



STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION
PO BOX 778
DOVER, DELAWARE 19903

JACK MARKELL
GOVERNOR

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SECRETARY

VIA FACSIMILE

(302) 760-2030
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March 8, 2012

Contract No. T201107805.02
Federal Aid Project No. EBHN-2011(7)
STRUCTURE MAINTENANCE, CENTRAL DISTRICT, FY 2012, 2013, 2014
Kent County

Ladies and Gentlemen:

Enclosed is Addendum No. 1 for the referenced contract consisting of the following:

1. Five (5) sheets, Construction Plans, sheets 19 through 23, new, to be added to the Plan Set.

Questions and Answers:

1. Please provide information for bid item 220, INSTALLING PIPE LINER. Need location, size, etc.

Addressed in Addendum No. 1.

Please note the revisions listed above and submit your bid based upon this information.

Sincerely,

A handwritten signature in black ink, appearing to read "Scott S. Gottfried", is written over a circular embossed seal.

Scott S. Gottfried
Competitively Bid Contracts Coordinator
:ssg
Enclosures

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CONTRACT T201107805

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CENTRAL
MAINTENANCE

STRUCTURE MAINTENANCE, CENTRAL DISTRICT, FY 2012, 2013, 2014

LOCATION 4 356(OPEN-END STRUCTURE MAINTENANCE) FROM TO

COMMENTS:

Description of Work:

1. Epoxy inject any cracks 1/8" and wider or cracks showing rust staining on the substructure (602611).
2. Patch spalls/delaminations. Use (602572) for shallow spall repairs, less than 1 1/2" deep, use (602586) for deep spall repairs, 1 1/2" to 3 1/2" deep, and use (602001 & 602580) for spall repair deeper than 3 1/2".
3. Clean and paint abutment and backwall (602646).
4. Replace silicone joint seals as directed by the Engineer (605692).
5. Reseal between abutment and concrete slope paving as directed by the engineer (503502?).
6. Patch spalls in the concrete deck (602734). Seal cracks in the concrete bridge deck (602629).
7. Replace strip seal joint at West abutment.
 - a. Saw cut deck 18" back from joint and remove
8. Locations are to be determined in field.

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CENTRAL
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STRUCTURE MAINTENANCE, CENTRAL DISTRICT, FY 2012, 2013, 2014

LOCATION 5

8(BRIDGE 2-008D (US113 OVER SWAN CREEK, MILFORD)) FROM TO

LENGTH m L.F.

GENERAL IMPROVEMENTS

PIPE LINER UNIT PRICE CHANGED

COMMENTS:

Please see attached sheets for comments

MATERIAL ESTIMATE FOR LOCATION 5

265500 STREAM DIVERSION

1.00 L.S.

612548 INSTALLING PIPE LINER

725.00 L.F.

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CENTRAL
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STRUCTURE MAINTENANCE, CENTRAL DISTRICT, FY 2012, 2013, 2014

LOCATION 5 8(BRIDGE 2-008D (US113 OVER SWAN CREEK, MILFORD)) FROM TO

COMMENTS:

Description of Work:

1. Line deteriorated concrete pipe with a cure in place pipe that is structural and has a 100 year design life. Pipe liner is to be in direct contact with the host pipe and require no grouting, the intent is to preserve the hydraulic capacity of the bridge. Insituform or approved equal.
2. This location has a time of year restriction if the stream diversion ends up being more than just directing the water through one of the five existing pipes. A more involved diversion would necessitate a time of year restriction of April 15 to June 30.
3. Pipe size is to be field verified by contractor.

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**CENTRAL
MAINTENANCE**

STRUCTURE MAINTENANCE, CENTRAL DISTRICT, FY 2012, 2013, 2014

CONTRACT QUANTITIES SUMMARY SHEET

207000	EXCAVATION AND BACKFILL FOR STRUCTURES	12.00 C.Y.
209003	BORROW, TYPE C	12.00 C.Y.
265500	STREAM DIVERSION	1.00 L.S.
302007	GRADED AGGREGATE BASE COURSE, TYPE B	8.00 C.Y.
302011	DELAWARE NO. 3 STONE	2.00 TON
401665	SUPERPAVE, TYPE C HOT-MIX, 160 GYRATIONS, PG 64-22, PATCHING	38.00 TON
503501	CRACK AND JOINT SEALING LESS THAN 3/4" WIDE	104.00 L.F.
503502	CRACK AND JOINT SEALING 3/4" TO 1 3/4" WIDE	240.00 L.F.
602001	PORTLAND CEMENT CONCRETE MASONRY, CLASS A	45.00 C.Y.
602547	WATERPROOFING BRIDGE DECKS, SIDEWALKS ETC.	2,090.00 S.F.
602572	REPAIRING EXISTING P.C.C. STRUCTURES	250.00 LB
602579	DRILLING HOLES AND INSTALLING DOWELS	76.00 EACH
602580	PARTIAL REMOVAL OF P.C.C. MASONRY	4.00 C.Y.
602586	REHABILITATION OF CONCRETE STRUCTURE	127.00 C.F.
602611	REPAIR OF CONCRETE STRUCTURES BY EPOXY INJECTION	1,078.00 L.F.
602629	CRACK SEALING BRIDGE DECKS, APPROACH SLABS, SIDEWALK, ETC.	2,000.00 L.F.
602646	SILICONE ACRYLIC CONCRETE SEALER	1,200.00 S.F.
602734	BRIDGE DECK PATCHING, POLYESTER POLYMER CONCRETE	25.00 SY-IN
603000	BAR REINFORCEMENT	1,000.00 LB
605692	SILICONE JOINT SEAL	204.00 L.F.
606509	REPAIRING METAL BRIDGE RAILING, ALUMINUM	10.00 L.F.
612548	INSTALLING PIPE LINER	725.00 L.F.
712020	RIPRAP, R-4	2.00 TON
712023	RIPRAP, R-7	165.00 TON
720567	FURNISH AND MAINTAIN PORTABLE P.C.C. SAFETY BARRIER	100.00 L.F.
743051	** FLAGGER, KENT COUNTY, STATE	360.00 HOUR
743063	** FLAGGER, KENT COUNTY, STATE, OVERTIME	90.00 HOUR
748506	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, 4"	200.00 L.F.

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STRUCTURE MAINTENANCE, CENTRAL DISTRICT, FY 2012, 2013, 2014

CONTRACT QUANTITIES SUMMARY SHEET

760006	PAVEMENT - MILLING, HOT-MIX, 2" DEPTH	650.00 S.Y.
762001	SAW CUTTING, HOT MIX	175.00 L.F.
763000	INITIAL EXPENSE	LUMP SUM
763643	MAINTENANCE OF TRAFFIC, ALL INCLUSIVE	LUMP SUM

* DENOTES FIXED QUANTITY ITEM

** DENOTES FIXED PRICE ITEM