\$500.00	\$9,000.00	\$9,000.00	(\$8,500.00)
503.115	WATER DIVERSION STRUCTURE	U	1.00	\$500.00	\$500.00	\$1,000.00	\$1,000.00	(\$500.00)
503.116	WATER DIVERSION STRUCTURE	U	1.00	\$2,000.00	\$2,000.00	\$11,000.00	\$11,000.00	(\$9,000.00)
503.117	WATER DIVERSION STRUCTURE	U	1.00	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00	\$500.00
503.118	WATER DIVERSION STRUCTURE	U	1.00	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00	\$500.00
503.201	COFFERDAMS	U	1.00	\$75,000.00	\$75,000.00	\$35,000.00	\$35,000.00	\$40,000.00
503.202	COFFERDAMS	U	1.00	\$5,000.00	\$5,000.00	\$15,000.00	\$15,000.00	(\$10,000.00)
503.203	COFFERDAMS	U	1.00	\$60,000.00	\$60,000.00	\$35,000.00	\$35,000.00	\$25,000.00
503.204	COFFERDAMS	U	1.00	\$35,000.00	\$35,000.00	\$31,000.00	\$31,000.00	\$4,000.00
503.205	COFFERDAMS	U	1.00	\$32,000.00	\$32,000.00	\$65,000.00	\$65,000.00	(\$33,000.00)
503.206	COFFERDAMS	U	1.00	\$35,000.00	\$35,000.00	\$20,000.00	\$20,000.00	\$15,000.00
503.207	COFFERDAMS	U	1.00	\$37,500.00	\$37,500.00	\$33,000.00	\$33,000.00	\$4,500.00
503.208	COFFERDAMS	U	1.00	\$37,500.00	\$37,500.00	\$33,000.00	\$33,000.00	\$4,500.00
503.209	COFFERDAMS	U	1.00	\$40,000.00	\$40,000.00	\$35,000.00	\$35,000.00	\$5,000.00
503.210	COFFERDAMS	U	1.00	\$160,000.00	\$160,000.00	\$245,000.00	\$245,000.00	(\$85,000.00)
503.301	COFFERDAMS WITH SHEETING LEFT-IN-PLACE	U	1.00	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00	\$15,000.00
503.302	COFFERDAMS WITH SHEETING LEFT-IN-PLACE	U	1.00	\$70,000.00	\$70,000.00	\$60,000.00	\$60,000.00	\$10,000.00
503.303	COFFERDAMS WITH SHEETING LEFT-IN-PLACE	U	1.00	\$96,000.00	\$96,000.00	\$10,000.00	\$10,000.00	\$86,000.00
503.304	COFFERDAMS WITH SHEETING LEFT-IN-PLACE	U	1.00	\$3,700.00	\$3,700.00	\$50,000.00	\$50,000.00	(\$46,300.00)

## A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
504.1	COMMON BRIDGE EXCAVATION (F)	CY	11,256.00	\$12.00	\$135,072.00	\$20.00	\$225,120.00	(\$90,048.00)
504.2	ROCK BRIDGE EXCAVATION	CY	278.00	\$100.00	\$27,800.00	\$75.00	\$20,850.00	\$6,950.00
504.25	ROCK BRIDGE EXCAVATION MECHANICAL METHODS	CY	6.00	\$150.00	\$900.00	\$200.00	\$1,200.00	(\$300.00)
506.4	STEEL SHEET PILING FOR ENVIRONMENTAL PROTECTION	SY	3,350.00	\$81.00	\$271,350.00	\$100.00	\$335,000.00	(\$63,650.00)
508	STRUCTURAL FILL	CY	2,168.00	\$5.00	\$10,840.00	\$40.00	\$86,720.00	(\$75,880.00)
509.1	MOBILIZATION AND DEMOBILIZ. OF DRILLED SHAFT DRILLING EQUIPMENT	U	1.00	\$75,000.00	\$75,000.00	\$25,000.00	\$25,000.00	\$50,000.00
509.2	DRILLED SHAFT	LF	1,610.00	\$210.00	\$338,100.00	\$200.00	\$322,000.00	\$16,100.00
509.3	OBSTRUCTION REMOVAL	LF	41.00	\$500.00	\$20,500.00	\$1,000.00	\$41,000.00	(\$20,500.00)
509.4	ROCK SOCKET EXCAVATION	LF	120.00	\$750.00	\$90,000.00	\$1,000.00	\$120,000.00	(\$30,000.00)
510.1	PILE DRIVING EQUIPMENT	U	2.00	\$16,000.00	\$32,000.00	\$85,000.00	\$170,000.00	(\$138,000.00)
510.61	FURNISHING & DRIVING STEEL BEARING PILES	LB	15,900.00	\$0.56	\$8,904.00	\$0.57	\$9,063.00	(\$159.00)
510.65	DRIVING-POINTS FOR STEEL BEARING PILES	EA	9.00	\$250.00	\$2,250.00	\$150.00	\$1,350.00	\$900.00
511.02	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	148.00	\$640.00	\$94,720.00	\$300.00	\$44,400.00	\$50,320.00
511.03	PREPARATION FOR FULL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	148.00	\$800.00	\$118,400.00	\$450.00	\$66,600.00	\$51,800.00
520.0021	PRECAST CONCRETE BOX CULVERT (CONCRETE CLASS AAA) (BRIDGE)	U	1.00	\$400,000.00	\$400,000.00	\$400,000.00	\$400,000.00	\$0.00
520.01	CONCRETE CLASS AA	CY	58.00	\$2,400.00	\$139,200.00	\$550.00	\$31,900.00	\$107,300.00

# A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No.	Description	Unit	Quantity	Unit Price	A-Bidder Total	Unit Price	PS&E Total	Total	A-PS&E Difference
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	34.00	\$1,500.00	\$51,000.00	\$1,500.00	\$51,000.00	\$51,000.00	\$0.00
520.0302	CONCRETE CLASS AA APPROACH SLABS (QC/QA) (F)	CY	234.00	\$350.00	\$81,900.00	\$350.00	\$81,900.00	\$81,900.00	\$0.00
520.1	CONCRETE CLASS A	CY	255.00	\$600.00	\$153,000.00	\$920.00	\$234,600.00	\$234,600.00	(\$81,600.00)
520.12	CONCRETE CLASS A, ABOVE FOOTINGS (F)	CY	1,145.00	\$700.00	\$801,500.00	\$550.00	\$629,750.00	\$629,750.00	\$171,750.00
520.211	CONCRETE CLASS B, FOOTINGS (ON ROCK)	CY	4.00	\$900.00	\$3,600.00	\$350.00	\$1,400.00	\$1,400.00	\$2,200.00
520.213	CONCRETE CLASS B, FOOTINGS (ON SOIL) (F)	CY	625.00	\$280.00	\$175,000.00	\$300.00	\$187,500.00	\$187,500.00	(\$12,500.00)
520.70026	CONCRETE BRIDGE DECK (QC/QA)(PANEL OPTION)(F)	CY	811.00	\$1,400.00	\$1,135,400.00	\$775.00	\$628,525.00	\$628,525.00	\$506,875.00
528.1114	PRESTRESSED CONCRETE GIRDERS, NEBT 1400 (F)	LF	859.00	\$500.00	\$429,500.00	\$400.00	\$343,600.00	\$343,600.00	\$85,900.00
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	169.00	\$65.00	\$10,985.00	\$69.00	\$11,661.00	\$11,661.00	(\$676.00)
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	491.00	\$50.00	\$24,550.00	\$49.00	\$24,059.00	\$24,059.00	\$491.00
538.5	BARRIER MEMBRANE, HEAT WELDED (F)	SY	486.00	\$42.50	\$20,655.00	\$25.00	\$12,150.00	\$12,150.00	\$8,505.00
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	3,592.00	\$21.00	\$75,432.00	\$17.00	\$61,064.00	\$61,064.00	\$14,368.00
541.1	PVC WATERSTOPS, NH TYPE 1 (F)	LF	85.00	\$5.00	\$425.00	\$6.00	\$510.00	\$510.00	(\$85.00)
541.3	PVC WATERSTOPS, NH TYPE 3 (F)	LF	86.00	\$6.00	\$516.00	\$8.00	\$688.00	\$688.00	(\$172.00)
541.4	PVC WATERSTOPS, NH TYPE 4 (F)	LF	103.00	\$9.00	\$927.00	\$10.00	\$1,030.00	\$1,030.00	(\$103.00)
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	777.00	\$8.00	\$6,216.00	\$10.00	\$7,770.00	\$7,770.00	(\$1,554.00)
544	REINFORCING STEEL (F)	LB	111,608.00	\$1.40	\$156,251.20	\$1.10	\$122,768.80	\$122,768.80	\$33,482.40

## A - PS&amp;E Comparison

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
544.1	REINFORCING STEEL (ROADWAY)	LB	14,000.00	\$1.15	\$16,100.00	\$1.20	\$16,800.00	(\$700.00)
544.11	REINFORCING STEEL-MECHANICAL CONNECTORS (F)	LB	9.00	\$10.00	\$90.00	\$10.00	\$90.00	\$0.00
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	302,808.00	\$1.15	\$348,229.20	\$1.10	\$333,088.80	\$15,140.40
544.21	REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F)	LB	4,059.00	\$3.00	\$12,177.00	\$4.00	\$16,236.00	(\$4,059.00)
544.7	SYNTHETIC FIBER REINFORCEMENT (F)	LB	1,638.00	\$6.00	\$9,828.00	\$7.50	\$12,285.00	(\$2,457.00)
547.1	SHEAR CONNECTORS (F)	EA	2,208.00	\$5.50	\$12,144.00	\$5.00	\$11,040.00	\$1,104.00
548.21	ELASTOMERIC BEARING ASSEMBLIES (F)	EA	18.00	\$370.00	\$6,660.00	\$1,500.00	\$27,000.00	(\$20,340.00)
550.1	STRUCTURAL STEEL (F)	LB	65,406.00	\$2.50	\$163,515.00	\$2.25	\$147,163.50	\$16,351.50
550.2	BRIDGE SHOES (F)	EA	16.00	\$4,000.00	\$64,000.00	\$4,450.00	\$71,200.00	(\$7,200.00)
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	205.00	\$80.00	\$16,400.00	\$125.00	\$25,625.00	(\$9,225.00)
560.1001	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	166.00	\$500.00	\$83,000.00	\$400.00	\$66,400.00	\$16,600.00
561.1201	PREFABRICATED STRIP SEAL EXPANSION JOINT W/ PLOW PLATES (F)	LF	110.00	\$800.00	\$88,000.00	\$740.00	\$81,400.00	\$6,600.00
561.1202	PREFABRICATED STRIP SEAL EXPANSION JOINT W/ PLOW PLATES (F)	LF	285.00	\$800.00	\$228,000.00	\$680.00	\$193,800.00	\$34,200.00
562.1	SILICONE JOINT SEALANT (F)	LF	291.00	\$10.00	\$2,910.00	\$20.00	\$5,820.00	(\$2,910.00)
563.23	BRIDGE RAIL T3	LF	773.00	\$145.00	\$112,085.00	\$135.00	\$104,355.00	\$7,730.00
563.233	BRIDGE RAIL T3 WITH SNOW SCREENING	LF	279.00	\$177.00	\$49,383.00	\$175.00	\$48,825.00	\$558.00
563.913	SNOW SCREENING FOR OVERPASS STRUCTURES ST RAIL	LF	235.00	\$45.00	\$10,575.00	\$35.00	\$8,225.00	\$2,350.00

# A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	Unit Price	A-Bidder Total	Unit Price	PS&E Total	A-PS&E Difference
564.61	BOX CULVERT PEDESTRIAN LIGHTING SYSTEM	U	1.00	\$17,000.00	\$17,000.00	\$30,000.00	\$30,000.00	(\$13,000.00)
565.232	BRIDGE APPROACH RAIL T3 (STEEL POSTS)	U	12.00	\$5,500.00	\$66,000.00	\$5,300.00	\$63,600.00	\$2,400.00
565.81	REHABILITATION OF BRIDGE APPROACH RAIL	U	4.00	\$3,000.00	\$12,000.00	\$4,150.00	\$16,600.00	(\$4,600.00)
582.1	SLOPE PAVING WITH CONCRETE (F)	SY	257.00	\$45.00	\$11,565.00	\$45.00	\$11,565.00	\$0.00
585.2	STONE FILL, CLASS B	CY	8,500.00	\$14.00	\$119,000.00	\$18.00	\$153,000.00	(\$34,000.00)
585.3	STONE FILL, CLASS C	CY	3,200.00	\$20.00	\$64,000.00	\$24.00	\$76,800.00	(\$12,800.00)
585.5	STONE FILL, CLASS E	CY	380.00	\$38.00	\$14,440.00	\$30.00	\$11,400.00	\$3,040.00
585.7	STONE FILL, CLASS G	CY	65.00	\$38.00	\$2,470.00	\$30.00	\$1,950.00	\$520.00
593.221	GEOTEXTILE; SEPARATION CL.2, NON-WOVEN	SY	74,800.00	\$1.50	\$112,200.00	\$2.25	\$168,300.00	(\$56,100.00)
593.411	GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN	SY	13,500.00	\$2.00	\$27,000.00	\$3.00	\$40,500.00	(\$13,500.00)
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	7,004.50	\$2.00	\$14,009.00	\$3.00	\$21,013.50	(\$7,004.50)
594.2	WOOD PANEL SOUND ABATEMENT WALL	SF	37,231.00	\$19.00	\$707,389.00	\$22.00	\$819,082.00	(\$111,693.00)
603.0001	VIDEO INSPECTION	LF	35,227.20	\$1.00	\$35,227.20	\$0.80	\$28,181.76	\$7,045.44
603.00212	12" R.C. PIPE, 2000D	LF	481.70	\$50.00	\$24,085.00	\$50.00	\$24,085.00	\$0.00
603.00215	15" R.C. PIPE, 2000D	LF	1,300.00	\$45.00	\$58,500.00	\$42.00	\$54,600.00	\$3,900.00
603.00218	18" R.C. PIPE, 2000D	LF	425.00	\$52.00	\$22,100.00	\$48.00	\$20,400.00	\$1,700.00
603.00224	24" R.C. PIPE, 2000D	LF	1,150.00	\$61.00	\$70,150.00	\$58.00	\$66,700.00	\$3,450.00
603.00230	30" R.C. PIPE, 2000D	LF	115.00	\$75.00	\$8,625.00	\$70.00	\$8,050.00	\$575.00
603.00236	36" R.C. PIPE, 2000D	LF	245.00	\$125.00	\$30,625.00	\$80.00	\$19,600.00	\$11,025.00
603.00260	60" R.C. PIPE, 2000D	LF	90.00	\$230.00	\$20,700.00	\$200.00	\$18,000.00	\$2,700.00
603.00324	24" R.C. PIPE, 3000D	LF	195.00	\$85.00	\$16,575.00	\$68.00	\$13,260.00	\$3,315.00
603.00330	30" R.C. PIPE, 3000D	LF	310.00	\$100.00	\$31,000.00	\$100.00	\$31,000.00	\$0.00
603.00348	48" R.C. PIPE, 3000D	LF	185.00	\$150.00	\$27,750.00	\$125.00	\$23,125.00	\$4,625.00



## A - PS&amp;E Comparison

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
603.30112	12" R.C. END SECTIONS	EA	2.00	\$500.00	\$1,000.00	\$450.00	\$900.00	\$100.00
603.30115	15" R.C. END SECTIONS	EA	1.00	\$550.00	\$550.00	\$750.00	\$750.00	(\$200.00)
603.30118	18" R.C. END SECTIONS	EA	4.00	\$650.00	\$2,600.00	\$750.00	\$3,000.00	(\$400.00)
603.30124	24" R.C. END SECTIONS	EA	2.00	\$750.00	\$1,500.00	\$900.00	\$1,800.00	(\$300.00)
603.36112	12" ALUMINIZED STEEL END SECTION	EA	5.00	\$275.00	\$1,375.00	\$175.00	\$875.00	\$500.00
603.36115	15" ALUMINIZED STEEL END SECTION	EA	7.00	\$300.00	\$2,100.00	\$270.00	\$1,890.00	\$210.00
603.36118	18" ALUMINIZED STEEL END SECTION	EA	4.00	\$350.00	\$1,400.00	\$320.00	\$1,280.00	\$120.00
603.36124	24" ALUMINIZED STEEL END SECTION	EA	5.00	\$425.00	\$2,125.00	\$375.00	\$1,875.00	\$250.00
603.36130	30" ALUMINIZED STEEL END SECTION	EA	5.00	\$650.00	\$3,250.00	\$600.00	\$3,000.00	\$250.00
603.36136	36" ALUMINIZED STEEL END SECTION	EA	2.00	\$900.00	\$1,800.00	\$750.00	\$1,500.00	\$300.00
603.36142	42" ALUMINIZED STEEL END SECTION	EA	1.00	\$1,500.00	\$1,500.00	\$1,275.00	\$1,275.00	\$225.00
603.44012	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	285.00	\$55.00	\$15,675.00	\$35.00	\$9,975.00	\$5,700.00
603.44015	15" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	75.00	\$57.00	\$4,275.00	\$40.00	\$3,000.00	\$1,275.00
603.71524	24 INCH COMBINED JACKED AND CONVENTIONAL TRENCH PIPE INSTALLATION	U	1.00	\$550,000.00	\$550,000.00	\$80,000.00	\$80,000.00	\$470,000.00
603.82212	12" PE PIPE (TYPE S)	LF	1,050.00	\$43.00	\$45,150.00	\$30.00	\$31,500.00	\$13,650.00
603.82215	15" PE PIPE (TYPE S)	LF	18,850.00	\$44.00	\$829,400.00	\$32.00	\$603,200.00	\$226,200.00
603.82218	18" PE PIPE (TYPE S)	LF	4,700.00	\$46.00	\$216,200.00	\$35.00	\$164,500.00	\$51,700.00
603.82224	24" PE PIPE (TYPE S)	LF	5,750.00	\$54.00	\$310,500.00	\$42.00	\$241,500.00	\$69,000.00
603.82230	30" PE PIPE (TYPE S)	LF	365.00	\$75.00	\$27,375.00	\$56.00	\$20,440.00	\$6,935.00
603.82236	36" PE PIPE (TYPE S)	LF	510.00	\$95.00	\$48,450.00	\$65.00	\$33,150.00	\$15,300.00

# A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
603.99012	12" TEMPORARY DRAIN. PIPE	LF	400.00	\$70.00	\$28,000.00	\$50.00	\$20,000.00	\$8,000.00
604.0007	POLYETHYLENE LINER	EA	147.00	\$240.00	\$35,280.00	\$160.00	\$23,520.00	\$11,760.00
604.12	CATCH BASINS TYPE B, 4-FOOT DIAMETER	U	116.00	\$2,100.00	\$243,600.00	\$1,850.00	\$214,600.00	\$29,000.00
604.125	CATCH BASINS TYPE B, 5-FOOT DIAMETER	U	21.00	\$3,000.00	\$63,000.00	\$2,650.00	\$55,650.00	\$7,350.00
604.126	CATCH BASINS TYPE B, 6-FOOT DIAMETER	U	10.00	\$3,250.00	\$32,500.00	\$3,000.00	\$30,000.00	\$2,500.00
604.128	CATCH BASINS TYPE B, 8-FOOT DIAMETER	U	5.00	\$6,500.00	\$32,500.00	\$6,350.00	\$31,750.00	\$750.00
604.15	CATCH BASINS TYPE E, 4-FOOT DIAMETER	U	33.00	\$2,400.00	\$79,200.00	\$2,050.00	\$67,650.00	\$11,550.00
604.155	CATCH BASINS TYPE E, 5-FOOT DIAMETER	U	3.00	\$3,200.00	\$9,600.00	\$2,800.00	\$8,400.00	\$1,200.00
604.156	CATCH BASINS TYPE E, 6-FOOT DIAMETER	U	4.00	\$3,500.00	\$14,000.00	\$3,300.00	\$13,200.00	\$800.00
604.158	CATCH BASINS TYPE E, 8-FOOT DIAMETER	U	3.00	\$6,800.00	\$20,400.00	\$6,650.00	\$19,950.00	\$450.00
604.16	CATCH BASINS TYPE F, 4-FOOT DIAMETER	U	15.00	\$2,100.00	\$31,500.00	\$1,900.00	\$28,500.00	\$3,000.00
604.165	CATCH BASINS TYPE F, 5-FOOT DIAMETER	U	6.00	\$3,000.00	\$18,000.00	\$2,800.00	\$16,800.00	\$1,200.00
604.166	CATCH BASINS TYPE F, 6-FOOT DIAMETER	U	5.00	\$3,250.00	\$16,250.00	\$3,600.00	\$18,000.00	(\$1,750.00)
604.22	DROP INLETS TYPE B	U	46.00	\$1,800.00	\$82,800.00	\$1,600.00	\$73,600.00	\$9,200.00
604.229	TEMPORARY DROP INLET, TYPE B	U	1.00	\$2,100.00	\$2,100.00	\$1,000.00	\$1,000.00	\$1,100.00
604.26	DROP INLETS TYPE F	U	9.00	\$1,900.00	\$17,100.00	\$1,700.00	\$15,300.00	\$1,800.00
604.32	DRAINAGE MANHOLES	U	14.00	\$2,200.00	\$30,800.00	\$2,050.00	\$28,700.00	\$2,100.00
604.325	DRAINAGE MANHOLES, 5-FOOT DIAMETER	U	11.00	\$3,000.00	\$33,000.00	\$2,590.00	\$28,490.00	\$4,510.00
604.328	DRAINAGE MANHOLES, 8-FOOT DIAMETER	U	3.00	\$6,500.00	\$19,500.00	\$7,100.00	\$21,300.00	(\$1,800.00)

**A - PS&E Comparison**

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	51.00	\$360.00	\$18,360.00	\$375.00	\$19,125.00	(\$765.00)
604.5	RECONSTRUCTING/ADJUSTING MANHOLES	LF	20.00	\$360.00	\$7,200.00	\$375.00	\$7,500.00	(\$300.00)
604.6	MANHOLE COVERS & FRAMES	EA	1.00	\$675.00	\$675.00	\$525.00	\$525.00	\$150.00
604.9101	OUTLET CONTROL STRUCTURE	U	1.00	\$4,700.00	\$4,700.00	\$3,600.00	\$3,600.00	\$1,100.00
604.9102	OUTLET CONTROL STRUCTURE	U	1.00	\$4,800.00	\$4,800.00	\$3,600.00	\$3,600.00	\$1,200.00
604.9103	OUTLET CONTROL STRUCTURE	U	1.00	\$5,500.00	\$5,500.00	\$3,600.00	\$3,600.00	\$1,900.00
604.9104	OUTLET CONTROL STRUCTURE	U	1.00	\$5,000.00	\$5,000.00	\$3,600.00	\$3,600.00	\$1,400.00
604.9105	OUTLET CONTROL STRUCTURE	U	1.00	\$4,500.00	\$4,500.00	\$5,760.00	\$5,760.00	(\$1,260.00)
604.9106	OUTLET CONTROL STRUCTURE	U	1.00	\$3,800.00	\$3,800.00	\$3,600.00	\$3,600.00	\$200.00
604.9107	OUTLET CONTROL STRUCTURE	U	1.00	\$5,000.00	\$5,000.00	\$3,600.00	\$3,600.00	\$1,400.00
604.9108	OUTLET CONTROL STRUCTURE	U	1.00	\$4,500.00	\$4,500.00	\$3,600.00	\$3,600.00	\$900.00
604.921	LEACHING CHAMBER TYPE 1	U	7.00	\$1,600.00	\$11,200.00	\$1,600.00	\$11,200.00	\$0.00
604.922	LEACHING CHAMBER TYPE 2	U	6.00	\$1,600.00	\$9,600.00	\$1,800.00	\$10,800.00	(\$1,200.00)
605.506	6" PERF. CORR. POLYETHYLENE PIPE UNDERDRAIN	LF	33,650.00	\$16.00	\$538,400.00	\$18.00	\$605,700.00	(\$67,300.00)
605.508	8" PERF. CORR. POLYETHYLENE PIPE UNDERDRAIN	LF	5,500.00	\$22.00	\$121,000.00	\$20.00	\$110,000.00	\$11,000.00
605.512	12" PERF. CORR. POLYETHYLENE PIPE UNDERDRAIN	LF	275.00	\$35.00	\$9,625.00	\$35.00	\$9,625.00	\$0.00

## A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No.	Description	Unit	Quantity	Unit Price	A-Bidder Total	Unit Price	PS&E Total	A-PS&E Difference
605.79	UNDERDRAIN FLUSHING BASINS	EA	101.00	\$270.00	\$27,270.00	\$350.00	\$35,350.00	(\$8,080.00)
605.82251	24" AGGRE. UND. TYPE 2 WITH 6" P.C. POLY. PIPE	LF	17,990.00	\$25.00	\$449,750.00	\$23.00	\$413,770.00	\$35,980.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	17.00	\$1,800.00	\$30,600.00	\$1,800.00	\$30,600.00	\$0.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	20.00	\$485.00	\$9,700.00	\$500.00	\$10,000.00	(\$300.00)
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	26,800.00	\$15.00	\$402,000.00	\$16.50	\$442,200.00	(\$40,200.00)
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	8,630.00	\$20.00	\$172,600.00	\$32.00	\$276,160.00	(\$103,560.00)
606.41731	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL WITH DRAINAGE SLOTS	LF	26,290.00	\$23.00	\$604,670.00	\$36.00	\$946,440.00	(\$341,770.00)
606.4174	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRACED	LF	1,450.00	\$25.00	\$36,250.00	\$100.00	\$145,000.00	(\$108,750.00)
606.91	RESETTING OR SETTING GUARDRAIL	LF	3,600.00	\$8.00	\$28,800.00	\$11.00	\$39,600.00	(\$10,800.00)
606.91254	RESETTING TERMINAL UNIT (TYPE 50' EAGRT)	U	3.00	\$500.00	\$1,500.00	\$750.00	\$2,250.00	(\$750.00)
606.9147	RESETTING TERMINAL UNIT (TYPE G-2)	U	3.00	\$400.00	\$1,200.00	\$250.00	\$750.00	\$450.00
606.93	TEMPORARY BEAM GUARDRAIL	LF	22,537.50	\$13.00	\$292,987.50	\$12.00	\$270,450.00	\$22,537.50
606.93254	TEMPORARY BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT 50FT)	U	7.00	\$1,800.00	\$12,600.00	\$1,850.00	\$12,950.00	(\$350.00)
606.9347	TEMPORARY BEAM GUARDRAIL (TERM. UNIT TYPE G-2)	U	5.00	\$500.00	\$2,500.00	\$750.00	\$3,750.00	(\$1,250.00)

## A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
606.9522	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 2	U	8.00	\$6,000.00	\$48,000.00	\$4,000.00	\$32,000.00	\$16,000.00
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	12.00	\$8,000.00	\$96,000.00	\$4,000.00	\$48,000.00	\$48,000.00
606.9612	TEMPORARY GUARDRAIL TO BARRIER TRANSITION, STEEL POST	U	5.00	\$3,000.00	\$15,000.00	\$2,000.00	\$10,000.00	\$5,000.00
606.9632	TEMPORARY BARRIER TO BRIDGE RAIL TRANSITION, STEEL POSTS	U	4.00	\$2,200.00	\$8,800.00	\$2,000.00	\$8,000.00	\$800.00
607.146	WOVEN WIRE FENCE 4'-6" HIGH	LF	10,950.00	\$5.00	\$54,750.00	\$8.00	\$87,600.00	(\$32,850.00)
607.250	CHAIN LINK FENCE WITH ALUMINUM COATED STEEL FABRIC, 5' HIGH	LF	16,100.00	\$20.00	\$322,000.00	\$12.50	\$201,250.00	\$120,750.00
607.360	CHAIN LINK FENCE WITH VINYL COATED STEEL FABRIC, 6' HIGH	LF	7,800.00	\$21.00	\$163,800.00	\$25.00	\$195,000.00	(\$31,200.00)
607.4146	POST ASSEMBLIES FOR WOVEN WIRE FENCE, 4'-6" HIGH	EA	31.00	\$190.00	\$5,890.00	\$200.00	\$6,200.00	(\$310.00)
607.4250	POST ASSEMBLIES FOR CHAIN LINK FENCE, 5' HIGH	EA	65.00	\$200.00	\$13,000.00	\$200.00	\$13,000.00	\$0.00
607.4360	POST ASSEMBLIES FOR CHAIN LINK FENCE WITH VINYL CTD STL FABRIC, 6' HIGH	EA	69.00	\$220.00	\$15,180.00	\$200.00	\$13,800.00	\$1,380.00
607.73618	18' OPENING DOUBLE GATE, CHAIN LINK VINYL COATED STEEL FABRIC, 6' HIGH	U	2.00	\$1,750.00	\$3,500.00	\$1,800.00	\$3,600.00	(\$100.00)
607.9918	BAR WAY, 18 FT.	U	2.00	\$3,800.00	\$7,600.00	\$1,600.00	\$3,200.00	\$4,400.00
608.28	8" CONCRETE SIDEWALK (F)	SY	35.00	\$45.00	\$1,575.00	\$55.00	\$1,925.00	(\$350.00)

# A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
609.01	STRAIGHT GRANITE CURB	LF	680.00	\$20.00	\$13,600.00	\$17.50	\$11,900.00	\$1,700.00
609.214	STRAIGHT GRANITE SLOPE CURB, 4" HIGH	LF	955.00	\$16.00	\$15,280.00	\$15.50	\$14,802.50	\$477.50
609.23	CURVED GRANITE SLOPE CURB	LF	5.00	\$100.00	\$500.00	\$70.00	\$350.00	\$150.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	27,600.00	\$3.50	\$96,600.00	\$5.00	\$138,000.00	(\$41,400.00)
611.8204	4 INCH DRY STANDPIPE (BRIDGE)	U	4.00	\$10,000.00	\$40,000.00	\$12,500.00	\$50,000.00	(\$10,000.00)
614.321	2" STEEL CONDUIT	LF	20.00	\$12.00	\$240.00	\$25.00	\$500.00	(\$260.00)
614.331	3" STEEL CONDUIT	LF	60.00	\$15.00	\$900.00	\$35.00	\$2,100.00	(\$1,200.00)
614.3429	4 INCH 2-DUCT STEEL CONDUIT (BRIDGE)	LF	460.00	\$75.00	\$34,500.00	\$54.00	\$24,840.00	\$9,660.00
614.512	CONCRETE PULL BOX 18"	EA	5.00	\$500.00	\$2,500.00	\$575.00	\$2,875.00	(\$375.00)
614.51821	CONCRETE FIBER OPTIC SPLICE VAULT 48"X48"X48"	U	13.00	\$4,000.00	\$52,000.00	\$2,800.00	\$36,400.00	\$15,600.00
614.51823	CONCRETE FIBER OPTIC SPLICE VAULT 48"X96"X48"	U	7.00	\$7,000.00	\$49,000.00	\$4,000.00	\$28,000.00	\$21,000.00
614.523	MOLDED PULL BOX 17"X30"	EA	10.00	\$450.00	\$4,500.00	\$450.00	\$4,500.00	\$0.00
614.72114	2" PVC CONDUIT, SCHEDULE 40	LF	490.00	\$6.00	\$2,940.00	\$10.00	\$4,900.00	(\$1,960.00)
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	1,450.00	\$8.00	\$11,600.00	\$12.50	\$18,125.00	(\$6,525.00)
614.73118	3" PVC CONDUIT, SCHEDULE 80	LF	150.00	\$12.00	\$1,800.00	\$15.00	\$2,250.00	(\$450.00)
614.74221	4" 2-DUCT HDPE CONDUIT, SDR 13.5	LF	17,000.00	\$20.00	\$340,000.00	\$20.00	\$340,000.00	\$0.00
615.01	TRAFFIC SIGN TYPE A (F)	SF	120.00	\$92.00	\$11,040.00	\$50.00	\$6,000.00	\$5,040.00
615.012	TRAFFIC SIGN TYPE A, BREAKAWAY MOUNTS (F)	SF	86.00	\$92.00	\$7,912.00	\$100.00	\$8,600.00	(\$688.00)
615.013	REMOVING TRAFFIC SIGN TYPE A	U	5.00	\$500.00	\$2,500.00	\$65.00	\$325.00	\$2,175.00
615.014	RELOCATING TRAFFIC SIGN TYPE A	U	4.00	\$2,500.00	\$10,000.00	\$2,000.00	\$8,000.00	\$2,000.00
615.02	TRAFFIC SIGN TYPE B (F)	SF	49.75	\$68.00	\$3,383.00	\$75.00	\$3,731.25	(\$348.25)

## A - PS&amp;E Comparison

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
615.024	RELOCATING TRAFFIC SIGN TYPE B	U	42.00	\$150.00	\$6,300.00	\$300.00	\$12,600.00	(\$6,300.00)
615.03	TRAFFIC SIGN TYPE C (F)	SF	24.00	\$76.00	\$1,824.00	\$41.00	\$984.00	\$840.00
615.032	TRAFFIC SIGN TYPE C, BREAKAWAY MOUNTS (F)	SF	144.00	\$125.00	\$18,000.00	\$125.00	\$18,000.00	\$0.00
615.04	TRAFFIC SIGN TYPE AA (F)	SF	444.75	\$20.00	\$8,895.00	\$18.00	\$8,005.50	\$889.50
615.044	RELOCATING TRAFFIC SIGN TYPE AA	U	2.00	\$750.00	\$1,500.00	\$450.00	\$900.00	\$600.00
615.20001	CANTILEVER TRAFFIC SIGN STRUCTURE	U	1.00	\$30,000.00	\$30,000.00	\$38,000.00	\$38,000.00	(\$8,000.00)
615.20002	CANTILEVER TRAFFIC SIGN STRUCTURE	U	1.00	\$42,000.00	\$42,000.00	\$38,000.00	\$38,000.00	\$4,000.00
615.20003	CANTILEVER TRAFFIC SIGN STRUCTURE	U	1.00	\$42,000.00	\$42,000.00	\$38,000.00	\$38,000.00	\$4,000.00
615.20004	CANTILEVER TRAFFIC SIGN STRUCTURE	U	1.00	\$40,000.00	\$40,000.00	\$38,000.00	\$38,000.00	\$2,000.00
615.20005	CANTILEVER TRAFFIC SIGN STRUCTURE	U	1.00	\$45,000.00	\$45,000.00	\$38,000.00	\$38,000.00	\$7,000.00
615.203	REMOVING CANTILEVER TRAFFIC SIGN STRUCTURE	U	1.00	\$4,500.00	\$4,500.00	\$10,000.00	\$10,000.00	(\$5,500.00)
616.4101	EMERGENCY PREEMPTION SYSTEM	U	1.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$0.00
616.4191	RELOCATE EMERGENCY PREEMPTION SYSTEM	U	1.00	\$9,500.00	\$9,500.00	\$30,000.00	\$30,000.00	(\$20,500.00)
618.6	UNIFORMED OFFICERS	\$	113,400.00	\$1.00	\$113,400.00	\$1.00	\$113,400.00	\$0.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	1,018,000.00	\$1.00	\$1,018,000.00	\$1.00	\$1,018,000.00	\$0.00
618.7	FLAGGERS	HR	4,700.00	\$23.00	\$108,100.00	\$25.00	\$117,500.00	(\$9,400.00)
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$200,000.00	\$200,000.00	\$250,000.00	\$250,000.00	(\$50,000.00)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$25,000.00	\$50,000.00	\$16,000.00	\$32,000.00	\$18,000.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	4.00	\$22,000.00	\$88,000.00	\$3,500.00	\$14,000.00	\$74,000.00
619.52	PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)	MON	28.00	\$1,500.00	\$42,000.00	\$2,000.00	\$56,000.00	(\$14,000.00)

## A - PS&amp;E Comparison

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	1.00	\$9,000.00	\$9,000.00	\$10,000.00	\$10,000.00	(\$1,000.00)
619.72	TOW VEHICLE	HR	1,507.00	\$125.00	\$188,375.00	\$100.00	\$150,700.00	\$37,675.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	297.00	\$5.00	\$1,485.00	\$5.00	\$1,485.00	\$0.00
621.31	SINGLE DELINEATOR WITH POST	EA	322.00	\$30.00	\$9,660.00	\$30.00	\$9,660.00	\$0.00
621.32	DOUBLE DELINEATOR WITH POST	EA	28.00	\$36.00	\$1,008.00	\$35.00	\$980.00	\$28.00
621.61	FIBER OPTIC DELINEATOR	EA	54.00	\$28.00	\$1,512.00	\$100.00	\$5,400.00	(\$3,888.00)
622.1	STEEL WITNESS MARKERS	EA	65.00	\$28.00	\$1,820.00	\$28.00	\$1,820.00	\$0.00
622.2	CONCRETE BOUNDS	EA	57.00	\$225.00	\$12,825.00	\$290.50	\$16,558.50	(\$3,733.50)
625.2	CONCRETE LIGHT POLE BASES, TYPE B	EA	2.00	\$800.00	\$1,600.00	\$950.00	\$1,900.00	(\$300.00)
625.62	RESET/RELOCATE LIGHT POLE	EA	2.00	\$1,500.00	\$3,000.00	\$525.00	\$1,050.00	\$1,950.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	2,550.00	\$1.00	\$2,550.00	\$2.00	\$5,100.00	(\$2,550.00)
631.024	MODULAR GLARE SCREEN	LF	1,410.00	\$23.00	\$32,430.00	\$35.00	\$49,350.00	(\$16,920.00)
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	6,600.00	\$0.15	\$990.00	\$0.12	\$792.00	\$198.00
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	652,000.00	\$0.17	\$110,840.00	\$0.15	\$97,800.00	\$13,040.00
632.0112	RETROREFLECTIVE PAINT PAVE. MARKING, 12" LINE	LF	5,300.00	\$0.32	\$1,696.00	\$0.40	\$2,120.00	(\$424.00)
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	1,500.00	\$1.00	\$1,500.00	\$1.00	\$1,500.00	\$0.00
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	5,450.00	\$1.65	\$8,992.50	\$1.50	\$8,175.00	\$817.50
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	216,000.00	\$0.25	\$54,000.00	\$0.35	\$75,600.00	(\$21,600.00)



## A - PS&E Comparison

Item No:	Description	Unit	A-Bidder		PS&E		A-PS&E Difference	
			Quantity	Unit Price	Total	Unit Price		Total
643.22	FERTILIZER FOR REFERTILIZATION	TON	27.00	\$950.00	\$25,650.00	\$950.00	\$25,650.00	\$0.00
644.62	WET BASIN/MEADOW SEED TYPE 62	LB	300.00	\$170.00	\$51,000.00	\$5.00	\$1,500.00	\$49,500.00
644.82	SALT-TOLERANT GRASS SEED, TYPE 82	LB	100.00	\$50.00	\$5,000.00	\$40.00	\$4,000.00	\$1,000.00
645.0001	TURBIDITY BARRIER	LF	350.00	\$8.00	\$2,800.00	\$20.00	\$7,000.00	(\$4,200.00)
645.119	MULCH WITH TACKIFIERS	A	50.00	\$900.00	\$45,000.00	\$1,000.00	\$50,000.00	(\$5,000.00)
645.3	EROSION STONE	TON	15,000.00	\$16.00	\$240,000.00	\$20.00	\$300,000.00	(\$60,000.00)
645.44	TEMPORARY SLOPE STABILIZATION TYPE D (WILDLIFE FRIENDLY)	SY	69,150.00	\$1.50	\$103,725.00	\$1.30	\$89,895.00	\$13,830.00
645.46	PERMANENT CHANNEL STABILIZATION TYPE B	SY	742.50	\$4.50	\$3,341.25	\$1.00	\$742.50	\$2,598.75
645.48	EROSION CONTROL MIX	CY	3,000.00	\$16.00	\$48,000.00	\$20.00	\$60,000.00	(\$12,000.00)
645.481	WOOD CHIPS FOR TEMPORARY EROSION CONTROL	CY	2,500.00	\$18.50	\$46,250.00	\$20.00	\$50,000.00	(\$3,750.00)
645.482	STUMP GRINDINGS FOR TEMPORARY EROSION CONTROL	CY	7,000.00	\$18.00	\$126,000.00	\$20.00	\$140,000.00	(\$14,000.00)
645.51	HAY BALES FOR TEMPORARY EROSION CONTROL	EA	1,000.00	\$7.50	\$7,500.00	\$8.00	\$8,000.00	(\$500.00)
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	5,000.00	\$4.00	\$20,000.00	\$3.75	\$18,750.00	\$1,250.00
645.52	RYEGRASS FOR TEMPORARY EROSION CONTROL	LB	1,500.00	\$3.50	\$5,250.00	\$2.00	\$3,000.00	\$2,250.00
645.531	SILT FENCE	LF	26,200.00	\$3.50	\$91,700.00	\$2.50	\$65,500.00	\$26,200.00
645.611	BONDED FIBER MATRIX (BFM)	LB	175,000.00	\$1.30	\$227,500.00	\$1.50	\$262,500.00	(\$35,000.00)
645.612	FIBER REINFORCED MATRIX	LB	16,750.00	\$1.43	\$23,952.50	\$1.50	\$25,125.00	(\$1,172.50)
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$41,000.00	\$41,000.00	\$40,000.00	\$40,000.00	\$1,000.00

## A - PS&amp;E Comparison

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	3,360.00	\$48.00	\$161,280.00	\$50.00	\$168,000.00	(\$6,720.00)
645.81	STORM WATER REMOVAL - TRUCKING	HR	100.00	\$110.00	\$11,000.00	\$100.00	\$10,000.00	\$1,000.00
645.8103	EROSION CONTROL - PUMP (300 GAL/MIN DISCHARGE CAPACITY)	UWK	150.00	\$500.00	\$75,000.00	\$1,000.00	\$150,000.00	(\$75,000.00)
645.8105	EROSION CONTROL - PUMP (500 GAL/MIN DISCHARGE CAPACITY)	UWK	200.00	\$800.00	\$160,000.00	\$1,200.00	\$240,000.00	(\$80,000.00)
645.8110	EROSION CONTROL - PUMP (1000 GAL/MIN DISCHARGE CAPACITY)	UWK	200.00	\$900.00	\$180,000.00	\$1,400.00	\$280,000.00	(\$100,000.00)
645.8203	EROSION CONTROL - PUMP (300 GAL/MIN DISCHARGE CAPACITY)	U	2.00	\$30,000.00	\$60,000.00	\$50,000.00	\$100,000.00	(\$40,000.00)
645.8205	EROSION CONTROL - PUMP (500 GAL/MIN DISCHARGE CAPACITY)	U	2.00	\$45,000.00	\$90,000.00	\$60,000.00	\$120,000.00	(\$30,000.00)
645.8210	EROSION CONTROL - PUMP (1000 GAL/MIN DISCHARGE CAPACITY)	U	3.00	\$75,000.00	\$225,000.00	\$120,000.00	\$360,000.00	(\$135,000.00)
645.85	FLOCCULANT TREATMENT SYSTEM	MON	70.00	\$5,000.00	\$350,000.00	\$12,000.00	\$840,000.00	(\$490,000.00)
645.851	WATER QUALITY MONITORING FOR CONSTRUCTION STORMWATER	HR	780.00	\$48.00	\$37,440.00	\$67.00	\$52,260.00	(\$14,820.00)
645.852	FLOCCULANT TREATMENT SYSTEM OPERATION	HR	1,170.00	\$35.00	\$40,950.00	\$50.00	\$58,500.00	(\$17,550.00)
646.2	TURF ESTABLISHMENT WITHOUT MULCH	A	80.00	\$1,075.00	\$86,000.00	\$1,200.00	\$96,000.00	(\$10,000.00)
647.1	HUMUS	CY	37,100.00	\$19.50	\$723,450.00	\$15.00	\$556,500.00	\$166,950.00
647.29	WETLAND HUMUS	CY	1,950.00	\$30.00	\$58,500.00	\$15.00	\$29,250.00	\$29,250.00
650.2	LANDSCAPING	U	1.00	\$8,000.00	\$8,000.00	\$5,250.00	\$5,250.00	\$2,750.00

**A - PS&E Comparison**

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
670.02	SEDIMENT SUMP MEASURING BLOCK	EA	7.00	\$350.00	\$2,450.00	\$300.00	\$2,100.00	\$350.00
670.04501	CONSTRUCT AND REMOVE DIVERSION	U	1.00	\$175,000.00	\$175,000.00	\$195,000.00	\$195,000.00	(\$20,000.00)
670.04502	CONSTRUCT AND REMOVE DIVERSION	U	1.00	\$75,000.00	\$75,000.00	\$95,000.00	\$95,000.00	(\$20,000.00)
670.04503	CONSTRUCT AND REMOVE DIVERSION	U	1.00	\$195,000.00	\$195,000.00	\$155,000.00	\$155,000.00	\$40,000.00
670.04601	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$17,000.00	\$17,000.00	\$15,000.00	\$15,000.00	\$2,000.00
670.04602	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$7,500.00	\$7,500.00	\$5,000.00	\$5,000.00	\$2,500.00
670.04603	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$220,000.00	\$220,000.00	\$235,000.00	\$235,000.00	(\$15,000.00)
670.04604	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$32,000.00	\$32,000.00	\$35,000.00	\$35,000.00	(\$3,000.00)
670.04605	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$155,000.00	\$155,000.00	\$155,000.00	\$155,000.00	\$0.00
670.04606	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$25,000.00	\$25,000.00	\$35,000.00	\$35,000.00	(\$10,000.00)
670.04607	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$55,000.00	\$55,000.00	\$100,000.00	\$100,000.00	(\$45,000.00)
670.04608	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$23,000.00	\$23,000.00	\$30,000.00	\$30,000.00	(\$7,000.00)
670.04609	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$44,000.00	\$44,000.00	\$50,000.00	\$50,000.00	(\$6,000.00)
670.04610	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$9,500.00	\$9,500.00	\$1,000.00	\$1,000.00	\$8,500.00
670.04611	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$12,500.00	\$12,500.00	\$1,000.00	\$1,000.00	\$11,500.00
670.104	TEMPORARY PORTABLE LIGHTING	U	7.00	\$18,000.00	\$126,000.00	\$12,000.00	\$84,000.00	\$42,000.00
670.91118	MOTORIZED CANTILEVERED SLIDING GATE, 18-FOOT OPENING	U	1.00	\$20,000.00	\$20,000.00	\$12,000.00	\$12,000.00	\$8,000.00



## A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
677.561	FIBER OPTIC PATCH PANEL (12-POSITION)	EA	4.00	\$1,000.00	\$4,000.00	\$1,000.00	\$4,000.00	\$0.00
677.5821	100 MBPS FIBER ETHERNET SWITCH	EA	4.00	\$5,000.00	\$20,000.00	\$4,000.00	\$16,000.00	\$4,000.00
677.6301	METER AND DISCONNECT PEDESTAL	U	1.00	\$5,000.00	\$5,000.00	\$1,800.00	\$1,800.00	\$3,200.00
677.6302	METER AND DISCONNECT PEDESTAL	U	1.00	\$5,000.00	\$5,000.00	\$3,600.00	\$3,600.00	\$1,400.00
677.6303	METER AND DISCONNECT PEDESTAL	U	1.00	\$5,000.00	\$5,000.00	\$4,000.00	\$4,000.00	\$1,000.00
677.64	UNINTERRUPTABLE POWER SUPPLY (UPS)	EA	2.00	\$7,500.00	\$15,000.00	\$10,000.00	\$20,000.00	(\$5,000.00)
677.9301	3-CONDUCTOR #0 AWG CABLE	LF	620.00	\$7.00	\$4,340.00	\$7.00	\$4,340.00	\$0.00
677.9306	3-CONDUCTOR #6 AWG CABLE	LF	100.00	\$2.50	\$250.00	\$2.50	\$250.00	\$0.00
677.9308	3-CONDUCTOR #8 AWG CABLE	LF	160.00	\$2.00	\$320.00	\$2.25	\$360.00	(\$40.00)
692	MOBILIZATION	U	1.00	\$4,000,000.00	\$4,000,000.00	\$2,100,000.00	\$2,100,000.00	\$1,900,000.00
693	ON-THE-JOB TRAINING OF UNSKILLED WORKERS	\$	2,400.00	\$1.00	\$2,400.00	\$1.00	\$2,400.00	\$0.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$2,500.00	\$2,500.00	\$6,000.00	\$6,000.00	(\$3,500.00)
697.41	CRITICAL PATH METHOD (CPM) ELECTRONIC SCHEDULE	U	1.00	\$7,500.00	\$7,500.00	\$45,000.00	\$45,000.00	(\$37,500.00)
698.11913	FIELD OFFICE (EQUIPMENT AND SUPPLIES)	MON	48.00	\$1,720.00	\$82,560.00	\$1,500.00	\$72,000.00	\$10,560.00
698.2	PHYSICAL TESTING LABORATORY	MON	48.00	\$1,000.00	\$48,000.00	\$1,000.00	\$48,000.00	\$0.00
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	500,000.00	\$1.00	\$500,000.00	\$1.00	\$500,000.00	\$0.00

# A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
1008.6	ALTERATIONS AND ADDITIONS AS NEEDED-DRINKING WATER RESOURCE PROTECTION	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$0.00
1008.8	ALTERATIONS AND ADDITIONS AS NEEDED - WINTER MAINTENANCE	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$0.00
1008.8502	ALT. AND ADD. AS NEEDED - WEIGH-IN-MOTION (WIM) QUARTZ SENSOR SYSTEM, NB	\$	72,260.00	\$1.00	\$72,260.00	\$1.00	\$72,260.00	\$0.00
1008.8503	ALT. AND ADD. AS NEEDED - WEIGH-IN-MOTION (WIM) QUARTZ SENSOR SYSTEM, SB	\$	77,660.00	\$1.00	\$77,660.00	\$1.00	\$77,660.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	250,000.00	\$1.00	\$250,000.00	\$1.00	\$250,000.00	\$0.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$0.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	427,350.00	\$1.00	\$427,350.00	\$1.00	\$427,350.00	\$0.00
1010.41	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	13,652.50	\$1.00	\$13,652.50	\$1.00	\$13,652.50	\$0.00
1010.42	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	13,217.50	\$1.00	\$13,217.50	\$1.00	\$13,217.50	\$0.00
1010.43	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	4,267.50	\$1.00	\$4,267.50	\$1.00	\$4,267.50	\$0.00
1010.44	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	7,014.00	\$1.00	\$7,014.00	\$1.00	\$7,014.00	\$0.00
					\$49,419,914.55		\$50,102,270.25	(\$682,355.70)



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
12/23/2015

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> THE ROWLEY AGENCY INC. 139 Loudon Road P.O. Box 511 Concord NH 03302-0511	<b>CONTACT NAME:</b> Christine Holman, CPCU, CIC <b>PHONE (A/C, No, Ext):</b> (603) 224-2562 <b>FAX (A/C, No):</b> (603) 224-8012 <b>E-MAIL ADDRESS:</b> cholman@rowleyagency.com
	<b>INSURER(S) AFFORDING COVERAGE</b> <b>INSURER A:</b> Travelers NAIC # 28188 <b>INSURER B:</b> Crum & Forster <b>INSURER C:</b> <b>INSURER D:</b> <b>INSURER E:</b> <b>INSURER F:</b>
<b>INSURED</b> R.S. Audley, Inc. 1113 Route 3-A Bow NH 03304	

**COVERAGES** CERTIFICATE NUMBER: 16-17 all lines REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<b>GENERAL LIABILITY</b> <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> CG0001 GENL AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC			VTNCO2398A78A-PHX-16	1/1/2016	1/1/2017	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
A	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS			VTOCAP2398A791-COF-16	1/1/2016	1/1/2017	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Medical payments \$ 2,000
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			VTSMJCUP2398A809-TIL-16	1/1/2016	1/1/2017	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000
A	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	3A States: NH, ME VTRKUB-2398A77-8-15	1/1/2016	1/1/2017	<input checked="" type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 500,000 E.L. DISEASE - EA EMPLOYEE \$ 500,000 E.L. DISEASE - POLICY LIMIT \$ 500,000
A	Leased/Rented			QT-660-3082B427-COF-15	1/1/2016	1/1/2017	Limit 750,000
B	Pollution			PKC100765	2/18/2016	2/18/2017	Per Claim/Aggregate 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)  
 Re: Salem to Manchester AC-A005(115), 14633B, reconstruction of I-93 Mainline (NB and SB) beginning in the vicinity of the weight stations in Windham and ending near the Kendall Pond Road Crossing in Derry. Certificate holder is included as an additional insured under general liability coverage for ongoing operations when required by written contract. \*exception: nonpayment of premium - 10 days

<b>CERTIFICATE HOLDER</b>  State of New Hampshire Department of Transportation PO Box 483 Concord, NH 03302-0483	<b>CANCELLATION</b>  SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE  C Holman, CPCU, CIC/C <i>Christine Holman</i>
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# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 12/23/2015
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THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> THE ROWLEY AGENCY INC. 139 Loudon Road P.O. Box 511 Concord NH 03302-0511	<b>CONTACT NAME:</b> Christine Holman, CPCU, CIC <b>PHONE (A/C No. Ext):</b> (603) 224-2562 <b>FAX (A/C No):</b> (603) 224-8012 <b>E-MAIL ADDRESS:</b> cholman@rowleyagency.com													
	<table border="1"> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> <tr> <td>INSURER A: Travelers</td> <td>28188</td> </tr> <tr> <td>INSURER B:</td> <td></td> </tr> <tr> <td>INSURER C:</td> <td></td> </tr> <tr> <td>INSURER D:</td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: Travelers	28188	INSURER B:		INSURER C:		INSURER D:		INSURER E:		INSURER F:
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<b>INSURED</b> State of New Hampshire, Dept of Transportation PO Box 483 Concord NH 03302-0483														

**COVERAGES**      **CERTIFICATE NUMBER:** OCP Salem to Manchester      **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input type="checkbox"/> GENERAL LIABILITY <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Owners Contractors <input type="checkbox"/> Protective GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC			OCP122315	12/23/2015	12/23/2016	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ 3,000,000 PRODUCTS - COMP/OP AGG \$ \$
	<input type="checkbox"/> AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED    RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
	<input type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below			N/A			WC STATU-TORY LIMITS    OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

**DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES** (Attach ACORD 101, Additional Remarks Schedule, if more space is required)  
 Salem to Manchester AC-A005(15), 14633B - reconstruction of I-93 (NB and SB) beginning in the vicinity of the weight stations in Windham and ending near the Kendall Pond Road Crossing in Derry

<b>CERTIFICATE HOLDER</b>  State of NH Dept of Transportation PO Box 483 Concord, NH 03302-0483	<b>CANCELLATION</b>  SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE  C Holman, CPCU, CIC/C <i>Christine Holman</i>
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