STATE OF DELAWARE

DEPARTMENT OF TRANSPORTATION

MAINTENANCE SUPPORT – SOUTH DISTRICT

PLANS AND SPECIFICATIONS FOR:

CONTRACT NO: **T201506601** **P6: 14-99993**

CONTRACT TITLE: **BITUMINOUS CONCRETE PATCHING, OPEN END, SOUTH, 2015**

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

PLANS REVIEWED BY: _____ **DATE:** 7/23/14
MAINT.SUPPORT SUPERVISOR

DATE RECOMMENDED: 07.23.14 ASSISTANT MAINT. ENGINEER:	JASON K. MCCLUSKEY LICENSED No. 16272 DELAWARE PROFESSIONAL ENGINEER
DATE RECOMMENDED: 7-23-14 MAINTENANCE ENGINEER:	ALASTAIR PROBERT REGISTERED No. 13700 DELAWARE PROFESSIONAL ENGINEER
DATE RECOMMENDED: 7/25/14 SOUTH DISTRICT ENGINEER:	JEFFREY S. REED REGISTERED No. 7854 DELAWARE PROFESSIONAL ENGINEER

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CONTRACT DESCRIPTION

THE PURPOSE OF THIS CONTRACT IS TO MAKE GENERAL IMPROVEMENTS TO VARIOUS ASPHALT ROADS THROUGHOUT SUSSEX COUNTY USING WARM MIX PATCHING METHODS. THESE WARM MIX PATCHING METHODS SHALL INCLUDE SAW CUTTING, MILLING, PAVING, REPLACING DAMAGED REFLECTORIZED PAINT AND ADJUSTING AND REPAIRING DRAINAGE INLETS, MANHOLES, WATER VALVES, AND OTHER UTILITIES. 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(S) REQUIRES NIGHT WORK, THE ASSOCIATED ITEMS WILL BE NEGOTIATED SEPARATELY.

THE SPECIFIC WORK SITES ARE NOT LISTED HEREIN, BUT 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. IT IS ANTICIPATED THAT ALL WORK WILL OCCUR WITHIN DELDOT'S RIGHT OF WAY. SHOULD THE NEED OCCUR TO TRESPASS ONTO RAILROAD PROPERTY, INCLUDING THE HIGHWAY-RAIL CROSSING; IT WILL BE THE RESPONSIBILITY OF THE DELDOT PROJECT MANAGER TO CONTACT THE RAILROAD CHIEF ENGINEER AND OBTAIN WRITTEN AUTHORIZATION BEFORE ENTERING.

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.

4. NO ENVIRONMENTAL PERMITS ARE REQUIRED FOR THIS WORK PROVIDED NO JURISDICTIONAL WETLANDS OR WATERS ARE IMPACTED. IF THERE IS ANY QUESTION AS TO WHETHER OR NOT A WATER OR WETLAND IS JURISDICTIONAL, THE CONTRACTOR SHALL CONTACT THE DELDOT ENVIRONMENTAL SECTION AT 302-760-2280.

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. PAYMENT SHALL BE MADE USING CONTRACT UNIT PRICING OR WHERE NO PRICING IS AVAILABLE, IT SHALL BE NEGOTIATED PRIOR TO 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 SITES), 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.

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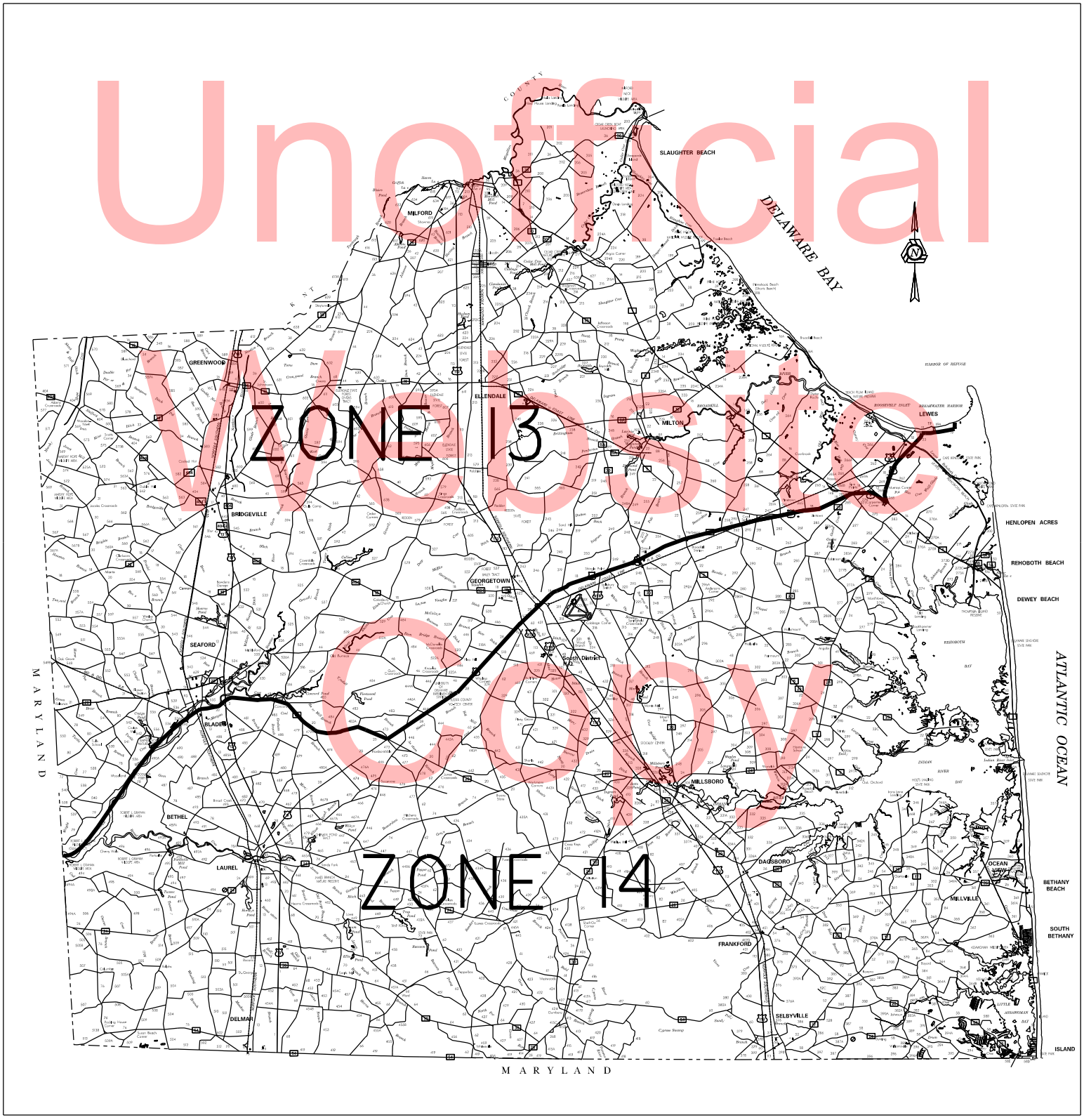
ZONE MAP



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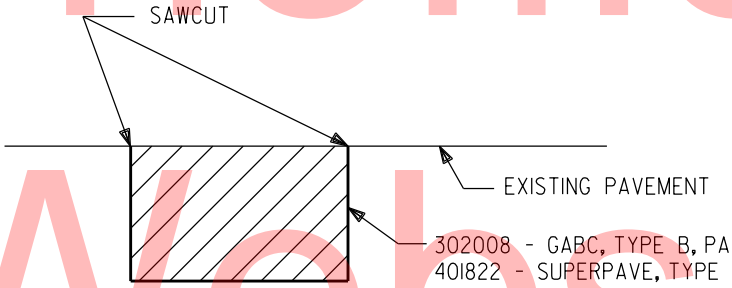
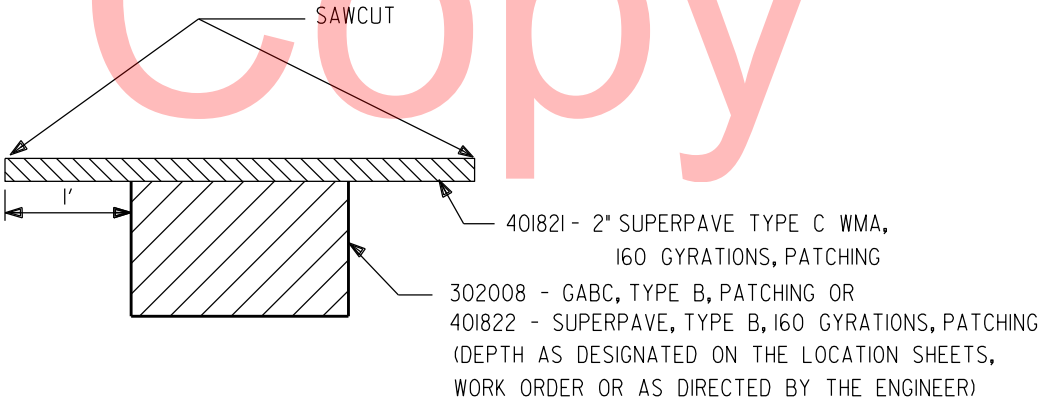
DETAILS SHEET

NOTE: ALL EDGES TO BE SAWCUT. CUTTING BY USE OF AIR HAMMERS MAY BE SUBSTITUTED FOR SAWCUTTING IF THE AREA IS TO BE OVERLAID UNDER THE SAME CONTRACT.
THIS DETAIL SHALL BE USED FOR ALL WARM MIX PATCHES UNLESS OTHERWISE NOTED ON THE PLANS.



WARM MIX PATCH WITH OVERLAY

NOTE: DEPTH OF PATCHING COMMONLY 3" OR 6" OR AS DIRECTED BY THE ENGINEER



WARM MIX PATCH DETAIL (NO OVERLAY)

NOTE: TOTAL DEPTH OF PATCHING COMMONLY 5" OR 8" OR AS DIRECTED BY THE ENGINEER

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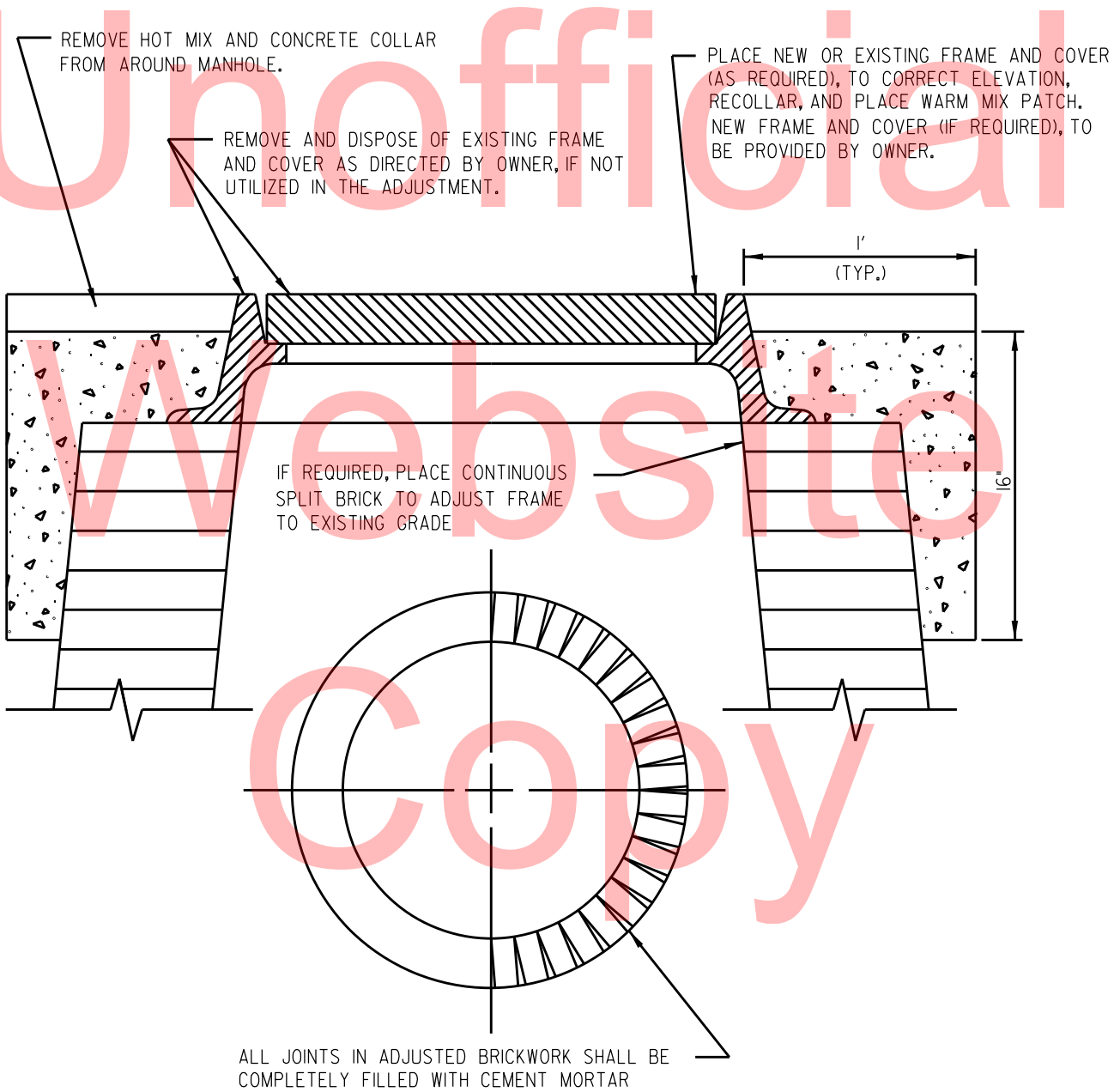
DETAILS SHEET



ADJUSTING MANHOLE

NOTE: MANHOLES IN CONCRETE ROADWAYS SHALL BE SAWCUT FULL DEPTH TO THE SPECIFIED DIMENSIONS PRIOR TO ANY ADJUSTMENT BEING MADE. THE SAWCUTTING SHALL BE INCIDENTAL TO ITEM 710002.

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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 ROADS AND/OR STREETS WITHIN THE DISTRICT HEREIN SPECIFIED. 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 AREA ENGINEER/ 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 ONE CALENDAR YEAR 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 AT THE ORIGINAL UNIT BID PRICES. THE ONE-YEAR EXTENSION MUST BE APPROVED BY BOTH PARTIES IN WRITING AT LEAST 90 DAYS 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. THE DEPARTMENT WILL ATTEMPT TO ISSUE WORK ORDERS SUCH THAT WHEN ONE LOCATION IS COMPLETED THE CONTRACTOR CAN IMMEDIATELY MOVE TO THE NEXT LOCATION. THE DISTRICT WILL MAKE EVERY ATTEMPT TO MINIMIZE THE DISTANCE BETWEEN LOCATIONS. MULTIPLE PATCHES MAY BE ISSUED WITHIN ONE LOCATION AS PER WORK ORDER.

6. THE LOCATIONS OF THE WORK TO BE PERFORMED ARE INCLUDED IN DESIGNATED MOBILIZATION ZONES. THE MOBILIZATION ZONE LIMITS ARE SHOWN ON THE MOBILIZATION ZONE MAP IN THE CONTRACT DOCUMENTS. THE BOUNDARIES OF THE ZONES ARE FORMED BY ROADS, COUNTY LINES, BODIES OF WATER, ETC.

7. ONE MOBILIZATION FEE SHALL BE PAID FOR EACH MOVE INTO A MOBILIZATION ZONE, WHICH SHALL COVER ALL LOCATIONS WITHIN THAT MOBILIZATION ZONE AND ALL WORK ORDERS ISSUED WITHIN THAT ZONE. A SEPARATE MOBILIZATION FEE WILL NOT BE PAID FOR EACH INDIVIDUAL LOCATION. NO MOBILIZATION FEE WILL BE PAID IF A NEW WORK ORDER IS ISSUED WHILE WORK ON A PREVIOUS WORK ORDER IS ONGOING IN THAT ZONE. A SEPARATE MOBILIZATION FEE WILL ONLY BE PAID IF THE CONTRACTOR IS DIRECTED BY THE DEPARTMENT TO MOVE FROM THE MOBILIZATION ZONE IN WHICH

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GENERAL CONTRACT NOTES cont.

THE CONTRACTOR IS PRESENTLY WORKING OR INCLEMENT WEATHER CAUSES A SUBSTANTIAL DELAY IN THE WORK. A SUBSTANTIAL DELAY DUE TO INCLEMENT WEATHER SHALL BE DEFINED AS FOURTEEN OR MORE CALENDAR DAYS. PAYMENT OF ANY MOBILIZATION FEES SHALL BE AGREED UPON BETWEEN THE CONTRACTOR AND THE DEPARTMENT, IN WRITING, PRIOR TO WORK COMMENCING.

8. 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.

9. 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.

10. 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 ACCEPTS THE CONTRACT AFTER THE FINAL INSPECTION. 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 FINAL INSPECTION MAY BE HELD UPON THE COMPLETION OF THAT WORK ORDER.

11. 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.

12. ANY AND ALL CONSTRUCTION ENGINEERING SHALL BE INCIDENTAL TO THE CONTRACT.

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PROJECT AND CONSTRUCTION NOTES

13. UNLESS SPECIFIED, OVERLAY WIDTHS SHALL MATCH EXISTING WIDTHS.

14. WHERE IMPROVEMENTS CALL FOR PLACEMENT OF A 3 ½" WARM MIX OVERLAY, IT SHALL BE INTERPRETED AS 2 SEPARATE LIFTS. (1-¼" TYPE 'C' WARM MIX TO BE PLACED OVER 2 ¼" TYPE 'B' WARM MIX.)

15. THE MINIMUM AND MAXIMUM SINGLE LIFT THICKNESSES OF MATERIALS SHALL BE AS FOLLOWS:
    -TYPE C WARM MIX: 1.25" - 2.00"
    -TYPE B WARM MIX: 2.25" - 4.00"
    -BCBC: 3.00" - 6.00"
    -GABC: 2.00" - 8.00"

16. THE COST OF CLIPPING BACK THE EDGES OF THE ROADWAY, SHOULDERS, AND THE FIRST 3' OF UNPAVED DRIVEWAY ENTRANCES, PICKING UP AND DISPOSING OF WASTE AND EXCESS MATERIAL, AND CLEANING THE EXISTING PAVEMENT PRIOR TO OVERLAY SHALL BE INCIDENTAL TO SECTION 401().

17. BUTT JOINTS SHALL BE PLACED AT ALL INTERSECTING WARM MIX ROADS AND ANY OTHER LOCATIONS AS DIRECTED BY THE ENGINEER. BUTT JOINTS AT DRAINAGE STRUCTURES NOT TO BE RESURFACED SHALL BE AS PER THE INCLUDED PLAN DETAIL OR LOCATION NOTES. BUTT JOINTS CUT PRIOR TO THE DAY OF THE PAVEMENT OVERLAY SHALL BE RAMPED WITH WARM MIX TRM. IN MILLING AREAS, THERE WILL BE NO SEPARATE PAYMENT FOR BUTT JOINTS. AFTER PAVEMENT MILLING, ALL TRANSVERSE VERTICAL DIFFERENCES, RAISED EDGES OF MANHOLES, CATCH BASINS, WATER VALVE BOXES, ETC. SHALL BE RAMPED WITH WARM-MIX TRM AT A 20:1 OR FLATTER SLOPE PRIOR TO OPENING THE ROADWAY TO TRAFFIC. PAVEMENT MILLINGS WILL NOT BE ALLOWED FOR USE AS RAMPING MATERIAL. TRM SHALL BE INCIDENTAL TO THE APPROPRIATE MILLING ITEM.

18. TAPER MILLING IS INTENDED FOR MILLING IN THE AREA OF FIXED STRUCTURES (I.E. CURBS, GUARDRAIL, ETC.) THE MILLED DEPTH AT THE STRUCTURE SHALL BE THE DEPTH OF THE PROPOSED OVERLAY AND 0" AT A DISTANCE OF +/- 6½' FROM THE STRUCTURE. THE COMPUTED DEPTH FOR PAYMENT PURPOSES IS THE AVERAGE OF THE TWO DEPTHS.

19. ALL MILLED MATERIAL SHALL REMAIN THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE STATED.

20. EXCAVATION FOR P.C.C. CURBS, SIDEWALK OR VALLEY GUTTER SHALL BE INCIDENTAL TO THE BID PRICE FOR THESE RESPECTIVE ITEMS. EXCAVATED MATERIAL NOT NEEDED ON THE PROJECT SHALL BE REMOVED FROM THE CONTRACT AT THE CONTRACTORS EXPENSE. ITEM 732004, TOPSOIL, SHALL BE USED AS BACKFILL MATERIAL FOR CURB AND SIDEWALK AS DIRECTED BY THE ENGINEER. TOPSOIL SHALL BE SCREENED/SIFTED SO AS NO MATERIAL GREATER THAN ½" IS PRESENT IN MATERIAL USED FOR BACKFILL.

21. AT EACH LOCATION, BACKFILLING SHALL BE PERFORMED IMMEDIATELY UPON REMOVAL OF FORMS FOR CURB OR SIDEWALK WORK. COMPLETE RESTORATION, TOPSOIL, SEEDING, AND REMOVAL OF ALL MATERIALS FOR CURB & GUTTER OR SIDEWALK; SEALING OF VALLEY GUTTERS AND PARGING OF CATCH BASINS, SHALL BE COMPLETED WITHIN SEVEN (7) CALENDAR DAYS OF COMPLETION OF THE ITEM OF WORK. FAILURE TO COMPLY WILL RESULT IN A SUSPENSION OF ALL OTHER CONTRACT WORK WITH TIME CHARGES CONTINUING TO BE ASSESSED.

22. THE COST OF FINE GRADING, COMPACTING, AND PREPARING EXISTING SHOULDERS FOR PAVING SHALL BE INCIDENTAL TO SECTION 401( ).

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PROJECT AND CONSTRUCTION NOTES cont.

23. THE USE OF A GRADER ON EXISTING SHOULDERS OR EDGE DROP-OFFS AND THE GRADING OF TOPSOIL, MODIFIED, SHALL BE AS DIRECTED BY THE ENGINEER.

24. ITEM 732004, TOPSOIL SHALL BE USED TO FILL SHOULDER AREAS ADJACENT TO NEW WARM MIX ASPHALT PATCHING UNLESS OTHERWISE INSTRUCTED BY THE ENGINEER.

25. ALL ADJUSTMENTS SHALL BE MADE NO MORE THAN SEVEN (7) CALENDAR DAYS PRIOR TO THE PLACEMENT OF THE FINAL COURSE OF WARM MIX UNLESS OTHERWISE APPROVED BY THE ENGINEER. FAILURE TO COMPLY WILL RESULT IN A SUSPENSION OF ALL OTHER CONTRACT WORK WITH TIME CHARGES CONTINUING TO BE ASSESSED.

26. ALL PAVING, INCLUDING TURN LANES, SHOULDERS AND INTERSECTIONS, IS TO BE COMPLETED WITHIN SEVEN (7) CALENDAR DAYS FROM THE TIME THE AREA WAS MILLED. FAILURE TO COMPLY WILL RESULT IN A SUSPENSION OF ALL OTHER CONTRACT WORK WITH TIME CHARGES CONTINUING TO BE ASSESSED.

27. THE CONTRACTOR SHALL TAKE CARE IN REMOVING PAVEMENT AROUND UTILITIES, BUTT JOINTS, CURBS, ETC. SO THAT EXISTING PAVEMENT BEYOND THE SPECIFIED DEPTHS IS NOT DAMAGED. ANY DAMAGE CAUSED BY THE CONTRACTOR'S OPERATIONS MAY RESULT IN PLACING LEVELING COURSES AT THE CONTRACTOR'S EXPENSE. THE REMOVAL AND CLEAN UP OF THE WARM MIX RESIDUE REMAINING AFTER MILLING OPERATIONS SHALL BE INCIDENTAL TO THE MILLING ITEM. THE REMOVAL OF EXISTING RAISED PAVEMENT MARKERS (RPM'S) SHALL BE INCIDENTAL TO THE APPLICABLE MILLING ITEMS.

28. 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.

29. DRAINAGE INLETS, WHICH ARE GREATER THAN 4' IN DEPTH AND ARE SLATED FOR REPAIR WILL HAVE STEPS INSTALLED IN ACCORDANCE WITH OF THE STANDARD SPECIFICATIONS FOR THAT ITEM. PAYMENT SHALL BE INCIDENTAL TO THE UNIT PRICE BID FOR ITEM 710001.

30. DRAINAGE INLET GRATES ADJACENT TO PAVEMENT BEING OVERLAYED AND WHICH ARE NOT THE 45 DEGREE TYPE SHALL BE REPLACED. AT LOCATIONS WHERE NO PATCHING IS DESIGNATED, THIS TYPE OF GRATE SHALL BE REPLACED ONLY WHEN THE CATCH BASIN IS TO BE ADJUSTED AND/OR REPAIRED. THE ACTUAL LOCATIONS, THE NEED FOR ANY GRATE MODIFICATIONS OR FOR NEW FRAMES SHALL BE DETERMINED BY THE ENGINEER. ALL REPLACED GRATES/FRAMES SHALL BE DELIVERED TO THE NEAREST DISTRICT MAINTENANCE YARD WITH THE COST OF DELIVERY INCLUDED IN OTHER APPROPRIATE BID ITEMS. FINAL PAYMENT FOR REPLACED GRATES/FRAMES SHALL NOT BE MADE UNTIL RECEIPT OF DELIVERED MATERIALS IS PRODUCED, SIGNED BY DELDOT MAINTENANCE YARD SUPERVISOR. THIS COST FOR THE WORK SHALL BE NEGOTIATED PRIOR TO THE REPLACEMENT OF ANY DRAINAGE INLET GRATES.

31. THE PORTLAND CEMENT CONCRETE USED WITHIN ITEMS 710001, 710002 AND 750000 SHALL CONFORM TO THE REQUIREMENTS OF CLASS A CONCRETE AS STATED WITHIN SECTION 503.02 OF THE DEPARTMENT'S STANDARD SPECIFICATIONS.

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MAINTENANCE OF TRAFFIC AND PAVEMENT MARKINGS

1. 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).

2. 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.

3. 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.

4. 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.

5. 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.

6. 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.

7. 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.

8. 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.

9. 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.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS/HER WORK WITH OTHER CONTRACTORS IN THE AREA.

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MAINTENANCE OF TRAFFIC AND PAVEMENT MARKINGS cont.

11. 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.

12. 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 IS REQUIRED, NOTIFICATION MUST BE GIVEN TO SUSSEX COUNTY, THE LOCAL FIRE FIGHTING AUTHORITIES, AND THE 911 CENTER.

13. 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.

14. 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.

15. 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.

16. 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.

17. 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.

18. 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.

19. 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.

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MAINTENANCE OF TRAFFIC AND PAVEMENT MARKINGS cont.

20. 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.

21. 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.

22. 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.

23. ALL STORAGE OF EQUIPMENT AND MATERIAL SHALL COMPLY WITH SECTION 6G.21 OF THE TRAFFIC CONTROL MANUAL.

24. ALL FLAGGERS SHALL COMPLY WITH CHAPTER 6E OF THE TRAFFIC CONTROL MANUAL.

25. THE DEPARTMENT WILL PROVIDE STRIPING LAYOUT AT LOCATIONS WHERE NO PAVEMENT MARKINGS PREVIOUSLY EXISTED. IF DEPARTMENT FORCES PROVIDE STRIPING LAYOUT ON LOCATIONS WHERE MARKINGS PREVIOUSLY EXISTED, THEN THE CONTRACTOR SHALL REIMBURSE THE DEPARTMENT FOR THE LAYOUT COSTS.

26. FINAL PAVEMENT MARKINGS SHALL CONFORM TO ALL EXISTING PATTERNS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE FINAL PAVEMENT MARKINGS SHALL BE PLACED WITHIN FIVE (5) CALENDAR DAYS AFTER THE COMPLETION OF THE PATCH. FAILURE TO COMPLY WILL RESULT IN SUSPENSION OF ALL OTHER CONTRACT WORK WITH TIME CHARGES CONTINUING TO BE ASSESSED.

27. WHITE EDGE LINES SHALL BE PLACED IN ACCORDANCE WITH PART 3 OF THE TRAFFIC CONTROL MANUAL. YELLOW CENTERLINES SHALL BE CONTINUOUS AROUND MEDIAN ISLANDS.

28. ANY ERRONEOUS MARKING WILL NOT BE PAID FOR AND SHALL BE CORRECTED IMMEDIATELY AT THE CONTRACTORS EXPENSE. ERRONEOUS MARKINGS OR SHADOWS THAT EXCEED ONE (1) INCH IN WIDTH SHALL BE REMOVED BY EITHER SAND OR WATER BLASTING. NO OTHER REMOVAL METHODS WILL BE ALLOWED. AN ASPHALT SEALER SHALL BE APPLIED IN THE AREA OF THE REMOVED MARKING TO MASK THE REPAIR. ANY DAMAGE TO THE PAVEMENT CAUSED BY REMOVAL OF ERRONEOUS MARKINGS SHALL BE REPAIRED / REPLACED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTORS EXPENSE.

29. AT THE END OF EACH DAY'S OPERATION AND BEFORE TRAFFIC IS RETURNED TO UNRESTRICTED ROADWAY USE, TEMPORARY STRIPING SHALL BE UTILIZED AT LOCATIONS THAT REQUIRE PERMANENT STRIPING. TEMPORARY PAVEMENT STRIPING MUST MATCH PERMANENT PAVEMENT STRIPING IN ALL REGARDS. TEMPORARY PAVEMENT MARKINGS SHALL BE PAID AT THE APPLICABLE CONTRACT UNIT PRICE. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE TEMPORARY MARKINGS IN GOOD CONDITION SUCH THAT THE PAVEMENT IS PROPERLY DELINEATED AT ALL TIMES. ANY REFRESHING OF THE TEMPORARY MARKINGS WILL BE AT THE CONTRACTOR'S EXPENSE.

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MAINTENANCE OF TRAFFIC AND PAVEMENT MARKINGS cont.

30. PRIOR TO THE START OF WORK, THE CONTRACTOR SHALL BE REQUIRED TO SHOW PROOF THAT HE HAS SUFFICIENT APPROVED STRIPING MATERIALS ON HAND TO ENSURE STRIPING IS COMPLETED PRIOR TO FULLY OPENING ROADWAY TO TRAFFIC.

31. ALL MARKINGS THAT ARE NO LONGER IN USE AND CONFLICT WITH THE PAVEMENT MARKINGS IN USE BY THE TRAVELING PUBLIC ARE TO BE REMOVED AND MUST BE COMPLETELY OBLITERATED BY A METHOD APPROVED BY THE ENGINEER. PAINTING OVER THE CONFLICTING STRIPING WILL NOT BE ACCEPTED AS A METHOD OF REMOVAL. MAINTENANCE OF TRAFFIC, UNLESS OTHERWISE NOTED IN THE APPROVED PLANS, SHALL CONFORM TO THE APPROPRIATE TRAFFIC CONTROL TYPICAL APPLICATION FOUND IN THE LATEST VERSION OF THE TRAFFIC CONTROL MANUAL.

32. TRAFFIC DETECTION LOOPS SHALL BE PLACED IN THE FINAL WEARING SURFACE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

33. TRAFFIC DETECTION LOOPS THAT ARE CURRENTLY 5’x7’ SHALL BE REPLACED WITH LOOPS THAT ARE 6’x6’ AT THE SAME LOCATION. STOP BAR DETECTION LOOPS SHALL BE THE SAME SIZE AS CURRENTLY EXISTING, AND SHOULD BE PLACED STARTING TWO FEET BEHIND THE STOP BAR, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. IF SEPARATE SIGNAL PLANS HAVE BEEN DEVELOPED, THE PLANS SUPERSEDE THIS NOTE.

34. STOP LINES “BARS” SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 3B.16 OF THE LATEST TRAFFIC CONTROL MANUAL.

35. ALL CROSSWALKS SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 3B.18 OF THE LATEST TRAFFIC CONTROL MANUAL.

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SOUTH MAINTENANCE BITUMINOUS CONCRETE PATCHING, OPEN END, SOUTH, 2015

LOCATION 1 (VARIOUS LOCATIONS THROUGHOUT SUSSEX COUNTY) FROM TO

LENGTH

GENERAL IMPROVEMENTS

BITUMINOUS CONCRETE PATCHING

COMMENTS:

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MATERIAL ESTIMATE FOR LOCATION 1

212001	UNDERCUT EXCAVATION, PATCHING	25.00 C.Y.
302008	GRADED AGGREGATE BASE COURSE, TYPE B, PATCHING	200.00 C.Y.
401532	PAVING SURCHARGE, ZONE 13	2,600.00 TON
401533	PAVING SURCHARGE, ZONE 14	2,600.00 TON
401821	BITUMINOUS CONCRETE, SUPERPAVE, TYPE C, 160 GYRATIONS, PG 64-22, PATCHING	2,400.00 TON
401822	BITUMINOUS CONCRETE, SUPERPAVE, TYPE B, 160 GYRATIONS, PG 64-22, PATCHING	2,800.00 TON
406001	BITUMINOUS CONCRETE PATCHING	44,000.00 SY-IN
406507	CRACK SEALING	1,200.00 L.F.
710001	ADJUSTING AND REPAIRING EXISTING DRAINAGE INLET	5.00 EACH
710002	ADJUSTING AND REPAIRING EXISTING MANHOLE	5.00 EACH
732004	TOPSOIL (TON)	40.00 TON
734013	PERMANENT GRASS SEEDING, DRY GROUND	500.00 S.Y.
743003	ARROWPANELS, TYPE C	50.00 EA-DY
743006	PLASTIC DRUMS	250.00 EA-DY
743007	** TRAFFIC OFFICERS	30.00 HOUR
743010	FURNISH AND MAINTAIN TRUCK MOUNTED ATTENUATOR, TYPE II	120.00 EA-DY
743024	TEMPORARY WARNING SIGNS AND PLAQUES	800.00 EA-DY
743052	** FLAGGER, SUSSEX COUNTY, STATE	1,800.00 HOUR
743064	** FLAGGER, SUSSEX COUNTY, STATE, OVERTIME	120.00 HOUR
746924	FURNISH & INSTALL LOOP WIRE 1-CONDUCTOR #14 AWG ENCASED IN 1/4" FLEXIBLE TUBING IN A LOOP SAWCUT	150.00 L.F.
748015	PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND ALKYD-THERMOPLAST IC	200.00 S.F.
748019	TEMPORARY MARKINGS, PAINT, 4"	5,000.00 L.F.
748026	TEMPORARY MARKINGS, PAINT SYMBOL/LEGEND	200.00 S.F.
748502	RAISED/RECESSED PAVEMENT MARKER	100.00 EACH
748548	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/YELLOW, 5"	6,500.00 L.F.
750000	ADJUST WATER VALVE BOXES	5.00 EACH
761001	BUTT JOINTS, HOT MIX	50.00 S.Y.

SOUTH MAINTENANCE BITUMINOUS CONCRETE PATCHING, OPEN END, SOUTH, 2015

LOCATION 1 **(VARIOUS LOCATIONS THROUGHOUT SUSSEX COUNTY) FROM TO**

LENGTH

GENERAL IMPROVEMENTS

BITUMINOUS CONCRETE PATCHING

COMMENTS:

Unofficial Website Copy

MATERIAL ESTIMATE FOR LOCATION 1

762001	SAW CUTTING, HOT MIX	1,000.00 L.F.
763556	ROAD LOCATION MOBILIZATION, ZONE 13	3.00 EACH
763557	ROAD LOCATION MOBILIZATION, ZONE 14	3.00 EACH

** DENOTES FIXED PRICE ITEM

CONTRACT QUANTITIES SUMMARY SHEET

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710002	ADJUSTING AND REPAIRING EXISTING MANHOLE	5.00 EACH
732004	TOPSOIL (TON)	40.00 TON
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750000	ADJUST WATER VALVE BOXES	5.00 EACH
761001	BUTT JOINTS, HOT MIX	50.00 S.Y.
762001	SAW CUTTING, HOT MIX	1,000.00 L.F.

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CONTRACT QUANTITIES SUMMARY SHEET

763000	INITIAL EXPENSE	LUMP SUM
763556	ROAD LOCATION MOBILIZATION, ZONE 13	3.00 EACH
763557	ROAD LOCATION MOBILIZATION, ZONE 14	3.00 EACH

** DENOTES FIXED PRICE ITEM

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