

THE STATE OF DELAWARE



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

PAVEMENT & REHABILITATION – SUSSEX II (DAGSBORO), 2013

CONTRACT NUMBER - T201306302.01

PRIMAVERA ID – 13-06302

FEDERAL AID NUMBER - NONE

SOUTH DISTRICT MAINTENANCE

PLANS PREPARED BY: Paul Farkas

DESIGN TECHNICIAN

DATE RECOMMENDED: 10/7/2014

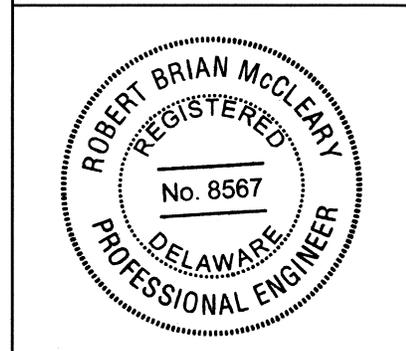
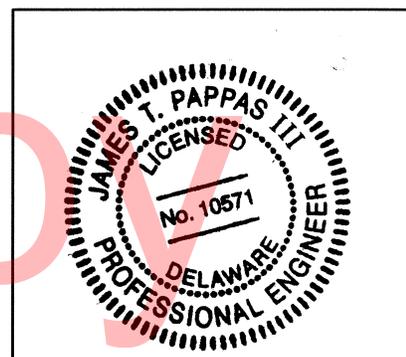
Bradford L. Salms  
GROUP ENGINEER, CONSTRUCTION

DATE RECOMMENDED: 10.15.14

Jan T. Pappas III  
ASSIST. DIRECTOR, DESIGN

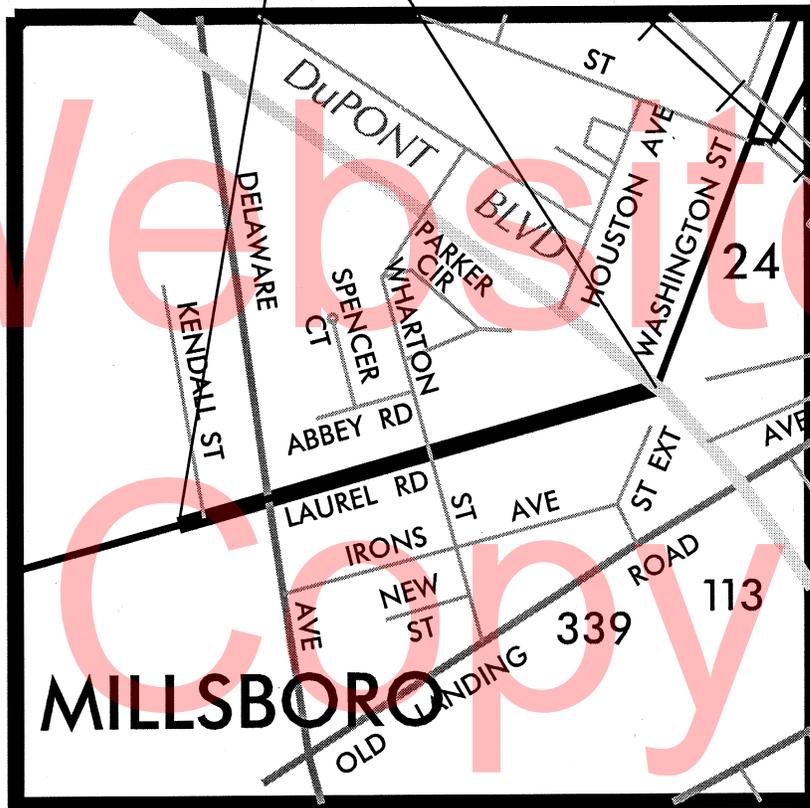
DATE RECOMMENDED: 10/16/14

Robert Brian McCleary  
CHIEF ENGINEER



LOCATION MAP

**Location 1**



**Location 1 – Laurel Rd, DE24(Millsboro) from hot-mix joints  
West of Kendall St/Millstone Pl to US113, Dupont Hwy.**



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PAVEMENT & REHABILITATION, SUSSEX II, (DAGSBORO) 2013

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GENERAL CONTRACT PLAN NOTES

REVISED 7/11

GENERAL

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, DELAWARE MANUAL ON 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. 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 STANDARD SPECIFICATION 108.04 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.

MAINTENANCE OF TRAFFIC

5. 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.
6. 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, SHALL BE INSTALLED IN ACCORDANCE WITH THE TEMPORARY STRIPING POLICY. 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.
7. ALL WORK SHALL BE PERFORMED IN A MANNER THAT WILL REASONABLY PROVIDE THE LEAST

## PAVEMENT &amp; REHABILITATION, SUSSEX II, (DAGSBORO) 2013

## GENERAL CONTRACT PLAN NOTES

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

**8. 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 OR TO THE SATISFACTION OF THE ENGINEER. PEDESTRIAN DETOUR ROUTES OR ALTERNATE PEDESTRIAN FACILITIES SHALL CONSIST OF ADA COMPLIANT FACILITIES TO THE LEVEL OF WHICH EXISTS ON THE PEDESTRIAN ROUTE. THE COST FOR ANY PROVISIONS SHALL BE INCIDENTAL TO ITEM 763XXX - MAINTENANCE OF TRAFFIC.**

**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 DEVICES TO THE ENGINEER FOR EACH LOCATION AT LEAST 2 WEEKS BEFORE 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.**
- **MAINTAIN ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES.**
- **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.**
- **WORK SHOULD BE PHASED 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.**
- **SIGNS AND OTHER DEVICES MOUNTED LOWER THAN 7FT ABOVE THE TEMPORARY PEDESTRIAN PATHWAY SHALL NOT PROJECT MORE THAN 4 IN. INTO ACCESSIBLE PEDESTRIAN ROUTE.**

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

**9. AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED TRAFFIC CONTROL SUPERVISOR SHALL BE REQUIRED FOR ALL LOCATIONS SPECIFIED IN THE CONTRACT PLANS. A COPY OF THE CERTIFICATION CARD FOR THE ATSSA TRAFFIC CONTROL SUPERVISOR SHALL BE SUBMITTED AT THE PRECONSTRUCTION MEETING. THE PAPER CERTIFICATE IS NOT ACCEPTABLE.**

PAVEMENT & REHABILITATION, SUSSEX II, (DAGSBORO) 2013

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GENERAL CONTRACT PLAN NOTES

**PAVEMENT MARKINGS**

10. AT THE PRECONSTRUCTION MEETING, 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.

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.

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 5-6-5 CONFIGURATION (2 EACH, 5" YELLOW STRIPES WITH A 6" GAP BETWEEN).

11. 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.

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

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

**TRAFFIC SIGNAL NOTES**

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

15. 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**

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

17. THE COST OF CLIPPING BACK THE EDGES OF THE ROADWAY, SHOULDERS, AND THE FIRST 3' OF

## PAVEMENT &amp; REHABILITATION, SUSSEX II, (DAGSBORO) 2013

## GENERAL CONTRACT PLAN NOTES

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(.). PREPARING UNPAVED DRIVEWAY ENTRANCES BEYOND THE FIRST 3' SHALL BE PAID UNDER THE APPROPRIATE CONTRACT ITEMS: 202000 AND/OR 30200X.

18. 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.

19. 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.

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

21. 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 732XXX, 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.

22. 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.

23. 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.

24. 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.

PAVEMENT & REHABILITATION, SUSSEX II, (DAGSBORO) 2013

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**GENERAL CONTRACT PLAN NOTES**

25. 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.

26. DRAINAGE INLETS, WHICH ARE 4' GREATER IN DEPTH AND ARE SLATED FOR REPAIR WILL HAVE STEPS INSTALLED IN ACCORDANCE WITH SECTION 708.07 OF THE STANDARD SPECIFICATIONS. PAYMENT SHALL BE INCIDENTAL TO THE UNIT PRICE BID FOR ITEM 710001.

27. THE PORTLAND CEMENT CONCRETE USED WITHIN ITEM 701002 - ADJUST AND REPAIR EXISTING MAN HOLES AND ITEM 750000 - ADJUST WATER VALVE BOX 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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CONTRACT NUMBER- T201306302

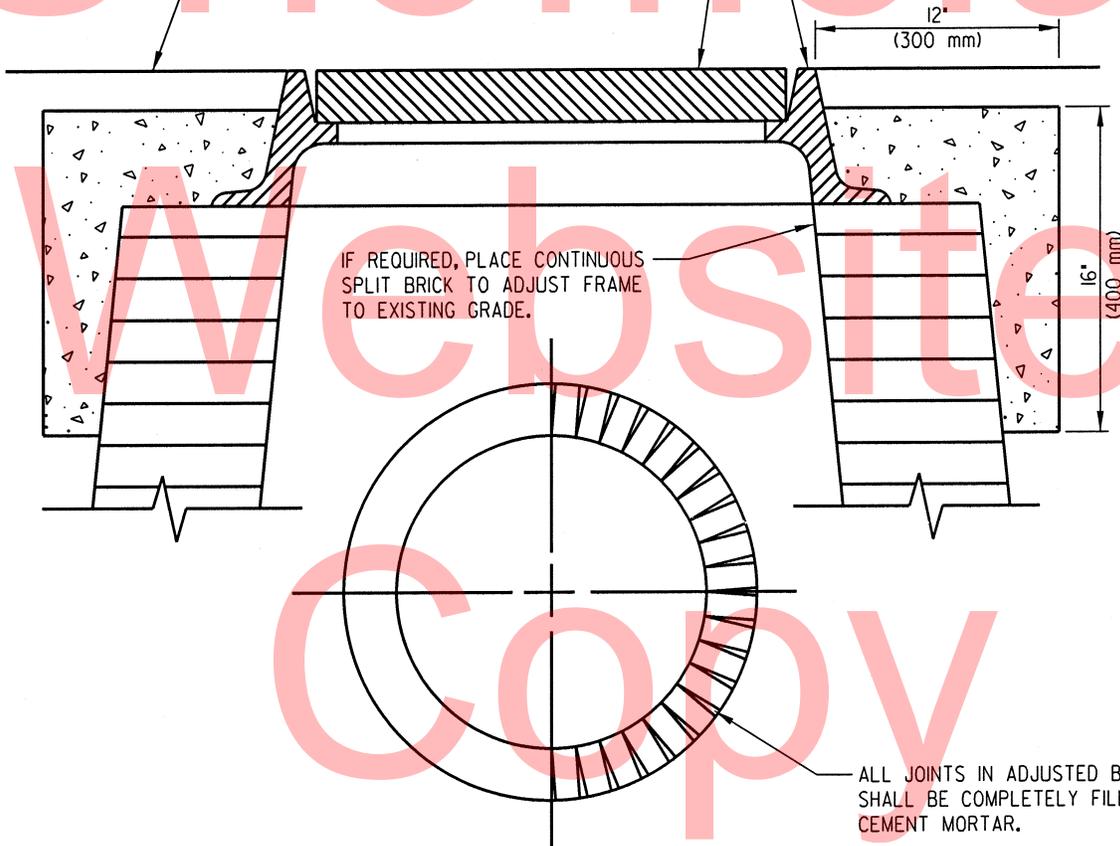
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SOUTH MAINTENANCE VARIOUS LOCATIONS AROUND DAGSBORO AND MILLSBORO.

DETAILS SHEET

REMOVE AND DISPOSE OF EXISTING FRAME AND COVER AS DIRECTED BY OWNER IF NOT UTILIZED IN THE ADJUSTMENT. PLACE NEW OR EXISTING FRAME AND COVER (AS REQUIRED) TO CORRECT ELEVATION AND RECOLLAR. NEW FRAME AND COVER (IF REQUIRED) TO BE PROVIDED BY OWNER.

REMOVE BIT. ASPHALT MIX AND CONCRETE COLLAR FROM AROUND MANHOLE.



ADJUSTING AND REPAIRING MANHOLE

N.T.S.

**NOTES:**

1. MANHOLES IN CONCRETE ROADWAYS SHALL BE SAWCUT FULL DEPTH TO THE SPECIFIED DIMENSION PRIOR TO ANY ADJUSTMENT BEING MADE. THE SAWCUTTING SHALL BE INCIDENTAL TO ITEM 710002.
2. ANY ADJUSTMENTS AND/OR RELOCATIONS OF MUNICIPALLY OWNED SEWER OR WATER FACILITIES SHALL BE DONE IN ACCORDANCE TO THE RESPECTIVE AGENCIES STANDARD SPECIFICATIONS AS DIRECTED BY THE ENGINEER.

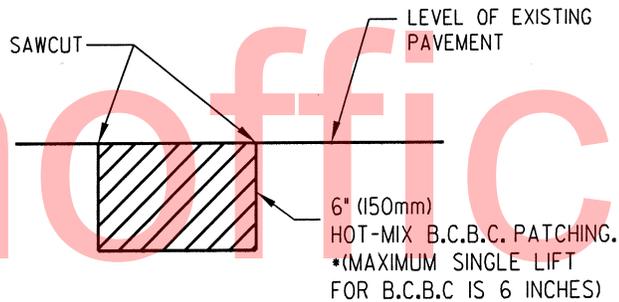
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SOUTH MAINTENANCE VARIOUS LOCATIONS AROUND DAGSBORO AND MILLSBORO.

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.

WHEN PCC PATCHING IS REQUIRED ON A COMPOSITE PAVEMENT(HOT-MIX OVER CONCRETE), THE CONTRACTOR MAY ELECT TO ELIMINATE ANY GRADE DIFFERENCE BETWEEN THE TOP OF THE CONCRETE PATCH AND THE TOP OF THE EXISTING HOT-MIX PAVEMENT BY EITHER PLACING HOT-MIX TRM MATERIAL(PAYMENT UNDER ITEM 402000) OR PLACING CONCRETE FLUSH WITH EXISTING HOT-MIX PAVEMENT(ADDITIONAL CONCRETE PAID AS ITEM 503503). IF CONCRETE IS PLACED FLUSH WITH EXISTING HOT MIX, THE MILLING OF THE CONCRETE WILL BE PAID FOR AS MILLING HOT-MIX.

P.C.C. PATCHING NOTES

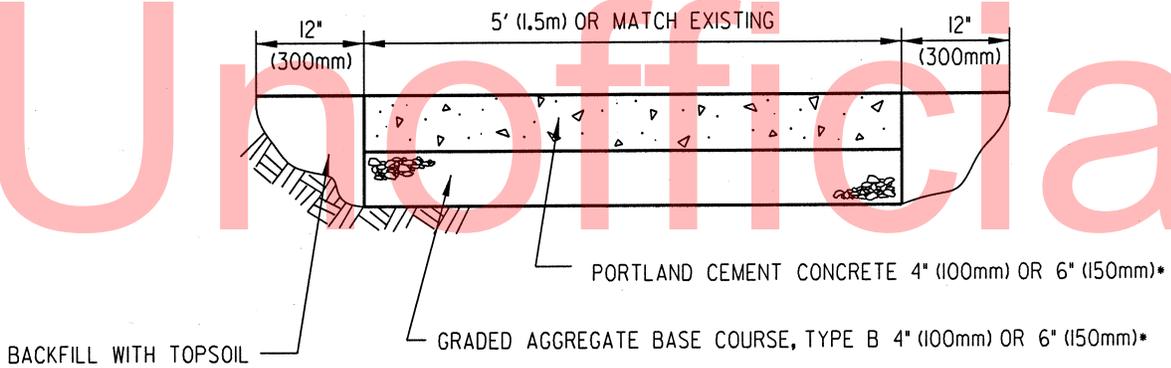
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SOUTH MAINTENANCE VARIOUS LOCATIONS AROUND DAGSBORO AND MILLSBORO.

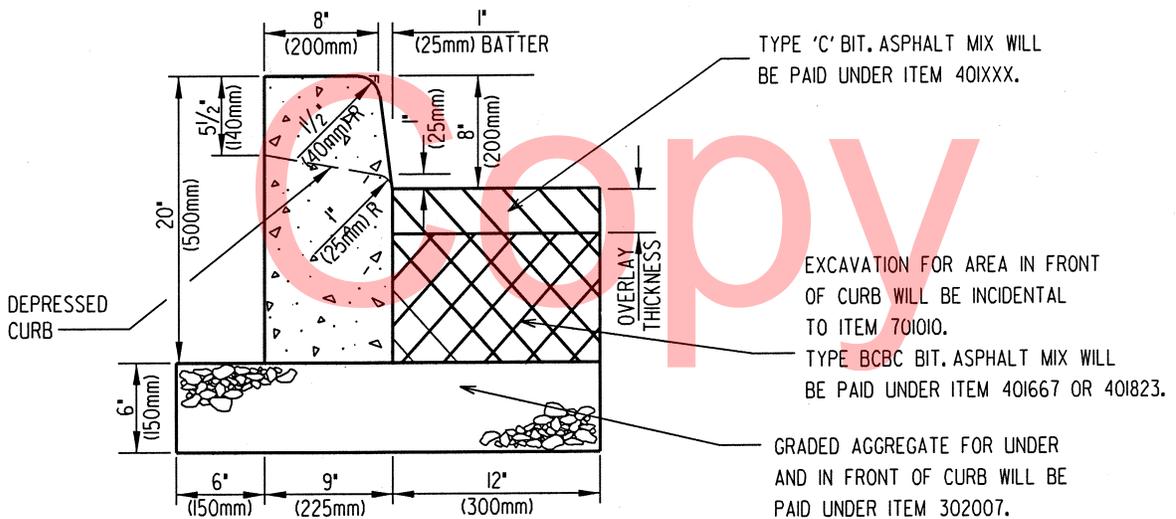
DETAILS SHEET



P.C.C. SIDEWALK

N.T.S.

- NOTE: 6" (150mm) CONCRETE OVER 6" (150mm) GRADED AGGREGATE TO BE USED FOR DRIVEWAY PLACEMENT



P.C.C. CURB TYPE 1-8

N.T.S.

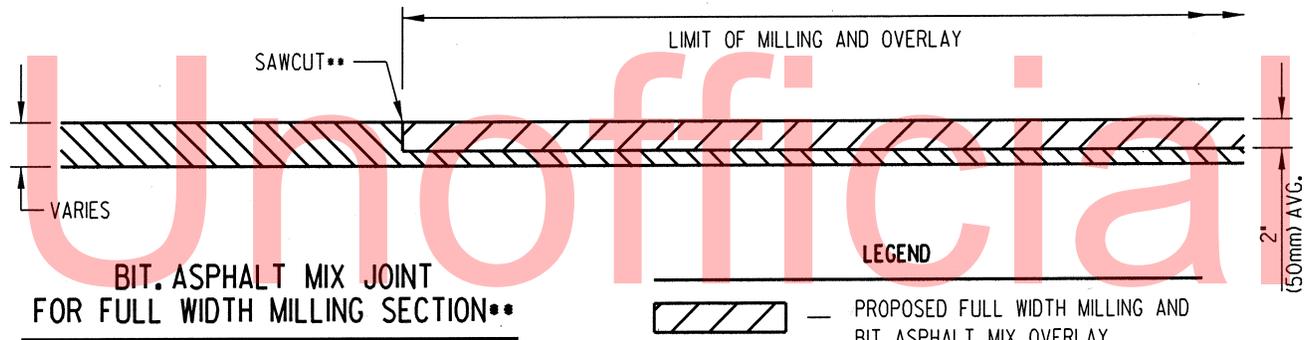
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SOUTH MAINTENANCE VARIOUS LOCATIONS AROUND DAGSBORO AND MILLSBORO.

DETAILS SHEET

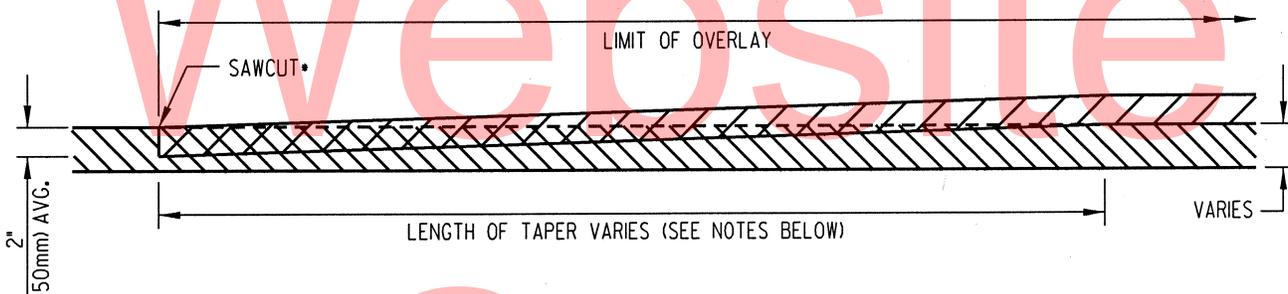


**BIT. ASPHALT MIX JOINT FOR FULL WIDTH MILLING SECTION\*\***

**LEGEND**

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

PAYMENT INCIDENTAL TO ITEM 760XXX, MILLING.  
 \*\*SAWCUT SHALL BE PAID UNDER ITEM 76200I.



**HOT MIX JOINT FOR OVERLAY SECTION\***

**LEGEND**

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

PAYMENT UNDER ITEM 76100I.  
 \*SAWCUT IS INCIDENTAL TO ITEM 76100I.

**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

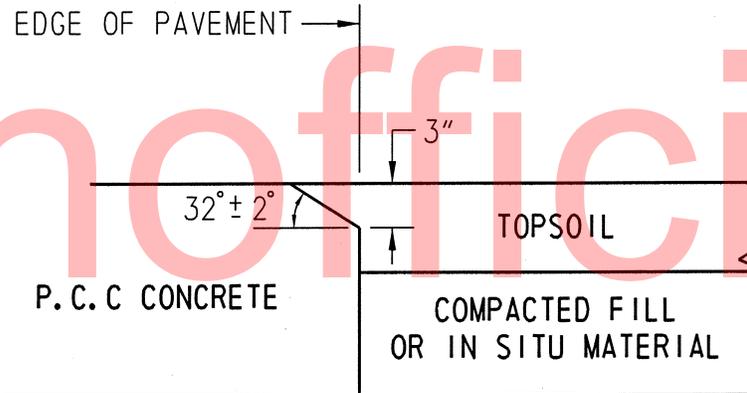
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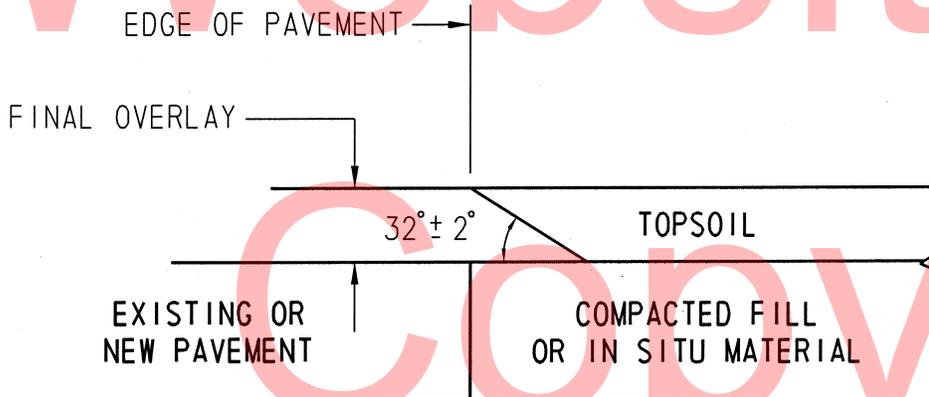
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SOUTH MAINTENANCE VARIOUS LOCATIONS AROUND DAGSBORO AND MILLSBORO.

DETAILS SHEET



CONCRETE PAVEMENTS  
NOT TO SCALE



BIT. ASPHALT MIX PAVEMENTS AND OVERLAYS  
NOT TO SCALE

SAFETY EDGE DETAIL  
NOT TO SCALE

DELAWARE DEPARTMENT OF TRANSPORTATION

CONTRACT T201306302

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SOUTH  
MAINTENANCE

PAVEMENT & REHABILITATION, SUSSEX II, (DAGSBORO) 2013

LOCATION 1 LAUREL RD(S24) - (MILLSBORO) FROM HOT-MIX JOINT AT KENDALL  
ST/MILLSTONE PL TO HOT-MIX JOINT @ US113, DUPONT BLVD(S113)

LENGTH 746.76 m 2450 L.F. AADT 7432

GENERAL IMPROVEMENTS

1 1/2" MILLING, HM PATCHING AND 1 1/2" WARM-MIX TYPE C FULL WIDTH OVERLAY.

COMMENTS:

Please see attached sheets for comments

MATERIAL ESTIMATE FOR LOCATION 1

401696	ENTRANCE, DRIVEWAY AND INTERSECTING STREET PAVING SURCHARGE	34.00 TON
401801	BITUMINOUS CONCRETE, SUPERPAVE, TYPE C, 160 GYRATIONS PG 64-22 (CARBONATE STONE)	417.00 TON
401807	BITUMINOUS CONCRETE, SUPERPAVE, TYPE C, 160 GYRATIONS, PG 76-22 (CARBONATE STONE)	511.00 TON
401823	BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22, PATCHING	46.00 TON
402000	BITUMINOUS CONCRETE AND/OR COLD-LAID BITUMINOUS CONCRETE (TRM)	6.00 TON
406001	BITUMINOUS CONCRETE PATCHING	800.00 SY-IN
705007	SIDEWALK SURFACE DETECTABLE WARNING SYSTEM	70.00 S.F.
705008	CURB RAMP, TYPE 1	630.00 S.F.
710001	ADJUSTING AND REPAIRING EXISTING DRAINAGE INLET	18.00 EACH
743004	FURNISH AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN	14.00 EA-DY
743010	FURNISH AND MAINTAIN TRUCK MOUNTED ATTENUATOR, TYPE II	7.00 EA-DY
743052	** FLAGGER, SUSSEX COUNTY, STATE	223.00 HOUR
743064	** FLAGGER, SUSSEX COUNTY, STATE, OVERTIME	33.00 HOUR
748015	PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND ALKYD-THERMOPLASTIC	155.00 S.F.
748019	TEMPORARY MARKINGS, PAINT, 4"	19,600.00 L.F.
748026	TEMPORARY MARKINGS, PAINT SYMBOL/LEGEND	310.00 S.F.
748027	PERMANENT PAVEMENT STRIPING, ALKYD-THERMOPLASTIC, 12"	80.00 L.F.
748502	RAISED/RECESSED PAVEMENT MARKER	48.00 EACH
748548	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/YELLOW, 5"	9,800.00 L.F.
760507	PROFILE MILLING, HOT-MIX	16,145.00 SY-IN
762001	SAW CUTTING, HOT MIX	626.00 L.F.
763621	CONSTRUCTION ENGINEERING, REHABILITATION	5.00 HOUR
908001	TOPSOIL (TON)	8.00 TON
908014	PERMANENT GRASS SEEDING, DRY GROUND	123.00 S.Y.

\*\* DENOTES FIXED PRICE ITEM

DELAWARE DEPARTMENT OF TRANSPORTATION

CONTRACT T201306302

PAGE 15 OF 21

SOUTH  
MAINTENANCE

PAVEMENT & REHABILITATION, SUSSEX II, (DAGSBORO) 2013

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LOCATION 1 LAUREL RD(S24) - (MILLSBORO) FROM HOT-MIX JOINT AT KENDALL  
ST/MILLSTONE PL TO HOT-MIX JOINT @ US113, DUPONT BLVD(S113)

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COMMENTS:

1. RECOMMENDED M.O.T. TYPICAL APPLICATION, TA-10 (TRAVEL LANES).  
TYPICAL APPLICATION, TA-3 (SHOULDERS).  
TYPICAL APPLICATION, TA-28 (SIDEWALK).
2. DAYTIME WORK HOURS: 8:00A - 6:00P.
3. ON THE MAIN CONSTRUCTION ROAD AND ALL INTERSECTING ROADS, "ROAD WORK AHEAD AND END" SIGNS FACING THE TRAFFIC SHALL BE PLACED AT 1500', 1000' AND 500' APPROACHING THE WORK ZONE. IN THOSE CASES, WHERE IT IS DIFFICULT TO MEET THE ABOVE CRITERIA BECAUSE OF DISTANCE LIMITATIONS, THE SIGN SHALL BE PLACED AS DIRECTED BY THE FIELD ENGINEER
4. ITEM 748027 12" THERMO-PLASTIC SHALL BE USED FOR THE GORE STRIPING.

5. HOT-MIX OVERLAY NOTES\*

- 
- A. USE 76-22(C) TYPE C WARM-MIX FOR TRAVEL LANES.
  - USE 64-22(C) TYPE C WARM-MIX FOR OUTSIDE SHOULDERS.

\*THE REMOVAL OF EXISTING RAISED PAVEMENT MARKERS SHALL BE INCIDENTAL TO THE MILLING.

- B. QUANTITIES FOR TYING BACK TO TANGENT AND/OR HOT-MIX JOINTS FOR INTERSECTING STREETS AS DIRECTED BY THE FIELD ENGINEER ARE INCLUDED IN THE MILLING AND SURCHARGE QUANTITIES.

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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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DELAWARE DEPARTMENT OF TRANSPORTATION

CONTRACT T201306302

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SOUTH  
MAINTENANCE

PAVEMENT & REHABILITATION, SUSSEX II, (DAGSBORO) 2013

LOCATION 2                    MAIN ST. DE20/DAGSBORO RD - (DAGSBORO) FROM HOT-MIX JOINTS NORTH  
OF CLAYTON ST, DE26(S326) TO CRICKET RD

LENGTH        3102.864 m                    10180 L.F.                    AADT    13843

GENERAL IMPROVEMENTS

1" MILLING (CRACK SEAL), 2" MILLING (CURBED SECTION IN TOWN), HM PATCHING AND 2" WARM-MIX TYPE C FULL WIDTH OVERLAY.

COMMENTS:

Please see attached sheets for comments

MATERIAL ESTIMATE FOR LOCATION 2

302005	GRADED AGGREGATE BASE COURSE, TYPE B	40.00 TON
401696	ENTRANCE, DRIVEWAY AND INTERSECTING STREET PAVING SURCHARGE	231.00 TON
401801	BITUMINOUS CONCRETE, SUPERPAVE, TYPE C, 160 GYRATIONS PG 64-22 (CARBONATE STONE)	2,981.00 TON
401823	BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22, PATCHING	117.00 TON
401833	BITUMINOUS CONCRETE, SUPERPAVE, TYPE C, 160 GYRATIONS, PG 76-22, (NON-CARBONATE STONE)	3,085.00 TON
402000	BITUMINOUS CONCRETE AND/OR COLD-LAID BITUMINOUS CONCRETE (TRM)	10.00 TON
406001	BITUMINOUS CONCRETE PATCHING	2,000.00 SY-IN
701010	PORTLAND CEMENT CONCRETE CURB, TYPE 1-8	27.00 L.F.
705002	P.C.C. SIDEWALK, 6"	378.00 S.F.
705007	SIDEWALK SURFACE DETECTABLE WARNING SYSTEM	90.00 S.F.
705008	CURB RAMP, TYPE 1	810.00 S.F.
710001	ADJUSTING AND REPAIRING EXISTING DRAINAGE INLET	8.00 EACH
710002	ADJUSTING AND REPAIRING EXISTING MANHOLE	9.00 EACH
743003	ARROW PANELS, TYPE C	16.00 EA-DY
743004	FURNISH AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN	14.00 EA-DY
743007	** TRAFFIC OFFICERS	162.00 HOUR
743010	FURNISH AND MAINTAIN TRUCK MOUNTED ATTENUATOR, TYPE II	16.00 EA-DY
743052	** FLAGGER, SUSSEX COUNTY, STATE	486.00 HOUR
743064	** FLAGGER, SUSSEX COUNTY, STATE, OVERTIME	73.00 HOUR
746924	FURNISH & INSTALL LOOP WIRE 1-CONDUCTOR #14 AWG ENCASED IN 1/4" FLEXIBLE TUBING IN A LOOP SAWCUT	100.00 L.F.
748015	PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND ALKYD-THERMOPLASTIC	380.00 S.F.
748019	TEMPORARY MARKINGS, PAINT, 4"	38,175.00 L.F.
748026	TEMPORARY MARKINGS, PAINT SYMBOL/LEGEND	380.00 S.F.
748502	RAISED/RECESSED PAVEMENT MARKER	127.00 EACH
748548	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/YELLOW, 5"	38,175.00 L.F.
749687	INSTALLATION OR REMOVAL OF TRAFFIC SIGN(S) ON SINGLE SIGN POST	40.00 EACH
749688	INSTALLATION OF 4" DIAMETER HOLE, LESS THAN OR EQUAL TO 6" DEPTH	6.00 EACH

DELAWARE DEPARTMENT OF TRANSPORTATION

CONTRACT T201306302

PAGE 17 OF 21

SOUTH  
MAINTENANCE

PAVEMENT & REHABILITATION, SUSSEX II, (DAGSBORO) 2013

**LOCATION 2**      **MAIN ST. DE20/DAGSBORO RD - (DAGSBORO) FROM HOT-MIX JOINTS NORTH OF CLAYTON ST, DE26(S326) TO CRICKET RD**

LENGTH      3102.864 m                      10180 L.F.                      AADT      13843

**GENERAL IMPROVEMENTS**

1" MILLING (CRACK SEAL), 2" MILLING (CURBED SECTION IN TOWN), HM PATCHING AND 2" WARM-MIX TYPE C FULL WIDTH OVERLAY.

**COMMENTS:**

Please see attached sheets for comments

**MATERIAL ESTIMATE FOR LOCATION 2**

758000	REMOVAL OF EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, CURB, SIDEWALK, ETC.	42.00 S.Y.
760507	PROFILE MILLING, HOT-MIX	58,522.00 SY-IN
761001	BUTT JOINTS, HOT MIX	2,038.00 S.Y.
762001	SAW CUTTING, HOT MIX	4,317.00 L.F.
762002	SAW CUTTING, CONCRETE, FULL DEPTH	121.00 L.F.
763502	MAINTENANCE OF RAILROAD TRAFFIC	1.00 L.S.
763621	CONSTRUCTION ENGINEERING, REHABILITATION	7.00 HOUR
908001	TOPSOIL (TON)	257.00 TON
908014	PERMANENT GRASS SEEDING, DRY GROUND	3,120.00 S.Y.

\*\* DENOTES FIXED PRICE ITEM

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SOUTH  
MAINTENANCE

PAVEMENT & REHABILITATION, SUSSEX II, (DAGSBORO) 2013

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LOCATION 2 MAIN ST. DE20/DAGSBORO RD - (DAGSBORO) FROM HOT-MIX JOINTS NORTH OF  
CLAYTON ST, DE26(S326) TO CRICKET RD

---

COMMENTS:

1. RECOMMENDED M.O.T. TYPICAL APPLICATION, TA-10 (TRAVEL LANES).  
. TYPICAL APPLICATION, TA-3 (SHOULDERS).  
. TYPICAL APPLICATION, TA-28 (SIDEWALK).  
. TYPICAL APPLICATION, TA-29 (SIDEWALK).  
. TYPICAL APPLICATION, TA-46 (RAILROAD).
2. DAYTIME WORK HOURS: 8:00A - 6:00P. (MONDAY THRU THURSDAY).
3. NO SUMMER SEASON LANE CLOSURES PERMITTED.
4. ON THE MAIN CONSTRUCTION ROAD AND ALL INTERSECTING ROADS, "ROAD WORK AHEAD AND END" SIGNS FACING THE TRAFFIC SHALL BE PLACED AT 1500', 1000' AND 500' APPROACHING THE WORK ZONE. IN THOSE CASES, WHERE IT IS DIFFICULT TO MEET THE ABOVE CRITERIA BECAUSE OF DISTANCE LIMITATIONS, THE SIGN SHALL BE PLACED AS DIRECTED BY THE FIELD ENGINEER
5. COORDINATION WITH THE ADJACENT CONTRACTOR FOR THE HSIP SUSSEX COUNTY, US 113 INTERSECTION IMPROVEMENTS PROJECT CONTRACT NO. T200800902 (US113/DAGSBORO RD) FOR M.O.T. LANE CLOSURES AND SIGNAGE MAY BE NECESSARY.
6. THE GABC ITEM 302005 AND QUANTITY IS FOR UNIMPROVED DRIVEWAYS.
7. THE P.C.C. REMOVAL AND 6" SIDEWALK ITEMS ARE FOR CONCRETE DRIVEWAYS.
8. TAPER MILL FACE OF GUARDRAIL AND CURBED SECTIONS.
9. 2" MILL FULL WIDTH 100' IN EACH DIRECTION FROM CENTER LINE OF CULVERTS/BRIDGES AND PLACE BACK 2" HOT-MIX TYPE C OVERLAY OR AS DIRECTED BY THE FIELD ENGINEER. TAPER MILL REMAINING LENGTH OF GUARDRAIL AS NEEDED.

10. MILLING NOTES

- 
- A. 2" MILLING STARTING AT END OF TEXTURED PIGMENT DYED PAVEMENT AND THRU THE CURBED SECTION IN TOWN. THE INTENT IS TO WORK AROUND AND KEEP INTACT THE NEWER PAVEMENT AND PATTERNED AREAS FROM THE PREVIOUS TE PROJECT.
  - B. 1" MILLING FOR REMAINDER OF PROJECT LIMITS TO REMOVE EXISTING CRACK SEALANT.

11. HOT-MIX OVERLAY NOTES\*

- 
- A. USE 76-22 (NC) TYPE C WARM-MIX FOR TRAVEL LANES AND INTERSECTIONS.  
. USE 64-22 (C) TYPE C WARM-MIX FOR TURN LANES AND OUTSIDE SHOULDERS.
  - B. \*THE REMOVAL OF EXISTING RAISED PAVEMENT MARKERS SHALL BE INCIDENTAL TO THE OVERLAY.

12. M.O.R. NOTES

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NORFOLK SOUTHERN

SOUTH  
MAINTENANCE

PAVEMENT & REHABILITATION, SUSSEX II, (DAGSBORO) 2013

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LOCATION 2 MAIN ST. DE20/DAGSBORO RD - (DAGSBORO) FROM HOT-MIX JOINTS NORTH OF  
CLAYTON ST, DE26(S326) TO CRICKET RD

---

.2 PER DAY (FREIGHT)\*  
.2 PER NIGHT (FREIGHT)\*

\*NO PASSENGER SERVICE IS INVOLVED.

THE PAVEMENT AND REHABILITATION CONTRACT FINAL OVERLAY WILL TIE UP TO THE RAILROAD TRACKS.

13. BODIES MARKET/SERVICE STATION CURB RAMP NOTES

-----  
5 - TYPE 1 CURB RAMPS w/DOMES.

A. THE CURB RAMPS LOCATED AT THE ENTRANCE TO BODIES MARKET ARE NOT WITHIN THE STATE R.O.W. LIMITS AND ARE PRIVATELY OWNED. NO WORK SHALL BE STARTED UNTIL PERMISSIONS AND AGREEMENTS ARE OBTAINED AND FINALIZED BY DELDOT PERSONNEL.

- . 1. RECOMMENDED REMEDY IS TO PLACE THE TYPE 1-8 CURB ALONG TOP EDGE OF SWALE.  
(APPROX. LENGTH 27 LF.) CURB WILL ACT AS A RETAINING WALL TO SWALE.
- . 2. INSTALL TWO TYPE 1 CURB RAMPS BACK TO BACK MAINTAINING THE 50/1 SLOPE PER THE STANDARD DETAILS.
- . 3. SET THE OUTSIDE CURB AT THE STANDARD CURB HEIGHT TO THE FINISHED GRADE PER THE CURB RAMP STANDARD DETAILS.

B. CORNER OF WARRINGTON RD - THE EXISTING MODIFIED DRAINAGE SWALE ADJACENT TO THE SIDEWALK AND CURB RAMP IS NOT LOCATED WITHIN THE EXISTING R.O.W. LIMITS.

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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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**DELAWARE DEPARTMENT OF TRANSPORTATION**

**CONTRACT: T201306302**

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**SOUTH PAVEMENT & REHABILITATION, SUSSEX II, (DAGSBORO) 2013  
MAINTENANCE**

**CONTRACT QUANTITIES SUMMARY SHEET**

302005	GRADED AGGREGATE BASE COURSE, TYPE B	40.00 TON
401696	ENTRANCE, DRIVEWAY AND INTERSECTING STREET PAVING SURCHARGE	265.00 TON
401801	BITUMINOUS CONCRETE, SUPERPAVE, TYPE C, 160 GYRATIONS PG 64-22 (CARBONATE STONE)	3,398.00 TON
401807	BITUMINOUS CONCRETE, SUPERPAVE, TYPE C, 160 GYRATIONS, PG 76-22 (CARBONATE STONE)	511.00 TON
401823	BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22, PATCHING	163.00 TON
401833	BITUMINOUS CONCRETE, SUPERPAVE, TYPE C, 160 GYRATIONS, PG 76-22, (NON-CARBONATE STONE)	3,085.00 TON
402000	BITUMINOUS CONCRETE AND/OR COLD-LAID BITUMINOUS CONCRETE (TRM)	16.00 TON
406001	BITUMINOUS CONCRETE PATCHING	2,800.00 SY-IN
701010	PORTLAND CEMENT CONCRETE CURB, TYPE 1-8	27.00 L.F.
705002	P.C.C. SIDEWALK, 6"	378.00 S.F.
705007	SIDEWALK SURFACE DETECTABLE WARNING SYSTEM	160.00 S.F.
705008	CURB RAMP, TYPE 1	1,440.00 S.F.
710001	ADJUSTING AND REPAIRING EXISTING DRAINAGE INLET	26.00 EACH
710002	ADJUSTING AND REPAIRING EXISTING MANHOLE	9.00 EACH
743003	ARROWPANELS, TYPE C	16.00 EA-DY
743004	FURNISH AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN	28.00 EA-DY
743007	** TRAFFIC OFFICERS	162.00 HOUR
743010	FURNISH AND MAINTAIN TRUCK MOUNTED ATTENUATOR, TYPE II	23.00 EA-DY
743052	FLAGGER, SUSSEX COUNTY, STATE	709.00 HOUR
743064	FLAGGER, SUSSEX COUNTY, STATE, OVERTIME	106.00 HOUR
746924	FURNISH & INSTALL LOOP WIRE 1-CONDUCTOR #14 AWG ENCASED IN 1/4" FLEXIBLE TUBING IN A LOOP SAWCUT	100.00 L.F.
748015	PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND ALKYD-THERMOPLASTIC	535.00 S.F.
748019	TEMPORARY MARKINGS, PAINT, 4"	57,775.00 L.F.
748026	TEMPORARY MARKINGS, PAINT SYMBOL/LEGEND	690.00 S.F.
748027	PERMANENT PAVEMENT STRIPING, ALKYD-THERMOPLASTIC, 12"	80.00 L.F.
748502	RAISED/RECESSED PAVEMENT MARKER	175.00 EACH
748548	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/YELLOW, 5"	47,975.00 L.F.
749687	INSTALLATION OR REMOVAL OF TRAFFIC SIGN(S) ON SINGLE SIGN POST	40.00 EACH

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DELAWARE DEPARTMENT OF TRANSPORTATION

CONTRACT: T201306302

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SOUTH PAVEMENT & REHABILITATION, SUSSEX II, (DAGSBORO) 2013  
MAINTENANCE

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CONTRACT QUANTITIES SUMMARY SHEET

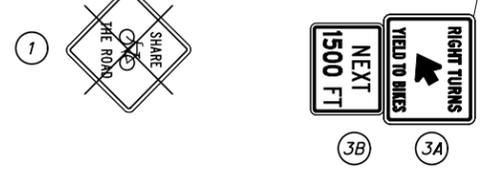
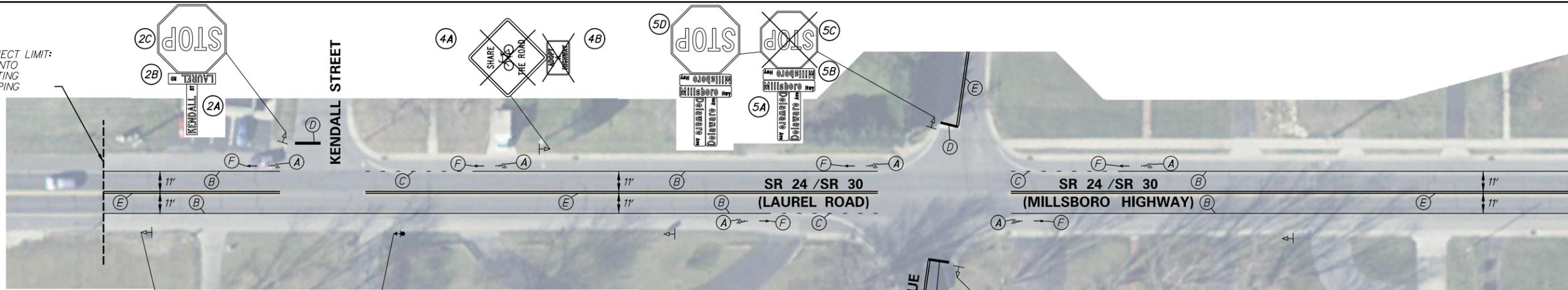
749688	INSTALLATION OF 4" DIAMETER HOLE, LESS THAN OR EQUAL TO 6" DEPTH	6.00 EACH
758000	REMOVAL OF EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, CURB, SIDEWALK, ETC.	42.00 S.Y.
760507	PROFILE MILLING, HOT-MIX	74,667.00 SY-IN
761001	BUTT JOINTS, HOT MIX	2,038.00 S.Y.
762001	SAW CUTTING, HOT MIX	4,943.00 L.F.
762002	SAW CUTTING, CONCRETE, FULL DEPTH	121.00 L.F.
763000	INITIAL EXPENSE	LUMP SUM
763502	MAINTENANCE OF RAILROAD TRAFFIC	1.00 L.S.
763621	CONSTRUCTION ENGINEERING, REHABILITATION	12.00 HOUR
763643	MAINTENANCE OF TRAFFIC, ALL INCLUSIVE	LUMP SUM
908001	TOPSOIL (TON)	265.00 TON
908014	PERMANENT GRASS SEEDING, DRY GROUND	3,243.00 S.Y.

\*\* DENOTES FIXED PRICE ITEM

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PROJECT LIMIT:  
TIE INTO  
EXISTING  
STRIPING

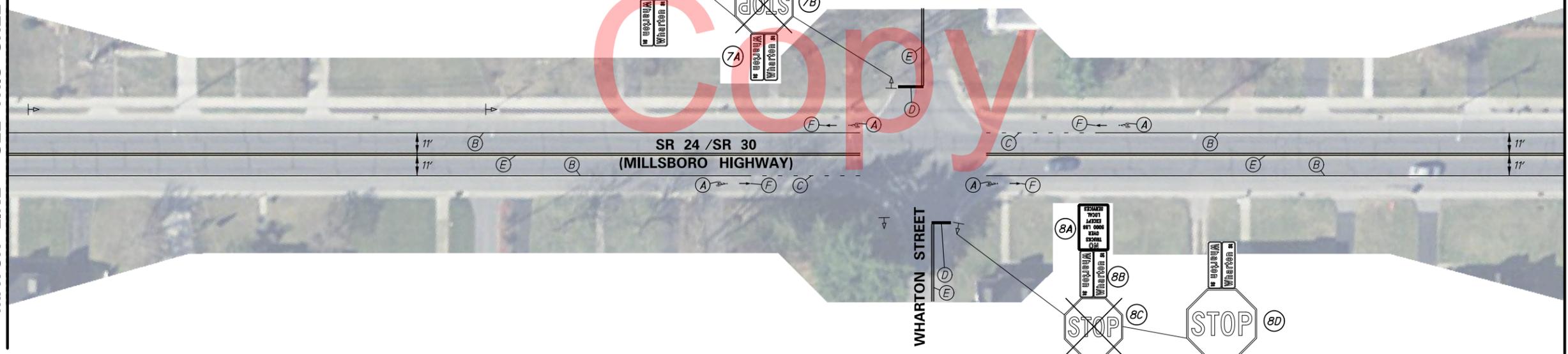


PAVEMENT MARKINGS LEGEND	
SYMBOL	ITEM
(A)	WHITE PREFORMED RETROREFLECTIVE THERMOPLASTIC PAVEMENT MARKING, BIKE SYMBOL (ITEM 748553)
(B)	5" SOLID WHITE EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548)
(C)	5" DOTTED WHITE EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548) (2' LINE, 6' GAP, 2' LINE)
(D)	16" SOLID WHITE ALKYD THERMOPLASTIC, PERMANENT PAVEMENT STRIPING (ITEM 748015)
(E)	5" SOLID DOUBLE YELLOW EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548)
(F)	WHITE ALKYD THERMOPLASTIC, PERMANENT PAVEMENT STRIPING (ITEM 748015)

**GENERAL NOTES FOR SIGNING AND STRIPING:**

- ROADWAY GEOMETRY IS BASED OFF AERIAL PHOTOGRAPHY. CONTRACTOR TO FOLLOW PROPOSED STRIPING AND PAVEMENT MARKINGS LEGEND. LOCATIONS OF EXISTING STRIPING SHOWN ON AERIAL ARE NOT TO BE REPRODUCED.
- THE CONTRACTOR SHALL BE GOVERNED BY THE STANDARDS AND REQUIREMENTS OF THE FOLLOWING PUBLICATIONS, EXCEPT AS MODIFIED BY THE SPECIAL PROVISIONS OF THIS CONTRACT OR THROUGH WRITTEN APPROVAL BY THE ENGINEER.
  - DELDOT - "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" 2011 EDITION AND SUBSEQUENT REVISIONS (M.U.T.C.D.)
  - A.A.S.H.T.O. - STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS - 6TH EDITION AND SUBSEQUENT PUBLICATIONS
  - F.H.W.A. - "STANDARD HIGHWAY SIGNS", 2004 EDITION AND SUBSEQUENT SUPPLEMENTS
- THE CONTRACTOR SHALL INSTALL NEW POSTS WHERE ADDITIONAL SIGN HEIGHT IS WARRANTED.
- THE CONTRACTOR SHALL INSTALL RAISED/RECESSED PAVEMENT MARKERS (RPMs) PER PART 3 OF THE DE MUTCD (SEE FIGURE 3B-15D).

MATCH LINE - SEE THIS SHEET



MATCH LINE - SEE SHEET 3

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ADDENDUMS / REVISIONS	



**PAVEMENT & REHABILITATION,  
SUSSEX II (DAGSBORO), 2013**

CONTRACT T201306302	BRIDGE NO.
COUNTY SUSSEX	DESIGNED BY: B.M.W. (WR&A)
	CHECKED BY: M.J.B. (WR&A)

**SIGNING AND STRIPING PLAN**

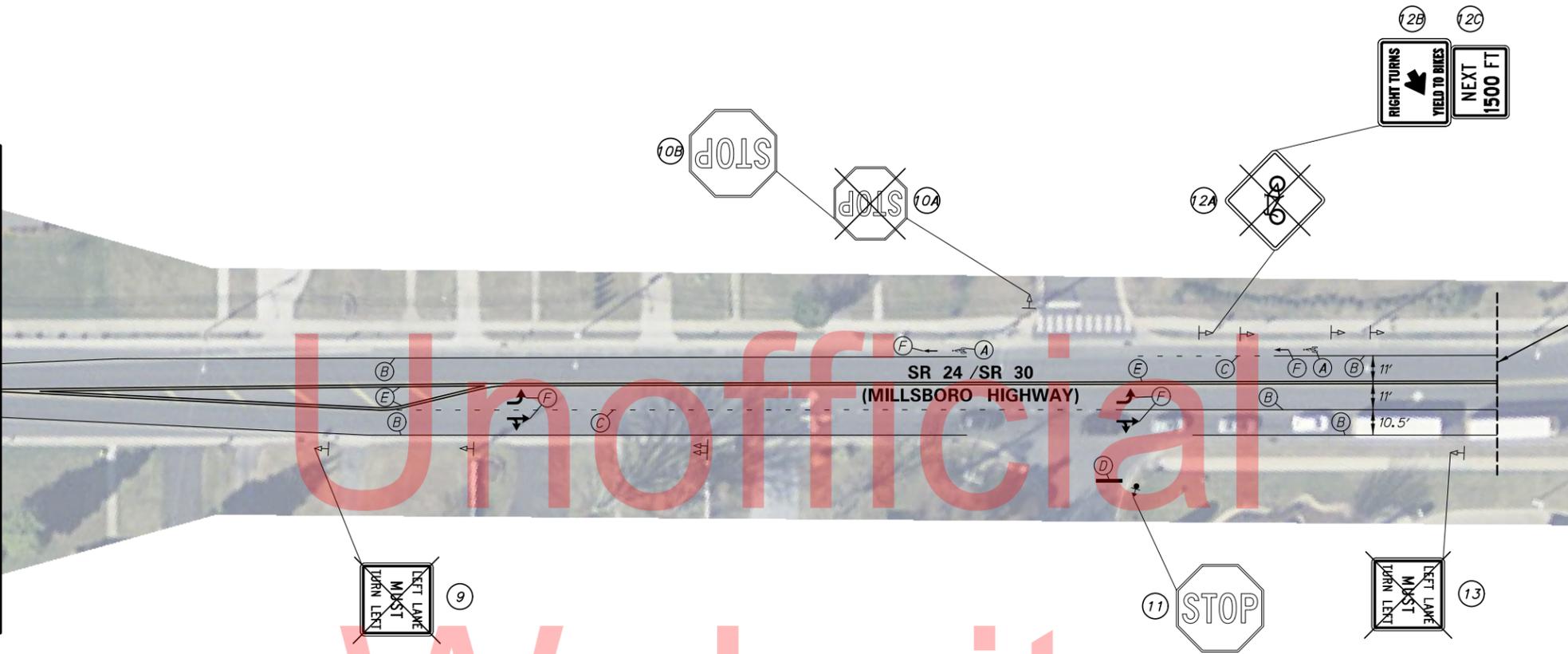
SHEET NO.	2
TOTAL SHTS.	4

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MATCH LINE - SEE THIS SHEET



MATCH LINE - SEE SHEET 2



PROJECT LIMIT:  
TIE INTO  
EXISTING  
STRIPING

PAVEMENT MARKINGS LEGEND	
SYMBOL	ITEM
(A)	WHITE PREFORMED RETROREFLECTIVE THERMOPLASTIC PAVEMENT MARKING, BIKE SYMBOL (ITEM 748553)
(B)	5" SOLID WHITE EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548)
(C)	5" DOTTED WHITE EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548) (2" LINE, 6" GAP, 2" LINE)
(D)	16" SOLID WHITE ALKYD THERMOPLASTIC, PERMANENT PAVEMENT STRIPING (ITEM 748015)
(E)	5" SOLID DOUBLE YELLOW EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548)
(F)	WHITE ALKYD THERMOPLASTIC, PERMANENT PAVEMENT STRIPING (ITEM 748015)

GENERAL NOTES FOR SIGNING AND STRIPING:

1. ROADWAY GEOMETRY IS BASED OFF AERIAL PHOTOGRAPHY. CONTRACTOR TO FOLLOW PROPOSED STRIPING AND PAVEMENT MARKINGS LEGEND. LOCATIONS OF EXISTING STRIPING SHOWN ON AERIAL ARE NOT TO BE REPRODUCED.

2. THE CONTRACTOR SHALL BE GOVERNED BY THE STANDARDS AND REQUIREMENTS OF THE FOLLOWING PUBLICATIONS, EXCEPT AS MODIFIED BY THE SPECIAL PROVISIONS OF THIS CONTRACT OR THROUGH WRITTEN APPROVAL BY THE ENGINEER.

DELDOT - "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" 2011 EDITION AND SUBSEQUENT REVISIONS (M.U.T.C.D.)

A.A.S.H.T.O. - STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS - 6TH EDITION AND SUBSEQUENT PUBLICATIONS

F.H.W.A. - "STANDARD HIGHWAY SIGNS", 2004 EDITION AND SUBSEQUENT SUPPLEMENTS

3. THE CONTRACTOR SHALL INSTALL NEW POSTS WHERE ADDITIONAL SIGN HEIGHT IS WARRANTED.

4. THE CONTRACTOR SHALL INSTALL RAISED/RECESSED PAVEMENT MARKERS (RPMS) PER PART 3 OF THE DE MUTCD (SEE FIGURE 3B-15D).

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ADDENDUMS / REVISIONS	



PAVEMENT & REHABILITATION,  
SUSSEX II (DAGSBORO), 2013

CONTRACT	BRIDGE NO.
T201306302	
COUNTY	DESIGNED BY: B.M.W. (WR&A)
SUSSEX	CHECKED BY: M.J.B. (WR&A)

SIGNING AND STRIPING PLAN

SHEET NO.
3
TOTAL SHTS.
4

T201306302 - SIGN SCHEDULE

#	SHEET NO.	PLAN INDICATOR	CODE	QTY.	DESCRIPTION	ASSEMBLY NO.	SIGN WIDTH (N)	SIGN HEIGHT (IN)	SIGN AREA (SF)	ITEM 749687 SINGLE POST (EACH)			ITEM 749690 MULTI POST (SF)			POST INSTALLATION TYPE	Code X11 12' Post (W/Basepost)	ITEM 749688 4" HOLE, 0-6" (EACH)	ITEM 749689 4" HOLE, >6" (EACH)	REMARKS
										SIGN DISPOSITION	REMOVE	INSTALL	SIGN DISPOSITION	REMOVE	INSTALL					
	2	1	-	1	SHARE THE ROAD	1				REMOVE	1					0	0	0		
	2	2A		1	KENDALL ST	2				REMAIN						0	0	0		
	2	2B		1	LAUREL RD	2				REMAIN						0	0	0		
	2	2C		1	STOP	2				REMAIN						0	0	0		
305	2	3A	R4-4-DE	1	RIGHT TURNS YIELD TO BIKE	3	36"	30"	7.5	NEW		1			SOIL	1	0	0		
1347	2	3B	W16-4P	1	NEXT XX FEET (plaque)	3	30"	24"	5	NEW		1				0	0	0	"1500"	
	2	4A	-	1	SHARE THE ROAD	4				REMOVE	1					0	0	0		
	2	4B	AAH-1-DE	1	ADOPT A HIGHWAY	4				REMOVE	1					0	0	0		
1671	2	5A	D3-1	1	Delaware Ave	5				REPOSITION	1	1			SOIL	1	0	0		
1671	2	5B	D3-1	1	Millsboro Hwy	5				REPOSITION	1	1				0	0	0		
3	2	5C	R1-1(30)	1	STOP	5				REMOVE	1					0	0	0		
4	2	5D	R1-1(36)	1	STOP	5	36"	36"	9	NEW		1				0	0	0		
1671	2	6A	D3-1	1	DELAWARE AVE	6				REMOVE	1					0	0	0		
3	2	6B	R1-1(30)	1	STOP	6				REMOVE	1					0	0	0		
1671	2	6C	D3-1(42)	2	STREET NAME (1 Line)	6	42"	12"	7	NEW		2			SOIL	1	0	0	"Delaware Ave"	
4	2	6D	R1-1(36)	1	STOP	6	36"	36"	9	NEW		1				0	0	0		
	2	7A	D3-1	2	Wharton St	7				REPOSITION	2	2			SOIL	1	0	0		
3	2	7B	R1-1(30)	1	STOP	7				REMOVE	1					0	0	0		
4	2	7C	R1-1(36)	1	STOP	7	36"	36"	9	NEW		1				0	0	0		
	2	8A	R-CUSTOM	1	NO TRUCKS OVER 5000 LBS	8				REPOSITION	1	1			SOIL	1	0	0		
	2	8B	D3-1	2	Wharton St	8				REPOSITION	2	2				0	0	0		
3	2	8C	R1-1(30)	1	STOP	8				REMOVE	1					0	0	0		
4	2	8D	R1-1(36)	1	STOP	8	36"	36"	9	NEW		1			SOIL	1	0	0		
	3	9	R3-7L	1	LEFT LANE MUST TURN LEFT	9				REMOVE	1					0	0	0		
3	3	10A	R1-1(30)	1	STOP	10				REMOVE	1					0	0	0		
4	3	10B	R1-1(36)	1	STOP	10	36"	36"	9	NEW		1			SOIL	1	0	0		
4	3	11	R1-1(36)	1	STOP	11	36"	36"	9	NEW		1			SOIL	1	0	0		
1164	3	12A	W11-1(30)	1	BICYCLE (Symbol) - 30x30	12				REMOVE	1					0	0	0		
305	3	12B	R4-4-DE	1	RIGHT TURNS YIELD TO BIKE	12			7.5	NEW		1			SOIL	1	0	0		
1347	3	12C	W16-4P	1	NEXT XX FEET (plaque)	12			5	NEW		1				0	0	0	"1500"	
	3	13	R3-7L	1	LEFT LANE MUST TURN LEFT	13				REMOVE	1					0	0	0		
<b>PAGE TOTALS</b>									<b>86</b>							<b>9</b>	<b>0</b>	<b>0</b>		
<b>JOB TOTALS</b>									<b>86</b>								<b>9</b>	<b>0</b>	<b>0</b>	

Copy

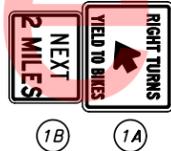
W:\2013\06\302\Highway\Millsboro\SS02\_Millsboro.dgn  
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PROJECT LIMIT:  
TIE INTO  
EXISTING  
STRIPING



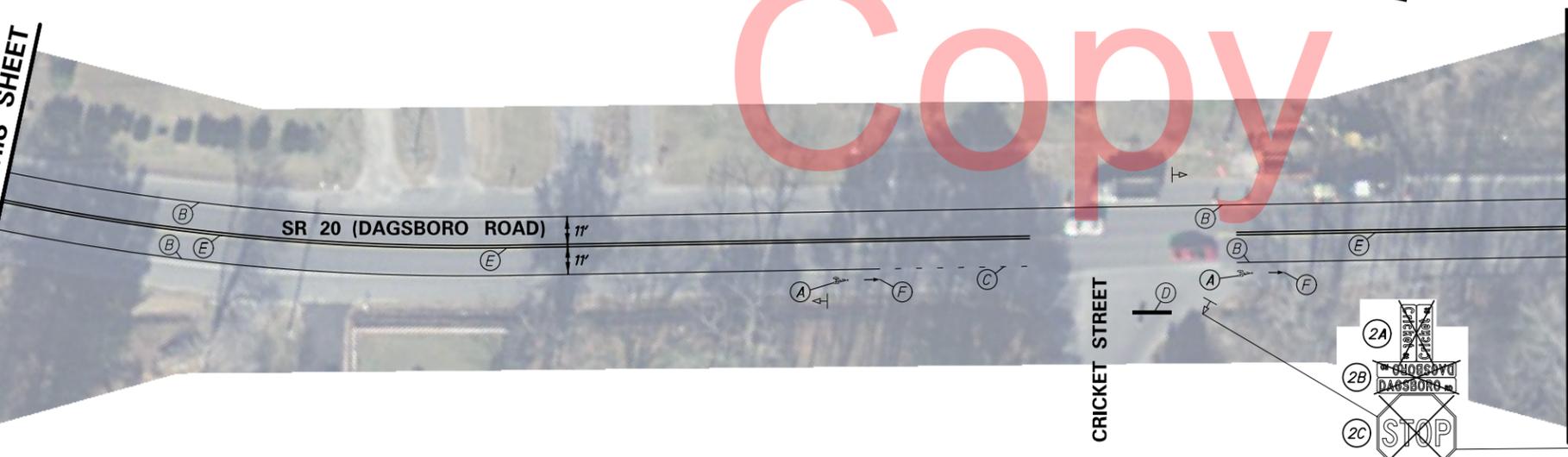
PAVEMENT MARKINGS LEGEND	
SYMBOL	ITEM
(A)	WHITE PREFORMED RETROREFLECTIVE THERMOPLASTIC PAVEMENT MARKING, BIKE SYMBOL (ITEM 748553)
(B)	5" SOLID WHITE EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548)
(C)	5" DOTTED WHITE EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548) (2' LINE, 6' GAP, 2' LINE)
(D)	16" SOLID WHITE ALKYD THERMOPLASTIC, PERMANENT PAVEMENT STRIPING (ITEM 748015)
(E)	5" SOLID DOUBLE YELLOW EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548)
(F)	WHITE ALKYD THERMOPLASTIC, PERMANENT PAVEMENT STRIPING (ITEM 748015)
(G)	5" SOLID YELLOW EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548)
(H)	5" BROKEN YELLOW EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548) (10' LINE, 30' GAP, 10' LINE)



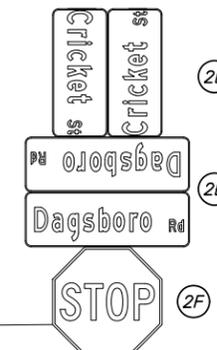
**GENERAL NOTES FOR SIGNING AND STRIPING:**

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- THE CONTRACTOR SHALL BE GOVERNED BY THE STANDARDS AND REQUIREMENTS OF THE FOLLOWING PUBLICATIONS, EXCEPT AS MODIFIED BY THE SPECIAL PROVISIONS OF THIS CONTRACT OR THROUGH WRITTEN APPROVAL BY THE ENGINEER.  
 DELDOT - "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" 2011 EDITION AND SUBSEQUENT REVISIONS (M.U.T.C.D.)  
 A.A.S.H.T.O. - STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS - 6TH EDITION AND SUBSEQUENT PUBLICATIONS  
 F.H.W.A. - "STANDARD HIGHWAY SIGNS", 2004 EDITION AND SUBSEQUENT SUPPLEMENTS
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- THE CONTRACTOR SHALL INSTALL RAISED/RECESSED PAVEMENT MARKERS (RPMs) PER PART 3 OF THE DE MUTCD (SEE FIGURES 3B-15D AND 3B-15F).

MATCH LINE - SEE THIS SHEET



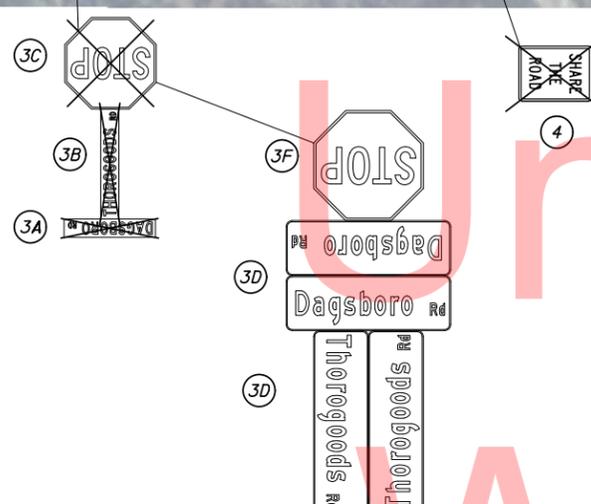
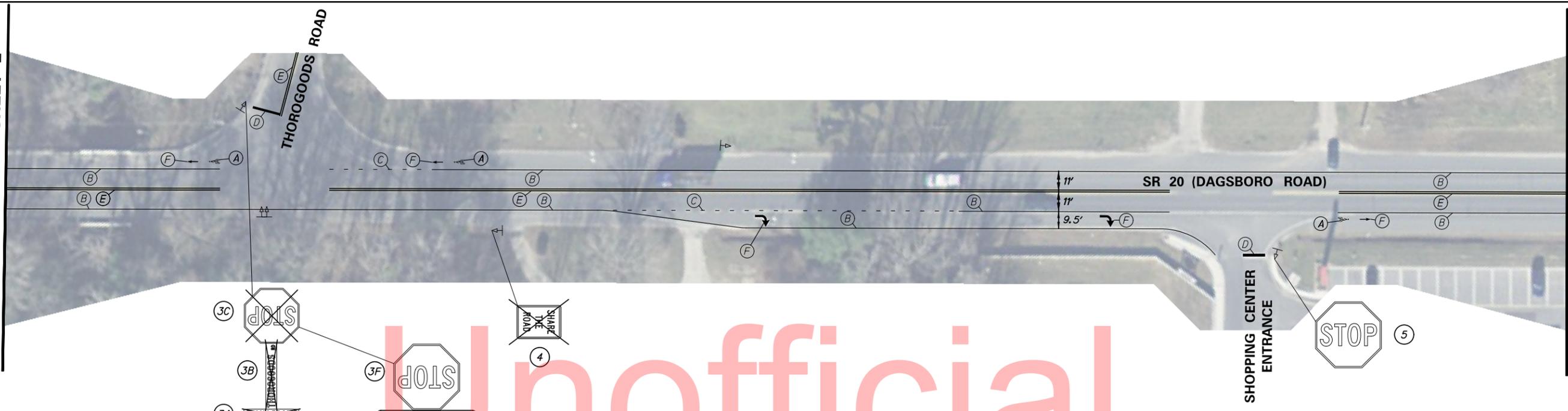
MATCH LINE - SEE SHEET 3



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MATCH LINE - SEE SHEET 2

MATCH LINE - SEE THIS SHEET



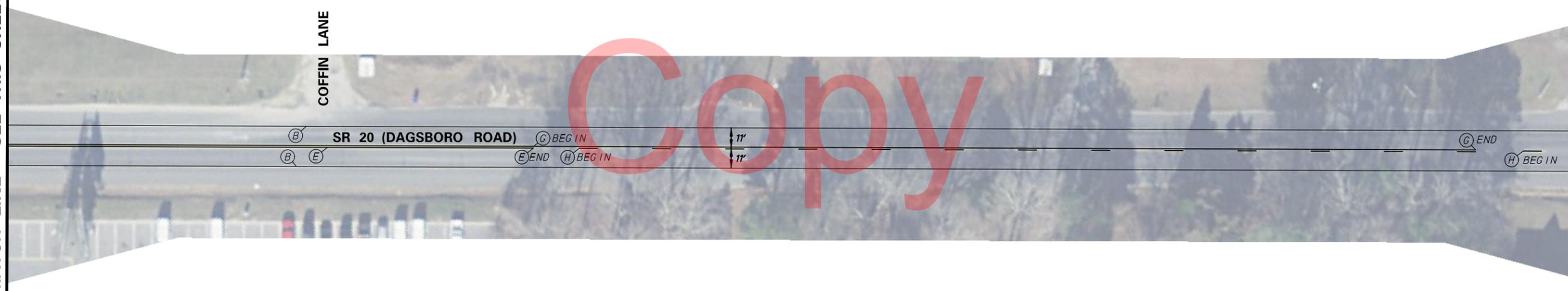
PAVEMENT MARKINGS LEGEND	
SYMBOL	ITEM
(A)	WHITE PREFORMED RETROREFLECTIVE THERMOPLASTIC PAVEMENT MARKING, BIKE SYMBOL (ITEM 748553)
(B)	5" SOLID WHITE EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548)
(C)	5" DOTTED WHITE EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548) (2' LINE, 6' GAP, 2' LINE)
(D)	16" SOLID WHITE ALKYD THERMOPLASTIC, PERMANENT PAVEMENT STRIPING (ITEM 748015)
(E)	5" SOLID DOUBLE YELLOW EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548)
(F)	WHITE ALKYD THERMOPLASTIC, PERMANENT PAVEMENT STRIPING (ITEM 748015)
(G)	5" SOLID YELLOW EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548)
(H)	5" BROKEN YELLOW EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548) (10' LINE, 30' GAP, 10' LINE)

GENERAL NOTES FOR SIGNING AND STRIPING:

- ROADWAY GEOMETRY IS BASED OFF AERIAL PHOTOGRAPHY. CONTRACTOR TO FOLLOW PROPOSED STRIPING AND PAVEMENT MARKINGS LEGEND. LOCATIONS OF EXISTING STRIPING SHOWN ON AERIAL ARE NOT TO BE REPRODUCED.
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 DELDOT - "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" 2011 EDITION AND SUBSEQUENT REVISIONS (M.U.T.C.D.)  
  
 A.A.S.H.T.O. - STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS - 6TH EDITION AND SUBSEQUENT PUBLICATIONS  
  
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- THE CONTRACTOR SHALL INSTALL RAISED/REGESSED PAVEMENT MARKERS (RPMs) PER PART 3 OF THE DE MUTCD (SEE FIGURES 3B-15D AND 3B-15F).

MATCH LINE - SEE THIS SHEET

MATCH LINE - SEE SHEET 4



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ADDENDUMS / REVISIONS	



PAVEMENT & REHABILITATION, SUSSEX II (DAGSBORO), 2013

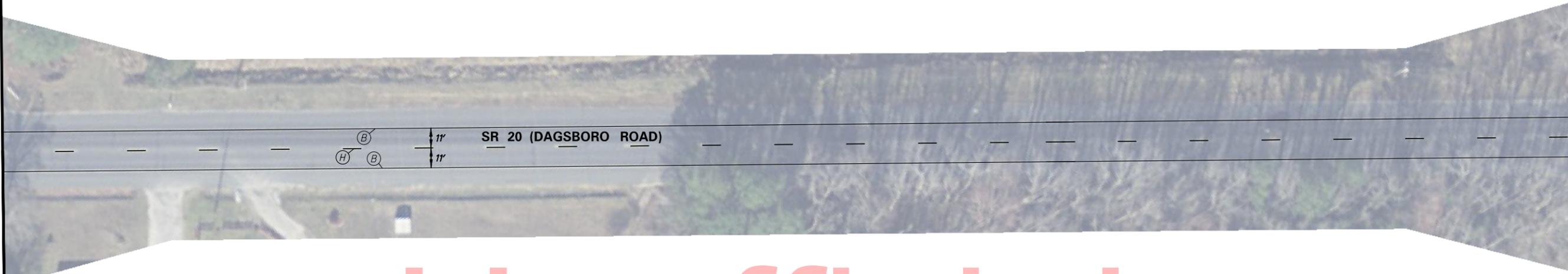
CONTRACT	BRIDGE NO.
T201306302	
COUNTY	DESIGNED BY: B.M.W. (WR&A)
SUSSEX	CHECKED BY: M.J.B. (WR&A)

SIGNING AND STRIPING PLAN

SHEET NO.
3
TOTAL SHTS.
11

MATCH LINE - SEE THIS SHEET

MATCH LINE - SEE SHEET 3



# Unofficial

PAVEMENT MARKINGS LEGEND	
SYMBOL	ITEM
(A)	WHITE PREFORMED RETROREFLECTIVE THERMOPLASTIC PAVEMENT MARKING, BIKE SYMBOL (ITEM 748553)
(B)	5" SOLID WHITE EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548)
(C)	5" DOTTED WHITE EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548) (2" LINE, 6" GAP, 2" LINE)
(D)	16" SOLID WHITE ALKYD THERMOPLASTIC, PERMANENT PAVEMENT STRIPING (ITEM 748015)
(E)	5" SOLID DOUBLE YELLOW EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548)
(F)	WHITE ALKYD THERMOPLASTIC, PERMANENT PAVEMENT STRIPING (ITEM 748015)
(G)	5" SOLID YELLOW EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548)
(H)	5" BROKEN YELLOW EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548) (10' LINE, 30' GAP, 10' LINE)

**GENERAL NOTES FOR SIGNING AND STRIPING:**

- ROADWAY GEOMETRY IS BASED OFF AERIAL PHOTOGRAPHY. CONTRACTOR TO FOLLOW PROPOSED STRIPING AND PAVEMENT MARKINGS LEGEND. LOCATIONS OF EXISTING STRIPING SHOWN ON AERIAL ARE NOT TO BE REPRODUCED.
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# Website

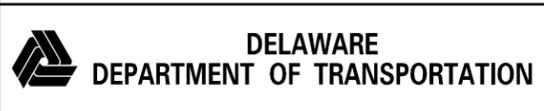
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MATCH LINE - SEE THIS SHEET

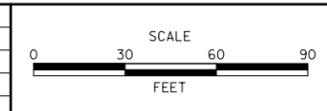
MATCH LINE - SEE SHEET 5



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ADDENDUMS / REVISIONS	



**PAVEMENT & REHABILITATION,  
SUSSEX II (DAGSBORO), 2013**

CONTRACT T201306302	BRIDGE NO.
COUNTY SUSSEX	DESIGNED BY: B.M.W. (WR&A)
	CHECKED BY: M.J.B. (WR&A)

**SIGNING AND STRIPING PLAN**

SHEET NO. 4
TOTAL SHTS. 11



MATCH LINE - SEE SHEET 4

MATCH LINE - SEE THIS SHEET



# Unofficial

PAVEMENT MARKINGS LEGEND	
SYMBOL	ITEM
(A)	WHITE PREFORMED RETROREFLECTIVE THERMOPLASTIC PAVEMENT MARKING, BIKE SYMBOL (ITEM 748553)
(B)	5" SOLID WHITE EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548)
(C)	5" DOTTED WHITE EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548) (2" LINE, 6" GAP, 2" LINE)
(D)	18" SOLID WHITE ALKYD THERMOPLASTIC, PERMANENT PAVEMENT STRIPING (ITEM 748015)
(E)	5" SOLID DOUBLE YELLOW EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548)
(F)	WHITE ALKYD THERMOPLASTIC, PERMANENT PAVEMENT STRIPING (ITEM 748015)
(G)	5" SOLID YELLOW EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548)
(H)	5" BROKEN YELLOW EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548) (10' LINE, 30' GAP, 10' LINE)

**GENERAL NOTES FOR SIGNING AND STRIPING:**

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MATCH LINE - SEE THIS SHEET

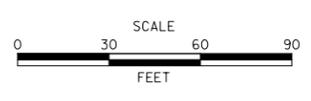
MATCH LINE - SEE SHEET 6



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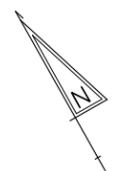
ADDENDUMS / REVISIONS	



**PAVEMENT & REHABILITATION,  
SUSSEX II (DAGSBORO), 2013**

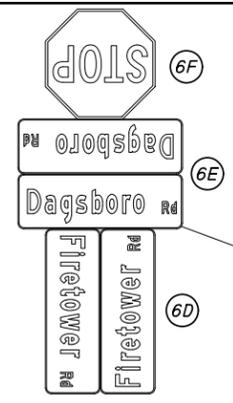
CONTRACT T201306302	BRIDGE NO.
COUNTY SUSSEX	DESIGNED BY: B.M.W. (WR&A)
	CHECKED BY: M.J.B. (WR&A)

<b>SIGNING AND STRIPING PLAN</b>	SHEET NO. 5
	TOTAL SHTS. 11



MATCH LINE - SEE SHEET 5

MATCH LINE - SEE THIS SHEET



FIRETOWER ROAD

SR 20 (DAGSBORO ROAD)

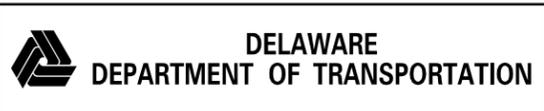
PAVEMENT MARKINGS LEGEND	
SYMBOL	ITEM
(A)	WHITE PREFORMED RETROREFLECTIVE THERMOPLASTIC PAVEMENT MARKING, BIKE SYMBOL (ITEM 748553)
(B)	5" SOLID WHITE EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548)
(C)	5" DOTTED WHITE EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548) (2' LINE, 6' GAP, 2' LINE)
(D)	16" SOLID WHITE ALKYD THERMOPLASTIC, PERMANENT PAVEMENT STRIPING (ITEM 748015)
(E)	5" SOLID DOUBLE YELLOW EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548)
(F)	WHITE ALKYD THERMOPLASTIC, PERMANENT PAVEMENT STRIPING (ITEM 748015)
(G)	5" SOLID YELLOW EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548)
(H)	5" BROKEN YELLOW EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548) (10' LINE, 30' GAP, 10' LINE)

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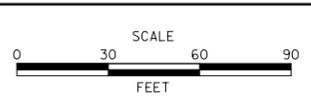
MATCH LINE - SEE THIS SHEET

MATCH LINE - SEE SHEET 7

SR 20 (DAGSBORO ROAD)



ADDENDUMS / REVISIONS	



PAVEMENT & REHABILITATION, SUSSEX II (DAGSBORO), 2013

CONTRACT T201306302	BRIDGE NO.
COUNTY SUSSEX	DESIGNED BY: B.M.W. (WR&A)
	CHECKED BY: M.J.B. (WR&A)

<b>SIGNING AND STRIPING PLAN</b>	SHEET NO. 6
	TOTAL SHTS. 11

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Date: 20/2014 10:57:42 AM



MATCH LINE - SEE SHEET 6

MATCH LINE - SEE THIS SHEET

MATCH LINE - SEE THIS SHEET

MATCH LINE - SEE SHEET 8

SR 20 (DAGSBORO ROAD)

TRAIN LANE

SR 20 (MAIN STREET)

SR 20 (DAGSBORO ROAD)

PAVEMENT MARKINGS LEGEND	
SYMBOL	ITEM
(A)	WHITE PREFORMED RETROREFLECTIVE THERMOPLASTIC PAVEMENT MARKING, BIKE SYMBOL (ITEM 748553)
(B)	5" SOLID WHITE EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548)
(C)	5" DOTTED WHITE EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548) (2' LINE, 6' GAP, 2' LINE)
(D)	16" SOLID WHITE ALKYD THERMOPLASTIC, PERMANENT PAVEMENT STRIPING (ITEM 748015)
(E)	5" SOLID DOUBLE YELLOW EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548)
(F)	WHITE ALKYD THERMOPLASTIC, PERMANENT PAVEMENT STRIPING (ITEM 748015)
(G)	5" SOLID YELLOW EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548)
(H)	5" BROKEN YELLOW EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548) (10' LINE, 30' GAP, 10' LINE)

**GENERAL NOTES FOR SIGNING AND STRIPING:**

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RAILROAD FLASHER ASSEMBLY

RAILROAD FLASHER ASSEMBLY

ADDENDUMS / REVISIONS



PAVEMENT & REHABILITATION, SUSSEX II (DAGSBORO), 2013

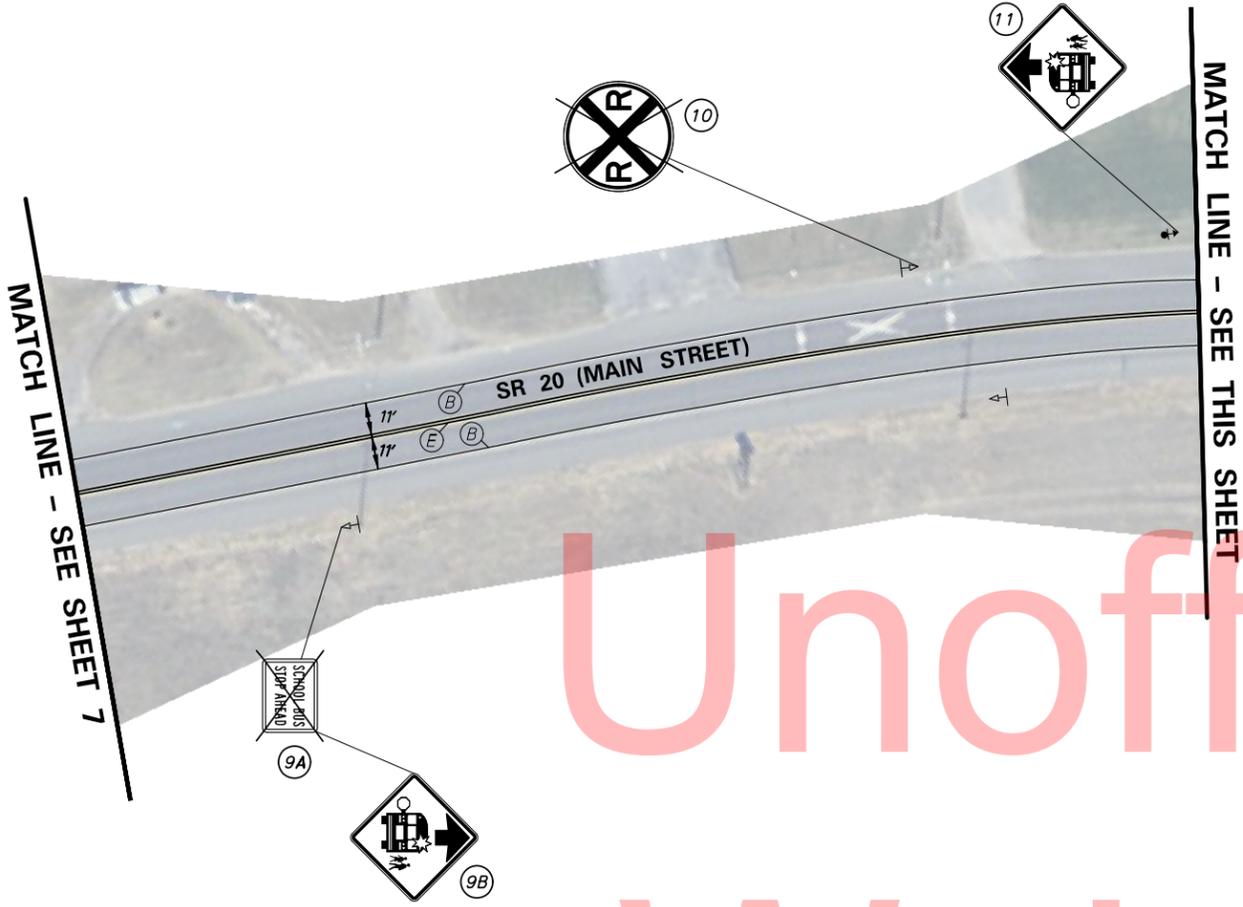
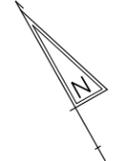
CONTRACT	BRIDGE NO.
T201306302	
COUNTY	DESIGNED BY: B.M.W. (WR&A)
SUSSEX	CHECKED BY: M.J.B. (WR&A)

SIGNING AND STRIPING PLAN

SHEET NO.
7
TOTAL SHTS.
11

No. 1862-001\CAD\SS01 - Dagsboro.dgn 10/20/2014 10:57:44 AM

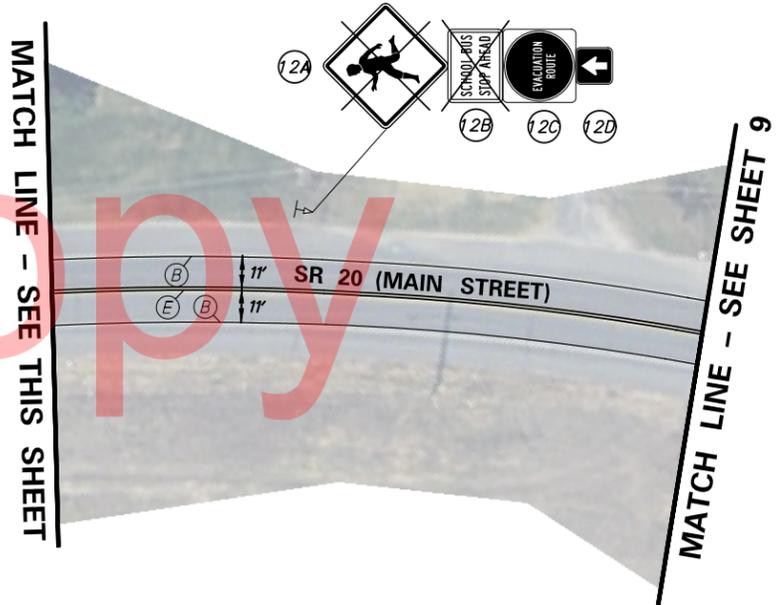




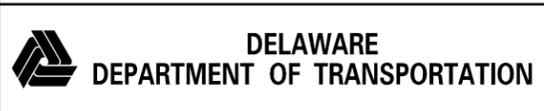
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Unofficial  
Website  
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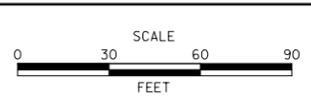
PAVEMENT MARKINGS LEGEND	
SYMBOL	ITEM
A	WHITE PERFORMED RETROREFLECTIVE THERMOPLASTIC PAVEMENT MARKING, BIKE SYMBOL (ITEM 748553)
B	5" SOLID WHITE EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548)
C	5" DOTTED WHITE EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548) (2' LINE, 6' GAP, 2' LINE)
D	16" SOLID WHITE ALKYD THERMOPLASTIC, PERMANENT PAVEMENT STRIPING (ITEM 748015)
E	5" SOLID DOUBLE YELLOW EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548)
F	WHITE ALKYD THERMOPLASTIC, PERMANENT PAVEMENT STRIPING (ITEM 748015)
G	5" SOLID YELLOW EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548)
H	5" BROKEN YELLOW EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548) (10' LINE, 30' GAP, 10' LINE)



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ADDENDUMS / REVISIONS	

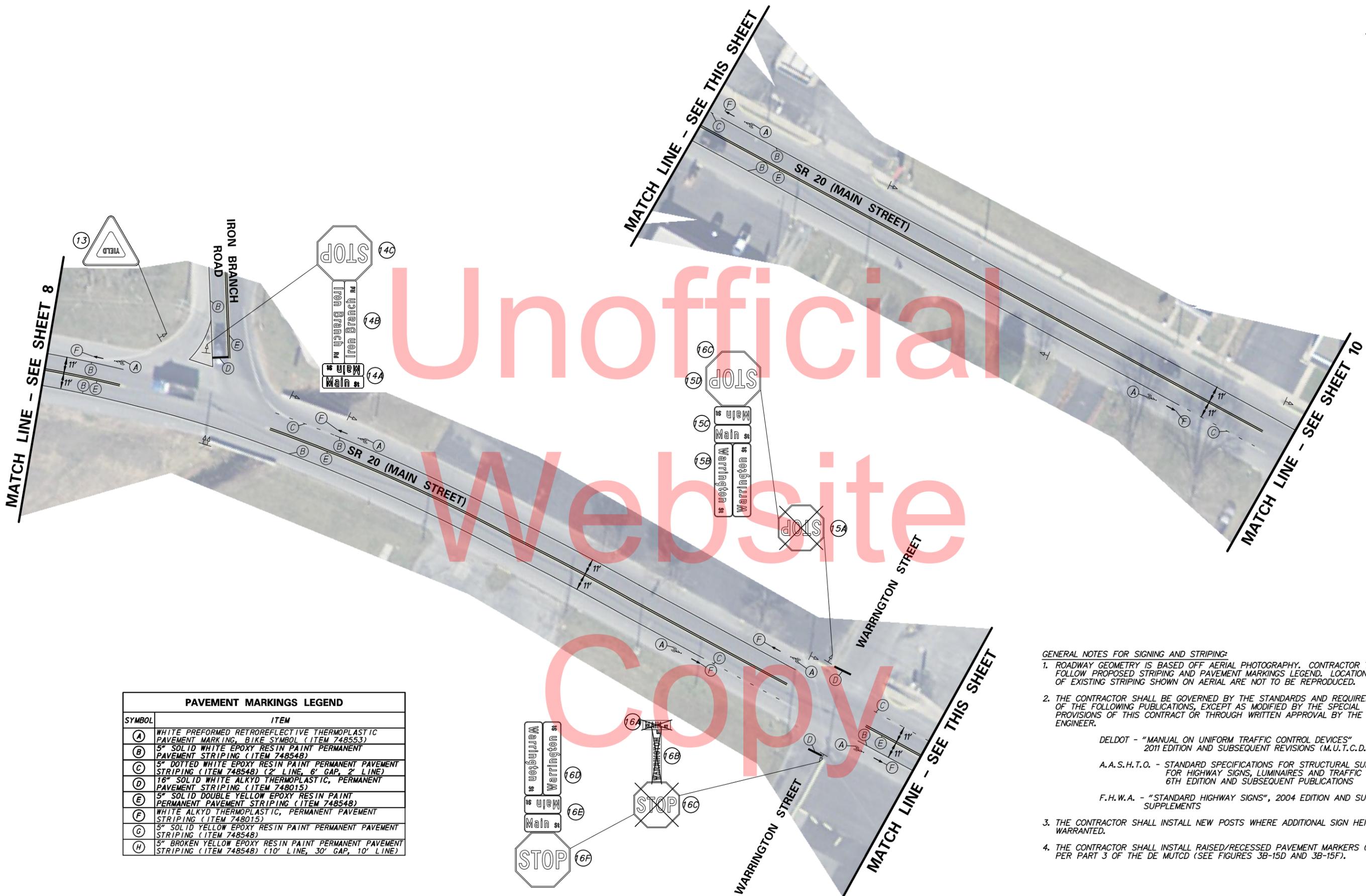
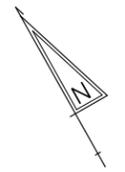


**PAVEMENT & REHABILITATION,  
SUSSEX II (DAGSBORO), 2013**

CONTRACT T201306302	BRIDGE NO.
COUNTY SUSSEX	DESIGNED BY: B.M.W. (WR&A)
	CHECKED BY: M.J.B. (WR&A)

**SIGNING AND STRIPING PLAN**

SHEET NO. 8
TOTAL SHTS. 11

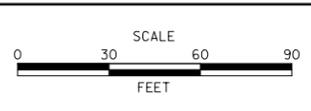


PAVEMENT MARKINGS LEGEND	
SYMBOL	ITEM
(A)	WHITE PREFORMED RETROREFLECTIVE THERMOPLASTIC PAVEMENT MARKING, BIKE SYMBOL (ITEM 748553)
(B)	5" SOLID WHITE EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548)
(C)	5" DOTTED WHITE EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548) (2' LINE, 6" GAP, 2' LINE)
(D)	16" SOLID WHITE ALKYD THERMOPLASTIC, PERMANENT PAVEMENT STRIPING (ITEM 748015)
(E)	5" SOLID DOUBLE YELLOW EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548)
(F)	WHITE ALKYD THERMOPLASTIC, PERMANENT PAVEMENT STRIPING (ITEM 748015)
(G)	5" SOLID YELLOW EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548)
(H)	5" BROKEN YELLOW EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548) (10' LINE, 30' GAP, 10' LINE)

- GENERAL NOTES FOR SIGNING AND STRIPING:**
- ROADWAY GEOMETRY IS BASED OFF AERIAL PHOTOGRAPHY. CONTRACTOR TO FOLLOW PROPOSED STRIPING AND PAVEMENT MARKINGS LEGEND. LOCATIONS OF EXISTING STRIPING SHOWN ON AERIAL ARE NOT TO BE REPRODUCED.
  - THE CONTRACTOR SHALL BE GOVERNED BY THE STANDARDS AND REQUIREMENTS OF THE FOLLOWING PUBLICATIONS, EXCEPT AS MODIFIED BY THE SPECIAL PROVISIONS OF THIS CONTRACT OR THROUGH WRITTEN APPROVAL BY THE ENGINEER.
    - DELDOT - "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" 2011 EDITION AND SUBSEQUENT REVISIONS (M.U.T.C.D.)
    - A.A.S.H.T.O. - STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS - 6TH EDITION AND SUBSEQUENT PUBLICATIONS
    - F.H.W.A. - "STANDARD HIGHWAY SIGNS", 2004 EDITION AND SUBSEQUENT SUPPLEMENTS
  - THE CONTRACTOR SHALL INSTALL NEW POSTS WHERE ADDITIONAL SIGN HEIGHT IS WARRANTED.
  - THE CONTRACTOR SHALL INSTALL RAISED/RECESSED PAVEMENT MARKERS (RPMs) PER PART 3 OF THE DE MUTCD (SEE FIGURES 3B-15D AND 3B-15F).

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ADDENDUMS / REVISIONS

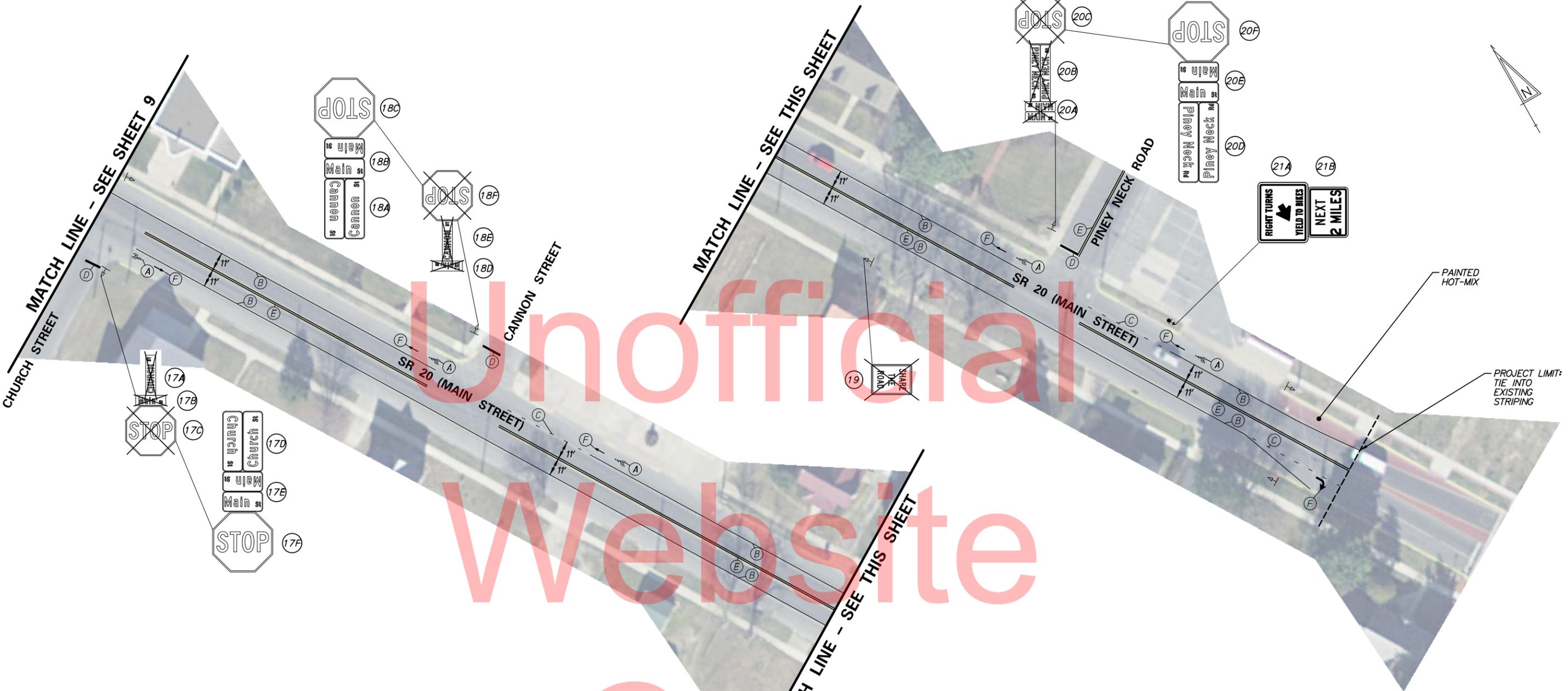


CONTRACT T201306302	BRIDGE NO.
COUNTY SUSSEX	DESIGNED BY: B.M.W. (WR&A)
	CHECKED BY: M.J.B. (WR&A)

MATCH LINE - SEE SHEET 9  
CHURCH STREET

MATCH LINE - SEE THIS SHEET

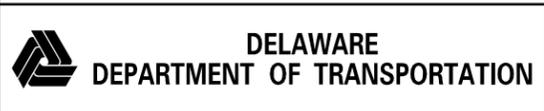
MATCH LINE - SEE THIS SHEET



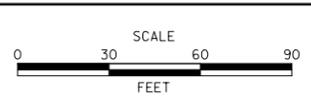
PAVEMENT MARKINGS LEGEND	
SYMBOL	ITEM
(A)	WHITE PREFORMED RETROREFLECTIVE THERMOPLASTIC PAVEMENT MARKING, BIKE SYMBOL (ITEM 748553)
(B)	5" SOLID WHITE EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548)
(C)	5" DOTTED WHITE EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548) (2" LINE, 6" GAP, 2" LINE)
(D)	16" SOLID WHITE ALKYD THERMOPLASTIC, PERMANENT PAVEMENT STRIPING (ITEM 748015)
(E)	5" SOLID DOUBLE YELLOW EPOXY RESIN PAINT PERMANENT PAVEMENT STRIPING (ITEM 748548)
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- GENERAL NOTES FOR SIGNING AND STRIPING:**
- ROADWAY GEOMETRY IS BASED OFF AERIAL PHOTOGRAPHY. CONTRACTOR TO FOLLOW PROPOSED STRIPING AND PAVEMENT MARKINGS LEGEND. LOCATIONS OF EXISTING STRIPING SHOWN ON AERIAL ARE NOT TO BE REPRODUCED.
  - THE CONTRACTOR SHALL BE GOVERNED BY THE STANDARDS AND REQUIREMENTS OF THE FOLLOWING PUBLICATIONS, EXCEPT AS MODIFIED BY THE SPECIAL PROVISIONS OF THIS CONTRACT OR THROUGH WRITTEN APPROVAL BY THE ENGINEER.
    - DELDOT - "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" 2011 EDITION AND SUBSEQUENT REVISIONS (M.U.T.C.D.)
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    - F.H.W.A. - "STANDARD HIGHWAY SIGNS", 2004 EDITION AND SUBSEQUENT SUPPLEMENTS
  - THE CONTRACTOR SHALL INSTALL NEW POSTS WHERE ADDITIONAL SIGN HEIGHT IS WARRANTED.
  - THE CONTRACTOR SHALL INSTALL RAISED/RECESSED PAVEMENT MARKERS (RPMS) PER PART 3 OF THE DE MUTCD (SEE FIGURES 3B-15D AND 3B-15F).

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ADDENDUMS / REVISIONS	



**PAVEMENT & REHABILITATION, SUSSEX II (DAGSBORO), 2013**

CONTRACT T201306302	BRIDGE NO.
COUNTY SUSSEX	DESIGNED BY: B.M.W. (WR&A)
	CHECKED BY: M.J.B. (WR&A)

**SIGNING AND STRIPING PLAN**

SHEET NO. 10
TOTAL SHTS. 11

T201306302 - SIGN SCHEDULE

#	SHEET NO.	PLAN INDICATOR	CODE	QTY.	DESCRIPTION	ASSEMBLY NO.	SIGN WIDTH (IN)	SIGN HEIGHT (IN)	SIGN AREA (SF)	ITEM 749687 SINGLE POST (EACH)			ITEM 749690 MULTIPOST (SF)			POST INSTALLATION TYPE	Code X11 12' Post (W/Basepost)	ITEM 749688 4" HOLE, 0-6" (EACH)	ITEM 749689 4" HOLE, >6" (EACH)	REMARKS
										SIGN DISPOSITION	REMOVE	INSTALL	SIGN DISPOSITION	REMOVE	INSTALL					
305	2	1A	R4-4-DE	1	RIGHT TURNS YIELD TO BIKE	1	36"	30"	7.5	NEW		1			SOIL	1	0	0		
1347	2	1B	W16-4P	1	NEXT XX FEET (plaque)	1	30"	24"	5	NEW		1				0	0	0	"2 MILES"	
	2	2A	D3-1	2	Cricket St	2				REMOVE	1					0	0	0		
	2	2B	D3-1	2	DAGSBORO RD	2				REMOVE	1					0	0	0		
	2	2C	R1-1(30)	1	STOP	2				REMOVE	1					0	0	0		
1675	2	2D	D3-1(18)	2	STREET NAME (1 Line)	2	42"	18"	10.5	NEW		1			SOIL	1	0	0	Cricket St	
1675	2	2E	D3-1(18)	2	STREET NAME (1 Line)	2	54"	18"	13.5	NEW		1				0	0	0	Dagsboro Rd	
4	2	2F	R1-1(36)	1	STOP	2	36"	36"	9	NEW		1				0	0	0		
	3	3A	D3-1	1	DAGSBORO RD	3				REMOVE	1					0	0	0		
	3	3B	D3-1	1	THOROGOODS RD	3				REMOVE	1					0	0	0		
	3	3C	R1-1(30)	1	STOP	3				REMOVE	1					0	0	0		
1675	3	3D	D3-1(18)	2	STREET NAME (1 Line)	3	60"	18"	15	NEW		1			SOIL	1	0	0	Thorogoods Rd	
1675	3	3E	D3-1(18)	2	STREET NAME (1 Line)	3	54"	18"	13.5	NEW		1				0	0	0	Dagsboro Rd	
4	3	3F	R1-1(36)	1	STOP	3	36"	36"	9	NEW		1				0	0	0		
1333	3	4	W16-1P(18)	1	SHARE THE ROAD (plaque) - 18x24	4				REMOVE	1					0	0	0		
4	3	5	R1-1(36)	1	STOP	5				REMAIN						0	0	0		
	6	6A	D3-1	1	FIRETOWER RD	6				REMOVE	1					0	0	0		
	6	6B	D3-1	1	DAGSBORO RD	6				REMOVE	1					0	0	0		
	6	6C	R1-1(30)	1	STOP	6				REMOVE	1					0	0	0		
1675	6	6D	D3-1(18)	2	STREET NAME (1 Line)	6	54"	18"	13.5	NEW		1				1	0	0	Firetower Rd	
1675	6	6E	D3-1(18)	2	STREET NAME (1 Line)	6	54"	18"	13.5	NEW		1				1	0	0	Dagsboro Rd	
4	6	6F	R1-1(36)	1	STOP	6	36"	36"	9	NEW		1				1	0	0		
1124	7	7	W10-1(36)	1	HIGHWAY-RAIL GRADE CROSSING ADVANCE WARNING 36 Inch	7				REPOSITION	1	1			SOIL	1	0	0		
1124	7	8	W10-1(36)	1	HIGHWAY-RAIL GRADE CROSSING ADVANCE WARNING 36 Inch	8	36"	1	7	NEW		1			SOIL	1	0	0		
	8	9A	--	1	SCHOOL BUS STOP AHEAD PLAQUE	9				REMOVE	1					0	0	0		
1969	8	9B	S3-1(36)	1	SCHOOL BUS STOP AHEAD - 36x36	9	36"	36"	9	NEW		1			SOIL	1	0	0		
	8	10	W10-1(36)	1	HIGHWAY-RAIL GRADE CROSSING ADVANCE WARNING 36 Inch	10				REMOVE	1					0	0	0		
1969	8	11	S3-1(36)	1	SCHOOL BUS STOP AHEAD - 36x36	11	36"	36"	9	NEW		1			SOIL	1	0	0		
	8	12A	W-21-11-DE	1	WATCH CHILDREN (symbol)	12				REMOVE	1					0	0	0		
	8	12B	--	1	SCHOOL BUS STOP AHEAD PLAQUE	12				REMOVE	1					0	0	0		
	8	12C	EM-1	1	EVACUATION ROUTE	12				REPOSITION	1	1				0	0	0		
	8	12D	M6-1	1	DIRECTIONAL ARROW	12				REPOSITION	1	1				0	0	0		
	9	13	R1-2(36)	1	YIELD	13				REMAIN						0	0	0		
	9	14A	D3-1	2	Main St	14				REMAIN						0	0	0		
	9	14B	D3-1	2	Iron Branch Rd	14				REMAIN						0	0	0		
	9	14C	R1-1(36)	1	STOP	14				REMAIN						0	0	0		
	9	15A	R1-1(30)	1	STOP	15				REMOVE	1					0	0	0		
1674	9	15B	D3-1(12)	2	STREET NAME (1 Line)	15	48"	12"	8	NEW		1			SOIL	1	0	0	Warrington St	
1674	9	15C	D3-1(12)	2	STREET NAME (1 Line)	15	24"	12"	4	NEW		1				0	0	0	Main St	
4	9	15D	R1-1(36)	1	STOP	15	36"	36"	9	NEW		1				0	0	0		
	9	16A	D3-1	1	MAIN ST	16				REMOVE	1					0	0	0		
	9	16B	D3-1	1	WARRINGTON ST	16				REMOVE	1					0	0	0		
	9	16C	R1-1(30)	1	STOP	16				REMOVE	1					0	0	0		
1674	9	16D	D3-1(12)	2	STREET NAME (1 Line)	16	48"	12"	8	NEW		1			SOIL	1	0	0	Warrington St	
1674	9	16E	D3-1(12)	2	STREET NAME (1 Line)	16	24"	12"	4	NEW		1				0	0	0	Main St	
4	9	16F	R1-1(36)	1	STOP	16	36"	36"	9	NEW		1				0	0	0		
	10	17A	D3-1	1	CHURCH ST	17				REMOVE	1					0	0	0		
	10	17B	D3-1	1	Main St	17				REMOVE	1					0	0	0		
	10	17C	R1-1(30)	1	STOP	17				REMOVE	1					0	0	0		
1674	10	17D	D3-1(12)	2	STREET NAME (1 Line)	17	36"	12"	6	NEW		1			SOIL	1	0	0	Church St	
1674	10	17E	D3-1(12)	2	STREET NAME (1 Line)	17	24"	12"	4	NEW		1				0	0	0	Main St	
4	10	17F	R1-1(36)	1	STOP	17	36"	36"	9	NEW		1				0	0	0		
	10	18A	D3-1	1	Main St	18				REMOVE	1					0	0	0		
	10	18B	D3-1	1	CANNON ST	18				REMOVE	1					0	0	0		
	10	18C	R1-1(30)	1	STOP	18				REMOVE	1					0	0	0		
1674	10	18D	D3-1(12)	2	STREET NAME (1 Line)	18	36"	12"	6	NEW		1			SOIL	1	0	0	Cannon St	
1674	10	18E	D3-1(12)	2	STREET NAME (1 Line)	18	24"	12"	4	NEW		1				0	0	0	Main St	
4	10	18F	R1-1(36)	1	STOP	18	36"	36"	9	NEW		1				0	0	0		
	10	19	W16-1P(18)	1	SHARE THE ROAD (plaque) - 18x24	19				REMOVE	1					0	0	0		
	10	20A	D3-1	2	MAIN ST	20				REMOVE	1					0	0	0		
	10	20B	D3-1	2	PINEY NECK RD	20				REMOVE	1					0	0	0		
	10	20C	R1-1(30)	1	STOP	20				REMOVE	1					0	0	0		
1674	10	20D	D3-1(12)	2	STREET NAME (1 Line)	20	48"	12"	8	NEW		1			SOIL	1	0	0	Piney Neck Rd	
1674	10	20E	D3-1(12)	2	STREET NAME (1 Line)	20	12"	12"	4	NEW		1				0	0	0	Main St	
4	10	20F	R1-1(36)	1	STOP	20	36"	36"	9	NEW		1				0	0	0		
305	10	21A	R4-4-DE	1	RIGHT TURNS YIELD TO BIKE	21	36"	30"	7.5	NEW		1			SOIL	1	0	0		
1347	10	21B	W16-4P	1	NEXT XX FEET (plaque)	21	30"	24"	5	NEW		1				0	0	0	"2 MILES"	
<b>PAGE TOTALS</b>									<b>257.5</b>							16	0	0		
<b>JOB TOTALS</b>									<b>257.5</b>	<b>31</b>	<b>34</b>				<b>16</b>	<b>0</b>	<b>0</b>			

NA 3882-001 CADW Highway Dagsboro SSIL Dagsboro.dgn 9/2/2014 8:59:35 AM



ADDENDUMS / REVISIONS	

**PAVEMENT & REHABILITATION, SUSSEX II (DAGSBORO), 2013**

CONTRACT T201306302	BRIDGE NO.
COUNTY SUSSEX	DESIGNED BY: B.M.W. (WR&A)
	CHECKED BY: M.J.B. (WR&A)

<b>SIGNING SCHEDULE</b>	SHEET NO. 11
	TOTAL SHTS. 11