

STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION

JOHN O. MORTON BUILDING
CONTRACT SECTION

INVITATION FOR BIDS

7 HAZEN DRIVE
POST OFFICE BOX 483
CONCORD, NH 03302

Sealed proposals are to be received and deposited in the Bid Box in Room 112 (small conference room) at the John O. Morton Building, at the address above by 2:00 o'clock PM, Eastern Time, on **THURSDAY, SEPTEMBER 25, 2008** for the following project:

**PORTSMOUTH, NH – KITTERY, ME
BHF-T-0101(015), 13678**

**THIS PROJECT CONSISTS OF THE REHABILITATION OF THE MEMORIAL BRIDGE THAT CARRIES US 1 OVER THE
PISCATAQUA RIVER BETWEEN PORTSMOUTH, NH AND KITTERY ME
CERTIFIED CHECK/BID BOND: \$50,000.00**

A schedule of the minimum wages for all labor classifications as determined by the Secretary of Labor pursuant to Section 115 of the Federal Aid Highway Act of 1956 is included in the proposal. Unskilled labor may be hired from lists prepared by the NH Dept. of Employment Security designated in the proposal.

**BIDDERS SHOULD ACT PROMPTLY AND SUBMIT ALL QUESTIONS ON THE PROJECT TO ROBERT LANDRY AT (603) 271-2171 AT
LEAST FIVE (5) DAYS BEFORE THE HOUR AND DATE SET FOR THE BID OPENING**

Plans and specifications (**NOT FOR BIDDING PURPOSES**) may be seen at the at the Office of Const. Industries of MA, 1500 Providence Hwy., Suite 14, Norwood, MA; at the office of Assoc. General Contractors of NH, 48 Grandview Rd, Bow, NH; FW Dodge Corp. 880 Second Street., Manchester, NH, Construction Summary of NH, Inc., 734 Chestnut St., Manchester, NH, Const. Summary of ME, c/o Cross Insurance Bldg., 2331 Congress St., Portland, ME, Works in Progress, 20 Farrell Street, Suite 103, So. Burlington, VT, Minuteman Press, 109 Gosling Road, Newington, NH, Signature Press & Blueprinting, Inc., 45 Londonderry Turnpike, Hooksett, NH, Reed Const. Data, 225 Wyman St., Waltham, MA and Infinite Imaging. 30 International Drive, Suite 6, Portsmouth NH.

NH specifications and proposals forms, FOR BIDDING PURPOSES, shall only be obtained at the Contract Office of the Department of Transportation for SEVENTY DOLLARS (\$70.00) for Plans and specifications NON-REFUNDABLE. An additional TEN Dollars (\$10.00) will be charged for shipping fees NON-REFUNDABLE. Bidders must obtain a proposal form from the Department of Transportation to be eligible for bidding. Checks should be made payable to "Treasurer, State of New Hampshire". Send check with project name and No. to the Dept. of Transportation, c/o Finance & Contracts, P.O. Box 483 Hazen Drive, Concord, NH 03302.

Proposals must be completed in both words and figures on forms furnished by the Department, or on previously approved substantially-identical forms generated by computer software, which shall be submitted in a sealed envelope marked "Proposal for: **PORTSMOUTH, NH – KITTERY, ME BHF-T-0101(015), 13678**" and received by the Department of Transportation as specified above no later than the date and time mentioned above, at which time they will be publicly opened and read aloud. Proposals must be accompanied by a certified check or bid bond in the amount listed above, payable to, "Treasurer, State of New Hampshire," as security for the execution of the contract.

All individuals, firms, partnerships or corporations intending to bid, must file with the Dept. of Transportation on forms prepared for that purpose at least eight (8) days prior to opening of bids, a statement showing their qualifications. No valid bidding proposal will be issued to a prospective bidder **not** prequalified.

If contract price is \$25,000 or more, the successful bidder will be required to furnish a contract bond in the amount of One hundred (100) percent of their bid on forms furnished by the Department.

All bidders will be required to execute a sworn statement pursuant to Section 112(c) of Title 23 USC, certifying that he or she has not either directly or indirectly, entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in connection with such contract. Civil Rights Act of 1964, 78 Stat. 252, USC 2005d to 2005d-4 and Title 49, Code of Federal Regulations, Dept. of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-assisted programs of the Dept. of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color or national origin in consideration for an award.

The right is reserved to waive any informalities in or to reject any or all proposals.

JULY 29, 2008

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William J. Cass, P.E. Director of Project Development

STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION

INFORMATION REPORT

PROJECT: PORTSMOUTH, NH - KITTEERY, ME
BHF-T-0101(015), 13678

COUNTY AND CODE: ROCKINGHAM, NH 015
YORK, ME 008

DATE BIDS OPEN: September 9, 2008

SCOPE OF WORK: BRIDGE REHABILITATION

LOCATION: MEMORIAL BRIDGE THAT CARRIES
US 1 OVER THE PISCATAQUA
RIVER BETWEEN PORTSMOUTH, NH
AND KITTEERY ME
NOTE:
THIS PROJECT HAS A MANDATORY PRE BID MEETING
TO BE HELD ON WEDNESDAY AUGUST 13, 2008 IN ROOM
114 AT THE NH DEPARTMENT OF TRANSPORTATION

COMPLETION DATE: August 27, 2010

PROPOSAL GUARANTEE: 50,000.00

FEDERAL PARTICIPATION: 80%

ESTIMATED QUANTITIES

Memorial Bridge Rehabilitation (State Of N.H.)

Memorial Bridge Rehabilitation (State Of Maine)

ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
206.1	COMMON STRUCTURE EXCAVATION	CY	22.
206.2	ROCK STRUCTURE EXCAVATION	CY	6.
211.11	VIBRATION MONITORING SERVICES	HR	8.
304.3	CRUSHED GRAVEL (F)	CY	62.
502.1021	REMOVAL OF EXISTING BRIDGE STRUCTURE (LIFT SPAN & MACHINERY)	U	1.
502.1031	REMOVAL OF EXISTING BRIDGE STRUCTURE (FIXED SPANS & TOWERS)	U	1.
512.0101	PREPARATION FOR CONCRETE REPAIRS, CLASS I	SY	106.

512.0201	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	106.
520.01	CONCRETE CLASS AA	CY	5.
520.1	CONCRETE CLASS A	CY	35.
520.70027	CONCRETE BRIDGE DECK (LIGHTWEIGHT) (F)	CY	190.
520.7202	CONCRETE BRIDGE DECK (QC/QA) (F)	CY	635.
534.3	WATER REPELLENT (SILANE- SILOXANE)	GAL	45.
536.	STRUCTURAL CONCRETE CRACK REPAIR BY EPOXY INJECTION	LF	39.
536.11	EPOXY COATING FOR CONCRETE (F)	SF	2,762.
544.31	REINFORCING STEEL, EPOXY COATED (CONTRACTOR DETAILED)	LB	238,617.
547.1	SHEAR CONNECTORS (F)	EA	10,100.
547.21	SHEAR CONNECTORS - MECHANICAL (F)	EA	3,540.
548.22	ELASTOMERIC BEARING ASSEMBLIES (F)	EA	55.
550.1021	STRUCTURAL STEEL (LIFT SPAN REPLACEMENT - TRUSS) (F)	LB	700,600.
550.1022	STRUCTURAL STEEL (LIFT SPAN REPLACEMENT - FLOOR FRAMING) (F)	LB	394,628.
550.1031	STRUCTURAL STEEL (FIXED TRUSS SPAN REHAB. - TRUSS RETROFITS)	LB	103,600.
550.1032	STRUCTURAL STEEL (FIXED TRUSS SPAN REHAB. - FLOOR FRAMING RETROFITS)	LB	392,566.
550.1041	STRUCTURAL STEEL (TOWER REHABILITATION)	LB	309,500.
550.1051	STRUCTURAL STEEL (COUNTERWEIGHT RETROFIT)	LB	76,000.
550.1061	STRUCTURAL STEEL (FIXED TRUSS SPAN REHAB. - TEMPORARY STEEL)	LB	28,900.
550.1081	LEAD COUNTERWEIGHT BALANCE BLOCKS, RETROFITS	LB	713,944.
550.202	BRIDGE SHOES (F)	EA	4.
550.3	BRIDGE DRAINAGE SCUPPER (F)	EA	60.
555.31	STEEL GRID FLOOR (F)	SF	9,572.
556.101	PAINTING EXISTING STRUCTURAL STEEL (FIXED SPANS & TOWERS)	U	1.
556.201	CONTAINMENT AND ENVIRONMENTAL PROTECTION	U	1.

556.301	WORKER PROTECTION	U	1.
556.401	WASTE MANAGEMENT	U	1.
559.5	SILICONE JOINT SEALANT (F)	LF	227.
561.11001	PREFABRICATED EXPANSION JOINT, TYPE A (F)	LF	33.
561.11002	PREFABRICATED EXPANSION JOINT, TYPE A (F)	LF	33.
561.401	PREFABRICATED EXPANSION JOINT, ARMORED JOINT (PIERS 2 & 3) (F)	LF	65.
563.2208	BRIDGE RAIL T2 (GALV- POWDER-COAT) (F)	LF	1,802.
563.5208	BRIDGE PEDESTRIAN RAIL (GALV-POWDER-COAT) (F)	LF	1,802.
568.1	STRUCTURAL TIMBER, FENDER SYSTEM	MBM	17.
569.24	COMPOSITE LUMBER PLANKING, 2" X 4"	LF	3,382.
569.26	COMPOSITE LUMBER PLANKING, 2" X 6"	LF	602.
569.28	COMPOSITE LUMBER PLANKING, 2" X 8"	LF	602.
569.36	COMPOSITE LUMBER PLANKING, 3" X 6"	LF	1,202.
569.38	COMPOSITE LUMBER PLANKING, 3" X 8"	LF	21,752.
571.2	POINTING STONE MASONRY	LF	10.
670.063	REFURBISH HISTORIC OVER- HEAD BRIDGE PLAQUE (PLQ. 1) AND SCULPTURE	U	1.
670.064	REFURBISH HISTORIC PLAQUES (PLAQ'S 2,3,4&5)	EA	3.
692.	MOBILIZATION	U	.94
801.1	OPERATING MACHINERY	U	1.
801.2	COUNTERWEIGHT SHEAVE ASSEMBLIES	U	1.
801.3	WIRE ROPE ASSEMBLIES AND ATTACHMENTS	U	1.
802.	MACHINERY HOUSE AND TOWER HOISTS	U	1.
803.1	SPAN GUIDES	U	1.
803.2	COUNTERWEIGHT GUIDES	U	1.
804.1	WATER PIPING ON BRIDGE	LF	350.
804.2	SEWER PIPING ON BRIDGE	LF	350.
804.3	GAS PIPING ON BRIDGE	LF	50.
805.1	UNDERGROUND SEWER PIPING	LF	270.
805.2	UNDERGROUND WATER PIPING	LF	150.
806.	CONTROL HOUSE WATER AND SEWER	U	1.
807.	HVAC	U	1.
808.	MECHANICAL OPERATION AND MAINTENANCE MANUALS, LUBR. CHART AND TRAINING	U	1.
811.1	RACEWAY AND WIRING	U	1.

812.1	BRIDGE ELECTRICAL UTILITIES	U	1.
813.1	STANDBY GENERATOR	U	1.
814.1	ROADWAY LIGHTING	U	.75
815.1	TRAFFIC SIGNAL ASSEMBLIES	U	1.
816.1	PEDESTRIAN SIGNAL ASSEMBLIES	U	1.
818.1	WARNING GATES	U	1.
819.1	BARRIER GATES	U	1.
820.1	PEDESTRIAN GATES	U	1.
821.1	NAVIGATION AIDS	U	1.
822.1	HOUSE AND BRIDGE ELECTRICAL	U	1.
823.1	CCTV SYSTEM	U	1.
824.1	BRIDGE CONTROL SYSTEM	U	1.
825.1	DROOP CABLE SYSTEMS	U	1.
826.1	LIGHTNING PROTECTION SYSTEM	U	1.
895.1	CONTROL, MACHINERY, GATE AND STORAGE HOUSES	U	1.
895.2	EXTERIOR STAIRS AND WALKWAYS	U	1.
895.3	SECURITY GATES / FENCING	U	1.
1002.12	REPAIRS OR REPLACEMENTS AS NEEDED (MEMORIAL BRIDGE)		AS SHOWN IN PROPOSAL
1010.42	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE		AS SHOWN IN PROPOSAL
1010.5	EARLY COMPLETION INCENTIVE		AS SHOWN IN PROPOSAL

Roadway Work Memorial Bridge (State Of N.H.)

ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	158.
202.7	REMOVAL OF GUARDRAIL (F)	LF	352.
203.1	COMMON EXCAVATION	CY	295.
203.2	ROCK EXCAVATION	CY	3.
203.35	HANDLING EXCAVATED, CONTAMINATED SOILS	CY	30.
206.2	ROCK STRUCTURE EXCAVATION	CY	9.
304.2	GRAVEL (F)	CY	165.
304.3	CRUSHED GRAVEL (F)	CY	177.
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	90.
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	2.

583.4	RIPRAP D	CY	9.
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	23.
603.00215	15" R.C. PIPE, 2000D	LF	59.
604.0007	POLYETHYLENE LINER	EA	1.
604.12	CATCH BASINS TYPE B	U	1.
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	740.
606.9522	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 2	U	2.
607.6859	CHAIN LINK FENCE WITH BLACK VINYL-COATED STEEL FABRIC, 8 FEET HIGH	LF	170.
607.689	POST ASSEMBLIES FOR CHAIN LINK FENCE, 8 FT. HIGH	EA	17.
607.71489	14 FT. CHAIN LINK GATES WITH BLACK VINYL-COATED STEEL FABRIC, 8 FEET HIGH	EA	1.
608.24	4" CONCRETE SIDEWALK (F)	SY	140.
608.52	TRUNCATED DOME PAVERS (DETECTABLE WARNING PAVERS ONLY)	EA	1.
609.01	STRAIGHT GRANITE CURB	LF	100.
609.02	CURVED GRANITE CURB	LF	5.
609.5	RESET GRANITE CURB	LF	20.
614.331	3" STEEL CONDUIT	LF	40.
614.351	5" STEEL CONDUIT	LF	50.
614.523	MOLDED PULL BOX 17"X30"	EA	1.
614.91	INSTALL ELECTRIC, CABLE-TV AND TELEPHONE SYSTEMS	U	1.
615.03	TRAFFIC SIGN TYPE C (F)	SF	13.
615.06	TRAFFIC SIGN TYPE CC (F)	SF	18.
618.61	UNIFORMED OFFICERS WITH VEHICLE		
			AS SHOWN IN PROPOSAL
618.7	FLAGGERS	HR	1,974.
619.1	MAINTENANCE OF TRAFFIC	U	.94
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	105.
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	16,430.
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	26.
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	.1
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	35.
670.42	CONCRETE FILLED BOLLARDS	EA	2.
670.5	TEMPORARY SHUTTLE SERVICE	HR	3,125.

693.	ON-THE-JOB TRAINING OF UNSKILLED WORKERS		AS SHOWN IN PROPOSAL
698.11	FIELD OFFICE TYPE A	MON	22.5
698.2	PHYSICAL TESTING LABORATORY	MON	22.5
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL		AS SHOWN IN PROPOSAL
1008.15	ALTERATIONS AND ADDITIONS AS NEEDED - HISTORIC SIGNS		AS SHOWN IN PROPOSAL
1009.1	PROJECT HEALTH AND SAFETY PLAN		AS SHOWN IN PROPOSAL
1010.15	FUEL ADJUSTMENT		AS SHOWN IN PROPOSAL

Kittery Approach Spans Rehab. (State Of Maine)

ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	48.
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	1.
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE (F)	TON	15.
502.1041	REMOVAL OF EXISTING BRIDGE STRUCTURE (KITTERY APPROACH SPANS)	U	1.
511.	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	267.
511.02	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	67.
512.0101	PREPARATION FOR CONCRETE REPAIRS, CLASS I	SY	21.
512.0201	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	21.
520.01	CONCRETE CLASS AA	CY	28.
520.3	POLYMER-MODIFIED FAST SETTING CONCRETE PATCH	CY	3.
534.3	WATER REPELLENT (SILANE- SILOXANE)	GAL	22.
536.	STRUCTURAL CONCRETE CRACK REPAIR BY EPOXY INJECTION	LF	8.
536.11	EPOXY COATING FOR CONCRETE (F)	SF	579.

538.6	BARRIER MEMBRANE, WELDED BY TORCH, MACHINE METHOD (F)	SY	269.
544.31	REINFORCING STEEL, EPOXY COATED (CONTRACTOR DETAILED)	LB	1,759.
550.1071	STRUCTURAL STEEL (KITTERY APPROACH SPANS REHABILITATION)	LB	63,000.
550.1072	STRUCTURAL STEEL (KITTERY APPROACH SPANS FLOORBEAM REHAB.)	U	1.
550.203	BRIDGE SHOES (F)	EA	6.
556.102	PAINTING EXISTING STRUCTURAL STEEL (KITTERY APPROACH SPANS)	U	1.
556.202	CONTAINMENT AND ENVIRONMENTAL PROTECTION	U	1.
556.302	WORKER PROTECTION	U	1.
556.402	WASTE MANAGEMENT	U	1.
559.5	SILICONE JOINT SEALANT (F)	LF	90.
561.11003	PREFABRICATED EXPANSION JOINT, TYPE A (F)	LF	30.
563.5208	BRIDGE PEDESTRIAN RAIL (GALV-POWDER-COAT) (F)	LF	602.
569.24	COMPOSITE LUMBER PLANKING, 2" X 4"	LF	602.
569.36	COMPOSITE LUMBER PLANKING, 3" X 6"	LF	1,204.
569.38	COMPOSITE LUMBER PLANKING, 3" X 8"	LF	7,557.
571.2	POINTING STONE MASONRY	LF	26.
692.	MOBILIZATION	U	.01
814.1	ROADWAY LIGHTING	U	.25
1002.13	REPAIRS OR REPLACEMENTS AS NEEDED (KITTERY APPROACH SPANS)		AS SHOWN IN PROPOSAL

Roadway Work Kittery Approach (State Of Maine)

ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
615.03	TRAFFIC SIGN TYPE C (F)	SF	10.
618.61	UNIFORMED OFFICERS WITH VEHICLE		AS SHOWN IN PROPOSAL
618.7	FLAGGERS	HR	21.
619.1	MAINTENANCE OF TRAFFIC	U	.01
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	2,490.
698.11	FIELD OFFICE TYPE A	MON	.3

698.2	PHYSICAL TESTING LABORATORY	MON	.3
1009.1	PROJECT HEALTH AND SAFETY PLAN		AS SHOWN IN PROPOSAL
1010.15	FUEL ADJUSTMENT		AS SHOWN IN PROPOSAL

Scott Avenue Bridge Replacement

ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
203.35	HANDLING EXCAVATED, CONTAMINATED SOILS	CY	1,375.
209.2	GRANULAR BACKFILL (BRIDGE)	CY	1,250.
211.11	VIBRATION MONITORING SERVICES	HR	40.
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	48.
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE (F)	TON	32.
502.101	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.
504.101	COMMON BRIDGE EXCAVATION	CY	1,375.
504.201	ROCK BRIDGE EXCAVATION (F)	CY	200.
508.	STRUCTURAL FILL	CY	190.
510.1	PILE DRIVING EQUIPMENT	U	1.
510.11	MOBILIZATION & DEMOBILIZATION OF PREBORING EQUIPMENT	U	1.
510.602	PREBORING THROUGH SOIL FOR STEEL BEARING PILES	LF	672.
510.61	FURNISHING & DRIVING STEEL BEARING PILES	LB	84,730.
510.65	DRIVING-POINTS FOR STEEL BEARING PILES	EA	28.
520.01027	CONCRETE CLASS AA (QC/QA) (PRECAST OPTION) (F)	CY	104.
520.03027	CONCRETE CLASS AA, APPROACH SLABS (QC/QA) (PRECAST OPTION) (F)	CY	47.
520.12007	CONCRETE CLASS A, ABOVE FOOTINGS (PRECAST OPTION) (F)	CY	49.
520.21307	CONCRETE CLASS B, FOOTINGS (ON SOIL) (PRECAST OPTION) (F)	CY	66.

520.71026	CONCRETE BRIDGE DECK (QC/QA) (PANEL OPTION) (F)	CY	287.
534.3	WATER REPELLENT (SILANE- SILOXANE)	GAL	88.
536.11	EPOXY COATING FOR CONCRETE (F)	SF	238.
538.2	BARRIER MEMBRANE, VERTICAL SURFACES (F)	SY	18.
538.6	BARRIER MEMBRANE, WELDED BY TORCH, MACHINE METHOD (F)	SY	534.
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	122.
544.	REINFORCING STEEL (F)	LB	6,685.
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	102,825.
547.1	SHEAR CONNECTORS (F)	EA	2,408.
548.21	ELASTOMERIC BEARING ASSEMBLIES (F)	EA	14.
550.101	STRUCTURAL STEEL (F)	LB	199,500.
550.201	BRIDGE SHOES (F)	EA	7.
559.4	ELASTOMERIC PLUG TYPE EXPANSION JOINT (F)	LF	54.
559.5	SILICONE JOINT SEALANT (F)	LF	65.
563.2438	BRIDGE RAIL T4 (GALV-POWDER-COAT) WITH SNOW SCREENING (F)	LF	259.
564.1	BRIDGE LIGHTING SYSTEM	U	1.
565.2408	BRIDGE APPROACH RAIL T4	LF	59.
582.1	SLOPE PAVING WITH CONCRETE (F)	SY	95.
592.1	MECHANICALLY STABILIZED EARTH RETAINING WALL	SF	1,741.
692.	MOBILIZATION	U	.05
814.2	ROADWAY LIGHTING	U	1.
1002.11	REPAIRS AND REPLACEMENTS AS NEEDED (SCOTT AVENUE BRIDGE)	AS SHOWN IN PROPOSAL	
1010.41	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	AS SHOWN IN PROPOSAL	

Roadway Work Scott Avenue Approach

ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	102.
202.5	REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES	EA	3.
202.7	REMOVAL OF GUARDRAIL (F)	LF	73.
202.8	REMOVAL OF FENCE	LF	100.
203.1	COMMON EXCAVATION	CY	1,605.
203.2	ROCK EXCAVATION	CY	30.
203.35	HANDLING EXCAVATED, CONTAMINATED SOILS	CY	2,320.
203.5555	GUARDRAIL 25'EAGRT PLATFORM	U	2.
203.6	EMBANKMENT-IN-PLACE (F)	CY	250.
206.1	COMMON STRUCTURE EXCAVATION	CY	11.
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	15.
211.11	VIBRATION MONITORING SERVICES	HR	40.
214.	FINE GRADING	U	1.
304.1	SAND (F)	CY	230.
304.2	GRAVEL (F)	CY	505.
304.3	CRUSHED GRAVEL (F)	CY	783.
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	1,010.
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	48.
403.6	PAVEMENT JOINT ADHESIVE	LF	3,500.
417.	COLD PLANING BITUMINOUS SURFACES	SY	5,500.
520.1	CONCRETE CLASS A	CY	2.
544.1	REINFORCING STEEL (ROADWAY)	LB	14.
570.9	RESETTING MASONRY WALL	CY	5.
603.00212	12" R.C. PIPE, 2000D	LF	39.
603.00215	15" R.C. PIPE, 2000D	LF	161.
603.00218	18" R.C. PIPE, 2000D	LF	320.
604.0007	POLYETHYLENE LINER	EA	11.
604.12	CATCH BASINS TYPE B	U	12.
604.125	CATCH BASINS TYPE B, 5-FOOT DIAMETER	U	2.
604.32	DRAINAGE MANHOLES	U	5.
606.1409	BEAM GUARDRAIL (STANDARD SECTION - WOOD POST) (GALV-PAINTED)	LF	175.
606.14559	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT 25 FT) (GALV-PAINTED)	U	2.

607.9	RESETTING RAILING AND FENCING	LF	20.
608.12	2" BITUMINOUS SIDEWALK (F)	SY	280.
608.24	4" CONCRETE SIDEWALK (F)	SY	130.
608.26	6" CONCRETE SIDEWALK (F)	SY	3.
608.41	BRICK SIDEWALK	SY	290.
608.52	TRUNCATED DOME PAVERS (DETECTABLE WARNING PAVERS ONLY)	EA	14.
609.01	STRAIGHT GRANITE CURB	LF	1,400.
609.02	CURVED GRANITE CURB	LF	55.
609.216	STRAIGHT GRANITE SLOPE CURB 6" HIGH	LF	340.
609.226	STRAIGHT GRANITE SLOPE CURB WITH RADIAL JOINTS, 6" HIGH	LF	125.
609.5	RESET GRANITE CURB	LF	475.
613.42	STORMWATER TREATMENT SYSTEM (LEVEL 2)	U	1.
615.03	TRAFFIC SIGN TYPE C (F)	SF	87.
615.033	REMOVING TRAFFIC SIGN TYPE C	U	5.
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	2.
615.06	TRAFFIC SIGN TYPE CC (F)	SF	32.
618.61	UNIFORMED OFFICERS WITH VEHICLE		AS SHOWN IN PROPOSAL
618.7	FLAGGERS	HR	105.
619.1	MAINTENANCE OF TRAFFIC	U	.05
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	7.
628.2	SAWED BITUMINOUS PAVEMENT	LF	320.
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	6,480.
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	16.
632.3124	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 24" LINE	LF	600.
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	180.
641.	LOAM	CY	100.
643.22	FERTILIZER FOR REFERTIL- IZATION	TON	1.
645.531	SILT FENCE	LF	400.
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	.9
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	315.
646.512	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND LOAM (F)	SY	725.

648.	SOD	SY	550.
650.2	LANDSCAPING	U	1.
670.064	REFURBISH HISTORIC PLAQUES (PLAQ'S 2,3,4&5)	EA	1.
670.065	REMOVE/REINSTALL GRANITE PLINTH	EA	1.
698.11	FIELD OFFICE TYPE A	MON	1.2
698.2	PHYSICAL TESTING LABORATORY	MON	1.2
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL		AS SHOWN IN PROPOSAL
1009.1	PROJECT HEALTH AND SAFETY PLAN		AS SHOWN IN PROPOSAL
1009.2	TREATMENT OR DISPOSAL OF CONTAMINATED SOIL/GROUNDWATER		AS SHOWN IN PROPOSAL
1010.15	FUEL ADJUSTMENT		AS SHOWN IN PROPOSAL
1010.2	ASPHALT CEMENT ADJUSTMENT		AS SHOWN IN PROPOSAL