

THE STATE OF DELAWARE



DEPARTMENT OF TRANSPORTATION
OFFICE OF TRANSPORTATION SOLUTIONS
CONSTRUCTION PLANS AND SPECIFICATIONS FOR

PAVEMENT & REHABILITATION, SUSSEX I, (HARDSCRABBLE & CONCORD), 2025

CONTRACT NUMBER - T202506301

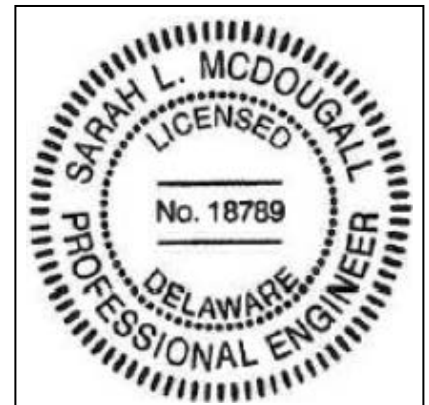
UNIFIER PROJECT ID – 2025-00014

FEDERAL AID NUMBER - ESTP-2025(07)

COUNTY: SUSSEX

PLANS PREPARED BY: Paul Farkas
DESIGNER

Sarah McDougall 7/31/2025
DELDOT – TRANSPORTATION SOLUTIONS DATE
PAVEMENT MANAGEMENT - (PM)



THIS SEAL APPLIES TO ALL SHEETS
BEARING THE "PM" SECTION
DESIGNATION

APPROVED FOR ADVERTISEMENT

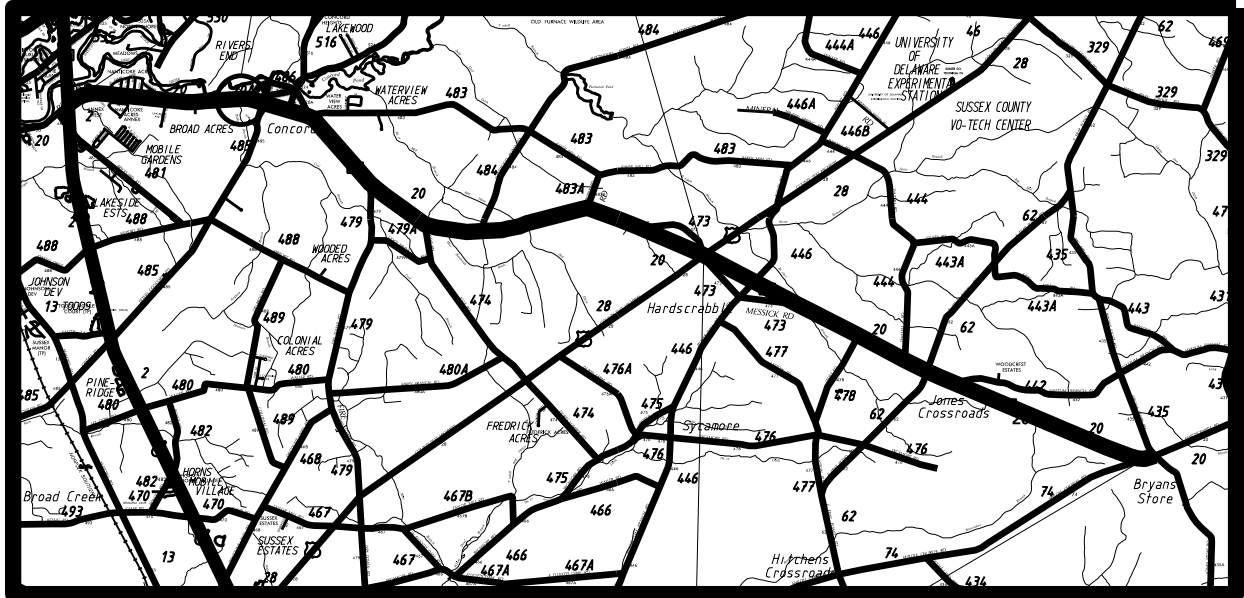
Michael Lygo 08/04/2025
DIRECTOR OF TRANSPORTATION SOLUTIONS DATE

Multiple Locations

LOCATION MAP

Location 1
Bridge 3-243 over Tubbs Branch
on SR20, Concord Rd.

Location 2
SR20, Concord Rd
from US13, Sussex Hwy
to SR9, County Seat Hwy.



Location 3
SR20, Hardscrabble Rd
from SR9, County Seat Hwy
to Bryans Store Rd.

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**CONTRACT NUMBER- T202506301 SOUTH MAINTENANCE (PM) PAGE 3 OF 26
PAVEMENT & REHABILITATION, SUSSEX I, (HARDSCRABBLE & CONCORD), 2025**

GENERAL CONTRACT PLAN NOTES

REVISED - JULY 2025

GENERAL

1. THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE DELAWARE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS - **JANUARY 2025** FOR ROAD AND BRIDGE CONSTRUCTION AND THE DELAWARE DEPARTMENT OF TRANSPORTATION STANDARD CONSTRUCTION DETAILS **DATED 2025**, INCLUDING ALL REVISIONS UP TO THE DATE OF ADVERTISEMENT.

2. THE PURPOSE OF THIS CONTRACT IS TO MAKE GENERAL IMPROVEMENTS TO ROADS AND/OR STREETS WITHIN THE DISTRICT HEREIN SPECIFIED. DEPENDING ON FUND AVAILABILITY, THE DEPARTMENT RESERVES THE RIGHT TO ADD OR DELETE LOCATIONS AND/OR QUANTITIES FOR THIS CONTRACT. SUCH LOCATION OR 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. 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.

4. THE CONTRACTOR SHALL SUBMIT THE REQUIRED COPIES OF A DETAILED PROGRESS SCHEDULE (PSC) AS OUTLINED IN DELDOT STANDARD SPECIFICATION 108.4 PRIOR TO OR AT THE PRECONSTRUCTION MEETING. DETAILS SHALL INCLUDE A DESCRIPTION OF EACH WORK ACTIVITY, THE PLANNED DAYS OF WORK, MULTIPLE CREWS OR SHIFTS, AND SCHEDULED WORKING HOURS. 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. FAILURE TO COMPLY WILL RESULT IN A SUSPENSION OF ALL CONTRACT WORK WITH TIME CHARGES CONTINUING TO BE ASSESSED.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE REQUIRED CLEARANCES AND INSURANCES FOR EACH RAILWAY COMPANY INVOLVED IF THE RAILROAD PROPERTY AND/OR FACILITIES ARE LOCATED WITHIN OR NEAR THE PROPOSED LIMITS OF WORK AND/OR IF THE PROPOSED WORK ENCROACHES UPON THE

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PAVEMENT & REHABILITATION, SUSSEX I, (HARDSCRABBLE & CONCORD), 2025**

GENERAL CONTRACT PLAN NOTES

RAILROAD'S RIGHT-OF-WAY, IN ACCORDANCE WITH DELDOT MAINTENANCE OF RAILROAD TRAFFIC ITEM NO. 801501. THE CONTRACTOR MUST CONTACT DELDOT'S RAILROAD SECTION MANAGER AT **(302) 659-4098** PRIOR TO ANY WORK STARTED TO COORDINATE THE EXECUTION OF THE APPROPRIATE AGREEMENTS AND AUTHORIZATIONS REQUIRED FROM ANY RAILWAY COMPANY INVOLVED, INCLUDING COORDINATION FOR RAILROAD FLAGGING, IF NECESSARY.

MAINTENANCE OF TRAFFIC

6. PERMANENT ADVANCE WARNING SIGNS WITH THE LEGENDS "ROAD WORK AHEAD" SHALL BE PLACED ON THE APPROACHES TO THE WORK AREA AND "END ROAD WORK" SIGNS SHALL BE PLACED BEYOND THE WORK AREA LIMITS IN BOTH DIRECTIONS. ON ALL INTERSECTING ROADS, INSTALL "ROAD WORK AHEAD" SIGNS 500 FEET IN ADVANCE OF THE WORK AREA AND "END ROAD WORK" SIGNS 500 FEET BEYOND THE WORK AREA. THE USE OF SKID-MOUNTED SIGN SUPPORTS IS NOT ALLOWED UNLESS THE CONTRACTOR CAN DEMONSTRATE THAT A UTILITY CONFLICT EXISTS AND/ OR CONCRETE MEDIANS PREVENT THE INSTALLATION OF THE PERMANENT SIGNS IN THE APPROPRIATE LOCATION WHICH SHALL BE VERIFIED BY THE ENGINEER.

7. PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) SHALL BE PLACED IN BOTH DIRECTIONS 10 DAYS IN ADVANCE OF CONSTRUCTION THROUGH 5 DAYS AFTER THE START OF CONSTRUCTION, AS WELL AS PRIOR TO ANY MAJOR TRAFFIC PATTERN CHANGES. ALL PCMS MESSAGES AND LOCATIONS SHALL BE APPROVED BY THE DISTRICT SAFETY OFFICER.

8. THE CONTRACTOR SHALL BE REQUIRED TO SHOW PROOF THAT HE HAS SUFFICIENT APPROVED STRIPING MATERIALS ON HAND TO ENSURE STRIPING IS COMPLETED PRIOR TO FULL OPENING ROADWAY TO TRAFFIC.

9. AT THE END OF EACH DAY'S OPERATION AND BEFORE TRAFFIC IS RETURNED TO UNRESTRICTED ROADWAY USE, TEMPORARY STRIPING SHALL BE APPLIED AT LOCATIONS THAT REQUIRE PERMANENT STRIPING AND IN ACCORDANCE WITH THE TEMPORARY PAVEMENT MARKING POLICY. TEMPORARY PAVEMENT STRIPING MUST MATCH PERMANENT PAVEMENT STRIPING IN ALL REGARDS. 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.

10. ALL WORK SHALL BE PERFORMED IN A MANNER THAT WILL REASONABLY PROVIDE THE LEAST PRACTICABLE OBSTRUCTION TO ALL ROAD USERS, INCLUDING VEHICULAR, PEDESTRIAN AND BICYCLE TRAFFIC, AND SHALL CONFORM TO THE REQUIREMENTS OF THE 2011 DELAWARE MANUAL ON UNIFORM

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GENERAL CONTRACT PLAN NOTES

TRAFFIC CONTROL DEVICES, PART 6, INCLUDING ALL REVISIONS UP TO THE DATE OF ADVERTISEMENT FOR BIDS.

11. 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 AND/OR TA-29 OF THE 2011 DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. PEDESTRIAN DETOUR ROUTES OR ALTERNATE PEDESTRIAN FACILITIES SHALL CONSIST OF ADA COMPLIANT FACILITIES TO THE LEVEL OF WHICH EXISTS ON THE PEDESTRIAN ROUTE. THIS WORK SHALL BE INCIDENTAL TO ITEM 801500 - MAINTENANCE OF TRAFFIC, ALL INCLUSIVE.

PEDESTRIAN MAINTENANCE OF TRAFFIC: THIS WORK SHALL CONSIST OF PROVIDING AND MAINTAINING AN ACCESSIBLE PEDESTRIAN ROUTE THROUGHOUT THE PROJECT'S LIMITS IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT OF 1990 (ADA) TITLE II, PARAGRAPH 35.130.

THE CONTRACTOR SHALL BE REQUIRED TO REVIEW EACH CURB RAMP LOCATION AND SUBMIT THE APPROPRIATE MAINTENANCE OF TRAFFIC DETAIL AND LIST OF DEVICES TO THE ENGINEER FOR EACH LOCATION AT LEAST 2 WEEKS PRIOR TO THE START OF CONSTRUCTION FOR REVIEW, COMMENT, AND APPROVAL.

THE FOLLOWING CONSIDERATIONS SHALL BE TAKEN INTO ACCOUNT WHEN ADDRESSING ACCESSIBLE PEDESTRIAN MAINTENANCE OF TRAFFIC:

- ALL PEDESTRIANS, INCLUDING PERSONS WITH DISABILITIES, SHALL BE PROVIDED WITH A REASONABLY SAFE, CONVENIENT AND ACCESSIBLE PATH THAT REPLICATES AS MUCH AS PRACTICABLE, THE EXISTING PEDESTRIAN FACILITIES.
- PROVIDE PEDESTRIAN ACCESS THROUGH OR AROUND THE WORK ZONE. IF A DETOUR IS CHOSEN, THE CONTRACTOR MUST SUBMIT THE DETOUR ROUTE TO THE ENGINEER FOR REVIEW AND APPROVAL. THE DETOUR ROUTE MUST MEET OR EXCEED THE CURRENT CONDITIONS.
- PHASE WORK SO THAT ALL AREAS OF AN INTERSECTION/SIDEWALK PATH ARE NOT UNDER CONSTRUCTION AT THE SAME TIME UNLESS A CLEAR PATH IS PROVIDED AND IDENTIFIED.
- TRAFFIC CONTROL DEVICES AND OTHER CONSTRUCTION MATERIALS AND FEATURES SHALL NOT INTRUDE INTO THE USABLE WIDTH OF THE SIDEWALK, TEMPORARY PATHWAY OR OTHER PEDESTRIAN FACILITY.

A SMOOTH, CONTINUOUS HARD SURFACE SHALL BE PROVIDED THROUGHOUT THE ENTIRE LENGTH AND WIDTH OF THE PEDESTRIAN ROUTE THROUGHOUT CONSTRUCTION. THERE SHALL BE NO CURBS OR VERTICAL

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GENERAL CONTRACT PLAN NOTES

ELEVATION CHANGES GREATER THAN ¼ IN. IN GRADE OR TERRAIN THAT COULD CAUSE TRIPPING OR BE A BARRIER TO WHEELCHAIR USE.

12. THE USE OF MILLINGS AND GRADED AGGREGATE BASE COURSE (GABC) IN THE TRAVEL WAY, TEMPORARY TRAVEL WAY, HIGH VOLUME ENTRANCES AND ACCESS RAMP FOR THE PURPOSE OF PROVIDING A TEMPORARY ROADWAY SURFACE, POTHOLE REPAIR, TAPERED EDGE FOR UTILITIES, BUTT JOINTS, AND LONGITUDINAL DROP-OFFS (MILLING AND PAVING OPERATIONS) IS PROHIBITED UNLESS IT IS OTHERWISE DESIGNATED TO BE USED IN THE CONTRACT PLANS. USE COLD PATCH, BITUMINOUS CONCRETE, BITUMINOUS CONCRETE WEDGE, OR TAPER MILL, AS NOTED IN THE CONTRACT DOCUMENTS OR APPROVED BY THE ENGINEER. PAYMENT FOR COLD PATCH, BITUMINOUS CONCRETE OR BITUMINOUS CONCRETE WEDGE SHALL BE PAID AS NOTED IN THE CONTRACT DOCUMENTS. TAPER MILL BITUMINOUS CONCRETE SHALL BE PAID UNDER THE BITUMINOUS CONCRETE MILLING ITEM.

MILLINGS OR GABC SHALL BE USED AT THE FOLLOWING LOCATIONS WHERE ACCESS TO A BUSINESS, RESIDENCE, OR EDGE DROP OFF NEEDS TO BE MAINTAINED UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE ENGINEER TO USE BITUMINOUS CONCRETE OR COLD PATCH. ALL MILLINGS AND GABC WILL BE ROLLED AND COMPACTED TO HELP PREVENT THE MATERIAL FROM UNRAVELLING:

- a. DRIVEWAYS
- b. ENTRANCES
- c. LOW VOLUME ACCESS RAMPS (IDENTIFIED IN THE CONTRACT DOCUMENTS)
- d. EDGE DROP-OFFS ADJACENT TO LIVE ROADWAY(LANES AND SHOULDER) AND THE PROPOSED ROAD CONSTRUCTION
- e. EDGE OF ROADWAY DROP-OFF

GRADING AND MAINTAINING BASE COURSE THAT IS BEING USED FOR ROADWAY WEDGE/FILLET BETWEEN TRAVEL LANES AND PAVEMENT BOX, EDGE OF TRAVELWAY, DRIVEWAY OR ENTRANCE ACCESS SHALL BE INCIDENTAL TO ITEM NO. 801500 - MAINTENANCE OF TRAFFIC. THE BASE COURSE MATERIAL SHALL BE PLACED AT NO GREATER THAN THE SLOPE SPECIFIED IN TABLE 6G-1 AND SHALL BE COMPACTED. EXCESS BASE COURSE MATERIAL SHALL BE PUSHED AHEAD AND USED IN THE NEXT SEGMENT AND SHALL BE INCIDENTAL TO THE PARTICULAR BASE COURSE PAY ITEM. NO SEPARATE PAYMENT SHALL BE MADE FOR MILLINGS OR GABC TEMPORARY ROADWAY MATERIAL (TRM) USED TO PROTECT EDGE DROP-OFFS, UNLESS THE MATERIAL IS EVENTUALLY UTILIZED AS PART OF A PERMANENT ROADWAY AT WHICH TIME THE MATERIAL WOULD BE PAID FOR UNDER THE RESPECTIVE CONTRACT MATERIAL ITEM.

VERTICAL DIFFERENCES SHALL BE CORRECTED IN ACCORDANCE WITH TABLE 6G-1 OF THE DELAWARE MUTCD.

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GENERAL CONTRACT PLAN NOTES

13. THE CONTRACTOR SHALL HAVE AN ATSSA SUPERVISOR ASSIGNED TO THIS PROJECT AND THAT PERSON'S SOLE RESPONSIBILITY SHALL BE THE MANAGEMENT AND SUPERVISION OF THE PROJECT'S TEMPORARY TRAFFIC CONTROL ACTIVITIES. THIS PERSON SHALL NOT HAVE ANY OTHER ROLE ON THE PROJECT. RESPONSIBILITIES AND REQUIREMENTS OF THE ATSSA SUPERVISOR ARE DEFINED IN SECTION 812 OF THE STANDARD SPECIFICATIONS. PAYMENT FOR ATSSA SUPERVISOR IS INCIDENTAL TO ITEM 801500.

PAVEMENT MARKINGS

14. APPROVED SIGNING AND STRIPING PLANS WILL BE PROVIDED BY THE DEPARTMENT THROUGH THE TRAFFIC DESIGN SECTION. IF ANY CHANGES TO THE FINAL PAVEMENT MARKINGS ARE REQUIRED THEY WILL NEED TO BE SUBMITTED AND REVIEWED BY THE DEPARTMENT'S TRAFFIC SECTION FOR APPROVAL. FINAL PAVEMENT MARKINGS SHALL CONFORM TO THE APPROVED SIGNING AND STRIPING PLANS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

UNLESS OTHERWISE DIRECTED BY THE ENGINEER, WHITE EDGE LINES SHALL WRAP AROUND THE RADIUS OF ALL SIDE STREETS AND MAJOR COMMERCIAL ENTRANCES TO A TANGENT POINT. YELLOW CENTERLINES SHALL BE CONTINUOUS AROUND MEDIAN ISLANDS. ALL DOUBLE YELLOW CENTERLINES SHALL BE PLACED IN A 6-6-6 CONFIGURATION (2 EACH, 6" YELLOW STRIPES WITH A 6" GAP BETWEEN).

15. 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 AS DIRECTED BY THE ENGINEER. NO OTHER REMOVAL METHODS WILL BE ALLOWED. A FLAT BLACK PAINT OR DRIVEWAY 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.

16. STOP LINES "BARS" SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 3B.16 OF THE 2011 DELAWARE MUTCD.

17. ALL CROSSWALKS SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 3B.18 OF THE 2011 DELAWARE MUTCD.

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PAVEMENT & REHABILITATION, SUSSEX I, (HARDSCRABBLE & CONCORD), 2025**

GENERAL CONTRACT PLAN NOTES

TRAFFIC SIGNAL NOTES

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

19. 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.

PROJECT

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

21. 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 THE PAVING ITEMS. PREPARING UNPAVED DRIVEWAY ENTRANCES BEYOND THE FIRST 3' SHALL BE PAID UNDER THE APPROPRIATE CONTRACT ITEMS: 202000 AND/OR 301003.

22. BUTT JOINTS SHALL BE PLACED AT ALL INTERSECTING HOT 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 HOT 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 HOT-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.

23. 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.

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**CONTRACT NUMBER- T202506301 SOUTH MAINTENANCE (PM) PAGE 9 OF 26
PAVEMENT & REHABILITATION, SUSSEX I, (HARDSCRABBLE & CONCORD), 2025**

GENERAL CONTRACT PLAN NOTES

24. MILLING OF THE BITUMINOUS ASPHALT PAVEMENT IN PREPARATION FOR THE OVERLAY SHALL INCLUDE MILLING OF EXISTING CONCRETE PATCHES AND/OR COMPOSITE PAVEMENT AND IS INCIDENTAL TO ITEM 76001X, PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT.

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

26. EXCAVATION FOR P.C.C. CURBS, SIDEWALK OR VALLEY GUTTER SHALL BE INCIDENTAL TO THE RESPECTIVE ITEMS. EXCAVATED MATERIAL, NOT NEEDED ON THE PROJECT, SHALL BE REMOVED FROM THE PROJECT SITE AT THE CONTRACTORS EXPENSE. ITEM 908001 - 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 .5" IS PRESENT IN MATERIAL USED FOR BACKFILL. 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.

27. ALL ADJUSTMENTS SHALL BE MADE NO MORE THAN SEVEN (7) CALENDAR DAYS PRIOR TO THE PLACEMENT OF THE FINAL COURSE OF HOT 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.

28. 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.

29. THE CONTRACTOR SHALL TAKE CARE IN REMOVING PAVEMENT AROUND UTILITIES, BUTT JOINTS, CURBING, 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 HOT MIX RESIDUE WEDGE 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 AND/OR RECLAMATION ITEMS.

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PAVEMENT & REHABILITATION, SUSSEX I, (HARDSCRABBLE & CONCORD), 2025

GENERAL CONTRACT PLAN NOTES

30. ALL PORTLAND CEMENT CONCRETE MUST BE RECEIVED FROM AN APPROVED PRODUCTION PLANT. 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.

31. ALL DRAINAGE INLETS WHICH ARE SLATED FOR REPAIR WILL HAVE THE FLOW CHANNEL INSTALLED AND DRAINAGE INLETS 4' OR GREATER IN DEPTH WILL ALSO HAVE THE STEPS INSTALLED IN ACCORDANCE WITH SECTION 602.3.B.8 OF THE STANDARD SPECIFICATIONS. PAYMENT SHALL BE INCIDENTAL TO THE UNIT PRICE BID FOR ITEM 602130 AND/OR 602504.

32. THE PORTLAND CEMENT CONCRETE USED WITHIN ITEM 602132 - ADJUST AND REPAIR EXISTING MANHOLES AND ITEM 710002 - ADJUST WATER VALVE BOX SHALL CONFORM TO THE REQUIREMENTS OF CLASS A CONCRETE AS STATED WITHIN SECTION 1022 OF THE DEPARTMENT'S STANDARD SPECIFICATIONS.

33. In order to maintain effective communication with the traveling public, only place signs, banners, flags, or other displays within the projects limits that meet the requirements of the latest version of the Delaware Manual on Uniform Traffic Control Devices. Any signs or other materials which deviate from the MUTCD, must be preapproved by the Engineer. The only signage and materials which may be displayed upon vehicles and equipment within the Project area are signs denoting the name of the Contractor and any subcontractors and other signs and/or materials required and approved pursuant to the MUTCD and the Engineer. Contractor shall immediately remove any signs or materials within the Project that does not meet these requirements immediately upon notification by the Engineer. Failure to remove signs or other materials following notification from the Engineer will result in Liquidated Damages being assessed in the manner and amount specified in the Standard Specifications section 108.9A.

DELAWARE DEPARTMENT OF TRANSPORTATION

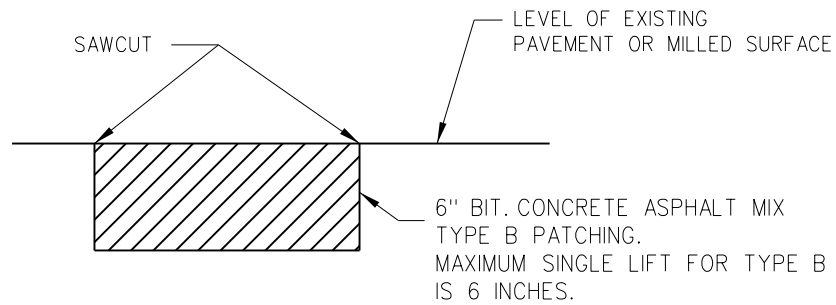
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SOUTH
MAINTENANCE

Multiple Locations

DETAILS SHEET



BITUMINOUS CONCRETE MIX PATCH DETAIL

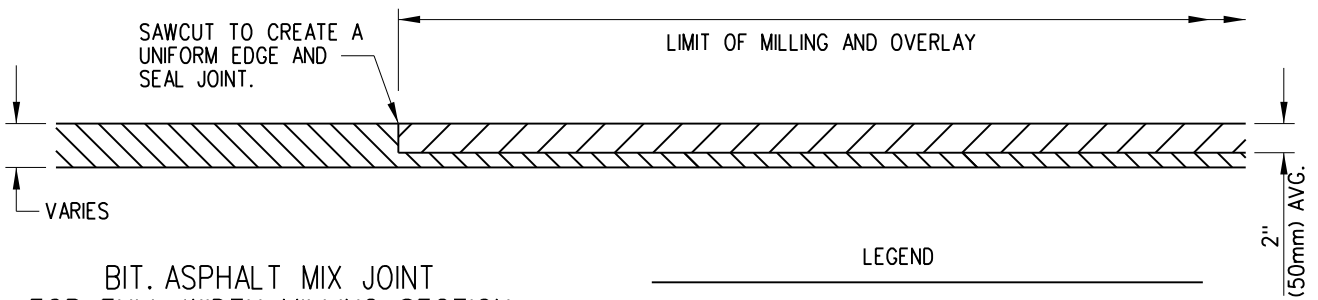
N.T.S.

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 HOT-MIX PATCHES UNLESS OTHERWISE SHOWN ON THE PLANS.

SOUTH
MAINTENANCE

Multiple Locations

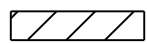

DETAILS SHEET

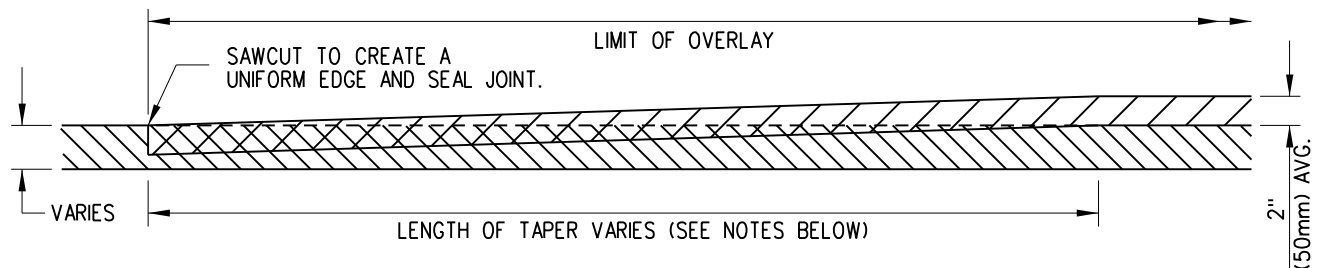


BIT. ASPHALT MIX JOINT
FOR FULL WIDTH MILLING SECTION

1. SAWCUT SHALL BE PAID UNDER ITEM 76200X.
2. JOINT SEALING SHALL BE PAID UNDER ITEM 404001.

LEGEND

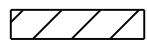


-  — PROPOSED FULL WIDTH MILLING AND BIT. ASPHALT MIX OVERLAY
-  — EXISTING PAVEMENT (TO REMAIN)



BIT. ASPHALT MIX JOINT
FOR OVERLAY SECTION

1. SAWCUT SHALL BE PAID UNDER ITEM 76200X.
2. JOINT SEALING SHALL BE PAID UNDER ITEM 404001.

LEGEND

-  — PROPOSED OVERLAY
-  — EXISTING PAVEMENT
-  — EXISTING PAVEMENT TO BE REMOVED

NOTES:

- THE FOLLOWING LENGTHS ARE BASED ON THE POSTED SPEED OF THE ROADWAY:
1. EQUAL TO OR GREATER THAN 55 MPH = 40 FT (9.1m) PER 1" (25mm) OF OVERLAY DEPTH.
 2. LESS THAN 55 MPH = 30 FT (6m) PER 1" (25mm) OF OVERLAY DEPTH.
 3. AT STOP SIGNS = 15 FT (4.6m) PER 1" (25mm) OF OVERLAY DEPTH.

BITUMINOUS ASPHALT MIX JOINT DETAILS

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SOUTH MAINTENANCE PAVEMENT & REHABILITATION, SUSSEX I, (HARDSCRABBLE & CONCORD),
2025

LOCATION 1 BRIDGE 3-243 ON SR20, CONCORD RD (S20)
LENGTH AADT 6918
GENERAL IMPROVEMENTS
BRIDGE REHABILITATION OVER TUBBS BRANCH, BRIDGE 3-243.

COMMENTS:

Please see attached sheets for comments

MATERIAL ESTIMATE FOR LOCATION 1

201000	CLEARING AND GRUBBING	1.00	L.S.
202000	EXCAVATION AND EMBANKMENT	13.00	C.Y.
203000	CHANNEL EXCAVATION	51.00	C.Y.
208000	FLOWABLE FILL	5.00	C.Y.
209002	BORROW, TYPE B	160.00	C.Y.
302002	DELAWARE NO. 3 STONE	60.00	TON
401046	SUPERPAVE TYPE C, 9.5 mm, PG 76-22 (NON-CARBONATE STONE)	188.00	TON
504001	CRACK AND JOINT SEALING LESS THAN 3/4 INCH WIDE	418.00	L.F.
505000	PCC PATCHING, PARTIAL DEPTH	375.00	SY-IN
610511	SOIL AND PAVEMENT STRUCTURE STABILIZATION AND LIFTING	4,000.00	LB
621500	TEMPORARY TIMBER MAT	1.00	L.S.
628041	DEEP SPALL REPAIR	1.00	C.F.
628508	DEEP OVERHEAD CONCRETE SPALL REPAIR	7.00	S.F.
707016	RIPRAP, R-5	187.00	TON
707021	CHANNEL BED FILL	45.00	C.Y.
708003	GEOTEXTILES, RIPRAP	300.00	S.Y.
760010	PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT	2,002.00	SY-IN
760013	PAVEMENT MILLING, PCC PAVEMENT	750.00	SY-IN
762000	SAW CUTTING, BITUMINOUS CONCRETE	87.00	L.F.
763501	CONSTRUCTION ENGINEERING	1.00	L.S.
763623	NETTING MIGRATORY BIRD EXCLUSION	1.00	L.S.
860004	TEMPORARY MARKINGS, LATEX, 4"	1,256.00	L.F.
861001	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, 6"	1,256.00	L.F.

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SOUTH MAINTENANCE PAVEMENT & REHABILITATION, SUSSEX I, (HARDSCRABBLE & CONCORD),
2025

LOCATION 1 BRIDGE 3-243 ON SR20, CONCORD RD (S20)
LENGTH AADT 6918
GENERAL IMPROVEMENTS
BRIDGE REHABILITATION OVER TUBBS BRANCH, BRIDGE 3-243.

COMMENTS:

Please see attached sheets for comments

MATERIAL ESTIMATE FOR LOCATION 1

867001	SNOWPLOWABLE RAISED PAVEMENT MARKER	6.00	EACH
867002	SNOWPLOWABLE RAISED PAVEMENT MARKER, REMOVAL, HOUSING	6.00	EACH
905001	SILT FENCE	455.00	L.F.
906002	DEWATERING BAG	1.00	EACH
906003	SUMP PIT	2.00	EACH
907017	COMPOST FILTER LOGS	20.00	L.F.
908001	TOPSOIL	5.00	TON
908004	TOPSOIL, 6" DEPTH	1,053.00	S.Y.
908014	PERMANENT GRASS SEEDING, DRY GROUND	1,023.00	S.Y.
908017	TEMPORARY GRASS SEEDING	1,408.00	S.Y.
908019	PERMANENT GRASS SEEDING, STREAMBANK	385.00	S.Y.
908020	EROSION CONTROL BLANKET MULCH	1,408.00	S.Y.
909005	STREAM DIVERSION	1.00	L.S.

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SOUTH MAINTENANCE PAVEMENT & REHABILITATION, SUSSEX I, (HARDSCRABBLE & CONCORD), 2025

LOCATION 1 BRIDGE 3-243 ON SR20, CONCORD RD (S20)

COMMENTS:

REFERENCE ATTACHED PROJECT BRIDGE DESIGN PLANS FOR LOCATION SPECIFIC NOTES.

1. RECOMMENDED M.O.T. TYPICAL APPLICATION, TA-20 (TRAVEL LANES-DETOUR).

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SOUTH MAINTENANCE PAVEMENT & REHABILITATION, SUSSEX I, (HARDSCRABBLE & CONCORD), 2025

LOCATION 2 CONCORD RD, DE20 (S20) FROM US13, SUSSEX HWY (S3) TO SR9, COUNTY SEAT HWY (S28)

LENGTH 10332.7200 m 33900.0000 L.F. AADT 6918

GENERAL IMPROVEMENTS

2" MILL, PAVEMENT PATCHING, AND 2" TYPE C (NON-CARB) FULL WIDTH OVERLAY.

COMMENTS:

Please see attached sheets for comments

MATERIAL ESTIMATE FOR LOCATION 2

201000	CLEARING AND GRUBBING	1.00	L.S.
202000	EXCAVATION AND EMBANKMENT	45.00	C.Y.
211002	REMOVAL OF GUARDRAIL AND FENCE	932.00	L.F.
301001	GABC	80.00	C.Y.
301003	GABC	74.00	TON
401005	SUPERPAVE TYPE C, 9.5 mm, PG 64-22 (CARBONATE STONE)	41.00	TON
401030	SUPERPAVE TYPE B, PG 64-22, PATCHING	92.00	TON
401046	SUPERPAVE TYPE C, 9.5 mm, PG 76-22 (NON-CARBONATE STONE)	17,170.00	TON
401600	HMA/WMA ENVIRONMENTAL PRODUCT DECLARATION (EPD)	1.00	L.S.
401690	ENTRANCE, DRIVEWAY, AND INTERSECTING STREET PAVING AND MILLING SURCHARGE	143.00	TON
403000	BITUMINOUS CONCRETE AND/OR COLD-LAID BITUMINOUS (TRM) CONCRETE	146.00	TON
404001	BITUMINOUS CRACK AND JOINT SEALING LESS THAN 3/4-INCH WIDE	3,530.00	L.F.
602130	ADJUSTING AND REPAIRING EXISTING DRAINAGE INLET	4.00	EACH
720011	GALVANIZED TRANSITION SECTION, THRIE BEAM	4.00	EACH
720021	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	632.00	L.F.
721001	GUARDRAIL END TREATMENT, TYPE 1-31, TEST LEVEL 3	6.00	EACH
760008	RUMBLE STRIPS, CENTER LINE, BITUMINOUS PAVEMENT	18,595.00	L.F.
760010	PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT	292,444.00	SY-IN
762000	SAW CUTTING, BITUMINOUS CONCRETE	3,530.00	L.F.
802003	ARROW PANELS TYPE C	80.00	EA-DY
803001	PROVIDE AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN	98.00	EA-DY
808002	PROVIDE AND MAINTAIN TRUCK MOUNTED ATTENUATOR, TYPE II	80.00	EA-DY

DELAWARE DEPARTMENT OF TRANSPORTATION

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SOUTH MAINTENANCE PAVEMENT & REHABILITATION, SUSSEX I, (HARDSCRABBLE & CONCORD), 2025

LOCATION 2 CONCORD RD, DE20 (S20) FROM US13, SUSSEX HWY (S3) TO SR9, COUNTY SEAT HWY (S28)

LENGTH 10332.7200 m 33900.0000 L.F. AADT 6918

GENERAL IMPROVEMENTS

2" MILL, PAVEMENT PATCHING, AND 2" TYPE C (NON-CARB) FULL WIDTH OVERLAY.

COMMENTS:

Please see attached sheets for comments

MATERIAL ESTIMATE FOR LOCATION 2

811003	FLAGGER, SUSSEX COUNTY	1,600.00	HOUR
811015	FLAGGER, SUSSEX COUNTY, OVERTIME	240.00	HOUR
818001	SUPPLY OF ROADSIDE FLAT SHEET ALUMINUM SIGN PANEL, TYPE IV, RETROREFLECTIVE SHEETING	659.00	S.F.
818003	SUPPLY OF ROADSIDE FLAT SHEET ALUMINUM SIGN PANEL, TYPE XI, RETROREFLECTIVE SHEETING	205.00	S.F.
819001	PROVIDE GALVANIZED TELESCOPING SIGN POST	88.00	EACH
819002	INSTALL OR REMOVE GALVANIZED TELESCOPING SIGN POST	143.00	EACH
819003	INSTALL OR REMOVE TRAFFIC SIGNS	428.00	EACH
846001	PROVIDE AND INSTALL LOOP WIRE 1-CONDUCTOR #14 AWG ENCASED IN 1/4" FLEXIBLE TUBING IN A LOOP SAWCUT	450.00	L.F.
860004	TEMPORARY MARKINGS, LATEX, 4"	233,864.00	L.F.
860007	TEMPORARY PAVEMENT STRIPING, LATEX, SYMBOL/LEGEND	1,062.00	S.F.
861001	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, 6"	116,392.00	L.F.
861003	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, BLACK 3"	252.00	L.F.
862002	PERMANENT PAVEMENT STRIPING, ALKYD-THERMOPLASTIC, 6"	18.00	L.F.
862006	PERMANENT PAVEMENT STRIPING, ALKYD-THERMOPLASTIC, SYMBOL/LEGEND	813.00	S.F.
863002	PREFORMED RETROREFLECTIVE MARKINGS, ALKYD-THERMOPLASTIC, BIKE SYMBOL	56.00	EACH
867001	SNOWPLOWABLE RAISED PAVEMENT MARKER	531.00	EACH
868001	PAVEMENT MARKING, REMOVAL	6.00	S.F.
908001	TOPSOIL	1,028.00	TON
908004	TOPSOIL, 6" DEPTH	723.00	S.Y.

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SOUTH MAINTENANCE PAVEMENT & REHABILITATION, SUSSEX I, (HARDSCRABBLE & CONCORD),
2025

LOCATION 2 CONCORD RD, DE20 (S20) FROM US13, SUSSEX HWY (S3) TO SR9, COUNTY
SEAT HWY (S28)

LENGTH 10332.7200 m 33900.0000 L.F. AADT 6918

GENERAL IMPROVEMENTS

2" MILL, PAVEMENT PATCHING, AND 2" TYPE C (NON-CARB) FULL WIDTH OVERLAY.

COMMENTS:

Please see attached sheets for comments

MATERIAL ESTIMATE FOR LOCATION 2

908014	PERMANENT GRASS SEEDING, DRY GROUND	10,967.00	S.Y.
908016	PERMANENT GRASS SEEDING, SUBDIVISION	723.00	S.Y.
908020	EROSION CONTROL BLANKET MULCH	723.00	S.Y.
908026	EROSION CONTROL MULCH	10,967.00	S.Y.

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SOUTH MAINTENANCE PAVEMENT & REHABILITATION, SUSSEX I, (HARDSCRABBLE & CONCORD), 2025

LOCATION 2 CONCORD RD, DE20 (S20) FROM US13, SUSSEX HWY (S3) TO SR9, COUNTY SEAT HWY (S28)

COMMENTS:

1. RECOMMENDED M.O.T. TYPICAL APPLICATION, TA-10 (TRAVEL LANES).
TYPICAL APPLICATION, TA-17A OR 17B (STRIPING).
2. DAYTIME WORK HOURS: 8:00A - 4:00P, (MONDAY AM - FRIDAY PM).
3. EXISTING R.O.W FOR THIS LOCATION IS 60' AS PER ARCHIVE PLANS;
A. 64-01-024
B. 64-01-036
4. THE GABC ITEM 301003 AND QUANTITY IS FOR UNIMPROVED DRIVEWAYS. CRUSHED CONCRETE AND MILLINGS SHALL NOT BE PERMITTED AS A SUBSTITUTE.
5. PLACE BITUMINOUS ASPHALT CONCRETE SAFETY EDGE AS PER THE STANDARD CONSTRUCTION DETAILS.
6. THE REMOVAL OF EXISTING RAISED PAVEMENT MARKERS SHALL BE INCIDENTAL TO THE MILLING OPERATION.
7. ALL PAVEMENT VERTICAL DIFFERENCES MUST BE ADDRESSED AT THE END OF EACH DAY IN ACCORDANCE WITH THE DELAWARE MANUAL ON TRAFFIC CONTROL DEVICES (DE-MUTCD-2011), CHAPTER 6, PAGE 6G-14, SECTION 6G.20 - VERTICAL DIFFERENCES.

THIS LOCATION SHALL MEET THE TOLERANCES OF SUBSECTION 401580 - RIDE QUALITY OF HOT-MIX PAVEMENT REQUIREMENTS, AS SPECIFIED IN THE SPECIAL PROVISIONS.

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SOUTH MAINTENANCE PAVEMENT & REHABILITATION, SUSSEX I, (HARDSCRABBLE & CONCORD), 2025

LOCATION 3 HARDSCRABBLE RD, DE20 (S20) FROM SR9, COUNTY SEAT HWY (S28) TO BRYANS STORE RD (S435)

LENGTH 7370.0640 m 24180.0000 L.F. AADT 6458

GENERAL IMPROVEMENTS

2" MILL, PAVEMENT PATCHING, AND 2" TYPE C (NON-CARB) FULL WIDTH OVERLAY.

COMMENTS:

Please see attached sheets for comments

MATERIAL ESTIMATE FOR LOCATION 3

201000	CLEARING AND GRUBBING	1.00	L.S.
202000	EXCAVATION AND EMBANKMENT	45.00	C.Y.
211002	REMOVAL OF GUARDRAIL AND FENCE	1,204.00	L.F.
301001	GABC	202.00	C.Y.
301003	GABC	21.00	TON
401005	SUPERPAVE TYPE C, 9.5 mm, PG 64-22 (CARBONATE STONE)	104.00	TON
401030	SUPERPAVE TYPE B, PG 64-22, PATCHING	92.00	TON
401046	SUPERPAVE TYPE C, 9.5 mm, PG 76-22 (NON-CARBONATE STONE)	13,069.00	TON
401600	HMA/WMA ENVIRONMENTAL PRODUCT DECLARATION (EPD)	1.00	L.S.
401690	ENTRANCE, DRIVEWAY, AND INTERSECTING STREET PAVING AND MILLING SURCHARGE	138.00	TON
403000	BITUMINOUS CONCRETE AND/OR COLD-LAID BITUMINOUS (TRM) CONCRETE	112.00	TON
404001	BITUMINOUS CRACK AND JOINT SEALING LESS THAN 3/4-INCH WIDE	2,090.00	L.F.
720021	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1,063.00	L.F.
721001	GUARDRAIL END TREATMENT, TYPE 1-31, TEST LEVEL 3	2.00	EACH
760008	RUMBLE STRIPS, CENTER LINE, BITUMINOUS PAVEMENT	20,880.00	L.F.
760010	PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT	223,253.00	SY-IN
762000	SAW CUTTING, BITUMINOUS CONCRETE	2,090.00	L.F.
802003	ARROW PANELS TYPE C	60.00	EA-DY
803001	PROVIDE AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN	224.00	EA-DY
808002	PROVIDE AND MAINTAIN TRUCK MOUNTED ATTENUATOR, TYPE II	60.00	EA-DY
811003	FLAGGER, SUSSEX COUNTY	1,200.00	HOUR
811015	FLAGGER, SUSSEX COUNTY, OVERTIME	180.00	HOUR

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SOUTH MAINTENANCE PAVEMENT & REHABILITATION, SUSSEX I, (HARDSCRABBLE & CONCORD), 2025

LOCATION 3 HARDSCRABBLE RD, DE20 (S20) FROM SR9, COUNTY SEAT HWY (S28) TO BRYANS STORE RD (S435)

LENGTH 7370.0640 m 24180.0000 L.F. AADT 6458

GENERAL IMPROVEMENTS

2" MILL, PAVEMENT PATCHING, AND 2" TYPE C (NON-CARB) FULL WIDTH OVERLAY.

COMMENTS:

Please see attached sheets for comments

MATERIAL ESTIMATE FOR LOCATION 3

818001	SUPPLY OF ROADSIDE FLAT SHEET ALUMINUM SIGN PANEL, TYPE IV, RETROREFLECTIVE SHEETING	405.00	S.F.
818003	SUPPLY OF ROADSIDE FLAT SHEET ALUMINUM SIGN PANEL, TYPE XI, RETROREFLECTIVE SHEETING	32.00	S.F.
819001	PROVIDE GALVANIZED TELESCOPING SIGN POST	23.00	EACH
819002	INSTALL OR REMOVE GALVANIZED TELESCOPING SIGN POST	51.00	EACH
819003	INSTALL OR REMOVE TRAFFIC SIGNS	222.00	EACH
819010	INSTALLATION OF 4" DIAMETER HOLE, LESS THAN OR EQUAL TO 6" DEPTH	1.00	EACH
846001	PROVIDE AND INSTALL LOOP WIRE 1-CONDUCTOR #14 AWG ENCASED IN 1/4" FLEXIBLE TUBING IN A LOOP SAWCUT	1,560.00	L.F.
846002	PROVIDE AND INSTALL A 1-1/2 INCH GALVANIZED RIGID METAL CONDUIT DETECTOR SLEEVE WITH LOOP WIRE	3.00	L.F.
860004	TEMPORARY MARKINGS, LATEX, 4"	160,296.00	L.F.
860007	TEMPORARY PAVEMENT STRIPING, LATEX, SYMBOL/LEGEND	2,374.00	S.F.
860010	TEMPORARY MARKINGS, LATEX, BIKE SYMBOL	35.00	EACH
861001	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, 6"	80,148.00	L.F.
862006	PERMANENT PAVEMENT STRIPING, ALKYD-THERMOPLASTIC, SYMBOL/LEGEND	1,187.00	S.F.
863002	PREFORMED RETROREFLECTIVE MARKINGS, ALKYD-THERMOPLASTIC, BIKE SYMBOL	35.00	EACH
867001	SNOWPLOWABLE RAISED PAVEMENT MARKER	293.00	EACH
908001	TOPSOIL	748.00	TON
908004	TOPSOIL, 6" DEPTH	722.00	S.Y.
908014	PERMANENT GRASS SEEDING, DRY GROUND	7,973.00	S.Y.

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SOUTH MAINTENANCE PAVEMENT & REHABILITATION, SUSSEX I, (HARDSCRABBLE & CONCORD),
2025

LOCATION 3 HARDSCRABBLE RD, DE20 (S20) FROM SR9, COUNTY SEAT HWY (S28) TO
BRYANS STORE RD (S435)

LENGTH 7370.0640 m 24180.0000 L.F. AADT 6458

GENERAL IMPROVEMENTS

2" MILL, PAVEMENT PATCHING, AND 2" TYPE C (NON-CARB) FULL WIDTH OVERLAY.

COMMENTS:

Please see attached sheets for comments

MATERIAL ESTIMATE FOR LOCATION 3

908016	PERMANENT GRASS SEEDING, SUBDIVISION	722.00	S.Y.
908020	EROSION CONTROL BLANKET MULCH	722.00	S.Y.
908026	EROSION CONTROL MULCH	7,973.00	S.Y.

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SOUTH MAINTENANCE PAVEMENT & REHABILITATION, SUSSEX I, (HARDSCRABBLE & CONCORD), 2025

LOCATION 3 HARDSCRABBLE RD, DE20 (S20) FROM SR9, COUNTY SEAT HWY (S28) TO BRYANS STORE RD (S435)

COMMENTS:

1. RECOMMENDED M.O.T. TYPICAL APPLICATION, TA-10 (TRAVEL LANES).
TYPICAL APPLICATION, TA-17A OR 17B (STRIPING).
2. DAYTIME WORK HOURS: 8:00A - 4:00P, (MONDAY AM - FRIDAY PM).
3. EXISTING R.O.W FOR THIS LOCATION IS 60' AS PER ARCHIVE PLANS;
A. 64-01-043
4. THE GABC ITEM 301003 AND QUANTITY IS FOR UNIMPROVED DRIVEWAYS. CRUSHED CONCRETE AND MILLINGS SHALL NOT BE PERMITTED AS A SUBSTITUTE.
5. PLACE BITUMINOUS ASPHALT CONCRETE SAFETY EDGE AS PER THE STANDARD CONSTRUCTION DETAILS.
6. THE REMOVAL OF EXISTING RAISED PAVEMENT MARKERS SHALL BE INCIDENTAL TO THE MILLING OPERATION.
7. ALL PAVEMENT VERTICAL DIFFERENCES MUST BE ADDRESSED AT THE END OF EACH DAY IN ACCORDANCE WITH THE DELAWARE MANUAL ON TRAFFIC CONTROL DEVICES (DE-MUTCD-2011), CHAPTER 6, PAGE 6G-14, SECTION 6G.20 - VERTICAL DIFFERENCES.

THIS LOCATION SHALL MEET THE TOLERANCES OF SUBSECTION 401580 - RIDE QUALITY OF HOT-MIX PAVEMENT REQUIREMENTS, AS SPECIFIED IN THE SPECIAL PROVISIONS.

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SOUTH MAINTENANCE PAVEMENT & REHABILITATION, SUSSEX I, (HARDSCRABBLE & CONCORD), 2025

CONTRACT QUANTITIES SUMMARY SHEET

201000	CLEARING AND GRUBBING	1.00	L.S.
202000	EXCAVATION AND EMBANKMENT	103.00	C.Y.
203000	CHANNEL EXCAVATION	51.00	C.Y.
208000	FLOWABLE FILL	5.00	C.Y.
209002	BORROW, TYPE B	160.00	C.Y.
211002	REMOVAL OF GUARDRAIL AND FENCE	2,136.00	L.F.
301001	GABC	282.00	C.Y.
301003	GABC	95.00	TON
302002	DELAWARE NO. 3 STONE	60.00	TON
401005	SUPERPAVE TYPE C, 9.5 mm, PG 64-22 (CARBONATE STONE)	145.00	TON
401030	SUPERPAVE TYPE B, PG 64-22, PATCHING	184.00	TON
401046	SUPERPAVE TYPE C, 9.5 mm, PG 76-22 (NON-CARBONATE STONE)	30,427.00	TON
401600	HMA/WMA ENVIRONMENTAL PRODUCT DECLARATION (EPD)	1.00	L.S.
401690	ENTRANCE, DRIVEWAY, AND INTERSECTING STREET PAVING AND MILLING SURCHARGE	281.00	TON
403000	BITUMINOUS CONCRETE AND/OR COLD-LAID BITUMINOUS (TRM) CONCRETE	258.00	TON
404001	BITUMINOUS CRACK AND JOINT SEALING LESS THAN 3/4-INCH WIDE	5,620.00	L.F.
504001	CRACK AND JOINT SEALING LESS THAN 3/4 INCH WIDE	418.00	L.F.
505000	PCC PATCHING, PARTIAL DEPTH	375.00	SY-IN
602130	ADJUSTING AND REPAIRING EXISTING DRAINAGE INLET	4.00	EACH
610511	SOIL AND PAVEMENT STRUCTURE STABILIZATION AND LIFTING	4,000.00	LB
621500	TEMPORARY TIMBER MAT	1.00	L.S.
628041	DEEP SPALL REPAIR	1.00	C.F.
628508	DEEP OVERHEAD CONCRETE SPALL REPAIR	7.00	S.F.
707016	RIPRAP, R-5	187.00	TON
707021	CHANNEL BED FILL	45.00	C.Y.
708003	GEOTEXTILES, RIPRAP	300.00	S.Y.
720011	GALVANIZED TRANSITION SECTION, THRIE BEAM	4.00	EACH

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SOUTH MAINTENANCE PAVEMENT & REHABILITATION, SUSSEX I, (HARDSCRABBLE & CONCORD), 2025

CONTRACT QUANTITIES SUMMARY SHEET

720021	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1,695.00	L.F.
721001	GUARDRAIL END TREATMENT, TYPE 1-31, TEST LEVEL 3	8.00	EACH
760008	RUMBLE STRIPS, CENTER LINE, BITUMINOUS PAVEMENT	39,475.00	L.F.
760010	PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT	517,699.00	SY-IN
760013	PAVEMENT MILLING, PCC PAVEMENT	750.00	SY-IN
762000	SAW CUTTING, BITUMINOUS CONCRETE	5,707.00	L.F.
763000	INITIAL EXPENSE/DE-MOBILIZATION	LUMP	SUM
763501	CONSTRUCTION ENGINEERING	1.00	L.S.
763623	NETTING MIGRATORY BIRD EXCLUSION	1.00	L.S.
801500	MAINTENANCE OF TRAFFIC, REHABILITATION	LUMP	SUM
802003	ARROW PANELS TYPE C	140.00	EA-DY
803001	PROVIDE AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN	322.00	EA-DY
808002	PROVIDE AND MAINTAIN TRUCK MOUNTED ATTENUATOR, TYPE II	140.00	EA-DY
811003	FLAGGER, SUSSEX COUNTY	2,800.00	HOUR
811015	FLAGGER, SUSSEX COUNTY, OVERTIME	420.00	HOUR
818001	SUPPLY OF ROADSIDE FLAT SHEET ALUMINUM SIGN PANEL, TYPE IV, RETROREFLECTIVE SHEETING	1,064.00	S.F.
818003	SUPPLY OF ROADSIDE FLAT SHEET ALUMINUM SIGN PANEL, TYPE XI, RETROREFLECTIVE SHEETING	237.00	S.F.
819001	PROVIDE GALVANIZED TELESCOPING SIGN POST	111.00	EACH
819002	INSTALL OR REMOVE GALVANIZED TELESCOPING SIGN POST	194.00	EACH
819003	INSTALL OR REMOVE TRAFFIC SIGNS	650.00	EACH
819010	INSTALLATION OF 4" DIAMETER HOLE, LESS THAN OR EQUAL TO 6" DEPTH	1.00	EACH
846001	PROVIDE AND INSTALL LOOP WIRE 1-CONDUCTOR #14 AWG ENCASED IN 1/4" FLEXIBLE TUBING IN A LOOP SAWCUT	2,010.00	L.F.
846002	PROVIDE AND INSTALL A 1-1/2 INCH GALVANIZED RIGID METAL CONDUIT DETECTOR SLEEVE WITH LOOP WIRE	3.00	L.F.

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SOUTH MAINTENANCE PAVEMENT & REHABILITATION, SUSSEX I, (HARDSCRABBLE & CONCORD), 2025

CONTRACT QUANTITIES SUMMARY SHEET

860004	TEMPORARY MARKINGS, LATEX, 4"	395,416.00	L.F.
860007	TEMPORARY PAVEMENT STRIPING, LATEX, SYMBOL/LEGEND	3,436.00	S.F.
860010	TEMPORARY MARKINGS, LATEX, BIKE SYMBOL	35.00	EACH
861001	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, 6"	197,796.00	L.F.
861003	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, BLACK 3"	252.00	L.F.
862002	PERMANENT PAVEMENT STRIPING, ALKYD-THERMOPLASTIC, 6"	18.00	L.F.
862006	PERMANENT PAVEMENT STRIPING, ALKYD-THERMOPLASTIC, SYMBOL/LEGEND	2,000.00	S.F.
863002	PREFORMED RETROREFLECTIVE MARKINGS, ALKYD-THERMOPLASTIC, BIKE SYMBOL	91.00	EACH
867001	SNOWPLOWABLE RAISED PAVEMENT MARKER	830.00	EACH
867002	SNOWPLOWABLE RAISED PAVEMENT MARKER, REMOVAL, HOUSING	6.00	EACH
868001	PAVEMENT MARKING, REMOVAL	6.00	S.F.
905001	SILT FENCE	455.00	L.F.
906002	DEWATERING BAG	1.00	EACH
906003	SUMP PIT	2.00	EACH
907017	COMPOST FILTER LOGS	20.00	L.F.
908001	TOPSOIL	1,781.00	TON
908004	TOPSOIL, 6" DEPTH	2,498.00	S.Y.
908014	PERMANENT GRASS SEEDING, DRY GROUND	19,963.00	S.Y.
908016	PERMANENT GRASS SEEDING, SUBDIVISION	1,445.00	S.Y.
908017	TEMPORARY GRASS SEEDING	1,408.00	S.Y.
908019	PERMANENT GRASS SEEDING, STREAMBANK	385.00	S.Y.
908020	EROSION CONTROL BLANKET MULCH	2,853.00	S.Y.
908026	EROSION CONTROL MULCH	18,940.00	S.Y.
909005	STREAM DIVERSION	1.00	L.S.