

STATE OF DELAWARE



DEPARTMENT OF TRANSPORTATION
MAINTENANCE SUPPORT – SOUTH DISTRICT
PLANS AND SPECIFICATIONS FOR:

CONTRACT NO: T201507604 P6: 14-99997
FEDERAL AID NO: EBHN-2015(09)
CONTRACT TITLE: STRUCTURE MAINTENANCE,
OPEN END, SOUTH, 2015, 2016, 2017

PLANS PREPARED BY: TIM W. PHILLIPS (DESIGN TECHNICIAN)

PLANS REVIEWED BY: P. [Signature] DATE: 12/18/14
MAINT. SUPPORT SUPERVISOR

DATE RECOMMENDED: <u>12.18.14</u> ASSISTANT MAINT. ENGINEER: <u>Jason McCluskey</u>	
DATE RECOMMENDED: <u>12-18-14</u> MAINTENANCE ENGINEER: <u>[Signature]</u>	
DATE RECOMMENDED: <u>12/18/14</u> SOUTH DISTRICT ENGINEER: <u>Jeffrey S. Reed</u>	

DEPARTMENT OF TRANSPORTATION

CONTRACT T201507604
FED AID NO EBHN-2015(09)
SOUTH DISTRICT

PAGE 2 OF 16

STRUCTURE MAINTENANCE, OPEN END, SOUTH, 2015, 2016, 2017

CONTRACT DESCRIPTION

THE PURPOSE OF THIS CONTRACT IS TO INITIATE REPAIRS AND PREVENTATIVE MAINTENANCE TO BRIDGES AND CULVERTS. WORK SHALL INCLUDE BUT NOT BE LIMITED TO CRACK SEALING DECKS, HOT-MIX REPAIR, COATING PARAPETS AND SIDEWALKS, EXPANSION JOINT REPLACEMENT, RIPRAP PLACEMENT, AND CONCRETE REPAIR. SOME WORK MAY BE IN THE CHANNEL INCLUDING BUT NOT LIMITED TO PLACING RIPRAP, INSTALLING SANDBAG DIKE DIVERSIONS AND CHANNEL EXCAVATION. ALL WORK SHALL BE DONE AS DIRECTED BY THE ENGINEER ON INDIVIDUAL WORK ORDERS. THERE MAY BE PEAK HOUR RESTRICTIONS FOR SOME LOCATIONS, WHICH WILL BE ADDRESSED AT THE ISSUANCE OF THE WORK ORDER. IN THE EVENT THAT A LOCATION REQUIRES NIGHT WORK, THE ASSOCIATED ITEMS WILL BE NEGOTIATED SEPARATELY.

NO SPECIFIC WORK LOCATIONS ARE LISTED HEREIN. WORK LOCATIONS WILL BE ASSIGNED AS AVAILABLE BY THE SOUTH DISTRICT MAINTENANCE SUPPORT OFFICE.

1. THE DELDOT PROJECT MANAGER IS RESPONSIBLE FOR ENSURING ANY REQUIRED DOCUMENTS AND ANALYSIS AS PART OF THE ADOPTED WORK ZONE SAFETY AND MOBILITY PROCEDURES AND GUIDELINES HAS BEEN COMPLETED PRIOR TO ANY WORK STARTING ON THIS CONTRACT.
2. NO WORK NEAR OR WITHIN RAILROAD RIGHT-OF-WAY IS ANTICIPATED. IF ANY RAILROAD PROPERTY OR FACILITIES ARE NEAR OR WITHIN THE PROPOSED LIMITS OF WORK OR IF THE PROPOSED WORK ENCROACHES UPON THE RAILROAD'S RIGHT-OF-WAY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE REQUIRED CLEARANCES AND INSURANCES FOR EACH INVOLVED RAILROAD IN ACCORDANCE WITH THE APPROPRIATE DELDOT MAINTENANCE OF RAILROAD TRAFFIC ITEM. DELDOT'S RAILROAD SECTION MANAGER MUST BE CONTACTED AT (302) 760-2183 TO COORDINATE THE EXECUTION OF THE APPROPRIATE AGREEMENTS AND AUTHORIZATIONS REQUIRED FROM ANY RAILROAD COMPANY INVOLVED, INCLUDING COORDINATION FOR RAILROAD FLAGGING, IF NECESSARY.
3. IT IS ANTICIPATED THAT ALL WORK WILL OCCUR WITHIN DELDOT'S EXISTING RIGHT OF WAY OR EASEMENT AREAS. SHOULD THE NEED OCCUR TO TRESPASS ONTO PRIVATE PROPERTY; IT WILL BE THE RESPONSIBILITY OF THE DELDOT PROJECT MANAGER TO SECURE SUCH TRESPASS NEEDS PRIOR TO SUCH WORK.
4. IT IS ANTICIPATED THAT SOME LOCATIONS WILL REQUIRE ENVIRONMENTAL PERMITS. IT WILL BE THE RESPONSIBILITY OF THE DELDOT PROJECT MANAGER TO CONTACT THE ENVIRONMENTAL SECTION PRIOR TO ISSUING WORK TO OBTAIN NECESSARY PERMITS.
5. NO UTILITY RELOCATION IS ANTICIPATED. SHOULD ANY CONFLICTS BE ENCOUNTERED DURING CONSTRUCTION REQUIRING ADJUSTMENT AND/OR RELOCATION OF THE AGENCIES' EXISTING FACILITIES, THE NECESSARY RELOCATION WORK SHALL BE ACCOMPLISHED BY THE RESPECTIVE AGENCIES' FORCES, AS DIRECTED BY THE DISTRICT ENGINEER. ANY ADJUSTMENTS AND/OR RELOCATIONS OF MUNICIPALLY OWNED FACILITIES SHALL BE DONE BY THE STATE'S CONTRACTOR IN ACCORDANCE WITH THE RESPECTIVE AGENCIES' STANDARD SPECIFICATIONS AS DIRECTED BY THE DISTRICT ENGINEER. WHEN POSSIBLE, PAYMENT SHALL BE MADE USING CONTRACT UNIT PRICING. IF CONTRACT PRICING IS NOT AVAILABLE, THE PRICES SHALL BE NEGOTIATED PRIOR TO THE COMMENCEMENT OF WORK.
6. THE DELDOT PROJECT MANAGER SHALL BE RESPONSIBLE FOR COORDINATING WITH THE TRAFFIC SECTION RELATING TO ANY IMPACTS TO TRAFFIC SECTION FACILITIES (INCLUDING BUT NOT LIMITED TO TRAFFIC LOOPS, JUNCTION WELLS ETC.) IN ADVANCE OF THE START OF THE ACTIVITY.
7. PRIOR TO INITIATING ANY WORK ON THIS CONTRACT (OR LOCATIONS), THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING AND SUBMITTING FOR APPROVAL OF THE SAFETY SECTION A MAINTENANCE OF TRAFFIC PLAN. SUFFICIENT TIME SHALL BE PROVIDED FOR THE REVIEW AND APPROVAL OF THE PLAN. THE MAINTENANCE OF TRAFFIC PLAN SHALL INCLUDE PROPOSED TIME RESTRICTIONS ON THE CLOSURE OF TRAVEL LANES SUBJECT TO THE APPROVAL OF THE SAFETY SECTION. NO WORK SHALL START WITHOUT AN APPROVED MAINTENANCE OF TRAFFIC PLAN.

DELAWARE DEPARTMENT OF TRANSPORTATION

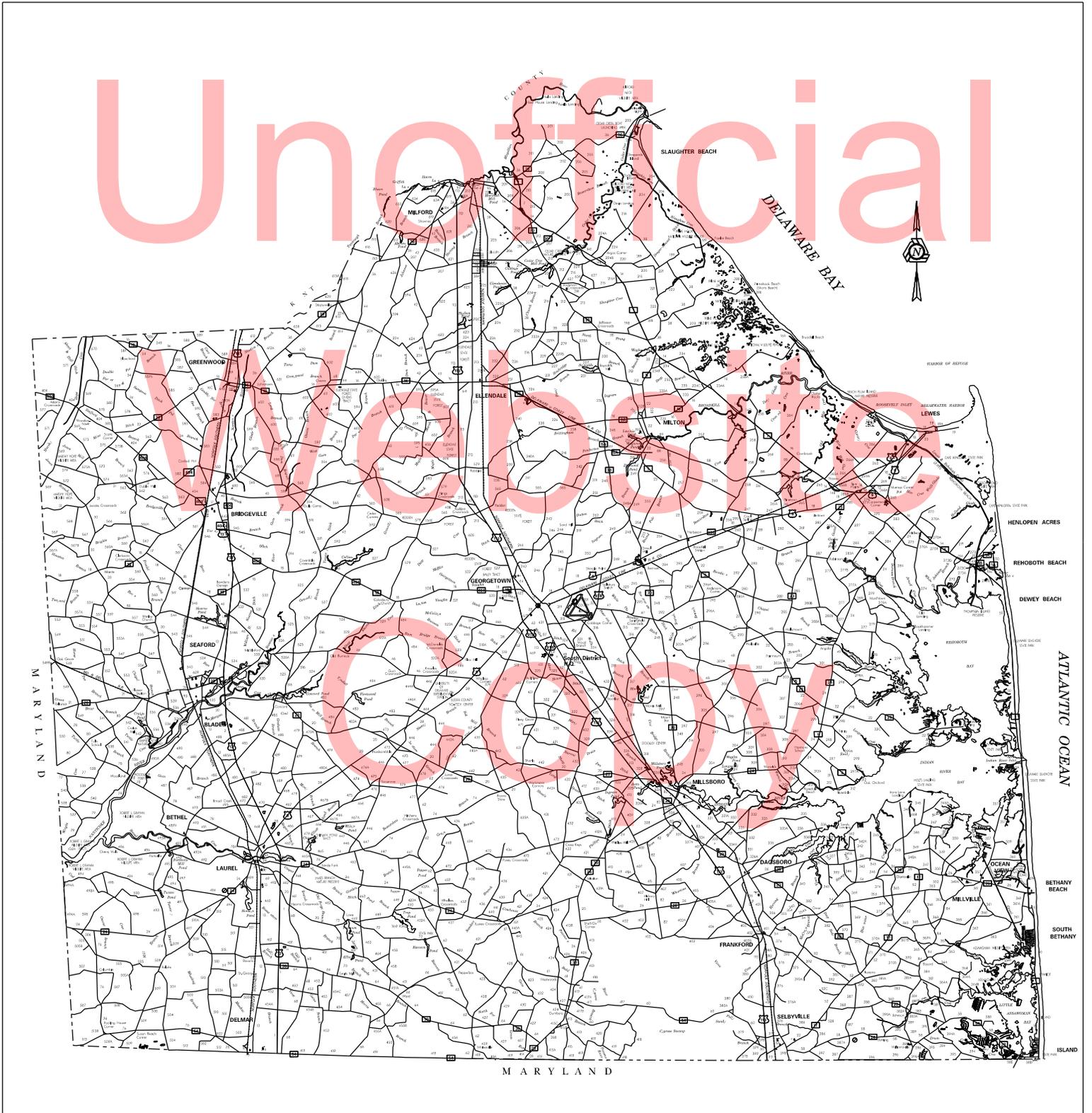
CONTRACT T201507604 FED AID NO EBHN-2015(09)

PAGE 3 OF 16

SOUTH DISTRICT

STRUCTURE MAINTENANCE, OPEN END, SOUTH, 2015, 2016, 2017

SUSSEX COUNTY



DEPARTMENT OF TRANSPORTATION

CONTRACT T201507604
FED AID NO EBHN-2015(09)
SOUTH DISTRICT

PAGE 4 OF 16

STRUCTURE MAINTENANCE, OPEN END, SOUTH, 2015, 2016, 2017

GENERAL CONTRACT NOTES

1. CONSTRUCTION OF THIS CONTRACT SHALL CONFORM TO DELAWARE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED AUGUST 2001 AS AMENDED BY THE SUPPLEMENTAL SPECIFICATIONS, THE SPECIAL PROVISIONS, THE MOST RECENT STANDARD CONSTRUCTION DETAILS, THE DELAWARE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND THESE PLANS.
2. THE PURPOSE OF THIS CONTRACT IS TO MAKE GENERAL IMPROVEMENTS TO BRIDGES AND CULVERTS WITHIN SOUTH DISTRICT (SUSSEX COUNTY). IN LIEU OF SECTION 104.05 OF THE STANDARD SPECIFICATIONS AND DEPENDING ON FUND AVAILABILITY, THE DEPARTMENT RESERVES THE RIGHT TO ADD OR DELETE QUANTITIES TO THIS CONTRACT. SUCH QUANTITY ADDITIONS OR DELETIONS SHALL NOT BE CAUSE FOR AN INCREASE OR DECREASE IN ANY CONTRACT UNIT BID PRICES. NO ITEM PRICES ARE TO BE RENEGOTIATED DUE TO EITHER AN INCREASE OR DECREASE IN QUANTITY USAGE RESULTING FROM SAID ADDITIONS OR DELETIONS.
3. DURING THE CONTRACT, THE CONTRACTOR SHALL SUBMIT TWO-WEEK (OR AS REQUIRED) "LOOK AHEAD" SCHEDULES TO THE DELDOT PROJECT MANAGER NO LATER THAN NOON OF EACH THURSDAY. DETAILS SHALL INCLUDE A DESCRIPTION OF EACH WORK ACTIVITY, THE PLANNED DAYS OF WORK, MULTIPLE CREWS OR SHIFTS, AND SCHEDULED WORKING HOURS. FAILURE TO COMPLY WILL RESULT IN A SUSPENSION OF ALL CONTRACT WORK WITH TIME CHARGES CONTINUING TO BE ASSESSED.
4. THIS CONTRACT SHALL EXPIRE THREE CALENDAR YEARS FROM THE DATE OF THE NOTICE TO PROCEED. THE DEPARTMENT RESERVES THE RIGHT TO REQUEST TO EXTEND THE CONTRACT FOR AN ADDITIONAL ONE (1) YEAR TERM AT THE ORIGINAL UNIT BID PRICES. ANY EXTENSION MUST BE APPROVED BY BOTH PARTIES IN WRITING PRIOR TO EXPIRATION OF THE EXISTING CONTRACT. THE PERFORMANCE BOND SHALL BE SUBMITTED WITH THE CONTRACT EXECUTION AND SHALL BE SUBJECT TO ANY SUCH AGREED UPON RENEWAL FOR EXTENSION PERIODS. INITIAL EXPENSE SHALL ONLY BE PAID ONCE AND SHALL NOT BE PAID A SECOND TIME UPON AN EXTENSION OF THE CONTRACT. ANY ADDITIONAL EXPENSES RELATED TO THE EXTENSION OF THE CONTRACT MUST BE DOCUMENTED AND SHALL BE AGREED TO PRIOR TO CONTRACT EXTENSION.
5. THE WORK WILL BE SCHEDULED VIA WORK ORDERS FROM THE DISTRICT. WORK LOCATIONS WILL VARY IN SIZE. THE WORK ORDERS WILL INDICATE THE WORK TO BE PERFORMED AT EACH LOCATION.
6. ISSUANCE OF EACH WORK ORDER CONSTITUTES THE NOTICE TO PROCEED WITH THE WORK DESCRIBED ON THE WORK ORDER. FAILURE TO COMPLY WITH THE WORK ORDER COMPLETION DATE WILL RESULT IN CHARGED LIQUIDATED DAMAGES BASED ON EACH WORK ORDER AND SECTION 108 OF THE STANDARD SPECIFICATIONS.
7. THE CONTRACTOR SHALL COMMENCE WORK INDICATED ON THE WORK ORDER NO LATER THAN THE SEVENTH (7TH) WORKING DAY AFTER ISSUANCE UNLESS REQUIRED MATERIALS ARE NOT AVAILABLE. NON-AVAILABILITY OF MATERIALS SHALL BE VERIFIED BY AT LEAST THREE (3) DIFFERENT SOURCES. VERIFICATION SHALL BE FORMAL AND SUPPLIED BY THE CONTRACTOR IN WRITING. IF THERE IS A VERIFIED NON-AVAILABILITY OF MATERIALS, TIME CHARGES SHALL COMMENCE ON THE FIRST (1ST) WORKING DAY FOLLOWING THE DELIVERY DATE OF SAID MATERIALS.

DEPARTMENT OF TRANSPORTATION

CONTRACT T201507604
FED AID NO EBHN-2015(09)
SOUTH DISTRICT

PAGE 5 OF 16

STRUCTURE MAINTENANCE, OPEN END, SOUTH, 2015, 2016, 2017

GENERAL CONTRACT NOTES (cont.)

8. EACH WORK ORDER SHALL BE CONSIDERED A SEPARATE UNIT OF WORK. THE ENGINEER WILL MAKE PAYMENT MONTHLY FOR THE COMPLETED WORK AS OUTLINED IN SECTION 109.07. UPON THE SUBSTANTIAL COMPLETION OF THE WORK AT AN INDIVIDUAL LOCATION, THE ENGINEER WILL STOP TIME AT THAT LOCATION AND PERFORM A SEMI-FINAL INSPECTION FOR THE WORK ORDER LOCATION IN ACCORDANCE WITH SUBSECTION 105.20. IF THE WORK IS SATISFACTORILY COMPLETED, THE ENGINEER WILL RELEASE THE CONTRACTOR FROM MAINTENANCE RESPONSIBILITY FOR THAT LOCATION. THE ENGINEER RESERVES THE RIGHT TO REQUIRE THE CONTRACTOR TO ADD WORK OR MAKE REPAIRS TO COMPLETED LOCATIONS AT THE DEPARTMENT'S EXPENSE UNTIL SUCH A LOCATION HAS BEEN ACCEPTED BY THE DEPARTMENT. THE CONTRACTOR MUST REPAIR ALL DEFECTS IN THE WORK CAUSED BY POOR WORKMANSHIP OR MATERIALS AT THEIR OWN EXPENSE UNTIL THE DEPARTMENT PERFORMS A FINAL INSPECTION AND ACCEPTS THE CONTRACT. A FINAL INSPECTION WILL BE COMPLETED ON AN ANNUAL BASIS FOR WORK ORDERS COMPLETED IN A CALENDAR YEAR. UPON SATISFACTORY COMPLETION OF THE FINAL PUNCH LIST, THE DEPARTMENT WILL ACCEPT THE LOCATION AND RELEASE THE CONTRACTOR FROM RESPONSIBILITY FOR THE WORK AT THAT LOCATION. IF A WORK ORDER IS SUFFICIENTLY LARGE AND COMPLEX AS DETERMINED BY THE ENGINEER, A SEPARATE FINAL INSPECTION MAY BE HELD UPON THE COMPLETION OF THAT WORK ORDER.
9. ALL WORK ADDED SHALL BE PERFORMED AT CONTRACT UNIT PRICES. IN THE CASE WHERE CONTRACT UNIT PRICES ARE NOT AVAILABLE, THE PRICES ARE TO BE NEGOTIATED PRIOR TO THE COMMENCEMENT OF WORK.
10. ANY AND ALL CONSTRUCTION ENGINEERING SHALL BE INCIDENTAL TO THE CONTRACT.
11. THE CONTRACTOR IS REMINDED THAT SECTION 105.07 OF THE STANDARD SPECIFICATIONS REQUIRES THE GENERAL CONTRACTOR TO HAVE A COMPETENT SUPERINTENDENT OR FOREMAN ON THE PROJECT AT ALL TIMES.
12. THE CONTRACTOR SHALL NOT TRESPASS ON PRIVATE PROPERTY UNLESS THE DISTRICT HAS ACQUIRED A "TEMPORARY TRESPASS AGREEMENT" FROM THE PROPERTY OWNER. IF THE WORK IS WITHIN A PERMANENT EASEMENT, THE WORK SHALL NOT BEGIN UNTIL THE ADJACENT PROPERTY OWNERS HAVE BEEN NOTIFIED.

Website
Copy

DEPARTMENT OF TRANSPORTATION

CONTRACT T201507604
FED AID NO EBHN-2015(09)
SOUTH DISTRICT

PAGE 6 OF 16

STRUCTURE MAINTENANCE, OPEN END, SOUTH, 2015, 2016, 2017

PROJECT AND CONSTRUCTION NOTES

13. CLEARING AND GRUBBING OF TREES AND SHRUBS WITH TRUNK DIAMETER OF LESS THAN SIX (6) INCHES SHALL BE INCIDENTAL TO THE APPLICABLE REPAIR OR REPLACEMENT ITEM. REMOVAL OF TREES AND SHRUBS WITH TRUNK DIAMETER OF SIX (6) INCHES AND LARGER WILL BE NEGOTIATED PRIOR TO THE COMMENCEMENT OF WORK. GRUBBING ACTIVITIES PERFORMED IN WETLAND AREAS MAY REQUIRE ENVIRONMENTAL PERMIT APPROVALS WHICH SHALL BE OBTAINED BY THE DELDOT PROJECT MANAGER.
14. ITEM 302008, GABC, TYPE B SHALL BE USED AS BASE MATERIAL UNDER ALL CURB, SIDEWALK AND PAVEMENT.
15. ALL PORTLAND CEMENT CONCRETE MUST BE RECEIVED FROM AN APPROVED PRODUCTION PLANT UNLESS OTHERWISE APPROVED BY THE ENGINEER. ONLY CALIBRATED VOLUMETRIC CONCRETE TRUCKS WILL BE PERMITTED TO PROVIDE ON-SITE MIXTURES. THIS PERTAINS TO BOTH WORK OCCURRING DURING NORMAL WORKING HOURS AND NIGHTTIME RESTRICTED WORK.
16. PAYMENT FOR ITEM 602001, PCC MASONRY CLASS A, WILL BE MADE BASED ON THE ACTUAL MEASURED QUANTITY PLACED.
17. UNLESS OTHERWISE DIRECTED BY THE ENGINEER, HALF-INCH CORK EXPANSION MATERIAL SHALL BE PLACED AT EACH LOCATION WHERE ITEM 762002, SAW CUTTING CONCRETE, FULL DEPTH IS PAID. PAYMENT FOR FURNISHING AND PLACING THE CORK SHALL BE INCIDENTAL TO ITEM 762002.
18. THE AREA AND DEPTH OF DETERIORATED CONCRETE REMOVED IN SPALLED AREAS SHALL BE PRE-APPROVED BY THE ENGINEER PRIOR TO REMOVAL (MINIMUM 2" DEPTH).
19. CRACK WIDTHS LARGER THAN ONE HALF INCH SHALL BE REPAIRED BY GROUTING. PAYMENT WILL BE UNDER ITEM 602572, REPAIR EXISTING P.C.C. STRUCTURES.
20. DISPOSAL OF UNACCEPTABLE MATERIALS SHALL BE AS PER SPECIFICATION SECTION 106.09.
21. ALL STREAMBEDS AFFECTED BY THE CONTRACTORS WORK SHALL BE RESTORED TO ORIGINAL CONTOURS AND ELEVATIONS, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. PAYMENT SHALL BE INCIDENTAL TO THE CONTRACT.
22. ALL RIPRAP PLACED IN CHANNEL WILL NOT REQUIRE GEOTEXTILE UNDERNEATH. ENVIRONMENTAL PERMITS WILL BE REQUIRED FOR ANY RIPRAP PLACEMENT IN WATERS/WETLANDS AND WILL BE OBTAINED BY THE DELDOT PROJECT MANAGER.
23. CHANNEL EXCAVATION DOES NOT REQUIRE ENVIRONMENTAL PERMITS PROVIDED THE FOLLOWING CONDITIONS ARE MET:
 - A. WORK IS OCCURRING AT A NON-TIDAL LOCATION;
 - B. THE SEDIMENT IS "SCOOPED"—NOT BLADED (PUSHED);
 - C. THE "SCOOPED" SEDIMENT IS PLACED IN AN UPLAND LOCATION.

IF ALL OF THESE CONDITIONS ARE NOT MET, WORK SHALL NOT COMMENCE UNTIL ENVIRONMENTAL PERMITS HAVE BEEN OBTAINED BY THE DELDOT PROJECT MANAGER.

24. SUBMITTALS FOR WET AND DRY APPLICATIONS ARE REQUIRED FOR ITEM 602611, REPAIR OF CONCRETE STRUCTURES BY EPOXY INJECTION.

DEPARTMENT OF TRANSPORTATION

CONTRACT T201507604
FED AID NO EBHN-2015(09)
SOUTH DISTRICT

PAGE 7 OF 16

STRUCTURE MAINTENANCE, OPEN END, SOUTH, 2015, 2016, 2017

PROJECT AND CONSTRUCTION NOTES (cont.)

25. DRAINAGE INLET GRATES WITHIN THE LOCATION LIMITS THAT DO NOT MEET THE STANDARD DETAIL FOR A TYPE 1 GRATE (I.E. DON'T HAVE 45 DEGREE SLOTS) SHALL BE REPLACED. THE ENGINEER SHALL DETERMINE THE ACTUAL LOCATIONS AND NEED FOR GRATE OR FRAME MODIFICATIONS. CATCH BASIN FRAMES SHALL INCLUDE NECESSARY ADJUSTMENTS TO MEET PROPOSED GRADES INCIDENTAL TO THE CATCH BASIN FRAME ITEM. ALL REPLACED GRATES/FRAMES SHALL BE DELIVERED TO THE NEAREST DISTRICT MAINTENANCE YARD WITH DELIVERY COSTS INCIDENTAL TO THE APPROPRIATE BID ITEMS. PAYMENT FOR REPLACED GRATES/FRAMES SHALL NOT BE MADE UNTIL RECEIPT OF DELIVERED MATERIALS IS PRODUCED AND SIGNED BY A DELDOT MAINTENANCE YARD SUPERVISOR.
26. AT THE END OF EACH WORK DAY, THE CONTRACTOR SHALL CORRECT ALL PAVEMENT EDGE DROP OFFS WITHIN 10' OF A TRAVEL LANE TO LIMIT ALL DROP OFFS TO A MAXIMUM OF 2". ALL CORRECTIVE MEASURES TAKEN BY THE CONTRACTOR SHALL BE INCIDENTAL TO THE MOT ITEMS.
27. AS STRUCTURES ARE IDENTIFIED, ENVIRONMENTAL COMPLIANCE REQUIREMENTS SHALL BE DETERMINED AND COORDINATED WITH THE ENVIRONMENTAL STUDIES OFFICE. NO WORK SHALL BEGIN UNTIL WRITTEN APPROVALS ARE RECEIVED.

Website
Copy

DEPARTMENT OF TRANSPORTATION

CONTRACT T201507604
FED AID NO EBHN-2015(09)
SOUTH DISTRICT

PAGE 8 OF 16

STRUCTURE MAINTENANCE, OPEN END, SOUTH, 2015, 2016, 2017

MAINTENANCE OF TRAFFIC NOTES

28. ALL WORK SHALL BE PERFORMED IN A MANNER THAT WILL REASONABLY PROVIDE THE LEAST PRACTICAL OBSTRUCTION TO ALL ROAD USERS, INCLUDING VEHICULAR, PEDESTRIAN AND BICYCLE TRAFFIC AND SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) PART 6, HEREIN REFERRED TO AS THE TRAFFIC CONTROL MANUAL (INCLUDING REVISIONS IN EFFECT AT THE TIME OF ADVERTISEMENT FOR BIDS).
29. AT THE PRECONSTRUCTION MEETING, THE CONTRACTOR SHALL SUBMIT TO THE SOUTH DISTRICT SAFETY OFFICER THE NECESSARY NCHRP 350 / MASH CERTIFICATIONS FOR ALL TRAFFIC CONTROL DEVICES EXPECTED TO BE USED ON THE CONTRACT. IN ADDITION, PRIOR TO THE START OF ANY WORK ORDER, THE CONTRACTOR MUST SUBMIT A TRAFFIC CONTROL PLAN INCLUDING ANY ADDITIONAL NCHRP 350 / MASH CERTIFICATIONS NOT PREVIOUSLY SUBMITTED. WRITTEN APPROVAL MUST BE RECEIVED BEFORE THE START OF WORK AT EACH AND EVERY LOCATION.
30. PRIOR TO THE START OF WORK ON ANY WORK ORDER, THE CONTRACTOR SHALL SUBMIT DETAILED DRAWINGS (INCLUDING BUT NOT LIMITED TO EXISTING STRIPING LENGTHS, LANE AND SHOULDER WIDTHS, TURN LANE LENGTHS, LOCATIONS OF STOP BARS, TURN ARROWS, CROSSWALKS AND RAILROAD CROSSINGS) THAT DEPICT THE EXISTING PAVEMENT MARKINGS FOR EACH PROJECT LOCATION. THESE DRAWINGS WILL BE REVIEWED BY THE DEPARTMENT'S TRAFFIC SECTION TO DETERMINE IF ANY CHANGES TO THE FINAL PAVEMENT MARKINGS ARE REQUIRED. FINAL PAVEMENT MARKINGS SHALL CONFORM TO ALL EXISTING PATTERNS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
31. ALL REQUIRED MAINTENANCE OF TRAFFIC WARNING SIGNS SHALL BE PAID FOR UNDER ITEM 743024, TEMPORARY WARNING SIGNS AND PLAQUES. ALL WARNING SIGNS SHALL BE DIAMOND GRADE RETRO REFLECTIVE. WOOD SHEETING IS NOT PERMITTED.
32. NO SEPARATE PAYMENT SHALL BE MADE FOR THE USE OF TRAFFIC CONES. TRAFFIC CONES AND/OR WORK ASSOCIATED WITH THEIR USE SUCH AS SET UP, REMOVAL, CLEANING, ETC., SHALL BE INCIDENTAL TO THE WORK FOR WHICH THEY PROTECT.
33. ALL TRAFFIC CONTROL DEVICES SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF THE TRAFFIC CONTROL MANUAL. PLEASE NOTE THAT AS OF JANUARY 4, 2010, THERE ARE NEW SHEETING REQUIREMENTS FOR ALL SIGNS, CHANNELIZING DEVICES, ETC.
34. ALL TRAFFIC CONTROL DEVICES SHALL BE IN NEW OR REFURBISHED CONDITION, SHALL COMPLY WITH THE TRAFFIC CONTROL MANUAL, SHALL BE NCHRP 350 / MASH APPROVED, AND SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
35. ALL TRAFFIC CONTROL DEVICES SHALL BE SUITABLY MAINTAINED AT ALL TIMES, INCLUDING SUCH MAINTENANCES AS WASHING SIGN FACES, REPLACING DEFICIENT BATTERIES AND LIGHTS, ALIGNING PROPERLY, REPLACING REFLECTIVE MATERIALS, RELOCATING BARRIERS, AND ANY OTHER MAINTENANCE OF TRAFFIC CONTROL DEVICES DEEMED NECESSARY BY THE ENGINEER OR DESIGNEE TO MAINTAIN TRAFFIC IN A SAFE AND EFFECTIVE MANNER.
36. THE CONTRACTOR, WITH THE ENGINEER, SHALL INVENTORY ALL SIGNS ON ALL ROADS SUBJECT TO IMPROVEMENTS. NECESSARY SIGNS SHALL BE MAINTAINED IN OPERATION DURING CONSTRUCTION AND ANY OTHER SIGNS SHALL BE PROPERLY STORED WITH THE CONTRACTOR, WHO SHALL BE RESPONSIBLE FOR LOSS OR DAMAGE. IMMEDIATELY PRIOR TO FINAL INSPECTION, THE CONTRACTOR AND ENGINEER SHALL AGAIN INVENTORY THE TRAFFIC SIGNS AND ACCOUNT FOR ANY LOST OR DAMAGED SIGNS.
37. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS/HER WORK WITH OTHER CONTRACTORS IN THE AREA.

DEPARTMENT OF TRANSPORTATION

CONTRACT T201507604
FED AID NO EBHN-2015(09)
SOUTH DISTRICT

PAGE 9 OF 16

STRUCTURE MAINTENANCE, OPEN END, SOUTH, 2015, 2016, 2017

MAINTENANCE OF TRAFFIC NOTES (cont.)

38. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THE TRAFFIC MANAGEMENT CENTER (1-302-659-4600) IS NOTIFIED EACH AND EVERY DAY WHEN WORK IS BEING PERFORMED IN STATE RIGHT OF WAY. THE CONTRACTOR MUST IDENTIFY THE TYPE OF WORK, ANY LANE/S OR SHOULDERS CLOSED, LENGTH OF TIME FOR WORK, WHEN THE LANE RESTRICTION IS IN PLACE AND WHEN THE LANE RESTRICTION IS PICKED UP, CONTACT PERSON/NUMBER AND STATE INSPECTOR.
39. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE LOCAL 911 CENTER, LOCAL SCHOOLS, AND THE DELDOT PUBLIC INFORMATION CENTER OF ALL ROADS AND LANES TO BE CLOSED A MINIMUM OF SEVEN CALENDAR DAYS BEFORE THE CLOSURE. IF TEMPORARILY BLOCKING ACCESS TO A FIRE HYDRANT, NOTIFICATION MUST BE GIVEN TO SUSSEX COUNTY, THE LOCAL FIRE FIGHTING AUTHORITIES, AND THE 911 CENTER.
40. THE CONTRACTOR SHALL MAINTAIN ACCESS TO AND ALONG PEDESTRIAN FACILITIES AT ALL TIMES DURING CONSTRUCTION. EARTH, STONE AND GRAVEL SURFACES ARE NOT ACCEPTABLE FOR PROVIDING PEDESTRIAN ACCESS. WHERE PEDESTRIAN ROUTES ARE CLOSED OR BLOCKED, ALTERNATE PEDESTRIAN ACCESS SHALL BE PROVIDED USING TA-28 OR TA-29 OF THE TRAFFIC CONTROL MANUAL OR TO THE SATISFACTION OF THE ENGINEER AND SHALL BE ADA COMPLIANT. THE COST FOR ANY PROVISIONS SHALL BE NEGOTIATED PRIOR TO THE COMMENCEMENT OF WORK.
41. ACCESS TO ALL BUSINESSES AND RESIDENCES SHALL BE MAINTAINED AT ALL TIMES. ANY CLOSURE OF ENTRANCES/RESIDENCES SHALL BE COORDINATED WITH THE LAND OWNER PRIOR TO ANY CLOSURES.
42. ALL PERSONS WORKING WITHIN THE STATE RIGHT-OF-WAY SHALL WEAR A MINIMUM OF AN ANSI CLASS II SAFETY VEST MEETING THE ANSI 107-2004 REQUIREMENTS.
43. THE CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE OF EXISTING PAVEMENT WITHIN THE PROJECT LIMITS FOR THE DURATION OF THE CONTRACT OR AS DIRECTED BY THE ENGINEER OR DESIGNEE.
44. ALL ROADWAYS AND ENTRANCES NOT OPEN TO TRAFFIC SHALL BE CLOSED USING TYPE III BARRICADES AND SHALL BE PLACED PER THE TRAFFIC CONTROL MANUAL, SECTION 6F.63 & 6F.68.
45. WHEN REQUIRED BY THE DE MUTCD, PERMANENT ADVANCE WARNING SIGNS SHALL BE INSTALLED WITH THE LEGENDS ROAD WORK 1500 FT, ROAD WORK 1000 FT AND ROAD WORK 500 FT IN ADVANCE OF THE WORK AREA IN BOTH DIRECTIONS. AN END ROAD WORK SIGN SHALL BE LOCATED 500 FEET DOWNSTREAM FROM THE WORK AREA. ON INTERSECTING ROADWAYS WITHIN THE PROJECT LIMITS, A ROAD WORK AHEAD SIGN SHALL BE PLACED AT DISTANCE NOT LESS THAN 500 FEET IN ADVANCE OF THE WORK AREA AND AN END ROAD WORK SIGN SHALL BE LOCATED 500 FEET DOWNSTREAM OF THE WORK AREA. ALL PERMANENT ADVANCE WARNING SIGNS SHALL BE GROUND MOUNTED ON TWO NCHRP-350 OR MASH APPROVED BREAK-AWAY POSTS AND SHALL BE MOUNTED IN COMPLIANCE WITH THE TRAFFIC CONTROL MANUAL. PERMANENT ADVANCE WARNING SIGNS SHALL BE MOUNTED AT A HEIGHT OF 7 FEET, MEASURED FROM THE ROADWAY TO THE BOTTOM OF THE SIGN. THE USE OF SKID MOUNTED SIGN SUPPORTS IS NOT ALLOWED UNLESS THE CONTRACTOR CAN DEMONSTRATE THAT A UTILITY CONFLICT EXISTS, WHICH SHALL BE VERIFIED BY THE ENGINEER; OR CONCRETE MEDIANS PREVENT THE INSTALLATION OF THE PERMANENT SIGNS IN THE APPROPRIATE LOCATION.
46. THE CONTRACTOR SHALL GIVE TWO (2) WEEKS NOTICE TO THE PROPERTY OWNER WHEN ANY FIXTURE, SHRUB OR OTHER OBJECT MUST BE REMOVED FROM THE RIGHT OF WAY OR EASEMENT AREA. IF THE OWNER HAS NOT ATTEMPTED TO SALVAGE THIS PROPERTY, THE CONTRACTOR SHALL REMOVE IT WITHOUT OBLIGATION. COMPENSATION SHALL BE INCIDENTAL TO THE CONTRACT.

DEPARTMENT OF TRANSPORTATION

CONTRACT T201507604
FED AID NO EBHN-2015(09)
SOUTH DISTRICT

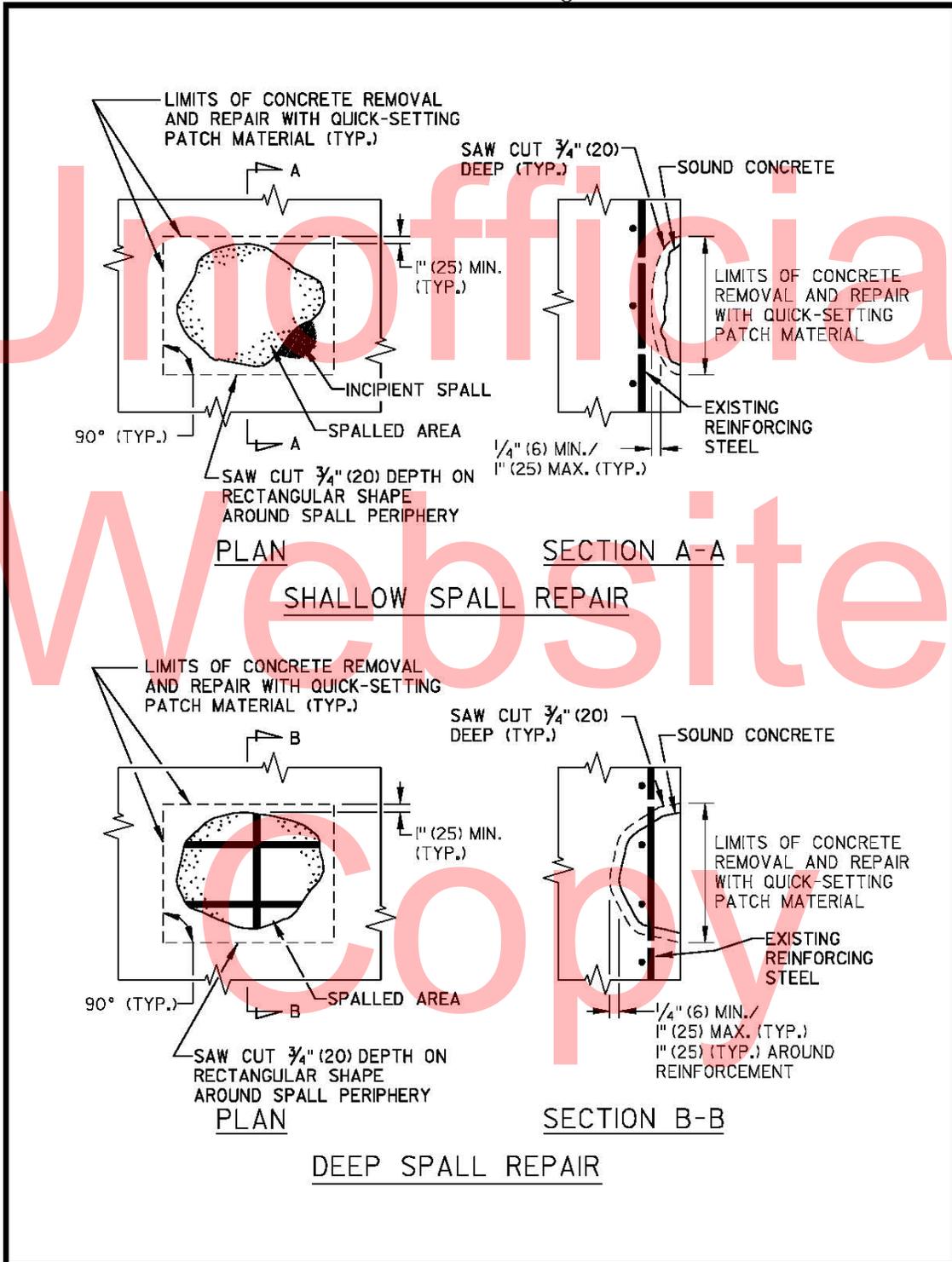
PAGE 10 OF 16

STRUCTURE MAINTENANCE, OPEN END, SOUTH, 2015, 2016, 2017

MAINTENANCE OF TRAFFIC NOTES (cont.)

47. THE CONTRACTOR SHALL PROVIDE ALL RESIDENTS AND BUSINESSES WHO LIVE ADJACENT TO THE WORK ZONE A MINIMUM 48 HR. PRIOR WRITTEN NOTICE FOR THE START OF CONSTRUCTION WORK. THIS NOTIFICATION SHALL INCLUDE THE SCOPE OF WORK, WORKING HOURS, ANTICIPATED START AND COMPLETION DATES, CONTRACTOR NAME & ADDRESS, AND DELDOT CONTACT NUMBERS. FAILURE TO GIVE PROPER NOTICE WILL RESULT IN A SUSPENSION OF WORK REQUIRING NOTICE, UNTIL PROPER NOTICE IS PROVIDED. ACCESS TO ALL BUSINESSES AND RESIDENCES WITHIN THE PROJECT LIMITS SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THIS CONTRACT. ANY TEMPORARY CLOSURE OF A DRIVEWAY FOR TIE-IN PURPOSES SHALL BE COORDINATED WITH THE ENGINEER AND/OR PROPERTY OWNER IN ADVANCE OF THE CLOSURE.
48. WHEN SIDE ROADS INTERSECT THE WORK ZONE, ADDITIONAL TRAFFIC CONTROL DEVICES SHALL BE ERECTED INCLUDING PERMANENT WARNING SIGNS AND SHALL BE PAID PER CONTRACT UNIT PRICES.
49. ALL ROADWAY EXCAVATION IN OR ADJACENT TO TRAVEL WAYS SHALL BE PROPERLY BACKFILLED AT THE END OF EACH DAY PRIOR TO TRAFFIC RETURNING TO UNRESTRICTED TRAVEL PER SECTION 6G.20 OF THE TRAFFIC CONTROL MANUAL. THIS INCLUDES ALL UTILITIES AND/OR OBSTACLES WITHIN OR ADJACENT TO THE TRAVEL WAYS AS OUTLINED IN THE TRAFFIC CONTROL MANUAL.
50. ALL STORAGE OF EQUIPMENT AND MATERIAL SHALL COMPLY WITH SECTION 6G.21 OF THE TRAFFIC CONTROL MANUAL.
51. ALL FLAGGERS SHALL COMPLY WITH CHAPTER 6E OF THE TRAFFIC CONTROL MANUAL.
52. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR APPROVAL FIVE WORKING DAYS BEFORE THE START OF WORK AT EACH LOCATION. RESTRICTED WORKING HOURS WILL BE IN EFFECT ON STATE NUMBERED ROADS AS DICTATED BY TRAFFIC VOLUMES. THE DISTRICT MAY WAVE THE FLAGGING OPERATION DEPENDING UPON SITE CONDITIONS. THE DISTRICT WILL COORDINATE WITH THE SAFETY SECTION FOR THIS WAIVER AS NECESSARY. SHOULD A FLAGGING OPERATION BE REQUIRED, THE FLAGGER WILL BE PAID AT THE CONTRACT UNIT PRICE.
53. IF A ROAD CLOSURE IS REQUIRED; THE CONTRACTOR SHALL BE REQUIRED TO SUBMIT THE PROPOSED DETOUR ROUTE TO THE DISTRICT TRAFFIC ENGINEER FOR APPROVAL. THE CONTRACTOR SHALL ALSO COORDINATE THE CLOSURE WITH THE DISTRICT. THE DISTRICT WILL COORDINATE WITH THE SAFETY SECTION AND BE RESPONSIBLE FOR THE NECESSARY EMERGENCY NOTIFICATIONS. THE DETOUR ROUTE REQUIRES APPROVAL BY THE DISTRICT PRIOR TO CLOSURE. TYPICALLY, THE DETOUR SET-UP SHALL FOLLOW CASE 15-B OF THE TRAFFIC CONTROL MANUAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING AND MAINTAINING THE MAINTENANCE OF TRAFFIC APPARATUS AT THE CLOSURE (I.E. TYPE III BARRICADE, ROAD CLOSED SIGNS, ETC) AND ALL ADVANCE-WARNING SIGNS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACEMENT OF DETOUR TRAILBLAZERS.
54. DRUMS WILL BE REQUIRED IN WORK AREAS WHERE COMPLETION TIME WILL EXTEND BEYOND ONE DAYLIGHT OPERATION. FOR ROADWAYS WITH A POSTED SPEED LIMIT OF 25 MPH OR LESS, A MINIMUM OF THREE DRUMS WILL BE REQUIRED AND WARNING LIGHTS WILL NOT BE REQUIRED. FOR ROADWAYS WITH A POSTED SPEED LIMIT GREATER THAN 25 MPH, THE FIRST TWO DRUMS IN THE TAPER SHALL HAVE ONE TYPE "B" AMBER WARNING LIGHT AND THE LAST DRUM IN THE TAPER SHALL HAVE ONE TYPE "A" WARNING LIGHT. ALL REMAINING DRUMS SHALL HAVE NO LIGHTS.

CONTRACT DETAILS



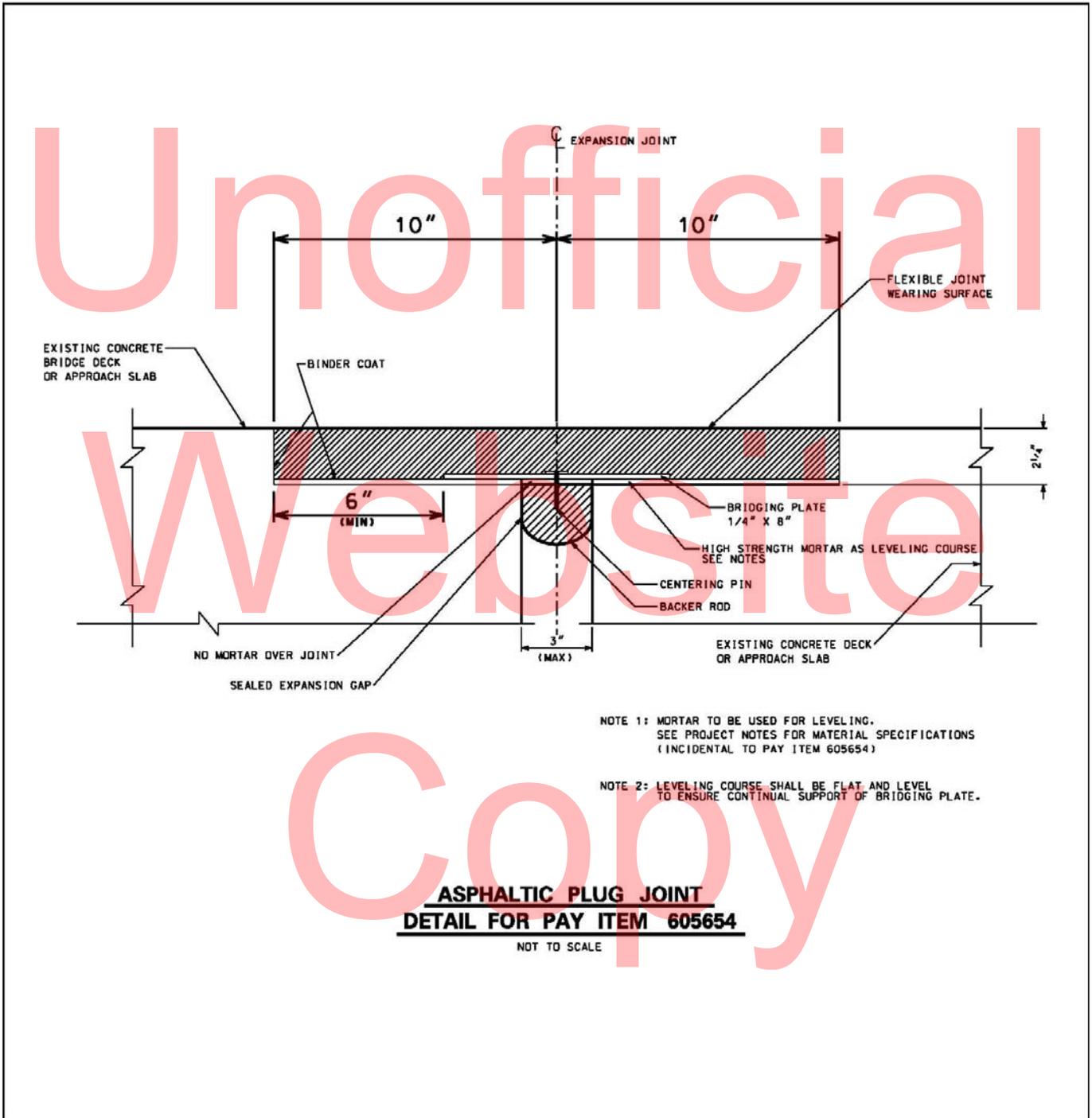
DEPARTMENT OF TRANSPORTATION

CONTRACT T201507604
FED AID NO EBHN-2015(09)
SOUTH DISTRICT

PAGE 12 OF 16

STRUCTURE MAINTENANCE, OPEN END, SOUTH, 2015, 2016, 2017

CONTRACT DETAILS (cont.)



SOUTH
MAINTENANCE

STRUCTURE MAINTENANCE, OPEN END, SOUTH, 2015, 2016, 2017

LOCATION 1 (VARIOUS BRIDGES AND STRUCTURES THROUGHOUT SUSSEX COUNTY) FROM
TO

LENGTH

GENERAL IMPROVEMENTS

OPEN END STRUCTURE MAINTENANCE

COMMENTS:

MATERIAL ESTIMATE FOR LOCATION 1

207000	EXCAVATION AND BACKFILL FOR STRUCTURES	50.00 C.Y.
209002	BORROW, TYPE B	20.00 C.Y.
209006	BORROW, TYPE F	20.00 C.Y.
302008	GRADED AGGREGATE BASE COURSE, TYPE B, PATCHING	40.00 C.Y.
302011	DELAWARE NO. 3 STONE	40.00 TON
401821	BITUMINOUS CONCRETE, SUPERPAVE, TYPE C, 160 GYRATIONS, PG 64-22, PATCHING	25.00 TON
401822	BITUMINOUS CONCRETE, SUPERPAVE, TYPE B, 160 GYRATIONS, PG 64-22, PATCHING	25.00 TON
602001	PORTLAND CEMENT CONCRETE MASONRY, CLASS A	45.00 C.Y.
602520	EPOXY PROTECTIVE COATING FOR CONCRETE	250.00 S.Y.
602526	EMBEDDED GALVANIC ANODES	300.00 EACH
602546	WATERPROOFING P.C.C. MASONRY	2,000.00 S.F.
602572	REPAIRING EXISTING P.C.C. STRUCTURES	4,000.00 LB
602575	DECK REPAIR, 1" TO 3" DEPTH	400.00 S.F.
602576	DECK REPAIR, 3" TO < FULL DEPTH	400.00 S.F.
602577	DECK REPAIR, FULL DEPTH	200.00 S.F.
602579	DRILLING HOLES AND INSTALLING DOWELS	300.00 EACH
602580	PARTIAL REMOVAL OF P.C.C. MASONRY	40.00 C.Y.
602586	REHABILITATION OF CONCRETE STRUCTURE	350.00 C.F.
602611	REPAIR OF CONCRETE STRUCTURES BY EPOXY INJECTION	240.00 L.F.
602626	ROUT AND SEAL CRACKS	400.00 L.F.
602629	CRACK SEALING BRIDGE DECKS, APPROACH SLABS, SIDEWALK, ETC.	1,000.00 L.F.
602646	SILICONE ACRYLIC CONCRETE SEALER	1,000.00 S.F.
602734	BRIDGE DECK PATCHING, POLYESTER POLYMER CONCRETE	400.00 SY-IN
604000	BAR REINFORCEMENT, EPOXY COATED	2,500.00 LB
605511	PREFABRICATED EXPANSION JOINT SYSTEM, 3"	220.00 L.F.
605571	JOINT REPAIR (COMPRESSION SEAL), 3"	220.00 L.F.
605620	MOISTURE CURED URETHANE PAINT SYSTEM (RECOATING),S.F.	1,800.00 S.F.
605629	CLEANING EXISTING STEEL STRUCTURES,HAZARDOUS (S.F.)	800.00 S.F.

DELAWARE DEPARTMENT OF TRANSPORTATION

CONTRACT T201507604

PAGE 14 OF 16

SOUTH
MAINTENANCE

STRUCTURE MAINTENANCE, OPEN END, SOUTH, 2015, 2016, 2017

LOCATION 1 (VARIOUS BRIDGES AND STRUCTURES THROUGHOUT SUSSEX COUNTY) FROM
TO

LENGTH

GENERAL IMPROVEMENTS

OPEN END STRUCTURE MAINTENANCE

COMMENTS:

MATERIAL ESTIMATE FOR LOCATION 1

605636	CLEAN AND LUBRICATE BRIDGE BEARINGS	40.00 EACH
605654	ASPHALTIC PLUG JOINT	400.00 L.F.
605692	SILICONE JOINT SEAL	350.00 L.F.
712020	RIPRAP, R-4	120.00 TON
712021	RIPRAP, R-5	120.00 TON
713003	GEOTEXTILES, RIPRAP	250.00 S.Y.
743003	ARROWPANELS, TYPE C	100.00 EA-DY
743004	FURNISH AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN	100.00 EA-DY
743005	FURNISH AND MAINTAIN PORTABLE LIGHT ASSEMBLY	25.00 EA-DY
743006	PLASTIC DRUMS	3,000.00 EA-DY
743010	FURNISH AND MAINTAIN TRUCK MOUNTED ATTENUATOR, TYPE II	100.00 EA-DY
743023	TEMPORARY BARRICADES, TYPE III	1,200.00 LFDY
743024	TEMPORARY WARNING SIGNS AND PLAQUES	1,500.00 EA-DY
743052	** FLAGGER, SUSSEX COUNTY, STATE	600.00 HOUR
743064	** FLAGGER, SUSSEX COUNTY, STATE, OVERTIME	100.00 HOUR
758000	REMOVAL OF EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, CURB, SIDEWALK, ETC.	100.00 S.Y.
762001	SAW CUTTING, HOT MIX	250.00 L.F.
762002	SAW CUTTING, CONCRETE, FULL DEPTH	500.00 L.F.
908001	TOPSOIL (TON)	100.00 TON
908014	PERMANENT GRASS SEEDING, DRY GROUND	200.00 S.Y.
908020	EROSION CONTROL BLANKET MULCH	100.00 S.Y.

** DENOTES FIXED PRICE ITEM

DELAWARE DEPARTMENT OF TRANSPORTATION

CONTRACT: T201507604

PAGE 15 OF 16

SOUTH STRUCTURE MAINTENANCE, OPEN END, SOUTH, 2015, 2016, 2017
 MAINTENANCE

CONTRACT QUANTITIES SUMMARY SHEET

207000	EXCAVATION AND BACKFILL FOR STRUCTURES	50.00 C.Y.
209002	BORROW, TYPE B	20.00 C.Y.
209006	BORROW, TYPE F	20.00 C.Y.
302008	GRADED AGGREGATE BASE COURSE, TYPE B, PATCHING	40.00 C.Y.
302011	DELAWARE NO. 3 STONE	40.00 TON
401821	BITUMINOUS CONCRETE, SUPERPAVE, TYPE C, 160 GYRATIONS, PG 64-22, PATCHING	25.00 TON
401822	BITUMINOUS CONCRETE, SUPERPAVE, TYPE B, 160 GYRATIONS, PG 64-22, PATCHING	25.00 TON
602001	PORTLAND CEMENT CONCRETE MASONRY, CLASS A	45.00 C.Y.
602520	EPOXY PROTECTIVE COATING FOR CONCRETE	250.00 S.Y.
602526	EMBEDDED GALVANIC ANODES	300.00 EACH
602546	WATERPROOFING P.C.C. MASONRY	2,000.00 S.F.
602572	REPAIRING EXISTING P.C.C. STRUCTURES	4,000.00 LB
602575	DECK REPAIR, 1" TO 3" DEPTH	400.00 S.F.
602576	DECK REPAIR, 3" TO < FULL DEPTH	400.00 S.F.
602577	DECK REPAIR, FULL DEPTH	200.00 S.F.
602579	DRILLING HOLES AND INSTALLING DOWELS	300.00 EACH
602580	PARTIAL REMOVAL OF P.C.C. MASONRY	40.00 C.Y.
602586	REHABILITATION OF CONCRETE STRUCTURE	350.00 C.F.
602611	REPAIR OF CONCRETE STRUCTURES BY EPOXY INJECTION	240.00 L.F.
602626	ROUT AND SEAL CRACKS	400.00 L.F.
602629	CRACK SEALING BRIDGE DECKS, APPROACH SLABS, SIDEWALK, ETC.	1,000.00 L.F.
602646	SILICONE ACRYLIC CONCRETE SEALER	1,000.00 S.F.
602734	BRIDGE DECK PATCHING, POLYESTER POLYMER CONCRETE	400.00 SY-IN
604000	BAR REINFORCEMENT, EPOXY COATED	2,500.00 LB
605511	PREFABRICATED EXPANSION JOINT SYSTEM, 3"	220.00 L.F.
605571	JOINT REPAIR (COMPRESSION SEAL), 3"	220.00 L.F.
605620	MOISTURE CURED URETHANE PAINT SYSTEM (RECOATING),S.F.	1,800.00 S.F.
605629	CLEANING EXISTING STEEL STRUCTURES,HAZARDOUS (S.F.)	800.00 S.F.
605636	CLEAN AND LUBRICATE BRIDGE BEARINGS	40.00 EACH

DELAWARE DEPARTMENT OF TRANSPORTATION

CONTRACT: T201507604

PAGE 16 OF 16

SOUTH
MAINTENANCE

STRUCTURE MAINTENANCE, OPEN END, SOUTH, 2015, 2016, 2017

CONTRACT QUANTITIES SUMMARY SHEET

605654	ASPHALTIC PLUG JOINT	400.00 L.F.
605692	SILICONE JOINT SEAL	350.00 L.F.
712020	RIPRAP, R-4	120.00 TON
712021	RIPRAP, R-5	120.00 TON
713003	GEOTEXTILES, RIPRAP	250.00 S.Y.
743003	ARROWPANELS, TYPE C	100.00 EA-DY
743004	FURNISH AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN	100.00 EA-DY
743005	FURNISH AND MAINTAIN PORTABLE LIGHT ASSEMBLY	25.00 EA-DY
743006	PLASTIC DRUMS	3,000.00 EA-DY
743010	FURNISH AND MAINTAIN TRUCK MOUNTED ATTENUATOR, TYPE II	100.00 EA-DY
743023	TEMPORARY BARRICADES, TYPE III	1,200.00 LFDY
743024	TEMPORARY WARNING SIGNS AND PLAQUES	1,500.00 EA-DY
743052	FLAGGER, SUSSEX COUNTY, STATE	600.00 HOUR
743064	FLAGGER, SUSSEX COUNTY, STATE, OVERTIME	100.00 HOUR
758000	REMOVAL OF EXISTING PORTLAND CEMENTCONCRETE PAVEMENT, CURB, SIDEWALK, ETC.	100.00 S.Y.
762001	SAW CUTTING, HOT MIX	250.00 L.F.
762002	SAW CUTTING, CONCRETE, FULL DEPTH	500.00 L.F.
763000	INITIAL EXPENSE	LUMP SUM
908001	TOPSOIL (TON)	100.00 TON
908014	PERMANENT GRASS SEEDING, DRY GROUND	200.00 S.Y.
908020	EROSION CONTROL BLANKET MULCH	100.00 S.Y.