

THE STATE OF DELAWARE



DEPARTMENT OF TRANSPORTATION  
OFFICE OF TRANSPORTATION SOLUTIONS  
PLANS AND SPECIFICATIONS FOR

CONTRACT NUMBER- T201206112

CANAL

FEDERAL AID NUMBER- ESTP-2013(12)

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CONTRACT TITLE- PAVEMENT & REHABILITATION - NORTH XII, 2012

PLANS PREPARED BY: George LaCote  
DESIGN TECHNICIAN

DATE RECOMMENDED: 7/8/13

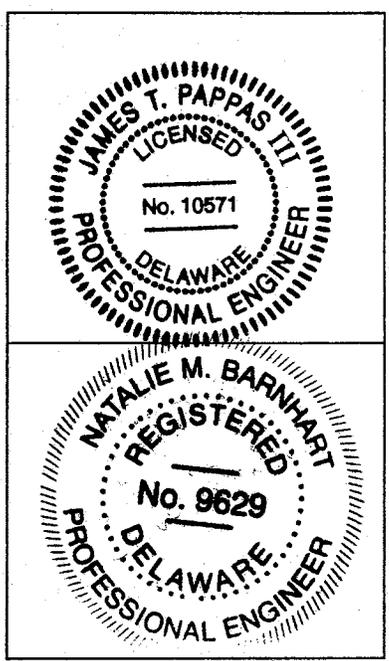
[Signature]  
GROUP ENGINEER, CONSTRUCTION - NORTH II

DATE RECOMMENDED: 7.8.13

[Signature]  
ASSIST. DIRECTOR, DESIGN

DATE RECOMMENDED: 7/8/13

Natalie Barnhart  
CHIEF ENGINEER



UNOFFICIAL  
WEBSITE  
COPY

DEPARTMENT OF TRANSPORTATION

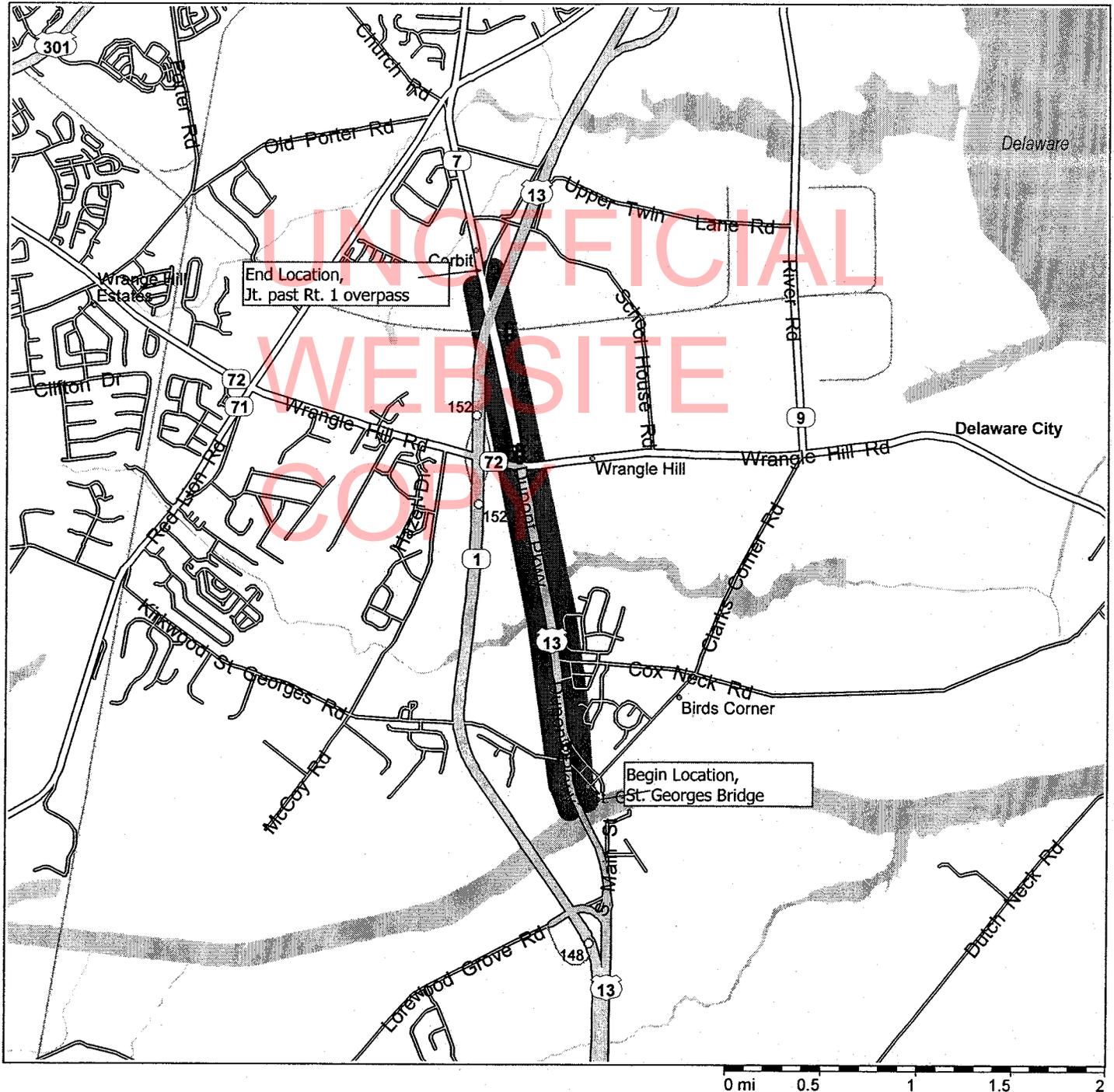
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DUPONT PKWY. NB & SB FROM ST. GEORGES BRIDGE TO RTE. 1 OVERPASS

LOCATION MAP

Loc. #1 - DuPont Pkwy from St. Georges Bridge to Rt.1 overpass



GENERAL CONTRACT PLAN NOTES

REVISED 4/2012

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.

GENERAL CONTRACT PLAN NOTES

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. 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 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

GENERAL CONTRACT PLAN NOTES

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 7 FT 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.

**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.

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).  
CONTRACT.

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.

GENERAL CONTRACT PLAN NOTES

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 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.

**GENERAL CONTRACT PLAN NOTES**

21. EXCAVATION UP TO 1' IN FRONT OF CURB WILL BE INCIDENTAL TO ITEM 701XXX. HOT MIX PLACED IN FRONT OF CURB WILL BE PAID UNDER ITEM 401XXX. USE OF CONCRETE AS FILL IN FRONT OF CURB WILL NO LONGER BE ACCEPTED UNLESS DIRECTED BY THE ENGINEER. AT EACH LOCATION, BACKFILLING SHALL BE PERFORMED IMMEDIATELY UPON REMOVAL OF FORMS FOR CURB OR SIDEWALK. TOPSOIL, SEEDING, SEALING OF VALLEY GUTTERS, REMOVING OF FORMS, AND PARGING OF CATCH BASINS, SHALL BE COMPLETED WITHIN SEVEN (7) CALENDAR DAYS OF COMPLETION OF THE ITEM OF WORK. ITEM 732XXX, TOPSOIL, SHALL BE USED AS BACKFILL MATERIAL BEHIND CURB AND AROUND SIDEWALK OR/AS DIRECTED BY THE ENGINEER. TOPSOIL SHALL BE SCREENED/SIFTED SO AS NO MATERIAL GREATER THAN .5" IS PRESENT IN MATERIAL USED FOR BACKFILL. EXCAVATED MATERIAL, NOT NEEDED ON THE PROJECT, SHALL BE REMOVED FROM THE CONTRACT AT THE CONTRACTORS EXPENSE. 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, CURBS, ETC. SO THAT EXISTING PAVEMENT BEYOND THE SPECIFIED DEPTHS IS NOT DAMAGED. ANY DAMAGE CAUSED BY THE CONTRACTOR'S OPERATIONS MAY RESULT IN PLACING LEVELING COURSES AT THE CONTRACTOR'S EXPENSE. THE REMOVAL AND CLEAN UP OF THE 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.

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.

**GENERAL CONTRACT PLAN NOTES**

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.

28. WHEN JACKHAMMERING OR THE USE OF A BREAKER IS NECESSARY ON CONTRACTS THAT OCCUR DURING THE NIGHTTIME HOURS THE JACKHAMMERING AND BREAKING MUST CEASE AT 12:00AM.

29. CURB RAMP AND/OR SIDEWALK CONSTRUCTION (NOT INCLUDING MEDIAN ISLANDS) SHALL BE COMPLETED DURING A SINGLE OPERATION. THE RAMP/SIDEWALK SHALL BE REMOVED AND PLACED BACK THE SAME NIGHT/DAY AND OPEN TO PEDESTRIAN TRAFFIC THE FOLLOWING DAY. THE USE OF A MONOLITHIC POUR SHALL BE PERMITTED WITH A BOND BREAKER TO BE PLACED AT THE BACK OF THE CURB AND EDGE OF SIDEWALK. IF THE CURB RAMP/SIDEWALK CANNOT BE COMPLETED IN A SINGLE OPERATION THE EXCAVATED AREA MUST BE BACKFILLED TO GRADE WITH COMPACTED MILLING MATERIAL ONLY. THIS MATERIAL WILL BE INCIDENTAL TO THE CURB RAMP ITEM. THE DRESSING UP OF THE AREA BEING PAID AS A CURB RAMP WITH TOPSOIL AND SEED WILL BE INCIDENTAL TO THE CURB RAMP ITEMS.

DELAWARE DEPARTMENT OF TRANSPORTATION

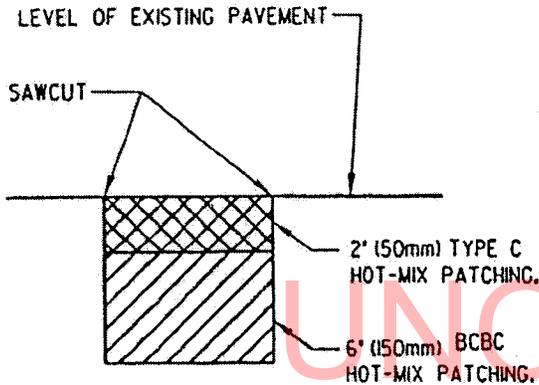
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CANAL

DUPONT PKWY. NB & SB FROM ST. GEORGES BRIDGE TO RTE. 1 OV

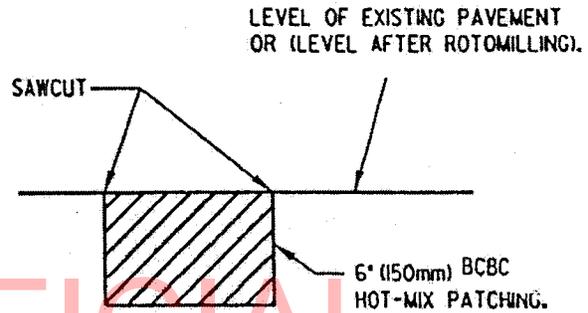
DETAILS SHEET



**HOT MIX PATCH - NO OVERLAY**

N.T.S.

- UNDERCUT EXCAVATION PATCHING TO BE UTILIZED BELOW 8" (200mm) WHEN DIRECTED BY THE ENGINEER.



**HOT MIX PATCH - OVERLAY SECTION**

N.T.S.

- UNDERCUT EXCAVATION PATCHING TO BE UTILIZED BELOW 6" (150mm) WHEN DIRECTED BY THE ENGINEER.

NOTE: PREFERRED EXCAVATION METHOD TO BE BY ROTOMILLING. SAWCUTTING EDGES SHALL BE AS DIRECTED BY ENGINEER AND DEPENDENT ON THE CONDITION LEFT BY THE ROTOMILLING OPERATION. BACKFILL FOR UNDERCUT EXCAVATION SHALL BE SUPERPAVE BCBC PATCH (SEPERATE LIFT). MINIMUM WIDTH OF PATCHING 6' (4.8M). THIS DETAIL SHALL BE USED FOR ALL HOT MIX PATCHES UNLESS OTHERWISE SHOWN ON THE PLANS. ALL HOT MIX TO BE PLACED USING A PAVER.

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 ROTOMILLING OF THE CONCRETE WILL BE PAID FOR AS ROTOMILLING HOT-MIX.

P.C.C. PATCHING NOTES

DELAWARE DEPARTMENT OF TRANSPORTATION

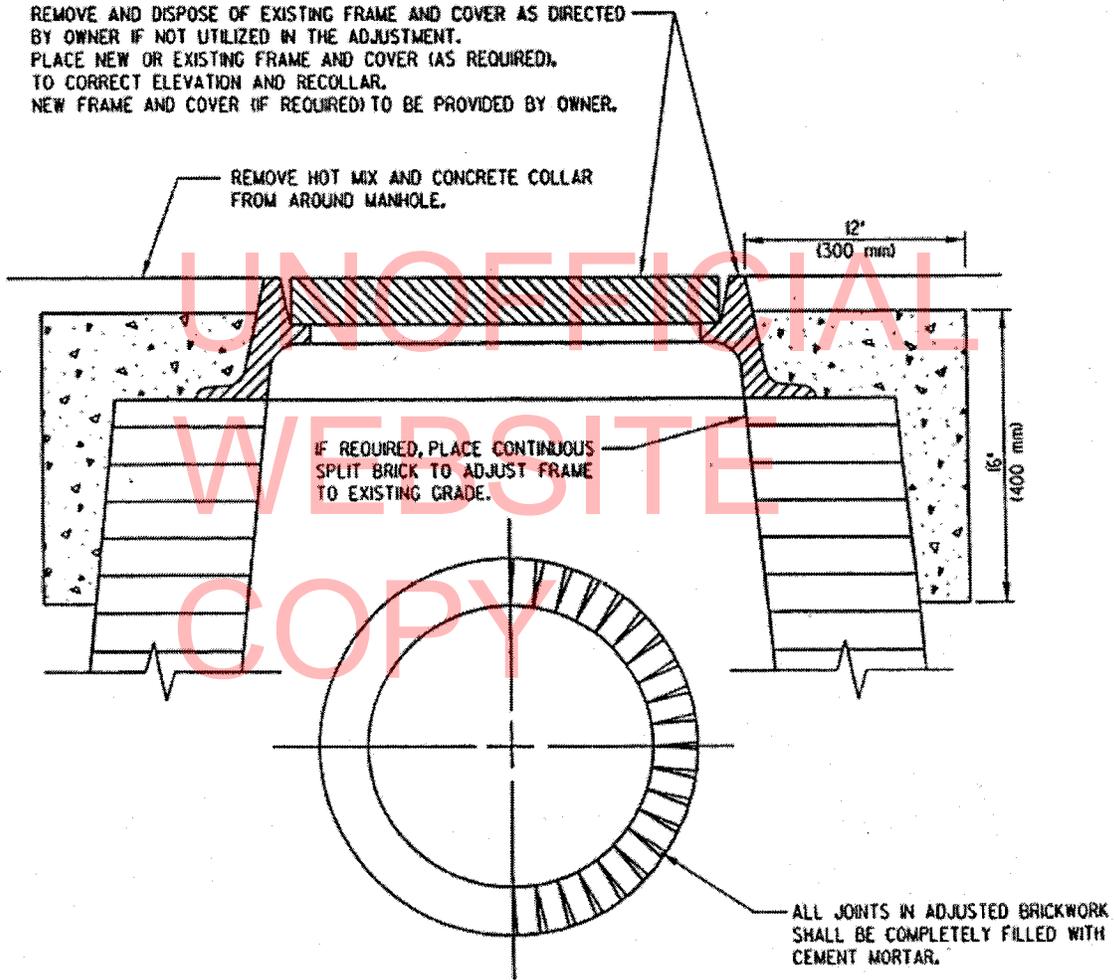
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CANAL

DUPONT PKWY. NB & SB FROM ST. GEORGES BRIDGE TO RTE. 1 O V

DETAILS SHEET



ADJUSTING AND REPAIRING MANHOLE

N.T.S.

NOTE: 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.

DELAWARE DEPARTMENT OF TRANSPORTATION

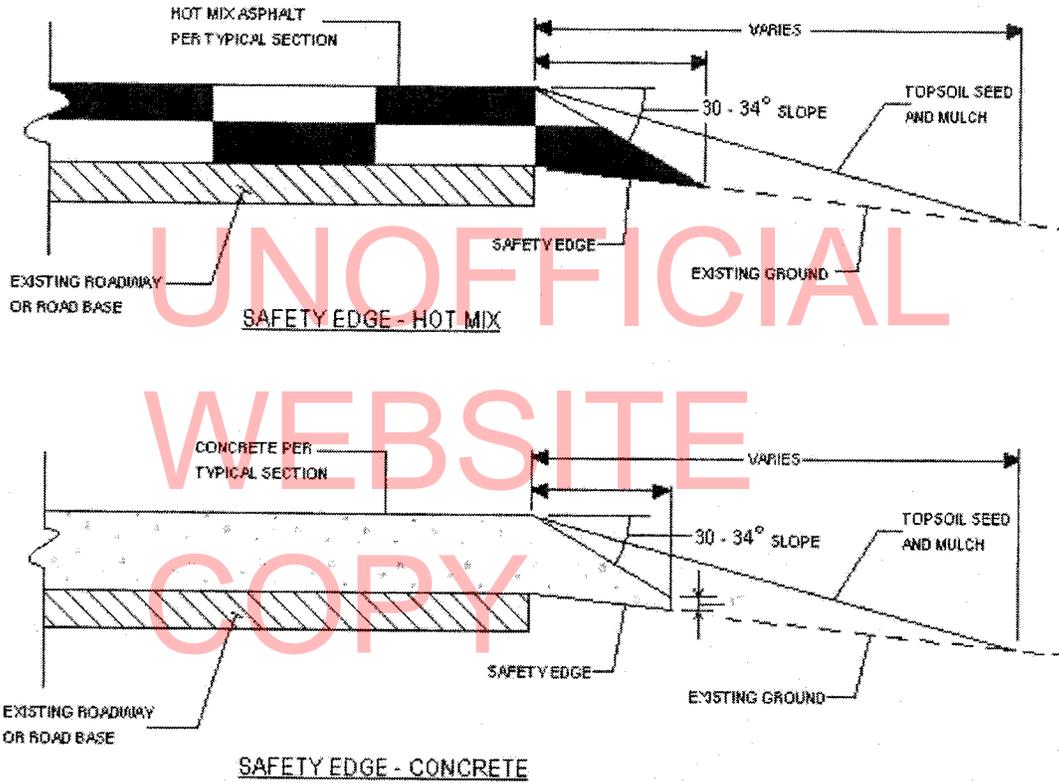
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CANAL

DUPONT PKWY. NB & SB FROM ST. GEORGES BRIDGE TO RTE. 1 ON

DETAILS SHEET



GENERAL NOTES

1. THE SAFETY EDGE WILL BE CONSTRUCTED AS PART OF THE ROADWAY PAVEMENT. A SHOULDER WEDGE DEVICE WILL BE ADDED TO THE SCREED OF THE PAVING MACHINE.
2. SHORT SECTIONS OF HANDWORK WILL BE ALLOWED WHEN NECESSARY FOR TRANSITION AND TURNOUTS.
3. SITE PREPARATION AND ADDITIONAL EARTHWORK REQUIRED TO CONSTRUCT THE SAFETY EDGE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE WORK.

SAFETY EDGE DETAIL

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DELAWARE DEPARTMENT OF TRANSPORTATION

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CANAL

DUPONT PKWY. NB & SB FROM ST. GEORGES BRIDGE TO RTE. 1 ON

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DETAILS SHEET

**Project Note**

The contractor shall attach a device to the screed of the paver that confines the material at the end gate and extrudes the asphalt material in such a way that results in a compacted wedge shape pavement edge of approximately 30 degrees (not steeper than 35 degrees). Contact shall be maintained between the device and the road shoulder surface. The device shall be manufactured so that it can be easily adjusted to transition at cross roads, driveways and obstructions without stopping the paver. The device's shape shall constrain the asphalt and cause compaction and increasing the density of the extruded profile.

The TransTech Shoulder Wedge Maker or the Advant-Edge shall be used to produce the wedge.

Contact information for these wedge shape compaction devices is the following:

1. TransTech Systems, Inc.  
1594 State Street  
Schenectady, NY 12304  
1-800-724-6306  
www.transtechsys.com
2. Advant-Edge Paving Equipment LLC  
P.O. Box 9163  
Niskayuna, NY 12309-0163  
Ph. 518-280-6090  
Contact: Gary D. Antonelli  
Cell 518-368-5699  
email: garya@nycap.rr.com  
Website: www.advantedgepaving.com

The wedge shall not be installed adjacent to curb or in front of guardrail sections.

The cost of the wedge device and all other work needed to construct the wedge, including but not limited to preparation of the shoulder surface, additional fill, and compaction, in accordance with this note and the details on the plans shall be incidental to the hot-mix item being placed.

**Safety Edge Detail**

DELAWARE DEPARTMENT OF TRANSPORTATION

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CANAL

PAVEMENT & REHABILITATION, NORTH XII, 2012

**LOCATION 1**                      **34(DUPONT PKWY (RD5) NB & SB) FROM ST GEORGES BRIDGE TO ROUTE 1 (RD82) OVERPASS**

LENGTH      4024.884 m                      13205 L.F.                      AADT      6593

**GENERAL IMPROVEMENTS**

2" PROFILE MILL, HOT-MIX PATCHING, 2" WMA TYPE C 76-22

**COMMENTS:**

Please see attached sheets for comments

**MATERIAL ESTIMATE FOR LOCATION 1**

302005	GRADED AGGREGATE BASE COURSE, TYPE B	100.00 TON
401576	RECYCLED ASPHALT PAVEMENT	1,000.00 TON
401696	ENTRANCE, DRIVEWAY AND INTERSECTING STREET PAVING SURCHARGE	400.00 TON
401823	WMA, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22, PATCHING	1,100.00 TON
401833	WMA, SUPERPAVE, TYPE C, 160 GYRATIONS, PG 76-22, (NON- CARBONATE STONE)	13,400.00 TON
402000	HOT-MIX BITUMINOUS CONCRETE AND/OR COLD-LAID BITUMINOUS CONCRETE (TRM)	100.00 TON
406001	WARM-MIX PATCHING	20,000.00 SY-IN
708060	REPLACE DRAINAGE INLET GRATE(S)	2.00 EACH
708061	REPLACE DRAINAGE INLET FRAME(S)	2.00 EACH
710001	ADJUSTING AND REPAIRING EXISTING DRAINAGE INLET	8.00 EACH
710002	ADJUSTING AND REPAIRING EXISTING MANHOLE	9.00 EACH
716502	CONVERTING EXISTING CATCH BASIN TO DRAINAGE INLET	2.00 EACH
743003	ARROWPANELS, TYPE C	100.00 EA-DY
743004	FURNISH AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN	10.00 EA-DY
743007	** TRAFFIC OFFICERS	600.00 HOUR
743010	FURNISH AND MAINTAIN TRUCK MOUNTED ATTENUATOR, TYPE II	100.00 EA-DY
743056	** FLAGGER, NEW CASTLE COUNTY, FEDERAL	2,000.00 HOUR
743065	** FLAGGER, NEW CASTLE COUNTY, FEDERAL, OVERTIME	200.00 HOUR
746774	SUPPLY AND INSTALLATION OF LOOP DETECTOR WIRE	1,200.00 L.F.
746776	LOOP DETECTOR SPLICE	13.00 EACH
748015	PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND ALKYD-THERMOPLASTIC	1,100.00 S.F.
748019	TEMPORARY MARKINGS, PAINT, 4"	177,500.00 L.F.
748026	TEMPORARY MARKINGS, PAINT SYMBOL/LEGEND	2,200.00 S.F.
748027	PERMANENT PAVEMENT STRIPING, ALKYD-THERMOPLASTIC, 12"	1,900.00 L.F.
748502	RAISED/RECESSED PAVEMENT MARKER	400.00 EACH
748548	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/YELLOW, 5"	88,750.00 L.F.
748549	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/YELLOW, 10"	1,350.00 L.F.

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CANAL

PAVEMENT & REHABILITATION, NORTH XII, 2012

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LENGTH      4024.884 m                      13205 L.F.                      AADT    6593

**GENERAL IMPROVEMENTS**

2" PROFILE MILL, HOT-MIX PATCHING, 2" WMA TYPE C 76-22

**COMMENTS:**

Please see attached sheets for comments

**MATERIAL ESTIMATE FOR LOCATION 1**

748553	PREFORMED RETROREFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS, BIKE SYMBOL	6.00 EACH
749687	INSTALLATION OR REMOVAL OF TRAFFIC SIGN(S) ON SINGLE SIGN POST	19.00 EACH
749688	INSTALLATION OF 4" DIAMETER HOLE, LESS THAN OR EQUAL TO 6" DEPTH	9.00 EACH
749690	INSTALLATION OR REMOVAL OF TRAFFIC SIGNS ON MULTIPLE SIGN POSTS	360.00 S.F.
760012	RUMBLE STRIPS, BIKE-FRIENDLY, HOT-MIX	20,314.00 L.F.
760016	RUMBLE STRIPS, HOT-MIX	26,410.00 L.F.
760507	PROFILE MILLING, HOT-MIX	244,000.00 SY-IN
762001	SAW CUTTING, HOT MIX	1,200.00 L.F.
763502	MAINTENANCE OF RAILROAD TRAFFIC	1.00 L.S.

\*\* DENOTES FIXED PRICE ITEM

DELAWARE DEPARTMENT OF TRANSPORTATION

CONTRACT T201206112

PAGE 16 OF 18

CANAL

PAVEMENT & REHABILITATION, NORTH XII, 2012

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**LOCATION 1 34(DUPONT PKWY (RD5) NB & SB) FROM ST GEORGES BRIDGE TO ROUTE 1 (RD82) OVERPASS**

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**COMMENTS:**

Restricted Work Hours: 8:00 AM to 4:00 PM

Recommended Traffic Control: Case #TA33 - roadway  
Case #TA3 - shoulders

Curb Ramp Locations:

No curb ramps anticipated at this location

Entrance and Driveway Locations:

Mullins Dr. 10'  
Route 72 100'  
Parkway Dr. 20'  
Old S. Dupont Highway 25'  
DART entrance 55'  
#23,#25,#27,#29,#31 10'  
#33,#35,#37 5'  
#39 15'  
#1616 Garage 10'  
Car wash 5'  
Renner's Paving 5'  
#1466 10'  
Entrance north of hot-mix @ bridge 30'

Manhole Adjustments:

1 - DelDOT storm  
1 - NCCDSS  
7 - Verizon  
2 - Delmarva Gas valves by others  
1 - Delmarva Electric manhole by others  
2 - Water by others

General Notes:

Conrail - Norfolk Southern Railroad at this location - railroad flagger will be required

Possible coordination may be necessary with contract T201259401 Mid County DMV

Information and details for raises/recessed pavement markers can be found on the DelDOT website ([www.deldot.gov](http://www.deldot.gov)) by going to publications/MUTCD/Part 3 Pavement Markings

Information and details for rumble strip installation can be found on the DelDOT website ([www.deldot.gov](http://www.deldot.gov)) by going to publications/Delaware Guidance Memorandum/1-18

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DELAWARE DEPARTMENT OF TRANSPORTATION

CONTRACT: T201206112

PAGE 17 OF 18

CANAL PAVEMENT & REHABILITATION, NORTH XII, 2012

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CONTRACT QUANTITIES SUMMARY SHEET

302005	GRADED AGGREGATE BASE COURSE, TYPE B	100.00 TON
401576	RECYCLED ASPHALT PAVEMENT	1,000.00 TON
401696	ENTRANCE, DRIVEWAY AND INTERSECTING STREET PAVING SURCHARGE	400.00 TON
401823	WMA, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22, PATCHING	1,100.00 TON
401833	WMA, SUPERPAVE, TYPE C, 160 GYRATIONS, PG 76-22, (NON-CARBONATE STONE)	13,400.00 TON
402000	HOT-MIX BITUMINOUS CONCRETE AND/OR COLD-LAID BITUMINOUS CONCRETE (TRM)	100.00 TON
406001	WARM-MIX PATCHING	20,000.00 SY-IN
708060	REPLACE DRAINAGE INLET GRATE(S)	2.00 EACH
708061	REPLACE DRAINAGE INLET FRAME(S)	2.00 EACH
710001	ADJUSTING AND REPAIRING EXISTING DRAINAGE INLET	8.00 EACH
710002	ADJUSTING AND REPAIRING EXISTING MANHOLE	9.00 EACH
716502	CONVERTING EXISTING CATCH BASIN TO DRAINAGE INLET	2.00 EACH
743003	ARROW PANELS, TYPE C	100.00 EA-DY
743004	FURNISH AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN	10.00 EA-DY
743007	** TRAFFIC OFFICERS	600.00 HOUR
743010	FURNISH AND MAINTAIN TRUCK MOUNTED ATTENUATOR, TYPE II	100.00 EA-DY
743056	** FLAGGER, NEW CASTLE COUNTY, FEDERAL	2,000.00 HOUR
743065	** FLAGGER, NEW CASTLE COUNTY, FEDERAL, OVERTIME	200.00 HOUR
746774	SUPPLY AND INSTALLATION OF LOOP DETECTOR WIRE	1,200.00 L.F.
746776	LOOP DETECTOR SPLICE	13.00 EACH
748015	PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND ALKYD-THERMOPLASTIC	1,100.00 S.F.
748019	TEMPORARY MARKINGS, PAINT, 4"	177,500.00 L.F.
748026	TEMPORARY MARKINGS, PAINT SYMBOL/LEGEND	2,200.00 S.F.
748027	PERMANENT PAVEMENT STRIPING, ALKYD-THERMOPLASTIC, 12"	1,900.00 L.F.
748502	RAISED/RECESSED PAVEMENT MARKER	400.00 EACH
748548	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/YELLOW, 5"	88,750.00 L.F.
748549	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/YELLOW, 10"	1,350.00 L.F.
748553	PREFORMED RETROREFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS, BIKE SYMBOL	6.00 EACH

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DELAWARE DEPARTMENT OF TRANSPORTATION

CONTRACT: T201206112

PAGE 18 OF 18

CANAL

PAVEMENT & REHABILITATION, NORTH XII, 2012

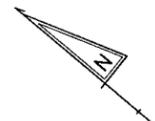
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CONTRACT QUANTITIES SUMMARY SHEET

749687	INSTALLATION OR REMOVAL OF TRAFFIC SIGN(S) ON SINGLE SIGN POST	19.00 EACH
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760507	PROFILE MILLING, HOT-MIX	244,000.00 SY-IN
762001	SAW CUTTING, HOT MIX	1,200.00 L.F.
763000	INITIAL EXPENSE	LUMP SUM
763502	MAINTENANCE OF RAILROAD TRAFFIC	1.00 L.S.
763643	MAINTENANCE OF TRAFFIC, ALL INCLUSIVE	LUMP SUM

\*\* DENOTES FIXED PRICE ITEM





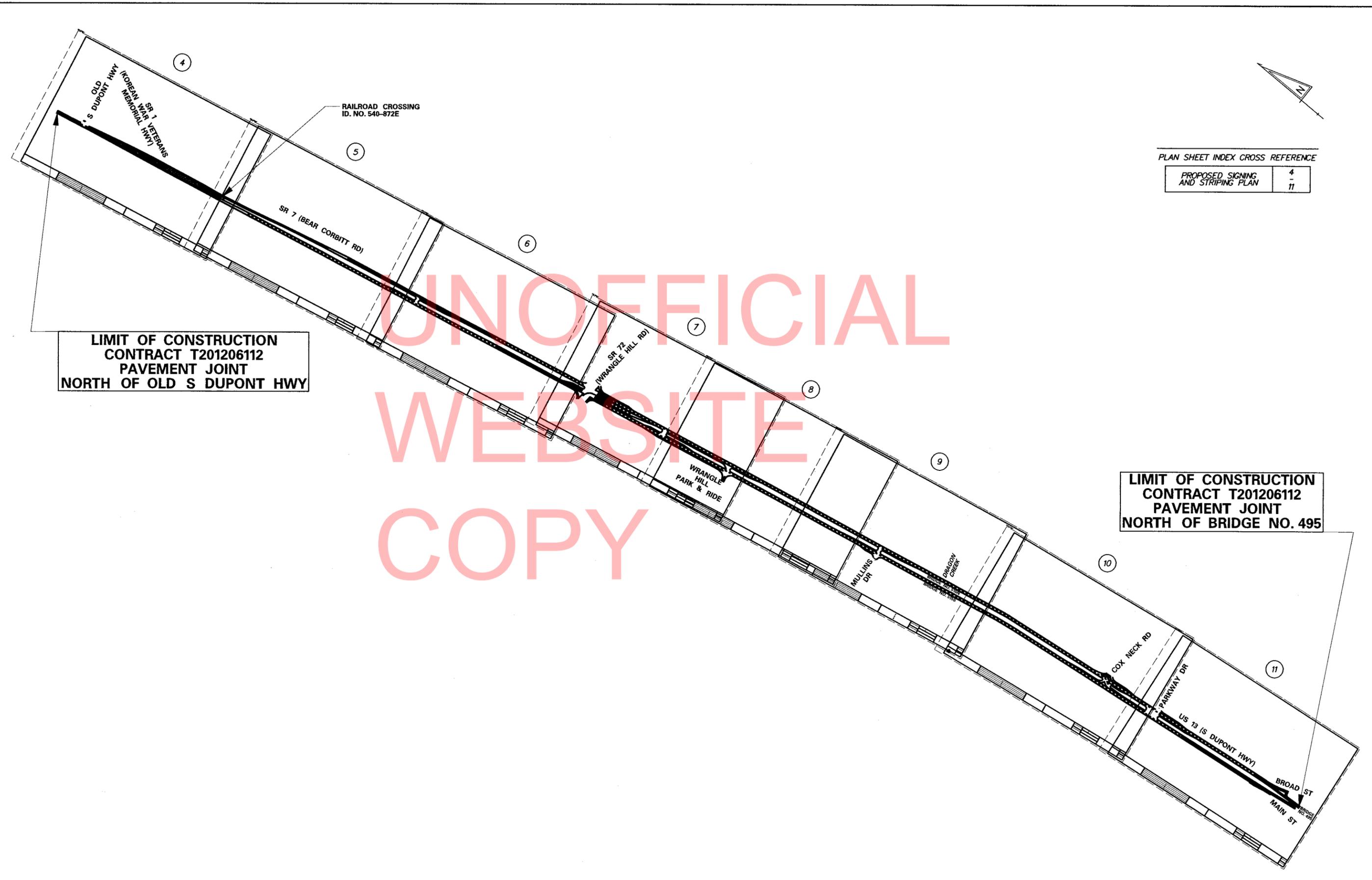
PLAN SHEET INDEX CROSS REFERENCE

PROPOSED SIGNING AND STRIPING PLAN	4 - 11
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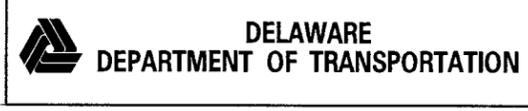
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CONTRACT T201206112  
PAVEMENT JOINT  
NORTH OF OLD S DUPONT HWY

LIMIT OF CONSTRUCTION  
CONTRACT T201206112  
PAVEMENT JOINT  
NORTH OF BRIDGE NO. 495

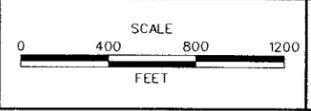
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WEBSITE  
COPY



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ADDENDUMS / REVISIONS	



PAVEMENT & REHABILITATION  
NORTH-XII, 2012  
DUPONT PARKWAY NB & SB

CONTRACT	BRIDGE NO.
T201206112	
COUNTY	DESIGNED BY: AF, JVB
NEW CASTLE	CHECKED BY: JFL, JAB

PLAN SHEET INDEX
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SHEET NO.	2
TOTAL SHTS.	12

GENERAL NOTES FOR SIGNING AND PAVEMENT MARKINGS

- ROADWAY GEOMETRY IS BASED ON AERIAL PHOTOGRAPHY AND FIELD VERIFICATION.
- ALL PAVEMENT MARKINGS SHOWN ARE PROPOSED. CONTRACTOR TO FOLLOW PROPOSED SIGNING AND PAVEMENT MARKINGS LEGEND. EXISTING PAVEMENT MARKINGS SHOWN ON AERIAL ARE NOT TO BE REPRODUCED UNLESS CALLED OUT AS SUCH, PER THIS PLAN.
- REFERENCE CENTER LINE OR MEDIAN EDGE LINE FOR PAVEMENT MARKINGS LAYOUT.
- PROPOSED RAMPS ARE SHOWN FOR FUTURE CROSSWALK TIE-IN LOCATIONS.
- CONTRACTOR TO INSTALL RAISED PAVEMENT MARKERS BETWEEN WRANGLE HILL ROAD AND ST. GEORGES BRIDGE, IN ACCORDANCE WITH FIGURES 3B-15A THROUGH 3B-15C, AND 3B-15F PER THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 2011 EDITION AND SUBSEQUENT REVISIONS.
- CONTRACTOR TO INSTALL BICYCLE-FRIENDLY EDGE LINE RUMBLE STRIPS ON THE OUTSIDE SHOULDERS AND CONTINUOUS EDGE LINE RUMBLE STRIPS ON THE INSIDE SHOULDER, ALONG THE MULTILANE SECTIONS OF BEAR CORBITT ROAD AND DUPONT PARKWAY, PER DELDOT'S CONTINUOUS CENTERLINE AND LONGITUDINAL EDGE LINE RUMBLE STRIPS, DESIGN GUIDANCE MEMORANDUM NUMBER 1-18; AND SUBSEQUENT REVISIONS.
- THE CONTRACTOR SHALL BE GOVERNED BY THE STANDARDS AND REQUIREMENTS OF THE FOLLOWING PUBLICATIONS, EXCEPT WHEN MODIFIED BY SPECIAL PROVISIONS OF THIS CONTRACT OR THROUGH WRITTEN APPROVAL BY THE ENGINEER.

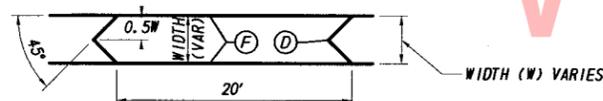
DELDOT - "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", 2011 EDITION AND SUBSEQUENT REVISIONS (M.U.T.C.D.).

"STANDARD SIGNS BOOK", APRIL 2010 AND SUBSEQUENT REVISIONS.

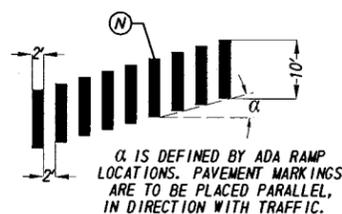
"CONTINUOUS CENTERLINE AND LONGITUDINAL EDGELINE RUMBLE STRIPS" (MEMORANDUM NUMBER 1-18 REVISED), MAY 15, 2011 AND SUBSEQUENT REVISIONS.

A.A.S.H.T.O. - "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS", 5TH EDITION WITH 2010 AND 2011 INTERIM REVISIONS.

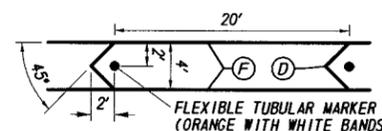
F.H.W.A. - "STANDARD HIGHWAY SIGNS", 2004 EDITION AND SUBSEQUENT REVISIONS.



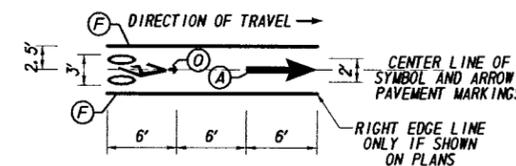
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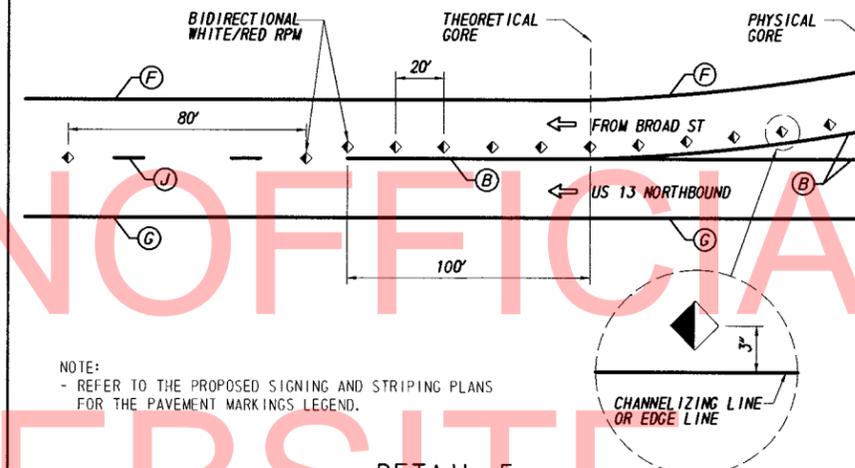
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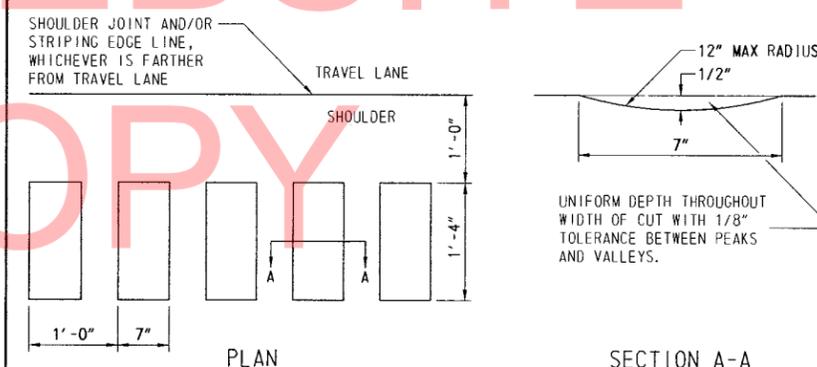
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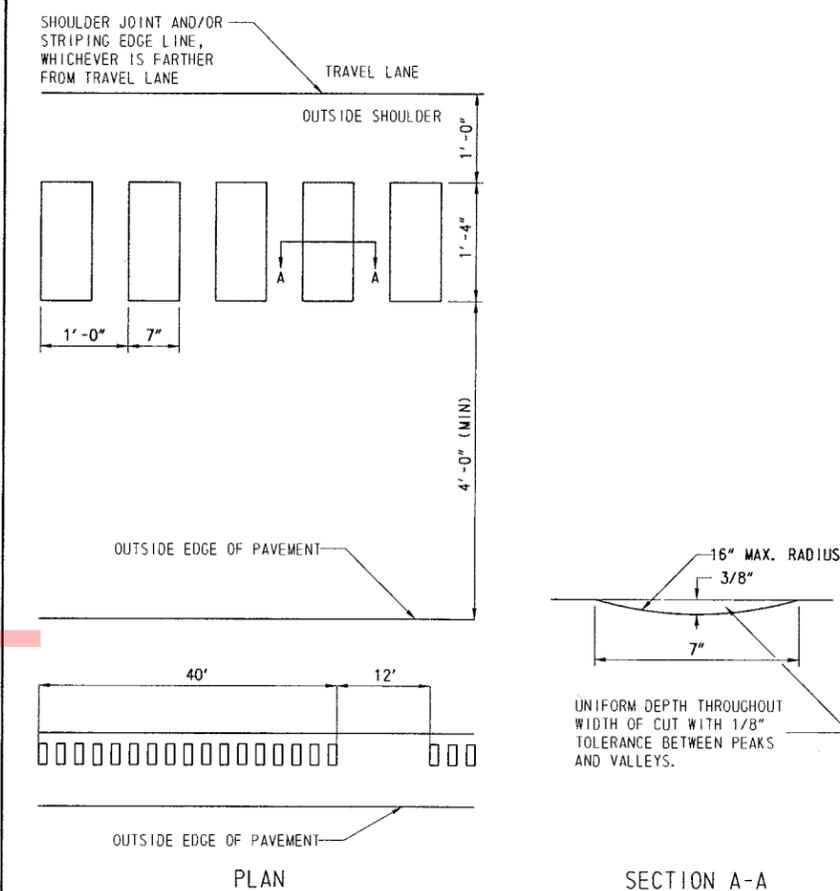
DETAIL 4  
NOT TO SCALE



DETAIL 5  
NOT TO SCALE



CONTINUOUS LONGITUDINAL  
EDGELINE RUMBLE STRIP DETAIL  
NOT TO SCALE



BICYCLE-FRIENDLY  
EDGELINE RUMBLE STRIP DETAIL  
NOT TO SCALE

- NOTES:
- ALL WORK REQUIRED TO COMPLETE THE INSTALLATION OF EDGELINE RUMBLE STRIPS SHALL BE INCIDENTAL TO ITEM 760504 - RUMBLE STRIPS, HOT MIX.
  - BICYCLE-FRIENDLY EDGELINE RUMBLE STRIPS SHALL BE INSTALLED ON THE OUTSIDE SHOULDERS, ALONG THE MULTILANE SECTIONS OF BEAR CORBITT ROAD AND DUPONT PARKWAY, AND SHALL CONSIST OF 40-FOOT LONG SEGMENTS OF RUMBLE STRIPS WITH 12-FOOT SEGMENTS OF NO RUMBLE STRIPS, PER THIS DETAIL.
  - TO ACCOMMODATE BICYCLISTS, A MINIMUM EFFECTIVE CLEAR SHOULDER WIDTH OF 4 FEET SHOULD BE PROVIDED FROM THE OUTSIDE EDGE OF THE RUMBLE STRIP GROOVE TO THE OUTSIDE EDGE OF THE PAVED SHOULDER, OR 5 FEET FROM THE OUTSIDE EDGE OF THE RUMBLE STRIP GROOVE TO THE FRONT FACE OF BARRIER (INCLUDING CURB) OR GUARDRAIL. RUMBLE STRIPS SHOULD BE DISCONTINUED 50 FEET BEFORE AND STARTED 50 FEET AFTER WHEN ADJACENT TO GUARDRAIL WITH LESS THAN 5 FEET BETWEEN THE OUTSIDE EDGE OF THE RUMBLE STRIP AND THE FACE OF THE GUARDRAIL.
  - RUMBLE STRIPS ARE TO BE BROKEN FOR ALL INTERSECTIONS AND DRIVEWAY ENTRANCES WHERE THE EDGELINE PAVEMENT MARKINGS TIE INTO THE DRIVEWAY ENTRANCE OR THE EDGELINE PAVEMENT MARKINGS ARE BROKEN. THE INSTALLATION OF RUMBLE STRIPS SHOULD BE STOPPED 25 FEET PRIOR TO THE POINT OF CURVATURE (PC) ON THE APPROACHING LEG OF THE INTERSECTION OR DRIVEWAY AND RESTARTED 25 FEET AFTER THE POINT OF TANGENCY (PT) ON THE DEPARTING LEG OF THE INTERSECTION OR DRIVEWAY.
  - RUMBLE STRIPS SHOULD NOT BE INSTALLED ON ACCELERATION LANES, DECELERATION LANES, CONCRETE SURFACES, OR CONCRETE BRIDGE DECKS. FOR DECELERATION LANES, INSTALLATION SHOULD STOP 150 FEET PRIOR TO THE DIVERGE POINT AND SHOULD BE RESTARTED AT THE PHYSICAL GORE. FOR ACCELERATION LANES, INSTALLATION SHOULD STOP AT THE PHYSICAL GORE, AND SHOULD NOT COMMENCE UNTIL 150 FEET DOWNSTREAM OF THE MERGE POINT.

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DELAWARE  
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

NOT TO SCALE

PAVEMENT & REHABILITATION  
NORTH-XII, 2012  
DUPONT PARKWAY NB & SB

CONTRACT	BRIDGE NO.
T201206112	
COUNTY	DESIGNED BY: AF,JVB
NEW CASTLE	CHECKED BY: JFL,JAB

NOTES AND DETAILS

SHEET NO.
3
TOTAL SHTS.
12

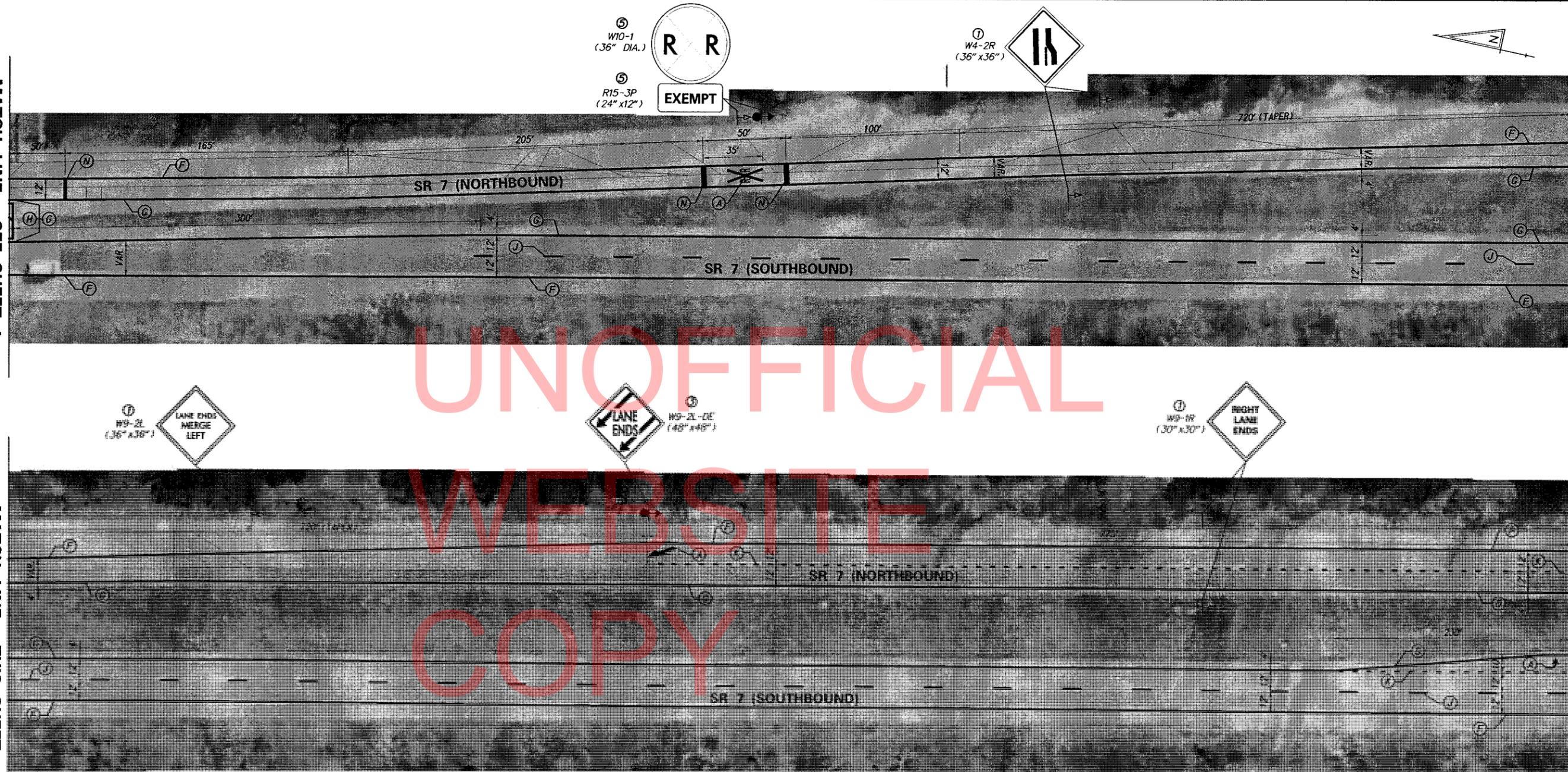


MATCH LINE - SEE SHEET 4

MATCH LINE - THIS SHEET

MATCH LINE - THIS SHEET

MATCH LINE - SEE SHEET 6



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WEBSITE  
COPY

SIGNING LEGEND	
①	REMOVE EXISTING SIGN
②	EXISTING SIGN TO REMAIN
③	PLACE NEW SIGN
④	RENEW EXISTING SIGN
⑤	REPOSITION EXISTING SIGN

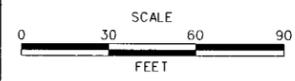
SIGN LOCATION SYMBOL	
←	EXISTING SIGN LOCATION
←●	NEW SIGN LOCATION
●	FLEXIBLE POST DELINEATOR

PAVEMENT MARKINGS LEGEND			
SYMBOL	ITEM	SYMBOL	ITEM
(A)	WHITE ALKYD-THERMOPLASTIC PAVEMENT STRIPING SYMBOL (ITEM 748015)	(H)	5" SOLID YELLOW DOUBLE LINE EPOXY RESIN PAINT PAVEMENT STRIPING, (ITEM 748548)
(B)	10" SOLID WHITE EPOXY RESIN PAVEMENT STRIPING (ITEM 748549)	(J)	5" BROKEN WHITE - 10' LINE & 30' GAP EPOXY RESIN PAINT PAVEMENT STRIPING, (ITEM 748548)
(C)	10" SOLID YELLOW EPOXY RESIN PAVEMENT STRIPING (ITEM 748549)	(K)	5" DOTTED WHITE - 2' LINE & 6' GAP EPOXY RESIN PAINT PAVEMENT STRIPING, (ITEM 748548)
(D)	12" SOLID WHITE ALKYD-THERMOPLASTIC PAVEMENT STRIPING, (ITEM 748027)	(L)	10" DOTTED WHITE - 2' LINE & 6' GAP EPOXY RESIN PAINT PAVEMENT STRIPING, (ITEM 748549)
(E)	12" SOLID YELLOW ALKYD-THERMOPLASTIC PAVEMENT STRIPING, (ITEM 748027)	(M)	16" SOLID WHITE ALKYD-THERMOPLASTIC PAVEMENT STRIPING (ITEM 748015)
(F)	5" SOLID WHITE EPOXY RESIN PAINT PAVEMENT STRIPING, (ITEM 748548)	(N)	24" SOLID WHITE ALKYD-THERMOPLASTIC PAVEMENT STRIPING (ITEM 748015)
(G)	5" SOLID YELLOW EPOXY RESIN PAINT PAVEMENT STRIPING, (ITEM 748548)	(O)	PREFORMED THERMOPLASTIC PAVEMENT MARKING WHITE, BIKE SYMBOL (ITEM 748553)

**NOTE**  
REFER TO SHEET 3 FOR THE GENERAL NOTES FOR SIGNING AND PAVEMENT MARKINGS AND PAVEMENT MARKING DETAILS.



ADDENDUMS / REVISIONS



**PAVEMENT & REHABILITATION  
NORTH-XII, 2012  
DUPONT PARKWAY NB & SB**

CONTRACT T201206112	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: AF, JVB
	CHECKED BY: JFL, JAB

**PROPOSED SIGNING  
AND STRIPING PLAN**

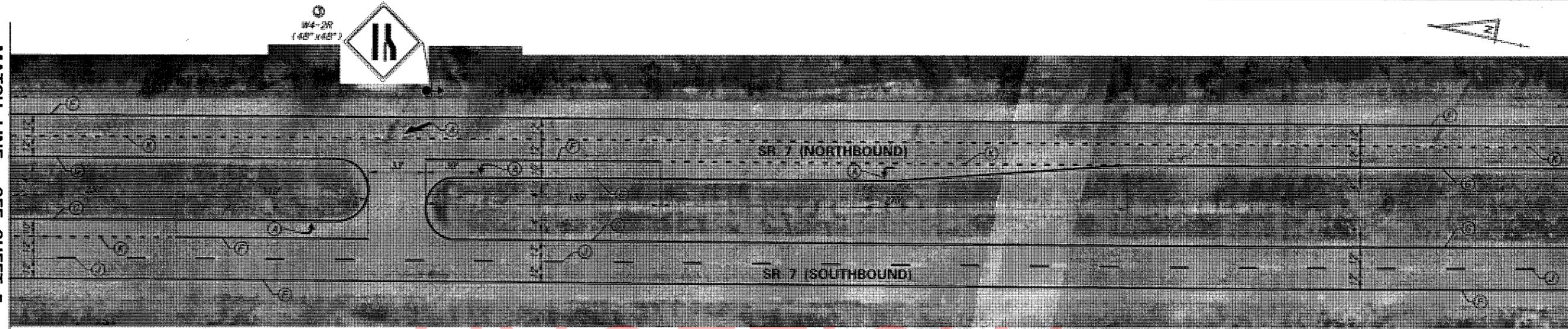
SHEET NO.	5
TOTAL SHTS.	12

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MATCH LINE - SEE SHEET 5

MATCH LINE - THIS SHEET



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WEBSITE  
COPY

MATCH LINE - THIS SHEET

MATCH LINE - SEE SHEET 7



RIGHT LANE  
MUST  
TURN RIGHT

③  
R3-7(R)  
(36" x 36")

③  
R3-7(R)  
(36" x 36")

RIGHT LANE  
MUST  
TURN RIGHT

**NOTE**  
REFER TO SHEET 3 FOR THE GENERAL NOTES FOR SIGNING AND PAVEMENT MARKINGS AND PAVEMENT MARKING DETAILS.

SIGNING LEGEND	
①	REMOVE EXISTING SIGN
②	EXISTING SIGN TO REMAIN
③	PLACE NEW SIGN
④	RENEW EXISTING SIGN
⑤	REPOSITION EXISTING SIGN

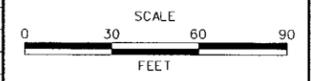
SIGN LOCATION SYMBOL	
←	EXISTING SIGN LOCATION
←●	NEW SIGN LOCATION
●	FLEXIBLE POST DELINEATOR

PAVEMENT MARKINGS LEGEND			
SYMBOL	ITEM	SYMBOL	ITEM
(A)	WHITE ALKYD-THERMOPLASTIC PAVEMENT STRIPING (ITEM 748015)	(H)	5" SOLID YELLOW DOUBLE LINE EPOXY RESIN PAINT PAVEMENT STRIPING, (ITEM 748548)
(B)	10" SOLID WHITE EPOXY RESIN PAVEMENT STRIPING (ITEM 748549)	(J)	5" BROKEN WHITE - 10' LINE & 30' GAP EPOXY RESIN PAINT PAVEMENT STRIPING, (ITEM 748548)
(C)	10" SOLID YELLOW EPOXY RESIN PAVEMENT STRIPING (ITEM 748549)	(K)	5" DOTTED WHITE - 2' LINE & 6' GAP EPOXY RESIN PAINT PAVEMENT STRIPING, (ITEM 748548)
(D)	12" SOLID WHITE ALKYD-THERMOPLASTIC PAVEMENT STRIPING, (ITEM 748027)	(L)	10" DOTTED WHITE - 2' LINE & 6' GAP EPOXY RESIN PAINT PAVEMENT STRIPING, (ITEM 748549)
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**DELAWARE**  
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS



**PAVEMENT & REHABILITATION**  
NORTH-XII, 2012  
DUPONT PARKWAY NB & SB

CONTRACT	BRIDGE NO.
T201206112	DESIGNED BY: AF,JVB
COUNTY	CHECKED BY: JFL, JAB
NEW CASTLE	

**PROPOSED SIGNING AND STRIPING PLAN**

SHEET NO.	6
TOTAL SHTS.	12



MATCH LINE - SEE SHEET 6

MATCH LINE - THIS SHEET

MATCH LINE - THIS SHEET

MATCH LINE - SEE SHEET 8

SIGNING LEGEND	
①	REMOVE EXISTING SIGN
②	EXISTING SIGN TO REMAIN
③	PLACE NEW SIGN
④	RENEW EXISTING SIGN
⑤	REPOSITION EXISTING SIGN

SIGN LOCATION SYMBOL	
⊕	EXISTING SIGN LOCATION
⊙	NEW SIGN LOCATION
•	FLEXIBLE POST DELINEATOR

PAVEMENT MARKINGS LEGEND	
SYMBOL	ITEM
(A)	WHITE ALKYD-THERMOPLASTIC PAVEMENT STRIPING SYMBOL (ITEM 748015)
(B)	10" SOLID WHITE EPOXY RESIN PAVEMENT STRIPING (ITEM 748549)
(C)	10" SOLID YELLOW EPOXY RESIN PAVEMENT STRIPING (ITEM 748549)
(D)	12" SOLID WHITE ALKYD-THERMOPLASTIC PAVEMENT STRIPING, (ITEM 748027)
(E)	12" SOLID YELLOW ALKYD-THERMOPLASTIC PAVEMENT STRIPING, (ITEM 748027)
(F)	5" SOLID WHITE EPOXY RESIN PAINT PAVEMENT STRIPING, (ITEM 748548)
(G)	5" SOLID YELLOW EPOXY RESIN PAINT PAVEMENT STRIPING, (ITEM 748548)
(H)	5" SOLID YELLOW DOUBLE LINE EPOXY RESIN PAINT PAVEMENT STRIPING, (ITEM 748548)
(J)	5" BROKEN WHITE - 10' LINE & 30' GAP EPOXY RESIN PAINT PAVEMENT STRIPING, (ITEM 748548)
(K)	5" DOTTED WHITE - 2' LINE & 6' GAP EPOXY RESIN PAINT PAVEMENT STRIPING, (ITEM 748548)
(L)	10" DOTTED WHITE - 2' LINE & 6' GAP EPOXY RESIN PAINT PAVEMENT STRIPING, (ITEM 748549)
(M)	16" SOLID WHITE ALKYD-THERMOPLASTIC PAVEMENT STRIPING (ITEM 748015)
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(O)	PREFORMED THERMOPLASTIC PAVEMENT MARKING WHITE, BIKE SYMBOL (ITEM 748553)

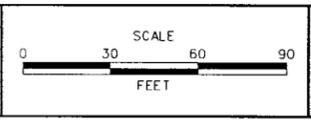
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**NOTE**  
REFER TO SHEET 3 FOR THE GENERAL NOTES FOR SIGNING AND PAVEMENT MARKINGS AND PAVEMENT MARKING DETAILS.

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**DELAWARE DEPARTMENT OF TRANSPORTATION**

ADDENDUMS / REVISIONS

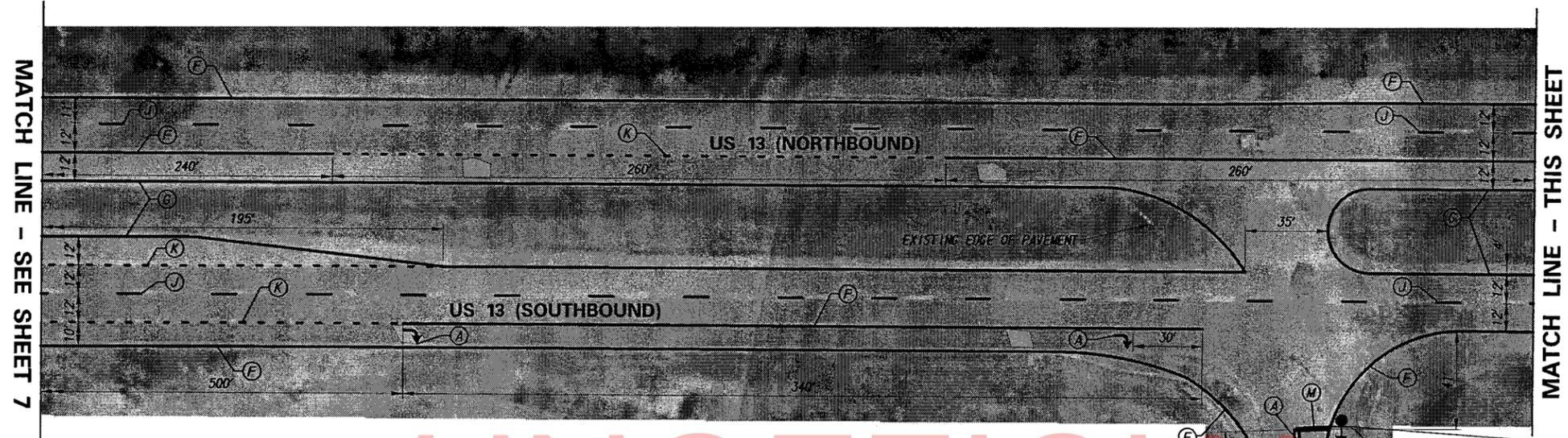


**PAVEMENT & REHABILITATION NORTH-XII, 2012 DUPONT PARKWAY NB & SB**

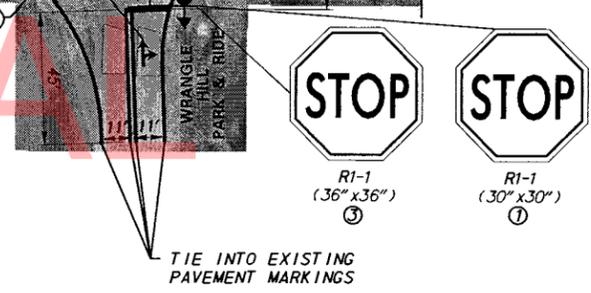
CONTRACT T201206112	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: AF, JVB
	CHECKED BY: JFL, JAB

**PROPOSED SIGNING AND STRIPING PLAN**

SHEET NO.	7
TOTAL SHTS.	12



UNOFFICIAL  
WEBSITE  
COPY



SIGNING LEGEND	
①	REMOVE EXISTING SIGN
②	EXISTING SIGN TO REMAIN
③	PLACE NEW SIGN
④	RENEW EXISTING SIGN
⑤	REPOSITION EXISTING SIGN

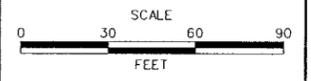
SIGN LOCATION SYMBOL	
	EXISTING SIGN LOCATION
	NEW SIGN LOCATION
	FLEXIBLE POST DELINEATOR

PAVEMENT MARKINGS LEGEND			
SYMBOL	ITEM	SYMBOL	ITEM
(A)	WHITE ALKYD-THERMOPLASTIC PAVEMENT STRIPING SYMBOL (ITEM 748015)	(H)	5" SOLID YELLOW DOUBLE LINE EPOXY RESIN PAINT PAVEMENT STRIPING, (ITEM 748548)
(B)	10" SOLID WHITE EPOXY RESIN PAVEMENT STRIPING (ITEM 748549)	(J)	5" BROKEN WHITE - 10' LINE & 30' GAP EPOXY RESIN PAINT PAVEMENT STRIPING, (ITEM 748548)
(C)	10" SOLID YELLOW EPOXY RESIN PAVEMENT STRIPING (ITEM 748549)	(K)	5" DOTTED WHITE - 2' LINE & 6' GAP EPOXY RESIN PAINT PAVEMENT STRIPING, (ITEM 748548)
(D)	12" SOLID WHITE ALKYD-THERMOPLASTIC PAVEMENT STRIPING, (ITEM 748027)	(L)	10" DOTTED WHITE - 2' LINE & 6' GAP EPOXY RESIN PAINT PAVEMENT STRIPING, (ITEM 748549)
(E)	12" SOLID YELLOW ALKYD-THERMOPLASTIC PAVEMENT STRIPING, (ITEM 748027)	(M)	16" SOLID WHITE ALKYD-THERMOPLASTIC PAVEMENT STRIPING (ITEM 748015)
(F)	5" SOLID WHITE EPOXY RESIN PAINT PAVEMENT STRIPING, (ITEM 748548)	(N)	24" SOLID WHITE ALKYD-THERMOPLASTIC PAVEMENT STRIPING (ITEM 748015)
(G)	5" SOLID YELLOW EPOXY RESIN PAINT PAVEMENT STRIPING, (ITEM 748548)	(O)	PREFORMED THERMOPLASTIC PAVEMENT MARKING WHITE, BIKE SYMBOL (ITEM 748553)

**NOTE**  
REFER TO SHEET 3 FOR THE GENERAL NOTES FOR SIGNING AND PAVEMENT MARKINGS AND PAVEMENT MARKING DETAILS.



ADDENDUMS / REVISIONS



**PAVEMENT & REHABILITATION  
NORTH-XII, 2012  
DUPONT PARKWAY NB & SB**

CONTRACT T201206112	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: AF, JVB
	CHECKED BY: JFL, JAB

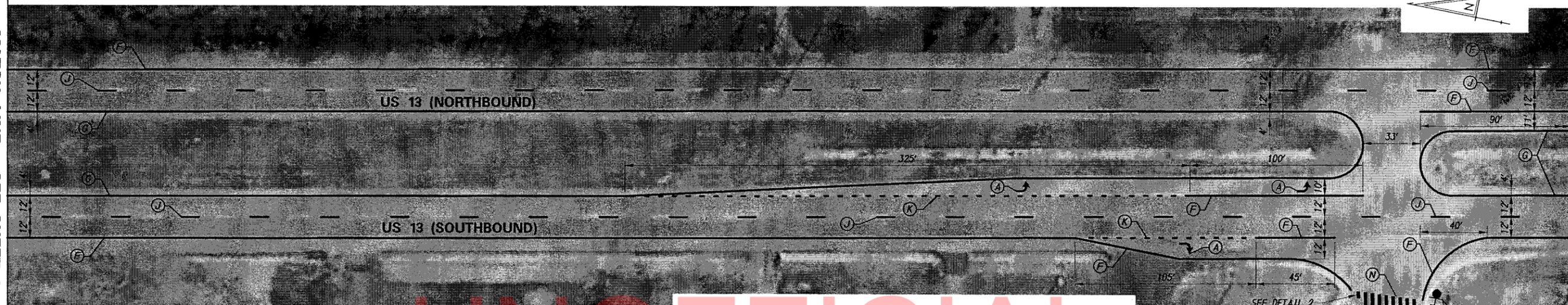
**PROPOSED SIGNING  
AND STRIPING PLAN**

SHEET NO.	8
TOTAL SHTS.	12

W:\MSV8\CELLS\PROJ\DEV\18\SB.CEL

MATCH LINE - SEE SHEET 8

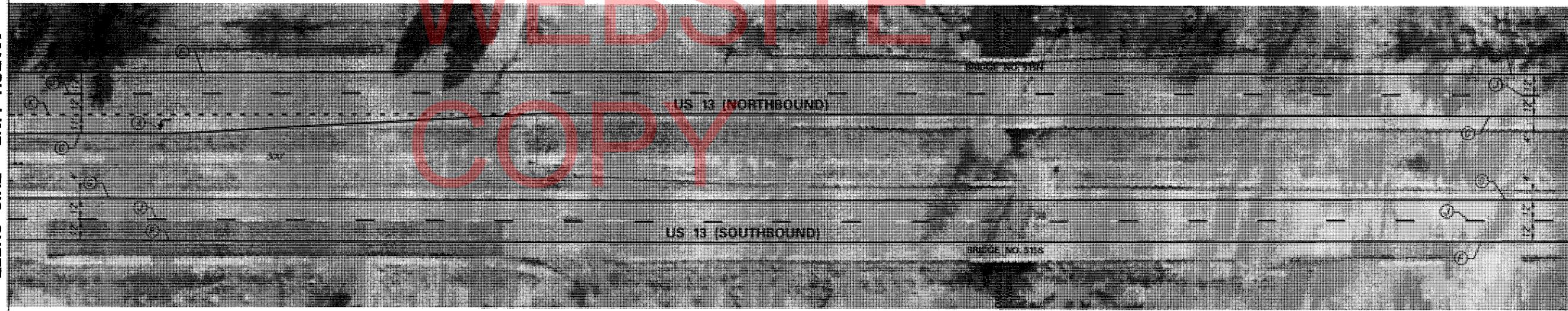
MATCH LINE - THIS SHEET



UNOFFICIAL  
WEBSITE  
COPY

MATCH LINE - THIS SHEET

MATCH LINE - SEE SHEET 10



**NOTE**  
REFER TO SHEET 3 FOR THE GENERAL NOTES FOR SIGNING AND PAVEMENT MARKINGS AND PAVEMENT MARKING DETAILS.

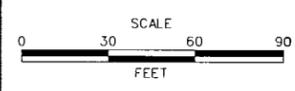
SIGNING LEGEND	
①	REMOVE EXISTING SIGN
②	EXISTING SIGN TO REMAIN
③	PLACE NEW SIGN
④	RENEW EXISTING SIGN
⑤	REPOSITION EXISTING SIGN

SIGN LOCATION SYMBOL	
⊣	EXISTING SIGN LOCATION
⬅	NEW SIGN LOCATION
•	FLEXIBLE POST DELINEATOR

PAVEMENT MARKINGS LEGEND			
SYMBOL	ITEM	SYMBOL	ITEM
A	WHITE ALKYD-THERMOPLASTIC PAVEMENT STRIPING SYMBOL (ITEM 748015)	H	5" SOLID YELLOW DOUBLE LINE EPOXY RESIN PAINT PAVEMENT STRIPING, (ITEM 748548)
B	10" SOLID WHITE EPOXY RESIN PAVEMENT STRIPING (ITEM 748549)	J	5" BROKEN WHITE - 10' LINE & 30' GAP EPOXY RESIN PAINT PAVEMENT STRIPING, (ITEM 748548)
C	10" SOLID YELLOW EPOXY RESIN PAVEMENT STRIPING (ITEM 748549)	K	5" DOTTED WHITE - 2' LINE & 6' GAP EPOXY RESIN PAINT PAVEMENT STRIPING, (ITEM 748548)
D	12" SOLID WHITE ALKYD-THERMOPLASTIC PAVEMENT STRIPING, (ITEM 748027)	L	10" DOTTED WHITE - 2' LINE & 6' GAP EPOXY RESIN PAINT PAVEMENT STRIPING, (ITEM 748549)
E	12" SOLID YELLOW ALKYD-THERMOPLASTIC PAVEMENT STRIPING, (ITEM 748027)	M	16" SOLID WHITE ALKYD-THERMOPLASTIC PAVEMENT STRIPING (ITEM 748015)
F	5" SOLID WHITE EPOXY RESIN PAINT PAVEMENT STRIPING, (ITEM 748548)	N	24" SOLID WHITE ALKYD-THERMOPLASTIC PAVEMENT STRIPING (ITEM 748015)
G	5" SOLID YELLOW EPOXY RESIN PAINT PAVEMENT STRIPING, (ITEM 748548)	O	PREFORMED THERMOPLASTIC PAVEMENT MARKING WHITE, BIKE SYMBOL (ITEM 748553)



ADDENDUMS / REVISIONS	



**PAVEMENT & REHABILITATION  
NORTH-XII, 2012  
DUPONT PARKWAY NB & SB**

CONTRACT T201206112	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: AF, JVB
	CHECKED BY: JFL, JAB

**PROPOSED SIGNING  
AND STRIPING PLAN**

SHEET NO.	9
TOTAL SHTS.	12

W:\MSV8\CELLS\PROJ\DEV\SB.CEL



MATCH LINE - SEE SHEET 9

MATCH LINE - THIS SHEET

MATCH LINE - THIS SHEET

MATCH LINE - SEE SHEET 11



**NOTE**  
REFER TO SHEET 3 FOR THE GENERAL NOTES FOR SIGNING AND PAVEMENT MARKINGS AND PAVEMENT MARKING DETAILS.

PAVEMENT MARKINGS LEGEND			
SYMBOL	ITEM	SYMBOL	ITEM
(A)	WHITE ALKYD-THERMOPLASTIC PAVEMENT STRIPING (ITEM 748015)	(H)	5" SOLID YELLOW DOUBLE LINE EPOXY RESIN PAINT PAVEMENT STRIPING, (ITEM 748548)
(B)	10" SOLID WHITE EPOXY RESIN PAVEMENT STRIPING (ITEM 748549)	(J)	5" BROKEN WHITE - 10' LINE & 30' GAP EPOXY RESIN PAINT PAVEMENT STRIPING, (ITEM 748548)
(C)	10" SOLID YELLOW EPOXY RESIN PAVEMENT STRIPING (ITEM 748549)	(K)	5" DOTTED WHITE - 2' LINE & 6' GAP EPOXY RESIN PAINT PAVEMENT STRIPING, (ITEM 748548)
(D)	12" SOLID WHITE ALKYD-THERMOPLASTIC PAVEMENT STRIPING, (ITEM 748027)	(L)	10" DOTTED WHITE - 2' LINE & 6' GAP EPOXY RESIN PAINT PAVEMENT STRIPING, (ITEM 748549)
(E)	12" SOLID YELLOW ALKYD-THERMOPLASTIC PAVEMENT STRIPING, (ITEM 748027)	(M)	16" SOLID WHITE ALKYD-THERMOPLASTIC PAVEMENT STRIPING (ITEM 748015)
(F)	5" SOLID WHITE EPOXY RESIN PAINT PAVEMENT STRIPING, (ITEM 748548)	(N)	24" SOLID WHITE ALKYD-THERMOPLASTIC PAVEMENT STRIPING (ITEM 748015)
(G)	5" SOLID YELLOW EPOXY RESIN PAINT PAVEMENT STRIPING, (ITEM 748548)	(O)	PREFORMED THERMOPLASTIC PAVEMENT MARKING WHITE, BIKE SYMBOL (ITEM 748553)

OMI-3 (18" x 18")

R1-1 (30" x 30")

R1-1 (36" x 36")

R1-2 (48" x 48" x 48")

W4-2R (36" x 36")

R5-1b (12" x 18")

R9-3cP (12" x 12")

R3-7L (36" x 36")

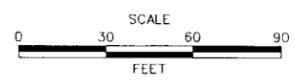
SIGN LOCATION SYMBOL	
◀	EXISTING SIGN LOCATION
◀●	NEW SIGN LOCATION
●	FLEXIBLE POST DELINEATOR

SIGNING LEGEND	
①	REMOVE EXISTING SIGN
②	EXISTING SIGN TO REMAIN
③	PLACE NEW SIGN
④	RENEW EXISTING SIGN
⑤	REPOSITION EXISTING SIGN

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ADDENDUMS / REVISIONS

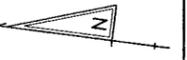


**PAVEMENT & REHABILITATION**  
NORTH-XII, 2012  
DUPONT PARKWAY NB & SB

CONTRACT T201206112	BROGE NO.
COUNTY NEW CASTLE	DESIGNED BY: AF, JVB
	CHECKED BY: JFL, JAB

**PROPOSED SIGNING AND STRIPING PLAN**

SHEET NO.	10
TOTAL SHTS.	12



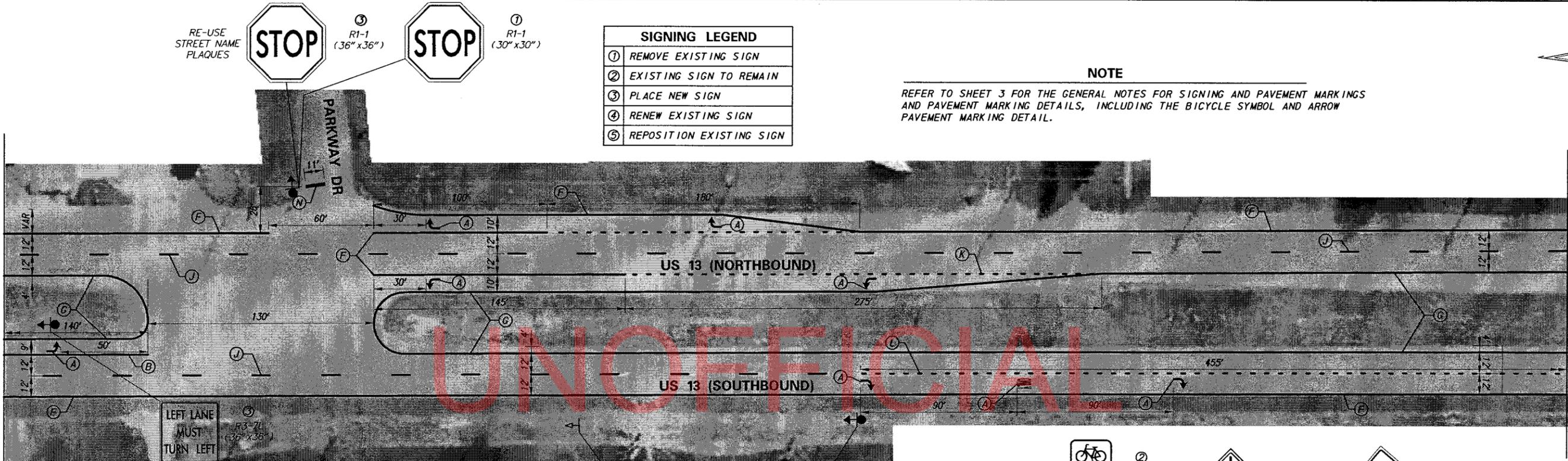
**SIGNING LEGEND**

①	REMOVE EXISTING SIGN
②	EXISTING SIGN TO REMAIN
③	PLACE NEW SIGN
④	RENEW EXISTING SIGN
⑤	REPOSITION EXISTING SIGN

**NOTE**  
 REFER TO SHEET 3 FOR THE GENERAL NOTES FOR SIGNING AND PAVEMENT MARKINGS AND PAVEMENT MARKING DETAILS, INCLUDING THE BICYCLE SYMBOL AND ARROW PAVEMENT MARKING DETAIL.

MATCH LINE - SEE SHEET 10

MATCH LINE - THIS SHEET

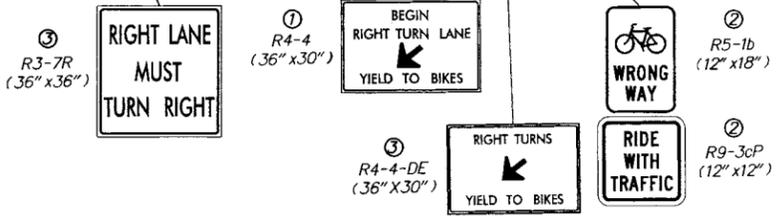
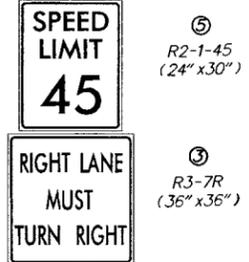
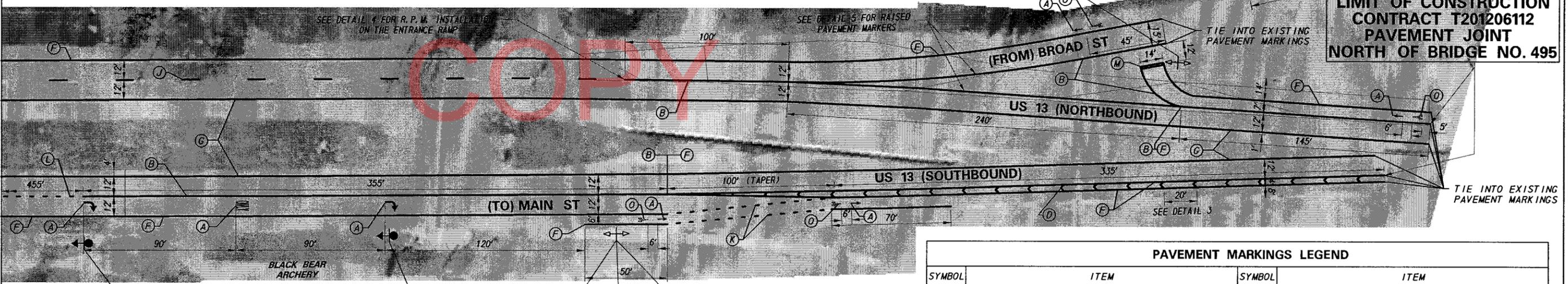


**SIGN LOCATION SYMBOL**

←	EXISTING SIGN LOCATION
→	NEW SIGN LOCATION
•	FLEXIBLE POST DELINEATOR



MATCH LINE - THIS SHEET

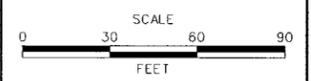


**PAVEMENT MARKINGS LEGEND**

SYMBOL	ITEM	SYMBOL	ITEM
(A)	WHITE ALKYD THERMOPLASTIC PAVEMENT SYMBOL (ITEM 748015)	(H)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 5" SOLID DOUBLE LINE (ITEM 748548)
(B)	10" SOLID WHITE EPOXY RESIN PAVEMENT STRIPING (ITEM 748549)	(J)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" BROKEN - 10' LINE & 30' GAP (ITEM 748548)
(C)	10" SOLID YELLOW EPOXY RESIN PAVEMENT STRIPING (ITEM 748549)	(K)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" DOTTED - 2' LINE & 6' GAP (ITEM 748548)
(D)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 12" SOLID (ITEM 748027)	(L)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 10" DOTTED - 2' LINE & 6' GAP (ITEM 748549)
(E)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, YELLOW 12" SOLID (ITEM 748027)	(M)	16" SOLID WHITE ALKYD THERMOPLASTIC PAVEMENT STRIPING (ITEM 748015)
(F)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" SOLID (ITEM 748548)	(N)	24" SOLID WHITE ALKYD THERMOPLASTIC PAVEMENT STRIPING (ITEM 748015)
(G)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 5" SOLID (ITEM 748548)	(O)	PREFORMED THERMOPLASTIC PAVEMENT MARKING WHITE, BIKE SYMBOL (748553)

**DELAWARE DEPARTMENT OF TRANSPORTATION**

ADDENDUMS / REVISIONS



**PAVEMENT & REHABILITATION NORTH-XII, 2012 DUPONT PARKWAY NB & SB**

CONTRACT	BRIDGE NO.
T201206112	
COUNTY	DESIGNED BY: AF, JVB
NEW CASTLE	CHECKED BY: JFL, JAB

**PROPOSED SIGNING AND STRIPING PLAN**

SHEET NO.	11
TOTAL SHTS.	12

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SIGN SCHEDULE

NO.	SHEET NO.	CODE (DE-MUTCD)	QTY.	DESCRIPTION	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	TOTAL SIGN AREA (SF)	REMOVE	INSTALL	SIGN DISPOSITION	TOTAL SIGN AREA (SF)	REMOVE	INSTALL					
1	4	R1-1(30)	1	STOP	30	30	6	REMOVE	6	1										
2	4	R1-1(36)	1	STOP	36	36	9					NEW	9		2	SOIL	2		RE-USE STREET NAME AND NO OUTLET PLAQUES	
3	4	W10-1(36)	1	HIGHWAY-RAIL GRADE CROSSING ADVANCE WARNING 36 Inch	36	36	9					REPOSITION	9	2	2	SOIL			COORDINATE W/ DISTRICT TO CLEAR VEGETATION PRIOR TO INSTALLATION. W/W10-1, NO POST REQUIRED.	
4	4	R15-3P	1	EXEMPT	24	12	2	REPOSITION	2											
5	5	W10-1(36)	1	HIGHWAY-RAIL GRADE CROSSING ADVANCE WARNING 36 Inch	36	36	9					REPOSITION	9	2	2					
6	5	R15-3P	1	EXEMPT	24	12	2	REPOSITION	2										W/W10-1, NO POSTS REQUIRED.	
7	5	W4-2_R(36)	2	LANE ENDS (Right) - 36x36	36	36	9					REMOVE	18	4						
8	5	W9-2_L(36)	1	LANE ENDS MERGE LEFT - 36x36	36	36	9					REMOVE	9	2						
9	5	W9-2-DE_L(48)	1	LANE ENDS (Left Arrows) - 48x48	48	48	16					NEW	16		2	SOIL	2			
10	5	W9-1_R(30)	2	RIGHT LANE ENDS - 30x30	30	30	6	REMOVE	13	2										
11	6	R3-7_R(36)	2	RIGHT LANE MUST TURN RIGHT - 36"x36"	36	36	9					NEW	18		4	SOIL	4			
12	6	W4-2_R(48)	1	LANE ENDS (Right) - 48x48	48	48	16					NEW	16		2	SOIL	2			
13	6	W9-2_L(48)	1	LANE ENDS MERGE LEFT - 48x48	48	48	16					NEW	16		2	SOIL	2			
14	7	R3-7_R(36)	1	RIGHT LANE MUST TURN RIGHT - 36"x36"	36	36	9					NEW	9		2	SOIL			BAND SIGN TO LIGHT POLE	
15	7	R1-2(30)	4	YIELD	30	30	6	REMOVE	25	4										
16	7	R1-2(48)	3	YIELD	48	48	16					NEW	48		6	SOIL	6			
17	7	W4-3_R(36)	1	ADDED LANE (Right) - 36x36	36	36	9					NEW	9		2	SOIL	2			
18	8	R1-1(30)	1	STOP	30	30	6	REMOVE	6	1										
19	8	R1-1(36)	1	STOP	36	36	9					NEW	9		2	SOIL	2			
20	9	R1-1(30)	1	STOP	30	30	6	REMOVE	6	1										
21	9	R1-1(36)	1	STOP	36	36	9					NEW	9		2	SOIL	2		RE-USE STREET NAME PLAQUES	
22	10	R1-2(30)	1	YIELD	30	30	6	REMOVE	6	1										
23	10	R1-2(48)	2	YIELD	48	48	16					NEW	32		4	SOIL	4			
24	10	R1-2(48)	1	YIELD	48	48	16					NEW	16		2	CONCRETE	2	2		
25	10	R1-1(30)	2	STOP	30	30	6	REMOVE	13	2										
26	10	R1-1(36)	2	STOP	36	36	9					NEW	18		4	CONCRETE	4	4	RE-USE STREET NAME PLAQUES	
27	10	OM1-3	1	TYPE 1 OBJECT MARKER	18	18	2	NEW	2		1				CONCRETE	1	1			
28	10	W4-2_R(36)	1	LANE ENDS (Right) - 36x36	36	36	9					REMOVE	9						ONLY REMOVE SIGN PANEL	
29	10	R5-1b	1	BICYCLES WRONG WAY	12	18	2	REMAIN	2										BACK-TO-BACK W/W4-2R.	
30	10	R9-3cP	1	RIDE WITH TRAFFIC (plaque)	12	12	1	REMAIN	1										BACK-TO-BACK W/W4-2R.	
31	10	R3-7_L(36)	2	LEFT LANE MUST TURN LEFT - 36"x36"	36	36	9					NEW	18		4	SOIL	4			
32	11	R1-1(30)	1	STOP	30	30	6	REMOVE	6	1										
33	11	R1-1(36)	1	STOP	36	36	9					NEW	9		2	SOIL	2		RE-USE STREET NAME PLAQUES	
34	11	R3-7_L(36)	1	LEFT LANE MUST TURN LEFT - 36"x36"	36	36	9					NEW	9		2	SOIL	2			
35	11	W9-2-DE_L(36)	1	LANE ENDS (Left Arrows) - 36x36	36	36	9					REMOVE	9	2						
36	11	R3-7_R(36)	1	RIGHT LANE MUST TURN RIGHT - 36"x36"	36	36	9					NEW	9		2	SOIL	2			
37	11	R3-7_R(36)	1	RIGHT LANE MUST TURN RIGHT - 36"x36"	36	36	9					NEW	9		2	SOIL	2		W/R2-1-45(36). THIS SHEET.	
38	11	R3-7_R(36)	1	RIGHT LANE MUST TURN RIGHT - 36"x36"	36	36	9					NEW	9		2	CONCRETE	2	2		
39	11	R2-1-45(24)	1	SPEED LIMIT (45 MPH - 24x30)	24	30	5	REPOSITION	5	1	1				SOIL				W/R3-7R(36). THIS SHEET.	
40	11	R4-4	1	BEGIN RIGHT TURN LANE YIELD TO BIKES	36	30	8	REMOVE		1										
41	11	R4-4-DE	1	RIGHT TURNS YIELD TO BIKE	36	30	8	ADD TO EXIST.			1								USE EXISTING POST	
42	11	R5-1b	1	BICYCLES WRONG WAY	12	18	2	REMAIN	2										BACK-TO-BACK W/R4-4-DE.	
43	11	R9-3cP	1	RIDE WITH TRAFFIC (plaque)	12	12	1	REMAIN	1										BACK-TO-BACK W/R4-4-DE.	
44	11	W11-1(30)	1	BICYCLE (Symbol) - 30x30	30	30	6	NEW	6		1				SOIL	1				
45	11	W4-3_R(36)	1	ADDED LANE (Right) - 36x36	36	36	9					REMAIN	9							
46	11	SR1-16-DE	1	STOP (shared-use path only)	24	42	7	REMAIN	7											
47	11	OM1-3	2	TYPE 1 OBJECT MARKER	18	18	2	REMAIN	5										W/SR1-16-DE & BACK-TO-BACK.	
48																				
49																				
50																				
PAGE TOTALS									115	15	4		360	12	54		50	9		
JOB TOTALS									115	15	4		360	12	54		50	9		

UNOFFICIAL WEBSITE COPY

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ADDENDUMS / REVISIONS

NOT TO SCALE

**PAVEMENT & REHABILITATION  
NORTH-XII, 2012  
DUPONT PARKWAY NB & SB**

CONTRACT	BRIDGE NO.
T201206112	
COUNTY	DESIGNED BY: AF, JVB
NEW CASTLE	CHECKED BY: JFL, JAB

**SIGN SCHEDULE**

SHEET NO.
12
TOTAL SHTS.
12