

INTERSECTION SIGNING RECOMMENDATIONS:

- 1 INSTALL R5-1, "DO NOT ENTER" SIGN (36"x36") ADJACENT TO STOP BAR FACING OPPOSING TRAFFIC AS SHOWN
- 2 REPLACE EXISTING UNDERSIZED "NO LEFT TURN" SIGN (24"x24") WITH NEW R3-2, "NO LEFT TURN" SIGN (36"x36") ON EXISTING LIGHT POLE FACING WEST
- 3 REPLACE EXISTING UNDERSIZED "NO RIGHT TURN" SIGN (24"x24") WITH NEW R3-1, "NO RIGHT TURN" SIGN (36"x36") ON EXISTING LIGHT POLE FACING EAST
- 4 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER (SEE RECOMMENDATION 13)
- 5 REPLACE EXISTING UNDERSIZED "NO U-TURN" SIGN (24"x24") WITH NEW R3-4, "NO U-TURN" SIGN (36"x36") FACING EAST
- 6 REPLACE EXISTING UNDERSIZED "NO LEFT TURN" SIGN (24"x24") WITH NEW R3-2, "NO LEFT TURN" SIGN (36"x36") FACING WEST
- 7 REPLACE EXISTING UNDERSIZED "SPEED LIMIT" SIGN (30"x24") WITH NEW R2-1, "SPEED LIMIT" SIGN (36"x30")
- 8 INSTALL R6-1L, "ONE WAY" SIGN (12"x36"), R6-1R, "ONE WAY" SIGN (12"x36"), AND R5-1, "DO NOT ENTER" SIGN (36"x36") (R6-1L: FACING EAST, R6-1R: FACING WEST, R5-1: FACING SOUTH)
- 9 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (24"x30") ON BACK OF PROPOSED "DO NOT ENTER" SIGN FACING NORTH
- 10 REPLACE DAMAGED "PARK AND RIDE" SIGN WITH NEW D4-2, "PARK AND RIDE" SIGN (36"x30"); INSTALL ON NEW SIGN POST; INSTALL R5-1a, "WRONG WAY" SIGN (42"x30") ON BACK OF EXISTING "PARK AND RIDE" SIGN FACING SOUTH TOWARDS OPPOSING TRAFFIC AS SHOWN
- 11 INSTALL R5-1a, "WRONG WAY" SIGN (42"x30") FACING OPPOSING TRAFFIC AS SHOWN
- 12 RELOCATE EXISTING M1-1, INTERSTATE ROUTE SIGN, M3-1, CARDINAL DIRECTION SIGN, AND M6-2, DIRECTIONAL ARROW 575 FT WEST AS SHOWN
- 13 RELOCATE EXISTING M1-1, INTERSTATE ROUTE SIGN, M3-1, CARDINAL DIRECTION SIGN, AND M6-2, DIRECTIONAL ARROW 450 FT EAST AS SHOWN; INSTALL ABOVE PROPOSED R3-20-DE, "TURN LANE SIGN" (SEE RECOMMENDATION 4)
- 14 REMOVE OM1-3, OBJECT MARKERS (BACK TO BACK)

INTERSECTION STRIPING RECOMMENDATIONS:

- NONE

RECOMMENDATION 2



RECOMMENDATION 12



RECOMMENDATION 3



RECOMMENDATIONS 5 & 13



RECOMMENDATION 7

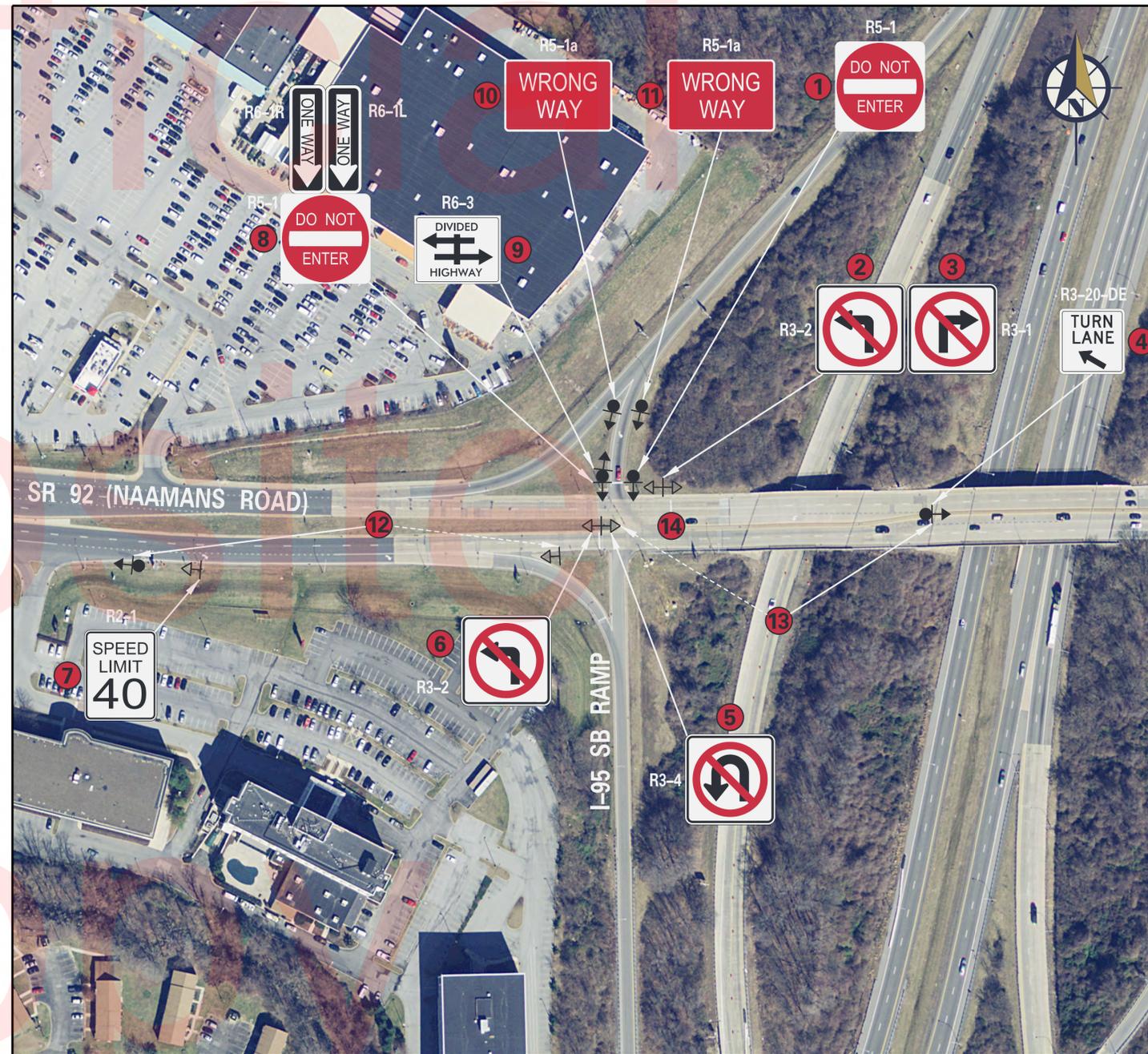


RECOMMENDATION 10



INTERSECTION 15: SR 92 (NAAMANS ROAD) & I-95 SB RAMP

- I-95 SB RAMP (NORTH LEG): NO MEDIAN
- I-95 SB RAMP (SOUTH LEG): NO MEDIAN
- SR 92 (NAAMANS ROAD) (EAST LEG): MEDIAN WIDTH OF 6 FEET
- SR 92 (NAAMANS ROAD) (WEST LEG): MEDIAN WIDTH OF 19 FEET



INTERSECTION SIGNING RECOMMENDATIONS:

- 1 RELOCATE EXISTING M1-1, ROUTE SIGNS, M3-1, CARDINAL DIRECTION SIGNS, AND M6-2, DIRECTIONAL ARROW SIGNS 300 FT EAST AS SHOWN
- 2 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (24"x30") ON EXISTING SIGN POST ADJACENT TO STOP BAR FACING SOUTH
- 3 INSTALL R5-1a, "WRONG WAY" SIGN (42"x30") FACING NORTH TOWARDS OPPOSING TRAFFIC ON EXISTING LIGHT POLE
- 4 5 REPLACE EXISTING UNDERSIZED "DO NOT ENTER" SIGN (30"x30") WITH NEW R5-1, "DO NOT ENTER" SIGN (36"x36")
- 6 REPLACE EXISTING UNDERSIZED "NO RIGHT TURN" SIGN (24"x24") WITH NEW R3-1, "NO RIGHT TURN" SIGN (36"x36") FACING WEST ON NEW POST; ON BACK, REPLACE EXISTING UNDERSIZED "NO LEFT TURN" SIGN (24"x24") WITH NEW R3-2, "NO LEFT TURN" SIGN (36"x36") FACING EAST ON NEW POST
- 7 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER (SEE RECOMMENDATION 8)
- 8 REPLACE EXISTING UNDERSIZED "NO U-TURN" SIGN (24"x24") WITH NEW R3-4, "NO U-TURN" SIGN (36"x36") FACING WEST; RELOCATE EXISTING M1-1, ROUTE SIGN, M3-1 CARDINAL DIRECTION SIGN, AND M6-1, DIRECTIONAL ARROW SIGN 515 FEET WEST AS SHOWN (INSTALL ABOVE PROPOSED "TURN LANE" SIGN, SEE RECOMMENDATION 7)
- 9 REMOVE OM1-3, OBJECT MARKER

INTERSECTION STRIPING RECOMMENDATIONS:

- NONE

INTERSECTION 16: SR 92 (NAAMANS ROAD) & I-95 NB RAMP

- I-95 NB RAMP (NORTH LEG): NO MEDIAN
- I-95 NB RAMP (SOUTH LEG): NO MEDIAN
- SR 92 (NAAMANS ROAD) (EAST LEG): MEDIAN WIDTH OF 20 FEET
- SR 92 (NAAMANS ROAD) (WEST LEG): MEDIAN WIDTH OF 6 FEET



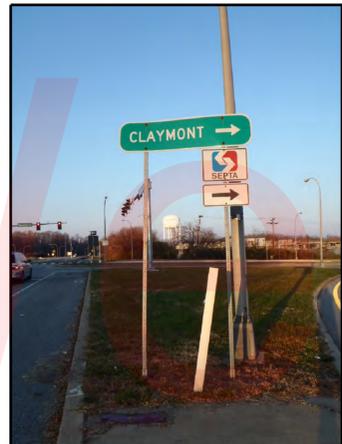
RECOMMENDATION 1



RECOMMENDATION 2



RECOMMENDATION 3



RECOMMENDATION 6



RECOMMENDATION 8



PLOTTED BY: KBLAKE DATE: 8/24/2016 FILE LOCATION: Q:\INDE\120142_000_TRAFFIC_ENGINEERING_V\CADD\1+02\DE 92_03.DGN [SHEET:]

ADDENDUMS / REVISIONS

NOT TO SCALE

SIGNALIZED MEDIAN CROSSOVER SIGNING AND PAVEMENT MARKING UPGRADES - STATEWIDE

CONTRACT	PERMIT NO.	N335
T201508305	DESIGNED BY: CDD	
COUNTY	CHECKED BY: MAW	
NEW CASTLE		

SR 92 (NAAMANS ROAD) & I-95 NB RAMP IMPROVEMENTS

SHEET NO.	262
TOTAL SHTS.	522

INTERSECTION SIGNING RECOMMENDATIONS:

- 1 REPLACE EXISTING UNDERSIZED "NO U-TURN" SIGN (24"x24") WITH NEW R3-4, "NO U-TURN" SIGN (36"x36") FACING EAST
- 2 INSTALL R6-1L, "ONE WAY" SIGN (12"x36") FACING NORTH AS SHOWN
- 3 REPLACE EXISTING UNDERSIZED SPEED LIMIT SIGN (30"x24") WITH NEW R2-1, SPEED LIMIT SIGN (36"x30")
- 4 REPLACE EXISTING NON-STANDARD "TURN LANE" SIGN WITH NEW R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 5 INSTALL R6-1L, "ONE WAY" SIGN (12"x36"), R6-1R, "ONE WAY" SIGN (12"x36"), AND R6-3, "DIVIDED HIGHWAY" SIGN (24"x30") ADJACENT TO STOP BAR AS SHOWN
- 6 REMOVE OM1-3, OBJECT MARKER

INTERSECTION STRIPING RECOMMENDATIONS:

- NONE

INTERSECTION 17: SR 92 (NAAMANS ROAD) & TRI-STATE MALL ENT.

- TRI-STATE MALL ENT. (NORTH LEG): MEDIAN WIDTH OF 10 FEET
- TRI-STATE MALL ENT. (SOUTH LEG): NONE
- SR 92 (NAAMANS ROAD) (EAST LEG): MEDIAN WIDTH OF 25 FEET
- SR 92 (NAAMANS ROAD) (WEST LEG): MEDIAN WIDTH OF 20 FEET



RECOMMENDATION 3



RECOMMENDATION 4



RECOMMENDATION 6



INTERSECTION SIGNING RECOMMENDATIONS:

- 1 INSTALL R4-7, "KEEP RIGHT" SIGN (30"x24") ON MEDIAN NOSE AS SHOWN
- 2 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 3 INSTALL W16-8p, "ADVANCE STREET NAME" SIGN (9"x30") BENEATH EXISTING SIGNAL AHEAD SIGN (RIDGE RD)
- 4 REMOVE EXISTING OM1-3, OBJECT MARKER
- 5 INSTALL W16-8p, "ADVANCE STREET NAME" SIGN (9"x30") BENEATH EXISTING SIGNAL AHEAD SIGN (RIDGE RD); RELOCATE EXISTING "NO STOPPING STANDING OR PARKING" SIGN BELOW PROPOSED "ADVANCE STREET NAME" SIGN
- 6 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (24"x30") ADJACENT TO STOP BAR AS SHOWN

INTERSECTION STRIPING RECOMMENDATIONS:

- 1 RESTRIPE FADED LANE LINES TO INCLUDE 90 FT OF 5" WIDE SOLID WHITE LANE LINE AND 200 FT OF 5" DASHED LANE LINE (2' DASH 6' GAP)

RECOMMENDATION 3



RECOMMENDATION 4



RECOMMENDATION 5



INTERSECTION 18: SR 92 (NAAMANS ROAD) & RIDGE ROAD

- RIDGE ROAD (NORTH LEG): MEDIAN WIDTH OF 6 FEET
- RIDGE ROAD (SOUTH LEG): NONE
- SR 92 (NAAMANS ROAD) (EAST LEG): MEDIAN WIDTH OF 8 FEET
- SR 92 (NAAMANS ROAD) (WEST LEG): MEDIAN WIDTH OF 8 FEET



LEGEND:

WHITE: EXISTING CONDITIONS
YELLOW: PROPOSED CONDITIONS

SR 92 Corridor		Signing Items					Striping Items (Concrete)					Striping Items (Hot-Mix)													
Intersection Number	Intersection Name	749532	749557	749556	749688	749570	748548					748557	748568	748690	748696	748697	748699	748700	748703	748732			748734	748704	763643
		Supply of Flat Sheet Aluminum Sign Panel, Type IX Sheeting (SF)	Removal of Sign on Ground Mount Posts (SF)	Installation of Sign on Ground Mount Posts (SF)	Installation of 4" Dia. Hole, 6" in Depth or Less (EA)	Furnish & Installation of Galvanized Steel Sign Post Only, 12"x2" (EA)	Permanent Pavement Striping, Epoxy Resin Paint, White/Yellow, 5" (LF)	Permanent Pavement Striping, Epoxy Resin Paint, White, 5" (2' Line/6' Gap Dotted Pattern) (LF)	Permanent Pavement Striping, Epoxy Resin Paint, White, 5" (10' Line/30' Gap Broken Pattern) (LF)	Permanent Pavement Striping, Epoxy Resin Paint, Black, 3" (LF)	Permanent Pavement Striping, Epoxy Resin Paint, Black, 9" (LF)	Symbol Tape (SF)	Thermoplastic Transverse Line, 12" - Crosswalks (LF)	Thermoplastic Transverse Line, 16" - Stop Bars (LF)	Left/Right Arrow Thermoplastic (EA)	Combination Arrow Thermoplastic (EA)	Symbol: Preformed Thermoplastic Markings (SF)	Thermoplastic Line, 5" (Solid) (LF)	Thermoplastic Line, 5" (2' Line/6' Gap Dotted Pattern) (LF)	Thermoplastic Line, 5" (10' Line/30' Gap Broken Pattern) (LF)	Thermoplastic Line, 10" (LF)	Removal of Existing Pavement Markings (SF)	MOT (LS)		
1	Brandywine Parkway	95.75	30.50	104.75	1	6	-	-	-	-	-	-	15	-	-	-	-	-	-	-	-	-	-	-	
2	Shipleigh Road	99.44	52.19	99.44	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Grubb Road	26.75	22.25	26.75	1	1	-	-	-	-	-	-	12	-	-	-	-	-	-	-	-	-	-	-	
4	Ebright Road	27.56	22.06	29.06	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5	Mousley Place	33.13	13.50	33.13	1	5	-	-	-	-	-	-	23	1	1	-	50	-	-	-	-	-	-	-	
6	Foull Road	52.44	51.50	51.44	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7	Cedar Tree Drive	31.00	21.13	35.50	-	2	-	-	-	-	-	-	-	-	-	-	40	-	-	-	-	-	-	-	
8	Ballymeade Drive	14.50	9.00	14.50	-	2	-	-	-	-	-	-	12	-	-	-	-	-	-	-	-	-	-	-	
9	Marsh Road	79.56	47.06	79.56	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10	Darley Road	24.38	19.88	24.38	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11	Pin Oak Drive	16.25	10.75	16.25	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12	Merribrook Road	26.88	29.50	38.88	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13	Carpenter Road	30.00	16.75	30.00	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14	Society Drive	54.50	52.25	54.50	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
15	I-95 Southbound Ramp	99.75	49.38	116.13	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
16	I-95 Northbound Ramp	61.00	51.31	85.56	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
17	Tri-State Mall Entrance	32.75	13.50	32.75	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
18	Ridge Road	16.00	3.75	17.50	2	3	-	-	-	-	-	-	-	-	-	-	90	50	-	-	-	-	-	-	
Quantity Total:		822	517	891	23	52	0	0	0	0	0	0	62	1	1	0	180	50	0	0	0	0	0	-	

Official Website Copy

CORRIDOR: SR141 (BASIN ROAD)

SIGNALIZED MEDIAN CROSSOVER LOCATIONS: SR141 (BASIN ROAD)

- 1 SR273 (FRENCHTOWN ROAD)
- 2 STOCKTON DRIVE
- 3 WILLIAM PENN SCHOOL ENTRANCE
- 4 WEST UNIVERSITY AVENUE
- 5 BUNKER HILL ROAD /CRIPPEN DRIVE
- 6 WASHINGTON AVENUE
- 7 JAY DRIVE

SR 141 (CENTRE ROAD)

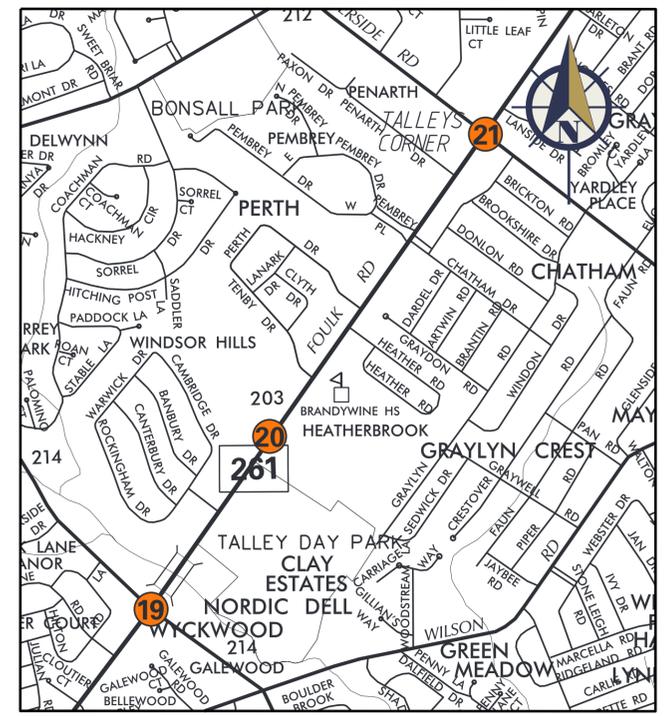
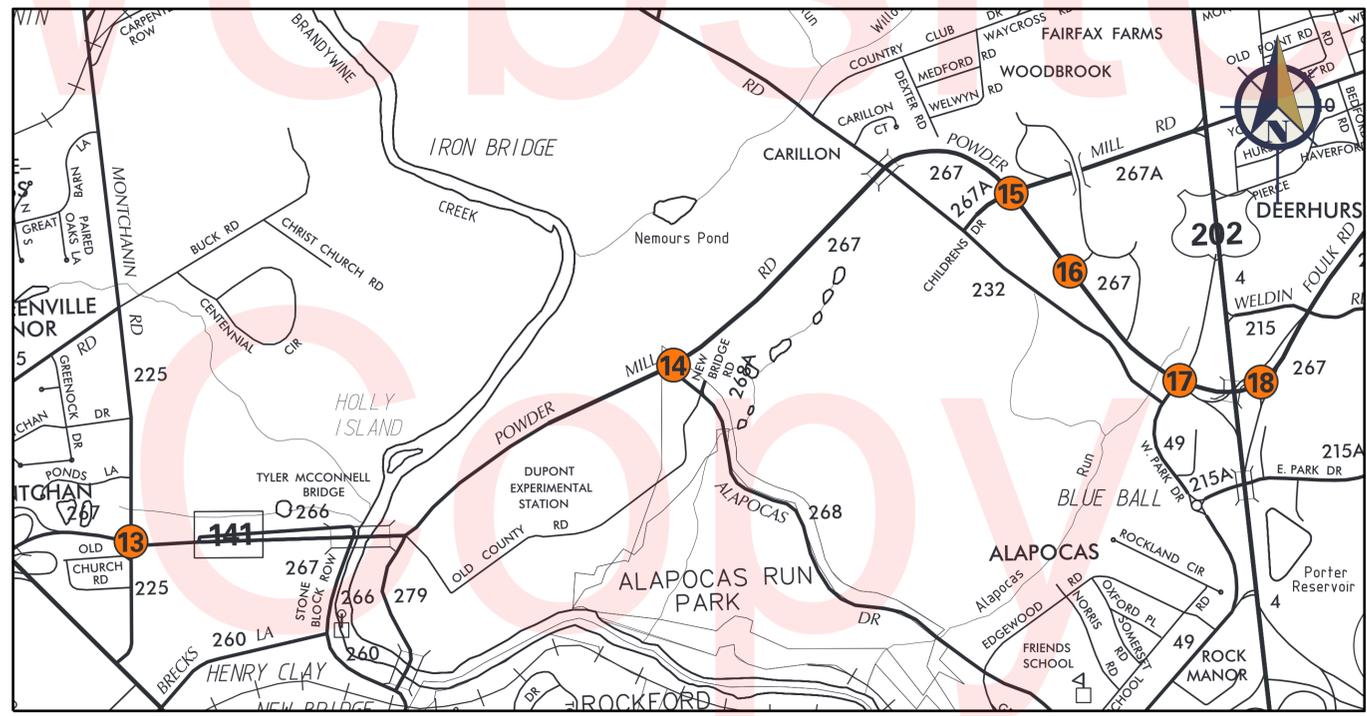
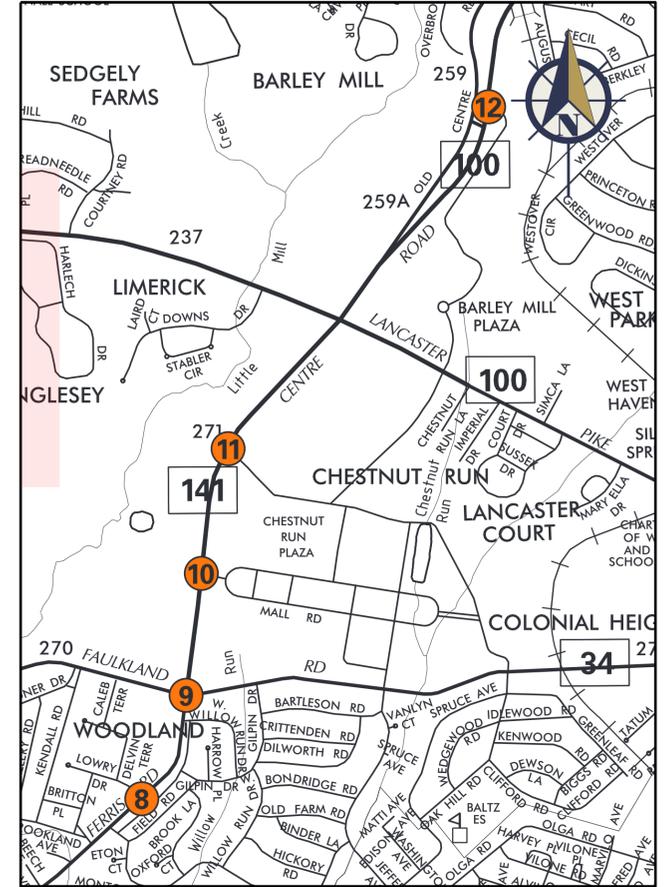
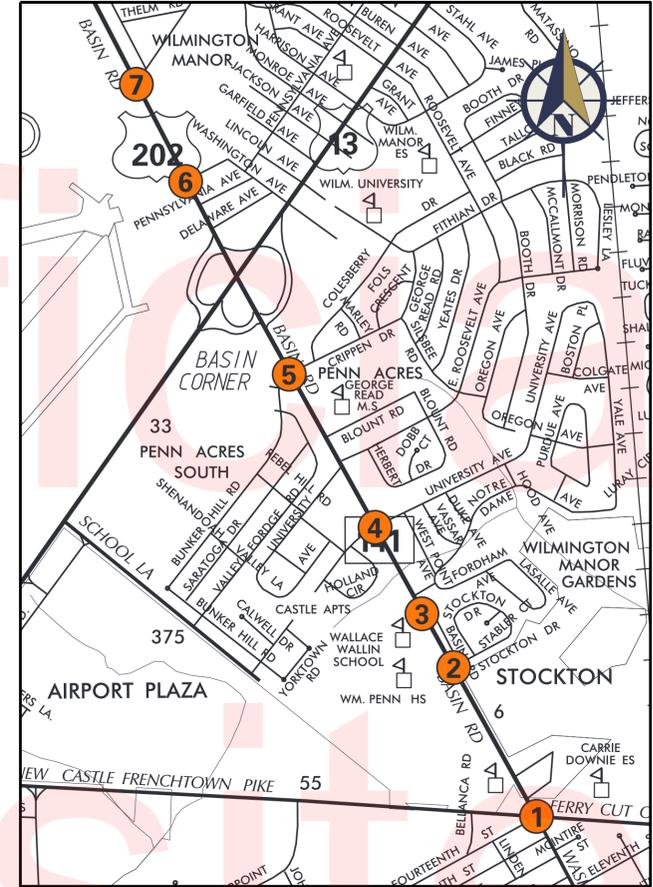
- 8 MONTGOMERY ROAD /LOWRY DRIVE
- 9 FAULKLAND ROAD
- 10 DUPONT ENTRANCE
- 11 CENTRE ROAD
- 12 BARLEY MILL PLAZA

SR 141 (BARLEY MILL ROAD /POWDER MILL ROAD)

- 13 SR100 (MONTCHANIN ROAD)
- 14 ALAPOCAS DRIVE
- 15 CHILDRENS DRIVE
- 16 ASTRA ZENECA ENTRANCE
- 17 WEST PARK DRIVE
- 18 US202 OFF RAMP

SR 261 (FOULK ROAD)

- 19 SHIPLEY ROAD
- 20 BRANDYWINE SCHOOL ENTRANCE
- 21 SILVERSIDE ROAD



PLOTTED BY: KBLAKE DATE: 8/24/2016
 FILE LOCATION: Q:\INDE\120142_000_TRAFFIC_ENGINEERING_V\CADD\1+02\DE 141_01.DGN [SHEET: TITLE SHEET]

ADDENDUMS / REVISIONS

NOT TO SCALE

**SIGNALIZED MEDIAN CROSSOVER
 SIGNING AND PAVEMENT MARKING
 UPGRADES - STATEWIDE**

CONTRACT	PERMIT NO.	N/A
T201508305	DESIGNED BY: JAV	
COUNTY	CHECKED BY: MAW	
NEW CASTLE		

**SR141 (BASIN ROAD)
 INTERSECTION OVERVIEW**

SHEET NO.	266
TOTAL SHTS.	522

INTERSECTION SIGNING RECOMMENDATIONS:

- 1 REMOVE EXISTING UNDERSIZED R1-2 "YIELD" SIGN
- 2 INSTALL R1-2, "YIELD" SIGN (48"x48"x48") AT YIELD POINT AS SHOWN
- 3 8 REPLACE EXISTING R1-2, "YIELD" SIGN (36"x36"x36") WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 4 REMOVE R3-7, "RIGHT LANE MUST TURN RIGHT" SIGN; REPOSITION SIGN ASSEMBLY SO THE HEIGHT FROM THE EDGE OF PAVEMENT TO THE BOTTOM OF THE LOWEST SIGN IS 4 FT MINIMUM
- 5 REPLACE DAMAGED M1-4, "US ROUTE 13" (24"x24") SIGN WITH NEW M1-4, "US ROUTE 13" (24"x24") SIGN
- 6 REMOVE BACK-TO-BACK OM1-3, "OBJECT MARKER" SIGNS
- 7 REPLACE EXISTING UNDERSIZED R10-11, "NO TURN ON RED" SIGN (24"x30"), WITH NEW R10-11, "NO TURN ON RED" SIGN (36"x48"); REPLACE DAMAGED SIGN POST WITH NEW SIGN POST
- 9 RELOCATE EXISTING W3-3, "SIGNAL AHEAD" SIGN LOCATED 1,100 FEET WEST OF THE INTERSECTION TO PROPOSED LOCATION APPROXIMATELY 565 FEET WEST OF THE INTERSECTION; INSTALL W16-8aP, "ADVANCE STREET NAME" PLAQUE (9"x30") WITH UPPER / LOWER CASE TEXT FOR LEFT: BASIN RD, RIGHT: WASHINGTON STREET
- 10 INSTALL R5-1, "DO NOT ENTER" SIGN (36"x36") ON PORK CHOP ISLAND FACING OPPOSING TRAFFIC AS SHOWN
- 11 REPLACE DAMAGED M1-5, "DE ROUTE 141" (24"x24") SIGN WITH NEW M1-5, "DE ROUTE 141" (24"x24") SIGN
- 12 INSTALL R5-1a, "WRONG WAY" SIGN (42"x30") FACING OPPOSING TRAFFIC AS SHOWN
- 13 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN
- 14 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER

INTERSECTION STRIPING RECOMMENDATIONS:

- 1 2 REMOVE 15 FEET OF STOP LINE LOCATED ON THE CHANNELIZED RIGHT-TURN LANE IN FAVOR OF THE EXISTING YIELD CONDITIONS AND SIGNS AT THESE APPROACHES

INTERSECTION 1: SR141 (E BASIN RD) & SR273 (FRENCHTOWN RD)

- SR141 (NORTH LEG): MEDIAN WIDTH OF 6 FEET
- WASHINGTON ST (SOUTH LEG): MEDIAN WIDTH OF 4 FEET
- DELAWARE ST (EAST LEG): NO MEDIAN
- SR273 (WEST LEG): NO MEDIAN



RECOMMENDATIONS 4 & 5



RECOMMENDATION 6



RECOMMENDATION 7



LEGEND:

WHITE: EXISTING CONDITIONS
YELLOW: PROPOSED CONDITIONS

PLOTTED BY: KBLAKE DATE: 8/24/2016 FILE LOCATION: Q:\INDE\120142_000_TRAFFIC_ENGINEERING_V\CADD\1-02\DE 141_01.DGN [SHEET]

INTERSECTION SIGNING RECOMMENDATIONS:

- 1 4 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ADJACENT TO STOP BAR AS SHOWN
- 2 5 INSTALL R5-1, "DO NOT ENTER" SIGN (36"x36") FACING OPPOSING TRAFFIC ADJACENT TO STOP BAR AS SHOWN
- 3 6 INSTALL R5-1a, "WRONG WAY" SIGN (42"x30") FACING OPPOSING TRAFFIC AS SHOWN
- 7 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN
- 8 RENEW EXISTING DAMAGED W21-11-DE, "WATCH CHILDREN" SIGN (30"x30") AND RELOCATE 60 FT NORTH TO EXISTING SIGN POST WITH "SPEED LIMIT 25" SIGN. EXISTING STREET BLADE SIGNS TO REMAIN
- 9 REPLACE EXISTING R3-2 "NO LEFT TURN" SIGN (24"x24") WITH NEW R3-18, "COMBINATION NO U-TURN /NO LEFT TURN" SIGN (36"x36")

INTERSECTION STRIPING RECOMMENDATIONS:

- NONE

INTERSECTION 2: SR141 (E BASIN RD) & STOCKTON DR

- SR141 (NORTH LEG): MEDIAN WIDTH OF 6 FEET
- SR141 (SOUTH LEG): MEDIAN WIDTH OF 18 FEET
- STOCKTON ROAD (EAST LEG): WIDTH OF 7 FEET
- PRIVATE DRIVE (WEST LEG): NO MEDIAN



RECOMMENDATION 8



RECOMMENDATION 9



PLOTTED BY: KBLAKE DATE: 8/24/2016
 FILE LOCATION: Q:\INDE\120142_000_TRAFFIC_ENGINEERING_V\CADD\1+02\DE 141_01.DGN [SHEET:]

ADDENDUMS / REVISIONS	

NOT TO SCALE

**SIGNALIZED MEDIAN CROSSOVER
SIGNING AND PAVEMENT MARKING
UPGRADES - STATEWIDE**

CONTRACT	PERMIT NO.	N400
T201508305	DESIGNED BY: JAV	
COUNTY	CHECKED BY: MAW	
NEW CASTLE		

**SR141 (E BASIN RD)
& STOCKTON DR
IMPROVEMENTS**

SHEET NO.	268
TOTAL SHTS.	522

INTERSECTION SIGNING RECOMMENDATIONS:

- 1 REMOVE EXISTING BACK-TO-BACK OM1-3, "OBJECT MARKER" SIGNS
- 2 5 INSTALL R5-1, "DO NOT ENTER" SIGN (36"x36") ADJACENT TO STOP BAR FACING OPPOSING TRAFFIC AS SHOWN
- 3 6 INSTALL R5-1a, "WRONG WAY" SIGN (42"x30") FACING OPPOSING TRAFFIC AS SHOWN
- 4 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OR TURN LANE TAPER
- 7 REPLACE EXISTING R3-4, "NO U-TURN" SIGN (24"x24") WITH NEW R3-4, "NO U-TURN" SIGN (36"x36"); STRAIGHTEN SIGN POST

INTERSECTION STRIPING RECOMMENDATIONS:

- NONE

INTERSECTION 3: SR141 (E BASIN RD) & WILLIAM PENN ENTRANCE

- SR141 (NORTH LEG): MEDIAN WIDTH OF 18 FEET
- SR141 (SOUTH LEG): MEDIAN WIDTH OF 6 FEET
- WILLIAM PENN ENTRANCE (WEST LEG): NO MEDIAN



RECOMMENDATION 1



RECOMMENDATION 7



INTERSECTION SIGNING RECOMMENDATIONS:

- 1 REMOVE EXISTING OM1-3, "OBJECT MARKER" SIGN (18"x18")
- 2 8 INSTALL R5-1, "DO NOT ENTER" SIGN (36"x36") ADJACENT TO STOP BAR FACING OPPOSING TRAFFIC AS SHOWN
- 3 9 INSTALL R5-1a, "WRONG WAY" SIGN (42"x30") FACING OPPOSING TRAFFIC AS SHOWN
- 4 11 REPLACE EXISTING R1-2, "YIELD" SIGN (36"x36"x36") WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 5 12 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON PORK CHOP ISLAND AS SHOWN
- 6 10 REMOVE EXISTING OM1-3, "OBJECT MARKER" SIGN (18"x18"); STRAIGHTEN SIGN POST
- 7 REPLACE EXISTING R1-2 "YIELD" SIGN (36"x36"x36") WITH NEW R1-2 "YIELD" SIGN (48"x48"x48"); STRAIGHTEN SIGN POST

INTERSECTION STRIPING RECOMMENDATIONS:

- NONE

RECOMMENDATION 1



RECOMMENDATION 10



RECOMMENDATION 4



RECOMMENDATION 11



RECOMMENDATION 7



INTERSECTION 4: SR141 (E BASIN RD) & W UNIVERSITY AVE

- SR141 (NORTH LEG): MEDIAN WIDTH OF 6 FEET
- SR141 (SOUTH LEG): MEDIAN WIDTH OF 6 FEET
- W UNIVERSITY AVE (EAST LEG): NO MEDIAN
- W UNIVERSITY AVE (WEST LEG): MEDIAN WIDTH OF 9 FEET



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 FILE LOCATION: Q:\INDE\120142_000_TRAFFIC_ENGINEERING_V\CADD\1\02\DE 141_01.DGN [SHEET:]

ADDENDUMS / REVISIONS	

NOT TO SCALE

**SIGNALIZED MEDIAN CROSSOVER
SIGNING AND PAVEMENT MARKING
UPGRADES - STATEWIDE**

CONTRACT	PERMIT NO.	N355
T201508305	DESIGNED BY: JAV	
COUNTY	CHECKED BY: MAW	
NEW CASTLE		

**SR141 (E BASIN RD)
& W UNIVERSITY AVE
IMPROVEMENTS**

SHEET NO.	270
TOTAL SHTS.	522

INTERSECTION SIGNING RECOMMENDATIONS:

- 1 REMOVE EXISTING OM1-3, "OBJECT MARKER" SIGN (18"x18")
- 2 9 INSTALL R5-1, "DO NOT ENTER" SIGN (36"x36") ADJACENT TO STOP BAR FACING OPPOSING TRAFFIC AS SHOWN
- 3 10 INSTALL R5-1a, "WRONG WAY" SIGN (42"x30") FACING OPPOSING TRAFFIC AS SHOWN
- 4 11 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 5 13 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") AS SHOWN
- 6 REPLACE EXISTING R1-2 "YIELD" SIGN (36"x36"x36") WITH NEW R1-2 "YIELD" SIGN (48"x48"x48"); STRAIGHTEN SIGN POST
- 7 REMOVE EXISTING OM1-3, "OBJECT MARKER" SIGN (18"x18"); STRAIGHTEN SIGN POST
- 8 INSTALL R1-2, "YIELD" SIGN (48"x48"x48") AT YIELD POINT AS SHOWN
- 12 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN

INTERSECTION STRIPING RECOMMENDATIONS:

- NONE

RECOMMENDATION 1



RECOMMENDATION 6



RECOMMENDATION 7



INTERSECTION 5: SR141 (E BASIN RD) & BUNKER HILL RD /CRIPPEN DR

- SR141 (NORTH LEG): MEDIAN WIDTH OF 6 FEET
- SR141 (SOUTH LEG): MEDIAN WIDTH OF 6 FEET
- CRIPPEN DR (EAST LEG): NO MEDIAN
- BUNKER HILL RD (WEST LEG): MEDIAN WIDTH OF 6 FEET



ADDENDUMS / REVISIONS

NOT TO SCALE

**SIGNALIZED MEDIAN CROSSOVER
SIGNING AND PAVEMENT MARKING
UPGRADES - STATEWIDE**

CONTRACT T201508305	PERMIT NO. N343
COUNTY NEW CASTLE	DESIGNED BY: JAV CHECKED BY: MAW

**SR141 (E BASIN RD)
& BUNKER HILL RD
/CRIPPEN DR
IMPROVEMENTS**

SHEET NO. 271
TOTAL SHTS. 522

INTERSECTION SIGNING RECOMMENDATIONS:

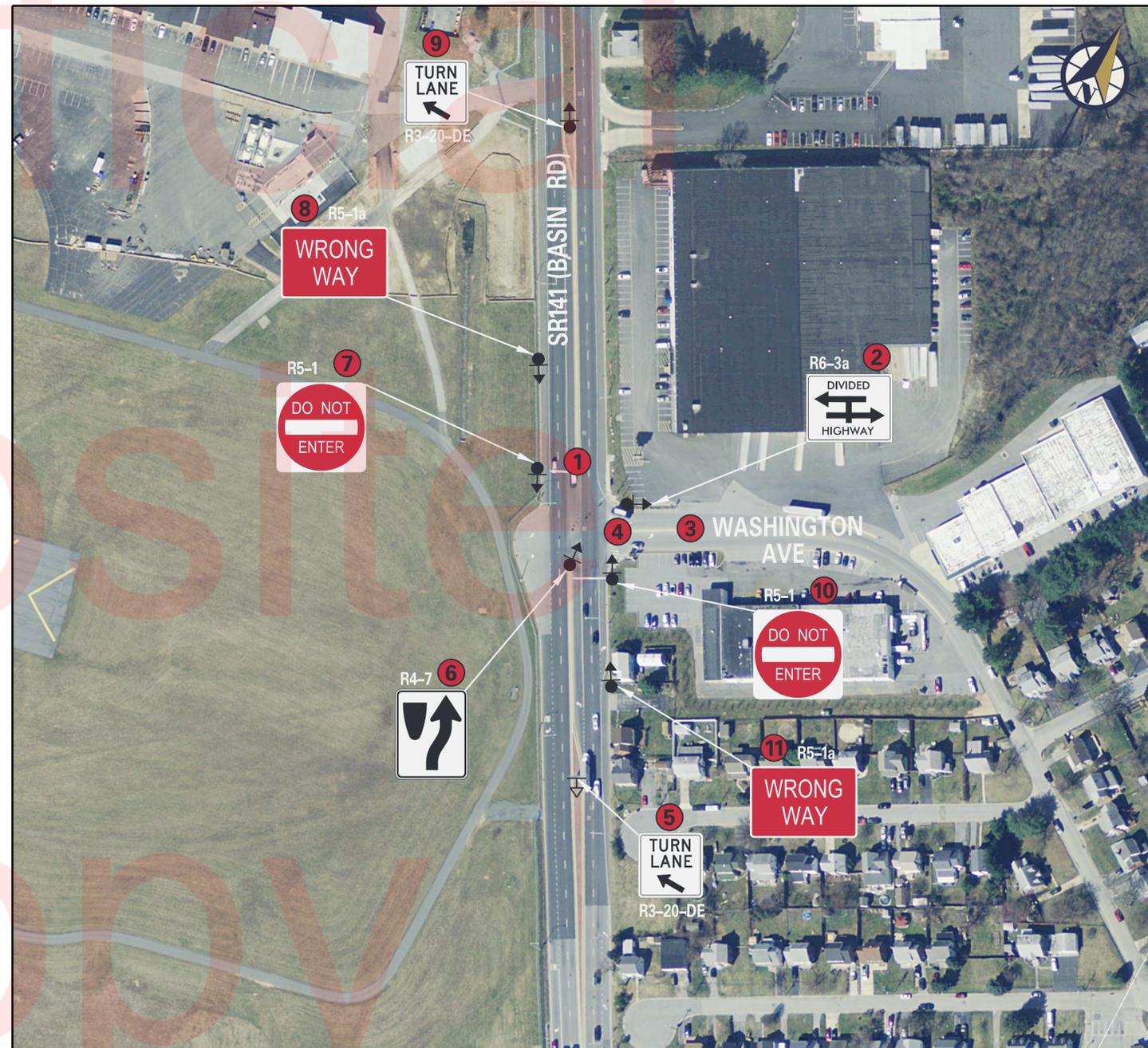
- 1 REMOVE DAMAGED R4-7, "KEEP RIGHT" SIGN (24"x30")
- 2 INSTALL R6-3a, "DIVIDED HIGHWAY - T INTERSECTION" SIGN (30"x24") ADJACENT TO STOP BAR AS SHOWN
- 3 4 REMOVE OM1-3, "OBJECT MARKER" SIGN
- 5 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") BELOW EXISTING DESTINATION SIGN, ON THE RIGHT I-BEAM POST OF THE GROUND MOUNTED SIGN STRUCTURE AT THE BEGINNING OF THE TURN LANE
- 6 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN
- 7 10 INSTALL R5-1, "DO NOT ENTER" SIGN (36"x36") ADJACENT TO STOP BAR FACING OPPOSING TRAFFIC AS SHOWN
- 8 11 INSTALL R5-1a, "WRONG WAY" SIGN (42"x30") FACING OPPOSING TRAFFIC AS SHOWN
- 9 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER

INTERSECTION STRIPING RECOMMENDATIONS:

- NONE

INTERSECTION 6: SR141 (BASIN RD) & WASHINGTON AVE

- SR141 (NORTH LEG): MEDIAN WIDTH OF 6 FEET
- SR141 (SOUTH LEG): MEDIAN WIDTH OF 6 FEET
- WASHINGTON AVE (EAST LEG): MEDIAN WIDTH OF 6 FEET



RECOMMENDATION 1



RECOMMENDATIONS 3 & 4



RECOMMENDATION 5



INTERSECTION SIGNING RECOMMENDATIONS:

- 1 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN
- 2 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 3 INSTALL R6-3a, "DIVIDED HIGHWAY - T INTERSECTION" SIGN (30"x24") ADJACENT TO STOP BAR AS SHOWN
- 4 REPLACE EXISTING R3-4, "NO U-TURN" SIGN (24"x24") WITH NEW R3-4, "NO U-TURN" SIGN (36"x36")
- 5 8 INSTALL R5-1, "DO NOT ENTER" SIGN (36"x36") ADJACENT TO STOP BAR FACING OPPOSING TRAFFIC AS SHOWN
- 6 9 INSTALL R5-1a, "WRONG WAY" SIGN (42"x30") FACING OPPOSING TRAFFIC AS SHOWN
- 7 REMOVE EXISTING "REDUCED SPEED AHEAD" SIGN
- 10 INSTALL W16-8aP, "ADVANCE STREET NAME" PLAQUE (9"x30") FOR "JAY DRIVE" WITH UPPER /LOWER CASE TEXT BELOW EXISTING W3-3

INTERSECTION 7: SR141 (BASIN RD) & JAY DR

- SR141 (NORTH LEG): MEDIAN WIDTH OF 6 FEET
- SR141 (SOUTH LEG): MEDIAN WIDTH OF 18 FEET
- JAY DR (EAST LEG): NO MEDIAN

INTERSECTION STRIPING RECOMMENDATIONS:

- NONE



RECOMMENDATION 4



RECOMMENDATION 7



RECOMMENDATION 10



INTERSECTION SIGNING RECOMMENDATIONS:

- 1 3 8 REMOVE OM1-3, "OBJECT MARKER" SIGN
- 2 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ADJACENT TO STOP BAR AS SHOWN
- 4 10 INSTALL R5-1, "DO NOT ENTER" SIGN (36"x36") ADJACENT TO STOP BAR FACING OPPOSITE TRAFFIC AS SHOWN
- 5 11 INSTALL R5-1a, "WRONG WAY" SIGN (42"x30") FACING OPPOSITE TRAFFIC AS SHOWN
- 6 12 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 7 REPLACE EXISTING R10-11, "NO TURN ON RED" (24"x30") WITH NEW R10-11, "NO TURN ON RED SIGN" (36"x48"); INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") BELOW R10-11
- 9 13 REPLACE EXISTING W16-8P, "ADVANCE STREET NAME" (9"x30") PLAQUE WITH NEW W16-8aP, "ADVANCE STREET NAME" (18"x30") PLAQUE WITH UPPER /LOWER CASE TEXT

INTERSECTION STRIPING RECOMMENDATIONS:

- NONE

INTERSECTION 8: SR141 (CENTRE RD) & MONTGOMERY RD /LOWRY DR

- SR141 (NORTH LEG): MEDIAN WIDTH OF 7 FEET
- SR141 (SOUTH LEG): MEDIAN WIDTH OF 7 FEET
- MONTGOMERY RD (EAST LEG): MEDIAN WIDTH OF 16 FEET
- LOWRY DR (WEST LEG): MEDIAN WIDTH OF 13 FEET

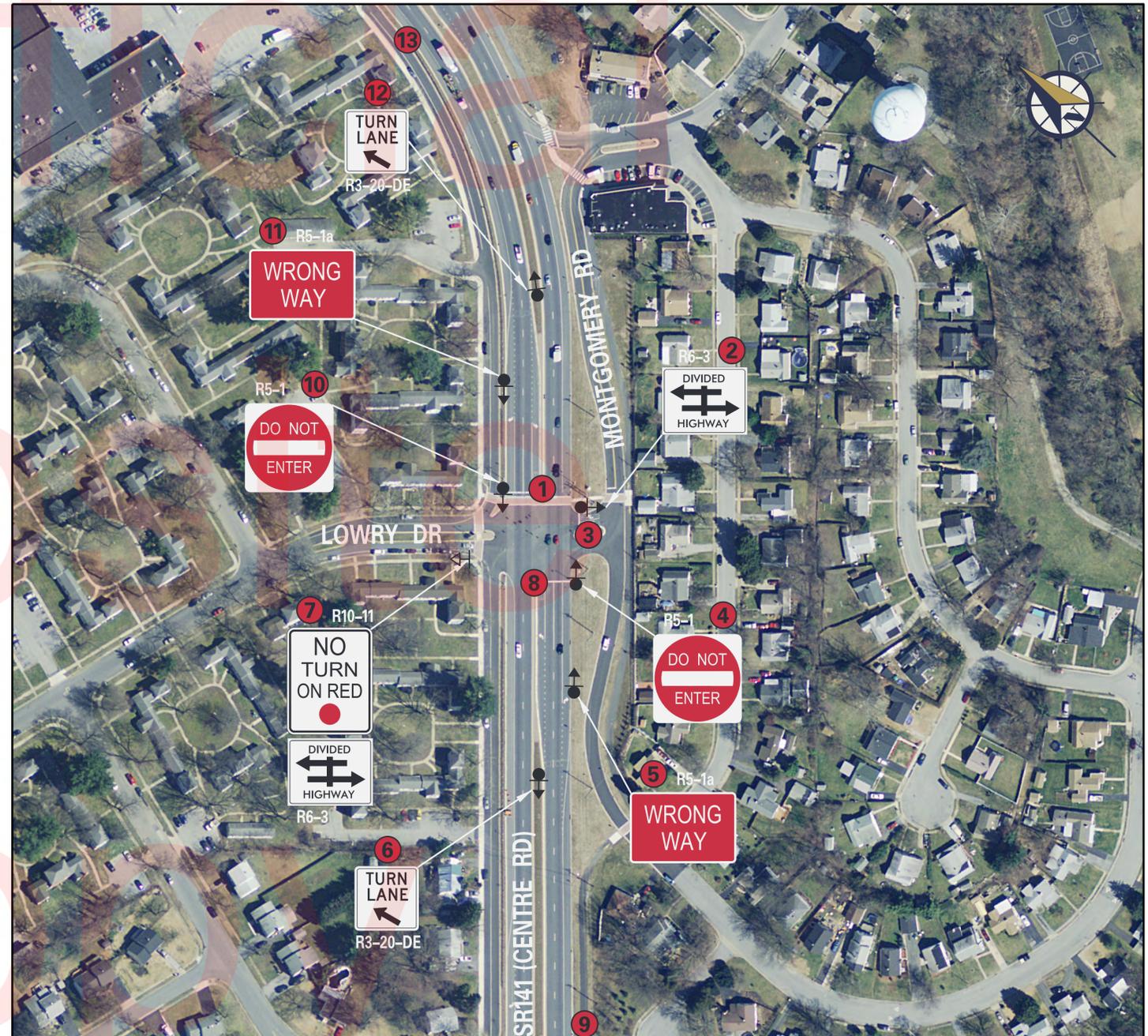
RECOMMENDATIONS 1, 3 & 8



RECOMMENDATION 7



RECOMMENDATIONS 9 & 13



INTERSECTION SIGNING RECOMMENDATIONS:

- 1 5 8 10 REMOVE OM1-3, "OBJECT MARKER" SIGN
- 2 4 9 11 REPLACE EXISTING R1-2, "YIELD" SIGN (36"x36"x36") WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 3 14 REPLACE EXISTING W16-8P, "ADVANCE STREET NAME" (9"x30") PLAQUE WITH NEW W16-8aP, "ADVANCE STREET NAME" (18"x30") PLAQUE WITH UPPER /LOWER CASE TEXT
- 6 12 INSTALL R5-1, "DO NOT ENTER" SIGN (36"x36") ON PORK CHOP ISLAND FACING OPPOSING TRAFFIC AS SHOWN
- 7 13 23 24 INSTALL R5-1a, "WRONG WAY" SIGN (42"x30") FACING OPPOSING TRAFFIC AS SHOWN
- 15 16 INSTALL R6-1L, "ONE WAY" SIGN (12"x36"), R6-1R, "ONE WAY" SIGN (12"x36"), AND R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON PORK CHOP ISLAND AS SHOWN
- 17 18 19 20 INSTALL R3-20-DE, "TURN LANE" SIGNS (18"x18") AT BEGINNING OF TURN LANE TAPER
- 21 22 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON BACK OF PROPOSED R5-1, "DO NOT ENTER" SIGN (SEE RECOMMENDATION 6, 12)

INTERSECTION STRIPING RECOMMENDATIONS:

- NONE

RECOMMENDATIONS 1, 5, 8 & 10



RECOMMENDATIONS 3 & 14

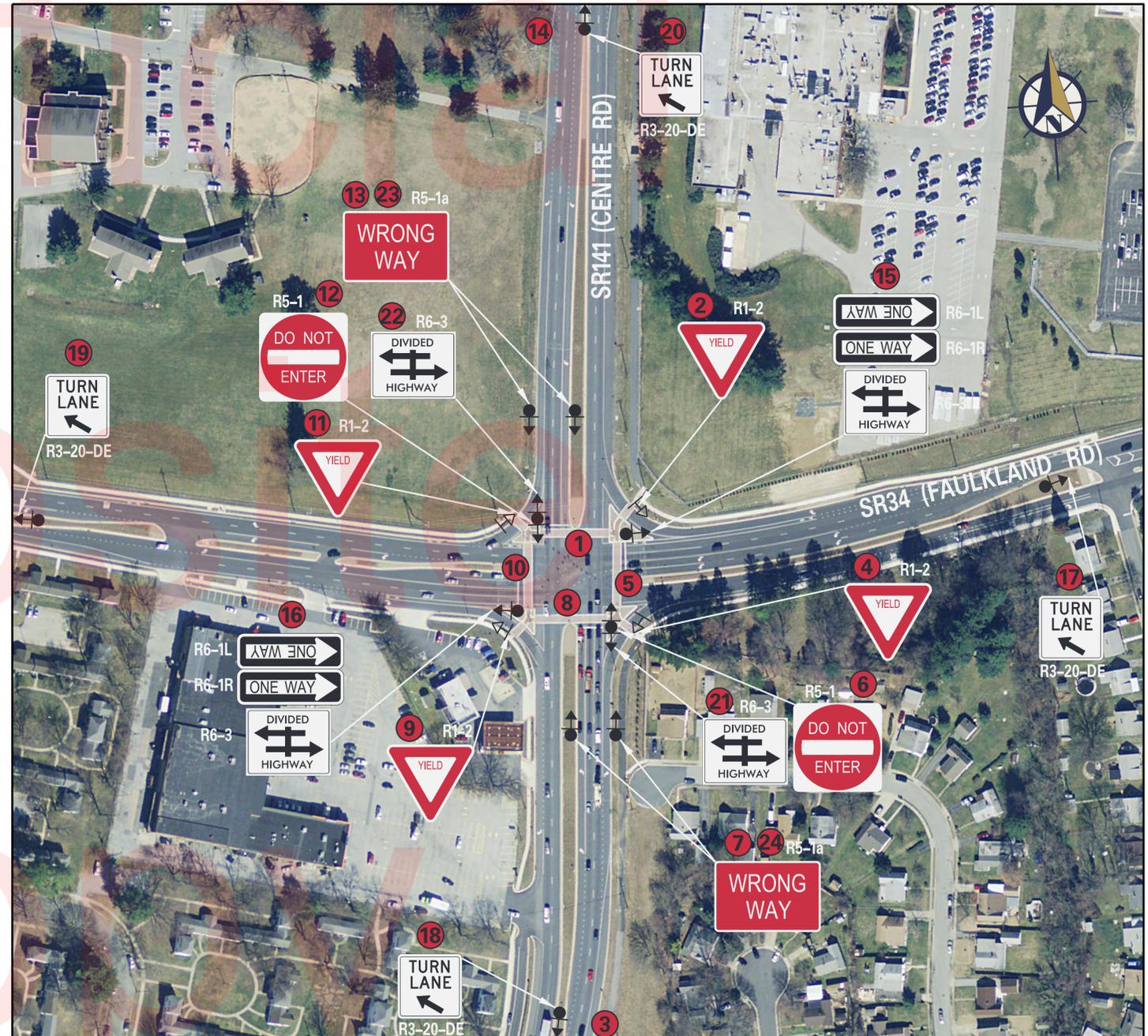


RECOMMENDATIONS 2, 4, 9 & 11



INTERSECTION 9: SR141 (CENTRE RD) & SR34 (FAULKLAND RD)

- SR141 (NORTH LEG): MEDIAN WIDTH OF 16 FEET
- SR141 (SOUTH LEG): MEDIAN WIDTH OF 20 FEET
- SR34 (EAST LEG): MEDIAN WIDTH OF 12 FEET
- SR34 (WEST LEG): MEDIAN WIDTH OF 9 FEET



INTERSECTION SIGNING RECOMMENDATIONS:

- 1 INSTALL R1-2, "YIELD" SIGN (48"x48"x48") AT YIELD POINT AS SHOWN
- 2 7 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") AS SHOWN
- 3 REPLACE UNDERSIZED R1-2, "YIELD" SIGN (36"x36"x36") WITH NEW R1-2, "YIELD" SIGN (48"x48"x48") AND RELOCATE CLOSER TO THE END OF CHANNELIZED TURN LANE AS SHOWN
- 4 REPLACE EXISTING DAMAGED R5-1, "DO NOT ENTER" SIGN (36"x36") WITH NEW R5-1, "DO NOT ENTER" SIGN (36"x36")
- 5 11 INSTALL R5-1a, "WRONG WAY" SIGN (42"x30") FACING OPPOSING TRAFFIC AS SHOWN
- 6 12 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 8 REMOVE OM1-3, "OBJECT MARKER" SIGN
- 9 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN
- 10 INSTALL R5-1, "DO NOT ENTER" SIGN (36"x36") ADJACENT TO STOP BAR FACING OPPOSING TRAFFIC AS SHOWN

INTERSECTION STRIPING RECOMMENDATIONS:

- 1 INSTALL 12 FT OF 16" WIDE SOLID STOP BAR ACROSS THE RIGHT TURN LANE ON THE SOUTHBOUND APPROACH

INTERSECTION 10: SR141 (CENTRE RD) & DUPONT ENTRANCE

- SR141 (NORTH LEG): MEDIAN WIDTH OF 7 FEET
- SR141 (SOUTH LEG): MEDIAN WIDTH OF 7 FEET
- DUPONT ENTRANCE (EAST LEG): NO MEDIAN
- DUPONT ENTRANCE (WEST LEG): NO MEDIAN



RECOMMENDATION 4



RECOMMENDATION 8



RECOMMENDATION 3



LEGEND:

WHITE: EXISTING CONDITIONS
YELLOW: PROPOSED CONDITIONS

INTERSECTION SIGNING RECOMMENDATIONS:

- 1 REMOVE BACK-TO-BACK OM1-3, "OBJECT MARKER" SIGNS
- 2 10 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON PORK CHOP ISLAND AS SHOWN
- 3 8 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 4 6 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN
- 5 13 INSTALL R5-1, "DO NOT ENTER" SIGN (36"x36") FACING OPPOSING TRAFFIC AS SHOWN
- 7 14 INSTALL R5-1a, "WRONG WAY" SIGN (42"x30") FACING OPPOSING TRAFFIC AS SHOWN
- 9 REPLACE EXISTING R1-1, "STOP" SIGN (24"x24") WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 11 REMOVE "NO RIGHT TURN" SIGN AND REINSTALL EXISTING R4-7, "KEEP RIGHT" SIGN (30"x24") AT 7 FEET MINIMUM ABOVE GROUND ON NEW SIGN POST
- 12 REPLACE EXISTING R1-2, "YIELD" SIGN (36"x36"x36") WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 15 REMOVE EXISTING NON-STANDARD "RIGHT TURN KEEP MOVING" SIGN AND INSTALL NEW R1-2, "YIELD" SIGN (48"x48"x48") ON NEW SIGN POST

INTERSECTION STRIPING RECOMMENDATIONS:

- 1 REPLACE FADED 25 FT OF 16" WIDE SOLID STOP BAR ACROSS THE LANES ON THE EASTBOUND APPROACH

RECOMMENDATION 1



RECOMMENDATION 11



RECOMMENDATION 11



RECOMMENDATION 12

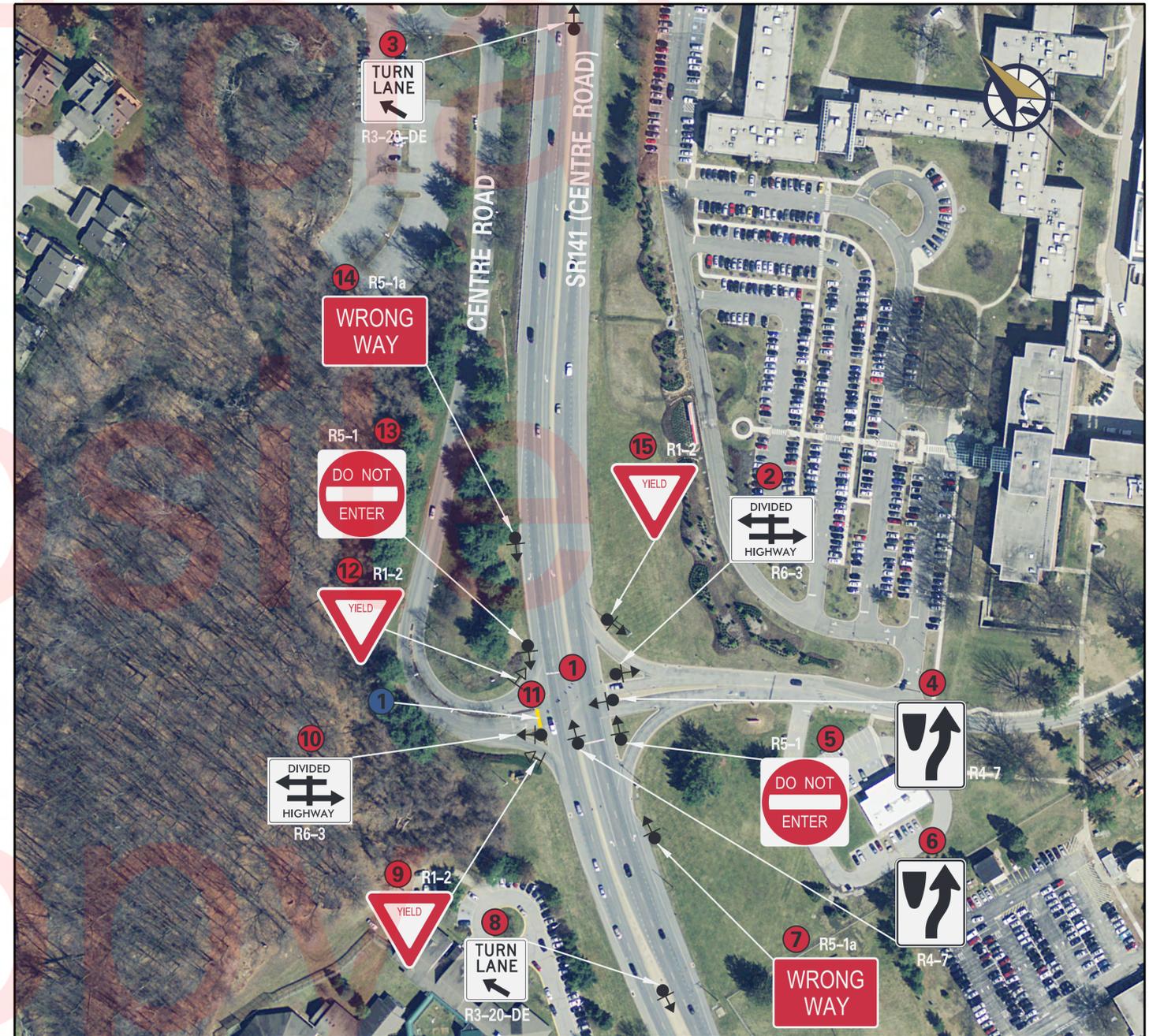


RECOMMENDATION 15



INTERSECTION 11: SR141 (CENTRE ROAD) & CENTRE ROAD

- SR141 (CENTRE ROAD) (NORTH LEG): MEDIAN WIDTH OF 6 FEET
- SR141 (CENTRE ROAD) (SOUTH LEG): MEDIAN WIDTH OF 6 FEET
- CENTRE ROAD (EAST LEG): MEDIAN WIDTH OF 10 FEET
- CENTRE ROAD (WEST LEG): MEDIAN WIDTH OF 5 FEET



LEGEND:

WHITE: EXISTING CONDITIONS
 YELLOW: PROPOSED CONDITIONS

INTERSECTION SIGNING RECOMMENDATIONS:

- 1 STRAIGHTEN SIGN POST
- 2 6 REPLACE EXISTING R1-2, "YIELD" SIGN (36"x36"x36") WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 3 RELOCATE EXISTING SIGN ASSEMBLIES 85 FEET TO THE EAST AS SHOWN AND REPLACE EXISTING M6-1L, "DIRECTIONAL ARROW" SIGN WITH NEW M5-1L, "ADVANCE TURN ARROW" SIGN (24"x15")
- 4 REMOVE NON-STANDARD WORD MESSAGE "KEEP RIGHT" SIGN
- 5 11 REMOVE BACK-TO-BACK OM1-3, "OBJECT MARKER" SIGNS; STRAIGHTEN SIGN POSTS
- 7 14 INSTALL R5-1, "DO NOT ENTER" SIGNS (36"x36") ADJACENT TO STOP BAR FACING OPPOSING TRAFFIC AS SHOWN
- 8 16 INSTALL R5-1a, "WRONG WAY" SIGNS (42"x30") FACING OPPOSING TRAFFIC AS SHOWN
- 9 17 INSTALL R3-20-DE, "TURN LANE" SIGNS (18"x18") AT BEGINNING OF TURN LANE TAPER
- 10 REPLACE EXISTING R1-2, "YIELD" SIGN (36"x36"x36") WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 12 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON BACK OF EXISTING R4-7, "KEEP RIGHT" SIGN FACING WEST, AND REMOVE OM1-3, "OBJECT MARKER" SIGN
- 13 REMOVE OM1-3, "OBJECT MARKER" SIGNS
- 15 REPLACE EXISTING R1-2, "YIELD" SIGN (36"x36"x36") WITH NEW R1-2, "YIELD" SIGN (48"x48"x48"); REPLACE EXISTING "TO TURNING TRAFFIC" PLAQUE WITH NEW R1-2aP-DE1, "TO TURNING TRAFFIC" PLAQUE (24"x18")
- 18 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON PORK CHOP ISLAND FACING EAST AS SHOWN

INTERSECTION STRIPING RECOMMENDATIONS:

- 1 REPLACE FADED 15 FT OF 16" WIDE SOLID STOP BAR ACROSS THE LANE ON THE WESTBOUND APPROACH

RECOMMENDATION 1



RECOMMENDATION 4



RECOMMENDATION 2



RECOMMENDATION 12



RECOMMENDATIONS 3 & 18



RECOMMENDATION 15



INTERSECTION 12: SR141 (CENTRE ROAD) & BARLEY MILL ROAD

- SR141 (CENTRE ROAD) (NORTH LEG): MEDIAN WIDTH OF 14 FEET
- SR141 (CENTRE ROAD) (SOUTH LEG): MEDIAN WIDTH OF 14 FEET
- BARLEY MILL ROAD (EAST LEG): MEDIAN WIDTH OF 4 FEET
- BARLEY MILL ROAD (WEST LEG): MEDIAN WIDTH OF 4 FEET



LEGEND:

- WHITE: EXISTING CONDITIONS
- YELLOW: PROPOSED CONDITIONS

CONTRACT	PERMIT NO.	N021P
T201508305	DESIGNED BY:	JAV
COUNTY	CHECKED BY:	MAW
NEW CASTLE		

INTERSECTION SIGNING RECOMMENDATIONS:

- 1 REPLACE EXISTING OVERHEAD R3-2, "NO LEFT TURN" SIGN (24"x24") WITH NEW R3-2, "NO LEFT TURN" SIGN (36"x36")
- 2 10 INSTALL R5-1, "DO NOT ENTER" SIGN (36"x36") ADJACENT TO STOP BAR FACING OPPOSING TRAFFIC AS SHOWN
- 3 11 INSTALL R5-1a, "WRONG WAY" SIGN (42"x30") FACING OPPOSING TRAFFIC AS SHOWN
- 4 5 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 6 12 REMOVE OM1-3, "OBJECT MARKER" SIGNS
- 7 REPLACE EXISTING R1-2, "YIELD" SIGN (36"x36"x36") WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 8 REPLACE EXISTING R3-2, "NO LEFT TURN" SIGN (24"x24") WITH NEW R3-2, "NO LEFT TURN" SIGN (36"x36")
- 9 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON EXISTING POST ON MEDIAN NOSE AND REPLACE EXISTING R3-2, "NO LEFT TURN" SIGN (24"x24") WITH NEW R3-2, "NO LEFT TURN" SIGN (36"x36") INSTALLED BELOW R4-7
- 13 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON PORK CHOP ISLAND FACING NORTH AS SHOWN

INTERSECTION STRIPING RECOMMENDATIONS:

- NONE

RECOMMENDATION 1



RECOMMENDATIONS 6 & 13



RECOMMENDATION 8

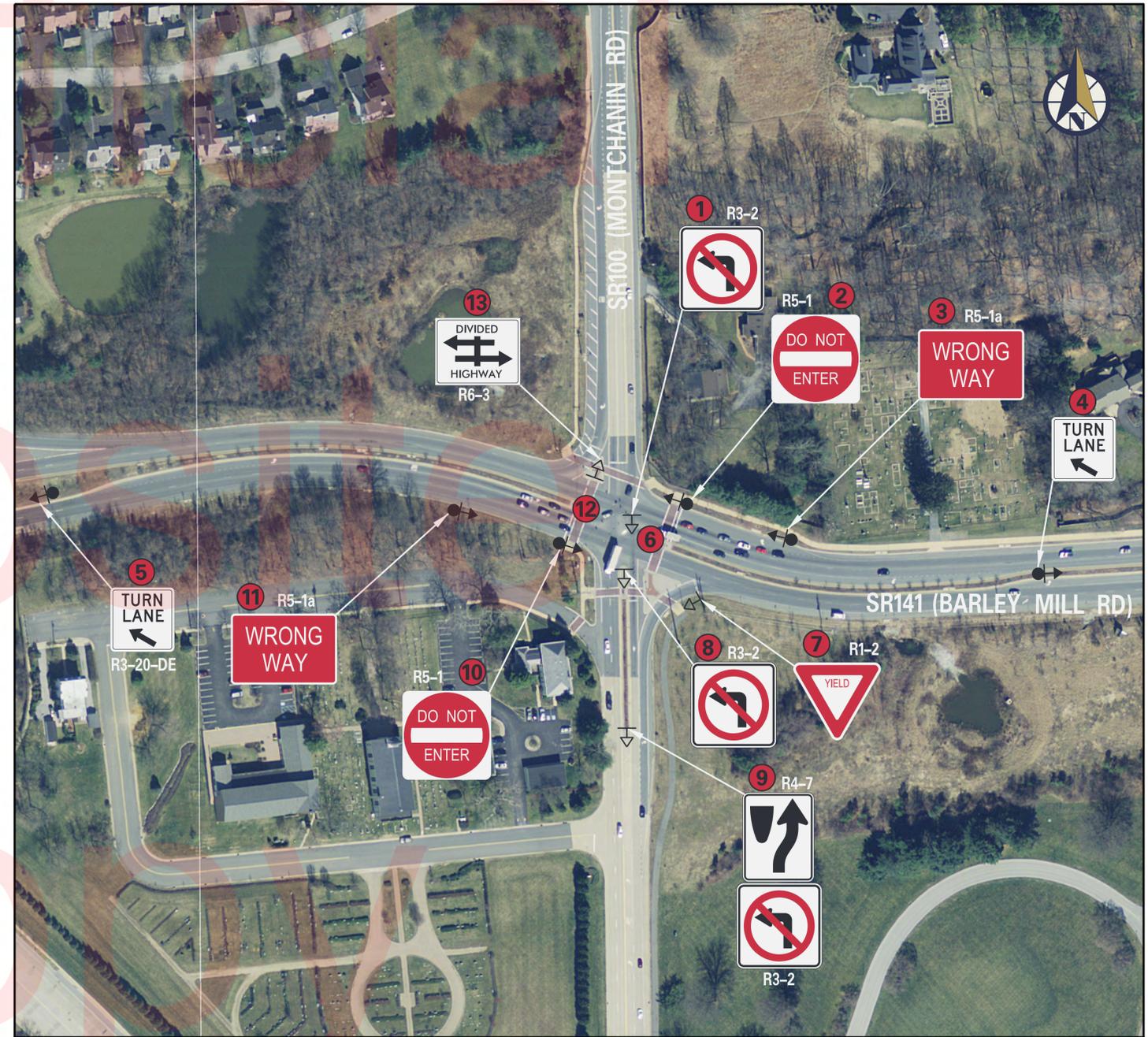


RECOMMENDATION 9



INTERSECTION 13: SR141 (BARLEY MILL ROAD) & SR100 (MONTCHANIN ROAD)

- SR100 (MONTCHANIN ROAD) (NORTH LEG): NO MEDIAN
- SR100 (MONTCHANIN ROAD) (SOUTH LEG): MEDIAN WIDTH OF 13 FEET
- SR141 (BARLEY MILL ROAD) (EAST LEG): MEDIAN WIDTH OF 13 FEET
- SR141 (BARLEY MILL ROAD) (WEST LEG): MEDIAN WIDTH OF 10 FEET



INTERSECTION SIGNING RECOMMENDATIONS:

- 1 REMOVE OM1-3, "OBJECT MARKER" SIGN; STRAIGHTEN SIGN POST
- 2 INSTALL R1-2, "YIELD" SIGN (48"x48"x48") AT YIELD POINT AS SHOWN
- 3 9 REMOVE BACK-TO-BACK OM1-3, "OBJECT MARKER" SIGNS
- 4 REPLACE EXISTING R1-2, "YIELD" SIGN (36"x36"x36") WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 5 10 INSTALL R5-1, "DO NOT ENTER" SIGNS (36"x36") ADJACENT TO STOP BAR FACING OPPOSING TRAFFIC AS SHOWN
- 6 11 INSTALL R5-1a, "WRONG WAY" SIGNS (42"x30") FACING OPPOSING TRAFFIC AS SHOWN
- 7 INSTALL R3-20-DE "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 8 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ADJACENT TO STOP BAR FACING WEST AS SHOWN
- 12 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT THE UPSTREAM END OF THE LEFT TURN LANES TAPER
- 13 INSTALL R3-5L, "LEFT TURN ONLY" SIGN (30"x36") ON EXISTING SIGN POST FACING EAST; EXISTING R6-3a, "DIVIDED HIGHWAY - T INTERSECTION" SIGN TO BE RELOCATED BELOW THE NEW R3-5L SIGN
- 14 REPLACE EXISTING W16-8aP, "ADVANCE STREET NAME" (18"x30") PLAQUE WITH SAME SIGN AND SIZE WITH UPPER /LOWER CASE TEXT; STRAIGHTEN SIGN POST
- 15 RELOCATE EXISTING SIGN ASSEMBLIES 320 FEET TO THE EAST ON TO ALAPOCAS DRIVE, AS SHOWN, AND REPLACE EXISTING M6-1L, "DIRECTIONAL ARROW" SIGN WITH NEW M5-1L, "ADVANCE TURN ARROW" SIGN (24"x15")

INTERSECTION STRIPING RECOMMENDATIONS:

- 1 INSTALL 13 FT OF 16" WIDE SOLID STOP BAR ACROSS THE LANE ON THE EASTBOUND APPROACH

RECOMMENDATION 1



RECOMMENDATION 4



RECOMMENDATION 13



RECOMMENDATION 14

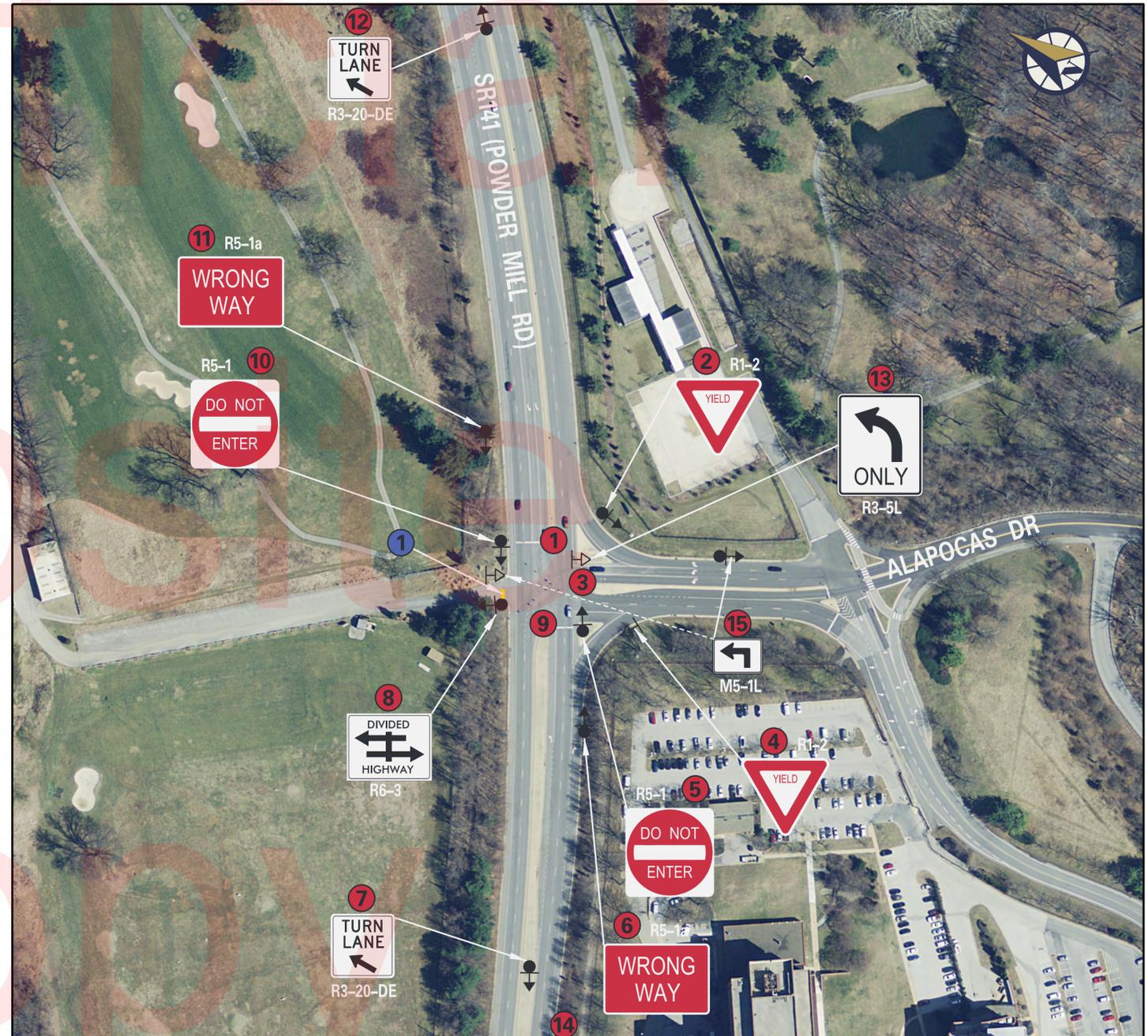


RECOMMENDATION 15



INTERSECTION 14: SR141 (POWDER MILL ROAD) & ALAPOCAS DRIVE

- SR141 (POWDER MILL ROAD) (NORTH LEG): MEDIAN WIDTH OF 8 FEET
- SR141 (POWDER MILL ROAD) (SOUTH LEG): MEDIAN WIDTH OF 16 FEET
- ALAPOCAS DRIVE (EAST LEG): MEDIAN WIDTH OF 16 FEET
- ALAPOCAS DRIVE (WEST LEG): NO MEDIAN



LEGEND:

WHITE: EXISTING CONDITIONS
 YELLOW: PROPOSED CONDITIONS

INTERSECTION SIGNING RECOMMENDATIONS:

- 1 5 10 16 INSTALL R5-1, "DO NOT ENTER" SIGN (36"x36") ON EXISTING POST FACING OPPOSING TRAFFIC AS SHOWN
- 2 11 REMOVE EXISTING W11-2, "PEDESTRIAN CROSSING" SIGN AND W16-7P, "DIAGONAL ARROW" PLAQUE; INSTALL R10-11, "NO TURN ON RED" SIGN (36"x48") SIGN AND R6-3, "DIVIDED HIGHWAY (30"x24") SIGN ON EXISTING POST AS SHOWN
- 3 8 12 INSTALL R5-1a, "WRONG WAY" SIGN (42"x30") FACING OPPOSING TRAFFIC AS SHOWN
- 4 9 19 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 6 REMOVE OM1-3, "OBJECT MARKER" SIGN; STRAIGHTEN SIGN POST
- 7 REMOVE EXISTING W11-2, "PEDESTRIAN CROSSING" SIGN AND W16-7P, "DIAGONAL ARROW" PLAQUE; REMOVE UNDERSIZED R10-11, "NO TURN ON RED" SIGN; INSTALL R10-11, "NO TURN ON RED" (36"x48") SIGN AND R6-3, "DIVIDED HIGHWAY (30"x24") SIGN ON EXISTING POST FACING WEST
- 13 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") ON EXISTING SIGN POST BELOW EXISTING LANE CONTROL SIGN AT BEGINNING OF TURN LANE TAPER
- 14 REPLACE EXISTING DAMAGED W16-8aP, "ADVANCE STREET NAME" PLAQUES (18"x30") WITH SAME SIGNS AND SIZES WITH UPPER /LOWER CASE TEXT
- 15 REPLACE EXISTING UNDERSIZED R3-4, "NO U-TURN" SIGN (24"x24") WITH NEW R3-4, "NO U-TURN" SIGN (36"x36")
- 17 REMOVE EXISTING W11-2, "PEDESTRIAN CROSSING" SIGN AND W16-7P, "DIAGONAL ARROW" PLAQUE; INSTALL R6-3, "DIVIDED HIGHWAY (30"x24") SIGN ON EXISTING POST FACING EAST
- 18 RELOCATE EXISTING ROUTE SIGN ASSEMBLIES 150 FT TO THE EAST AS SHOWN, AND REPLACE EXISTING M6-1L, "DIRECTIONAL ARROW" SIGN WITH NEW M5-1L, "ADVANCE TURN ARROW" SIGN (24"x15"); INSTALL ALL HOSPITAL RELATED SIGNS (BLUE BACKGROUND) ON A NEW POST NEXT TO ROUTE SIGN ASSEMBLIES
- 20 INSTALL R5-1a, "WRONG WAY" SIGN (42"x30") SIGN ON BACK OF RELOCATED ROUTE ASSEMBLY FACING WEST (SEE RECOMMENDATION 18)

INTERSECTION STRIPING RECOMMENDATIONS:

- NONE

RECOMMENDATION 6



RECOMMENDATION 7



RECOMMENDATION 13



RECOMMENDATION 14



RECOMMENDATION 18



INTERSECTION 15: SR141 (POWDER MILL ROAD) & CHILDRENS DRIVE

- SR141 (POWDER MILL ROAD) (NORTH LEG): MEDIAN WIDTH OF 10 FEET
- SR141 (POWDER MILL ROAD) (SOUTH LEG): MEDIAN WIDTH OF 6 FEET
- POWDER MILL ROAD (EAST LEG): MEDIAN WIDTH OF 18 FEET
- CHILDRENS DRIVE (WEST LEG): MEDIAN WIDTH OF 6 FEET



INTERSECTION SIGNING RECOMMENDATIONS:

- 1 REPLACE EXISTING R1-2, "YIELD" SIGN (30"x30"x30") WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 2 5 INSTALL R5-1, "DO NOT ENTER" SIGN (36"x36") ADJACENT TO STOP BAR FACING OPPOSING TRAFFIC AS SHOWN
- 3 6 INSTALL R5-1a, "WRONG WAY" SIGN (42"x30") FACING OPPOSING TRAFFIC AS SHOWN
- 4 REPLACE EXISTING UNDERSIZED R3-4, "NO U-TURN" SIGN (24"x24") WITH NEW R3-4, "NO U-TURN" SIGN (36"x36"); STRAIGHTEN SIGN POST
- 7 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 8 REPLACE EXISTING R1-2, "YIELD" SIGN (36"x36"x36") WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 9 INSTALL R6-1L, "ONE WAY" SIGN (12"x36"), R6-1R, "ONE WAY" SIGN (12"x36"), AND R6-3a, "DIVIDED HIGHWAY - T INTERSECTION" SIGN (30"x24") ON PORK CHOP ISLAND AS SHOWN
- 10 REMOVE OM1-3, "OBJECT MARKER" SIGN
- 11 INSTALL R4-7, "KEEP RIGHT" SIGN (30"x24") ON MEDIAN NOSE AS SHOWN
- 12 13 RELOCATE EXISTING W3-3, "SIGNAL AHEAD" SIGNS 200 FEET TO THE SOUTH AS SHOWN
- 14 15 RELOCATE EXISTING W3-3, "SIGNAL AHEAD" SIGNS 300 FEET TO THE NORTH AS SHOWN

INTERSECTION STRIPING RECOMMENDATIONS:

- NONE

RECOMMENDATION 1



RECOMMENDATION 4



RECOMMENDATION 10



RECOMMENDATIONS 12 & 13



RECOMMENDATIONS 14 & 15



INTERSECTION 16: SR141 (POWDER MILL ROAD) & ASTRA ZENECA ENTRANCE

- SR141 (POWDER MILL ROAD) (NORTH LEG): MEDIAN WIDTH OF 9 FEET
- SR141 (POWDER MILL ROAD) (SOUTH LEG): MEDIAN WIDTH OF 21 FEET
- ASTRA ZENECA ENTRANCE (EAST LEG): MEDIAN WIDTH OF 5 FEET

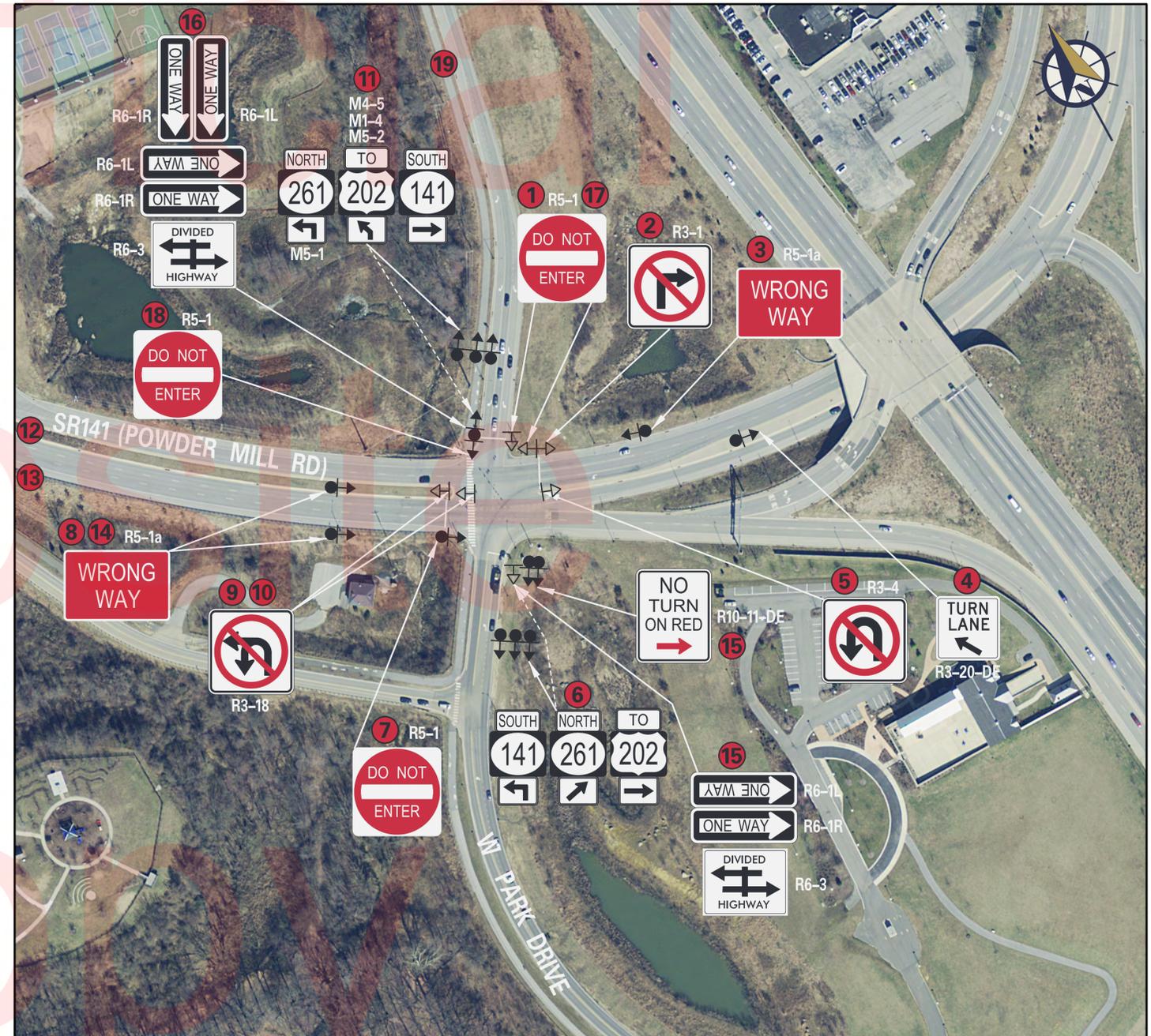


INTERSECTION SIGNING RECOMMENDATIONS:

- 1 REPLACE EXISTING UNDERSIZED R5-1, "DO NOT ENTER" SIGN (30"x30") WITH NEW R5-1, "DO NOT ENTER" SIGN (36"x36")
- 2 REPLACE EXISTING R3-1, "NO RIGHT TURN" SIGN (24"x24") WITH NEW R3-1, "RIGHT TURN" SIGN (36"x36"); REPOSITION SIGNS ON ASSEMBLY SO THE NEW R3-1 SIGN IS INSTALLED ON TOP AND THE HEIGHT FROM THE EDGE OF PAVEMENT TO THE BOTTOM OF THE LOWEST SIGN IS 4 FT MINIMUM; STRAIGHTEN SIGN POST
- 3 8 14 INSTALL R5-1a, "WRONG WAY" SIGN (42"x30") FACING OPPOSING TRAFFIC AS SHOWN
- 4 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 5 REPLACE EXISTING R3-4, "NO U-TURN" SIGN (24"x24") WITH NEW R3-4, "NO U-TURN" SIGN (36"x36"); REMOVE BACK-TO-BACK OM1-3, "OBJECT MARKER" SIGNS
- 6 RELOCATE EXISTING ROUTE ASSEMBLIES 100 FEET TO THE SOUTH ONTO THREE NEW SIGN POSTS AS SHOWN; REMOVE EXISTING UNDERSIZED R10-11, "NO TURN ON RED" SIGN (24"x30")
- 7 INSTALL R5-1, "DO NOT ENTER" SIGN (36"x36") ADJACENT TO STOP BAR FACING OPPOSING TRAFFIC AS SHOWN
- 9 REPLACE EXISTING R3-4, "NO U-TURN" SIGN (24"x24") AND EXISTING R3-2, "NO LEFT TURN" SIGN (24"x24") WITH NEW R3-18, "COMBINATION NO U-TURN /NO LEFT TURN" SIGN (36"x36")
- 10 INSTALL OVERHEAD R3-18, "COMBINATION NO U-TURN /NO LEFT TURN" SIGN (36"x36"); SIGN TO BE INSTALLED ADJACENT TO THE LEFTMOST TRAFFIC SIGNAL HEAD FACING WEST ON THE EASTBOUND APPROACH
- 11 RELOCATE EXISTING ROUTE ASSEMBLIES AND ONE EXISTING POST 100 FEET TO THE NORTH AS SHOWN AND REPLACE EXISTING M6-1, "DIRECTIONAL ARROW" SIGN WITH NEW M5-1, "ADVANCE TURN ARROW" (21"x15") SIGN; INSTALL M4-5, "TO" (24"x12") SIGN, M1-4, "US ROUTE 202" (30"x24") SIGN, AND M5-2, "ADVANCE TURN" ("21"x15") SIGN ON A NEW POST; REMOVE EXISTING UNDERSIZED R5-1, "DO NOT ENTER" (30"x30") SIGN; REMOVE EXISTING R6-1L, "ONE WAY" SIGN (12"x36") AND R6-1R, "ONE WAY" SIGN (12"x36")
- 12 13 REPLACE EXISTING W16-8aP, "ADVANCE STREET NAME" (9"x30") PLAQUE FOR "WEST PARK DRIVE" WITH SAME SIGN AND SIZE WITH UPPER /LOWER CASE TEXT
- 15 INSTALL R6-1L, "ONE WAY" SIGN (12"x36"), R6-1R, "ONE WAY" SIGN (12"x36"), AND R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON EXISTING SIGN POST ADJACENT TO STOP BAR AS SHOWN; INSTALL NEW R10-11-DE, "NO TURN ON RED" SIGN (36"x48") NEXT TO R6-3 ASSEMBLY ON TWO NEW POSTS
- 16 INSTALL BACK TO BACK R6-1L, "ONE WAY" SIGN (12"x36") AND R6-1R, "ONE WAY" SIGN (12"x36"), (R6-1L FACING EAST, R6-1R FACING WEST); REINSTALL EXISTING BACK TO BACK R6-1L, "ONE WAY" SIGN (12"x36") AND R6-1R, "ONE WAY" SIGN (12"x36"), (R6-1L FACING SOUTH, R6-1R FACING NORTH); AND INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") FACING NORTH
- 17 INSTALL R5-1, "DO NOT ENTER" SIGN (36"x36") FACING WEST ON EXISTING SIGN POST BACK-TO-BACK WITH PROPOSED R3-1, "NO RIGHT TURN" SIGN (SEE RECOMMENDATION 2)
- 18 INSTALL R5-1, "DO NOT ENTER" SIGN (36"x36") FACING SOUTH ON BACK OF PROPOSED R6-3, "DIVIDED HIGHWAY" SIGN (SEE RECOMMENDATION 16)
- 19 INSTALL W16-8aP, "ADVANCE STREET NAME" (9"x30") PLAQUE FOR "POWDER MILL ROAD" WITH UPPER /LOWER CASE TEXT BELOW EXISTING W3-3

INTERSECTION 17: SR141 (POWDER MILL ROAD) & W PARK DRIVE

- W PARK DRIVE (NORTH LEG): NO MEDIAN
- W PARK DRIVE (SOUTH LEG): NO MEDIAN
- SR141 (POWDER MILL ROAD) (EAST LEG): MEDIAN WIDTH OF 21 FEET
- SR141 (POWDER MILL ROAD) (WEST LEG): MEDIAN WIDTH OF 8 FEET



INTERSECTION STRIPING RECOMMENDATIONS:

- NONE

RECOMMENDATION 6



RECOMMENDATION 9



RECOMMENDATION 11



INTERSECTION SIGNING RECOMMENDATIONS:

- 1 6 INSTALL R5-1, "DO NOT ENTER" SIGN (36"x36") FACING OPPOSING TRAFFIC AS SHOWN
- 2 7 9 10 INSTALL R5-1a, "WRONG WAY" SIGN (42"x30") FACING OPPOSING TRAFFIC AS SHOWN
- 3 REPLACE EXISTING UNDERSIZED R3-2, "NO LEFT TURN" SIGN (24"x24") WITH NEW R3-18, "COMBINATION NO U-TURN /NO LEFT TURN" SIGN (36"x36")
- 4 INSTALL R6-1L, "ONE WAY" SIGN (12"x36") AND R6-1R, "ONE WAY" SIGN (12"x36") (R6-1L FACING WEST, R6-1R FACING EAST) AND R5-1, "DO NOT ENTER" SIGN (36"x36") FACING NORTH AS SHOWN
- 5 INSTALL R6-3a, "DIVIDED HIGHWAY - T INTERSECTION" SIGN (30"x24") BELOW EXISTING LANE USE CONTROL SIGN FACING SOUTH
- 8 REPLACE EXISTING R3-1, "NO RIGHT TURN" SIGN (24"x24") WITH NEW R3-1, "NO RIGHT TURN" SIGN (36"x36")
- 11 REPLACE EXISTING UNDERSIZED R5-1, "DO NOT ENTER" SIGN (30"x30") WITH NEW R5-1, "DO NOT ENTER" SIGN (36"x36")

INTERSECTION STRIPING RECOMMENDATIONS:

- NONE

INTERSECTION 18: SR141 (FOULK ROAD) & US202 OFF RAMP

- US202 OFF RAMP (SOUTH LEG): NO MEDIAN
- SR141 (FOULK ROAD) (EAST LEG): MEDIAN WIDTH OF 11 FEET
- SR141 (FOULK ROAD) (WEST LEG): MEDIAN WIDTH OF 11 FEET



RECOMMENDATION 3



RECOMMENDATION 5



RECOMMENDATION 8



INTERSECTION SIGNING RECOMMENDATIONS:

- 1 2 6 INSTALL R4-7, "KEEP RIGHT" SIGNS (24"x30") ON MEDIAN NOSE AS SHOWN
- 3 REPLACE DAMAGED R4-7, "KEEP RIGHT" SIGN (24"x30") WITH NEW R4-7, "KEEP RIGHT" SIGN (24"x30")
- 4 REPLACE EXISTING "NO TRUCKS OVER 2 AXLES" SIGN WITH NEW R12-3-DE, "NO TRUCKS OVER 2 AXLES EXCEPT LOCAL SERVICES" SIGN (24"x36"); REPLACE DAMAGED M6-4, "DIRECTIONAL ARROW" SIGN WITH NEW M6-4, "DIRECTIONAL ARROW" SIGN (21"x15")
- 5 REINSTALL LOOSE R7-4-DE, "NO STOPPING STANDING OR PARKING" SIGN (12"x18") ON UTILITY POLE
- 7 RELOCATE EXISTING W3-3, "SIGNAL AHEAD" SIGN (36"x36") AND W16-8P PLAQUE 300 FT TO THE EAST AS SHOWN
- 8 RELOCATE EXISTING W3-3, "SIGNAL AHEAD" SIGN (36"x36") AND W16-8P PLAQUE 300 FT TO THE NORTH AS SHOWN

INTERSECTION STRIPING RECOMMENDATIONS:

- NONE

INTERSECTION 19: SR261 (FOULK ROAD) & SHIPLEY ROAD

- SHIPLEY ROAD (NORTH LEG): NO MEDIAN
- SHIPLEY ROAD (SOUTH LEG): NO MEDIAN
- SR261 (EAST LEG): MEDIAN WIDTH OF 6 FEET
- SR261 (WEST LEG): MEDIAN WIDTH OF 6 FEET

RECOMMENDATION 3



RECOMMENDATION 4



RECOMMENDATION 5



RECOMMENDATION 7



RECOMMENDATION 8



INTERSECTION SIGNING RECOMMENDATIONS:

- 1 INSTALL R1-2, "YIELD" SIGN (48"x48"x48") AT YIELD POINT AS SHOWN
- 2 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 3 4 5 6 INSTALL R4-7, "KEEP RIGHT" SIGNS (24"x30") ON MEDIAN NOSE AS SHOWN
- 7 REPLACE EXISTING R1-2 "YIELD" SIGN (36"x36"x36") WITH NEW R1-2 "YIELD" SIGN (48"x48"x48")

INTERSECTION STRIPING RECOMMENDATIONS:

- NONE

INTERSECTION 20: SR261 (FOULK ROAD) & BRANDYWINE SCHOOL ENTRANCE

- BRANDYWINE SCH ENT (NORTH LEG): MEDIAN WIDTH OF 19 FEET
- BRANDYWINE SCH ENT (SOUTH LEG): NO MEDIAN
- SR261 (EAST LEG): MEDIAN WIDTH OF 6 FEET
- SR261 (WEST LEG): MEDIAN WIDTH OF 6 FEET



RECOMMENDATION 7



INTERSECTION SIGNING RECOMMENDATIONS:

- 1 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 2 6 7 INSTALL R4-7, "KEEP RIGHT" SIGNS (24"x30") ON MEDIAN NOSE AS SHOWN
- 3 4 5 REMOVE EXISTING OM1-3, "OBJECT MARKER" SIGNS (18"x18")

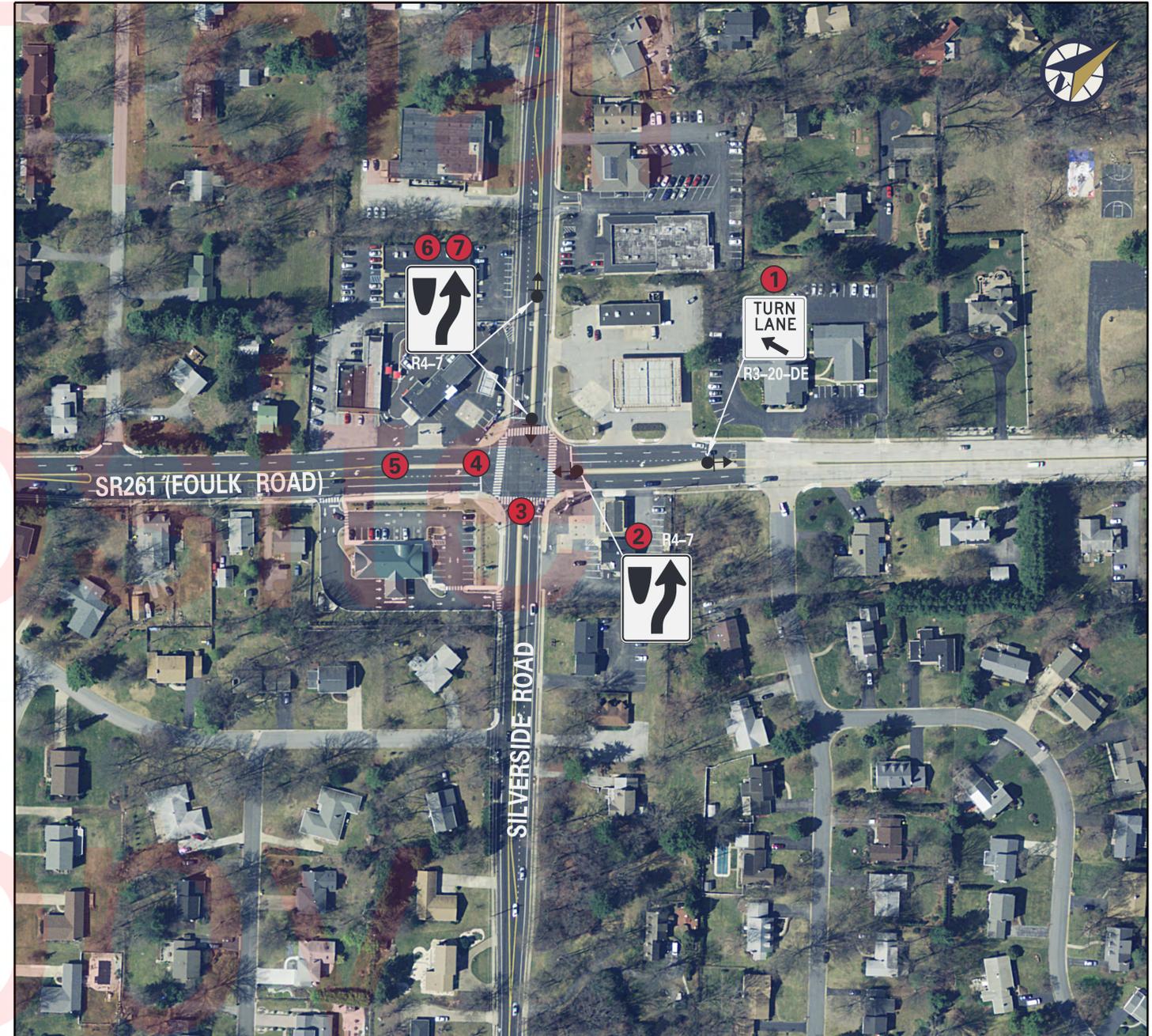
INTERSECTION STRIPING RECOMMENDATIONS:

- NONE

INTERSECTION 21: SR261 (FOULK ROAD) & SILVERSIDE ROAD

- SILVERSIDE ROAD (NORTH LEG): MEDIAN WIDTH OF 5 FEET
- SILVERSIDE ROAD (SOUTH LEG): MEDIAN WIDTH OF 5 FEET
- SR261 (EAST LEG): MEDIAN WIDTH OF 6 FEET
- SR261 (WEST LEG): MEDIAN WIDTH OF 5 FEET

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RECOMMENDATIONS 2, 6 & 7



RECOMMENDATION 4



RECOMMENDATION 5



SR 141/SR 261 Corridor		Signing Items						Striping Items (Concrete)						Striping Items (Hot-Mix)											
Intersection Number	Intersection Name	749532	749555	749554	749557	749556	749688	749570	748548			748557	748568	748690	748696	748697	748699	748700	748703	748732		748734	748704	763643	
		Supply of Flat Sheet Aluminum Sign Panel, Type IX Sheeting (SF)	Removal of Sign on Span Wire or Mast Arm (SF)	Installation of Sign on Span Wire or Mast Arm (SF)	Removal of Sign on Ground Mount Posts (SF)	Installation of Sign on Ground Mount Posts (SF)	Installation of 4" Dia. Hole, 6" in Depth or Less (EA)	Furnish & Installation of Galvanized Steel Sign Post Only, 12'x2" (EA)	Permanent Pavement Striping, Epoxy Resin Paint, White/Yellow, 5" (LF)	Permanent Pavement Striping, Epoxy Resin Paint, White, 5" (2' Line/6' Gap Dotted Pattern) (LF)	Permanent Pavement Striping, Epoxy Resin Paint, White, 5" (10' Line/30' Gap Broken Pattern) (LF)	Permanent Pavement Striping, Epoxy Resin Paint, Black, 3" (LF)	Permanent Pavement Striping, Epoxy Resin Paint, Black, 9" (LF)	Symbol Tape (SF)	Thermoplastic Transverse Line, 12" - Crosswalks (LF)	Thermoplastic Transverse Line, 16" - Stop Bars (LF)	Left/Right Arrow Thermoplastic (EA)	Combination Arrow Thermoplastic (EA)	Symbol: Preformed Thermoplastic Markings (SF)	Thermoplastic Line, 5" (Solid) (LF)	Thermoplastic Line, 5" (2' Line/6' Gap Dotted Pattern) (LF)	Thermoplastic Line, 5" (10' Line/30' Gap Broken Pattern) (LF)	Thermoplastic Line, 10" (LF)	Removal of Existing Pavement Markings (SF)	MOT (LS)
1	SR 273 (Frenchtown Road)	70.88	-	-	76.82	110.45	4	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	-
2	Stockton Drive	65.75	-	-	10.25	65.75	1	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	William Penn School Entrance	46.75	-	-	8.50	46.75	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	West University Avenue	69.50	-	-	20.25	69.50	4	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Bunker Hill Road/Crippen Drive	71.00	-	-	9.00	71.00	4	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Washington Avenue	50.00	-	-	9.50	50.00	1	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Jay Drive	58.63	-	-	9.00	58.63	1	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Montgomery Road/Lowry Drive	69.50	-	-	15.50	69.50	-	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Faulkland Road	129.75	-	-	30.75	129.75	5	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	DuPont Entrance	71.00	-	-	15.75	71.00	4	10	-	-	-	-	-	-	-	12	-	-	-	-	-	-	-	-	-
11	Centre Road	84.00	-	-	28.00	89.00	4	12	-	-	-	-	-	-	-	25	-	-	-	-	-	-	-	-	-
12	Barley Mill Plaza	87.50	-	-	69.81	115.88	3	7	-	-	-	-	20	-	-	-	-	-	-	-	-	-	-	-	-
13	SR 100 (Montchanin Road)	85.00	4.00	9.00	17.00	76.00	1	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Alapocas Drive	74.75	-	-	43.06	96.13	3	9	-	-	-	-	-	-	-	13	-	-	-	-	-	-	-	-	-
15	Childrens Drive	155.00	-	-	82.06	183.13	1	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Astra Zeneca Entrance	78.75	-	-	49.88	114.75	3	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	West Park Drive	151.50	-	9.00	97.69	192.25	1	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	US 202 Off Ramp	100.00	-	-	14.25	100.00	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	SR 261 (Foulk Road) & Shipley Road	28.19	-	-	32.69	47.69	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	SR 261 (Foulk Road) & Brandywine School Entrance	38.25	-	-	4.50	38.25	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	SR 261 (Foulk Road) & Silverside Road	17.25	-	-	6.75	17.25	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Quantity Total:		1603	4	18	652	1813	53	166	0	0	0	0	0	20	0	50	0	0	0	0	0	0	0	40	-

Website
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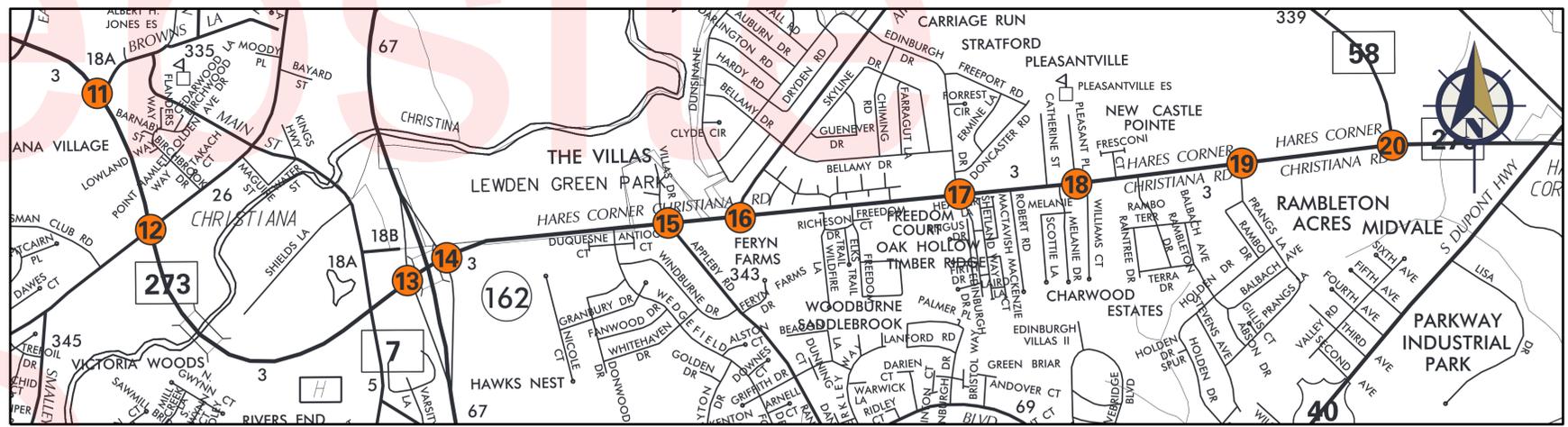
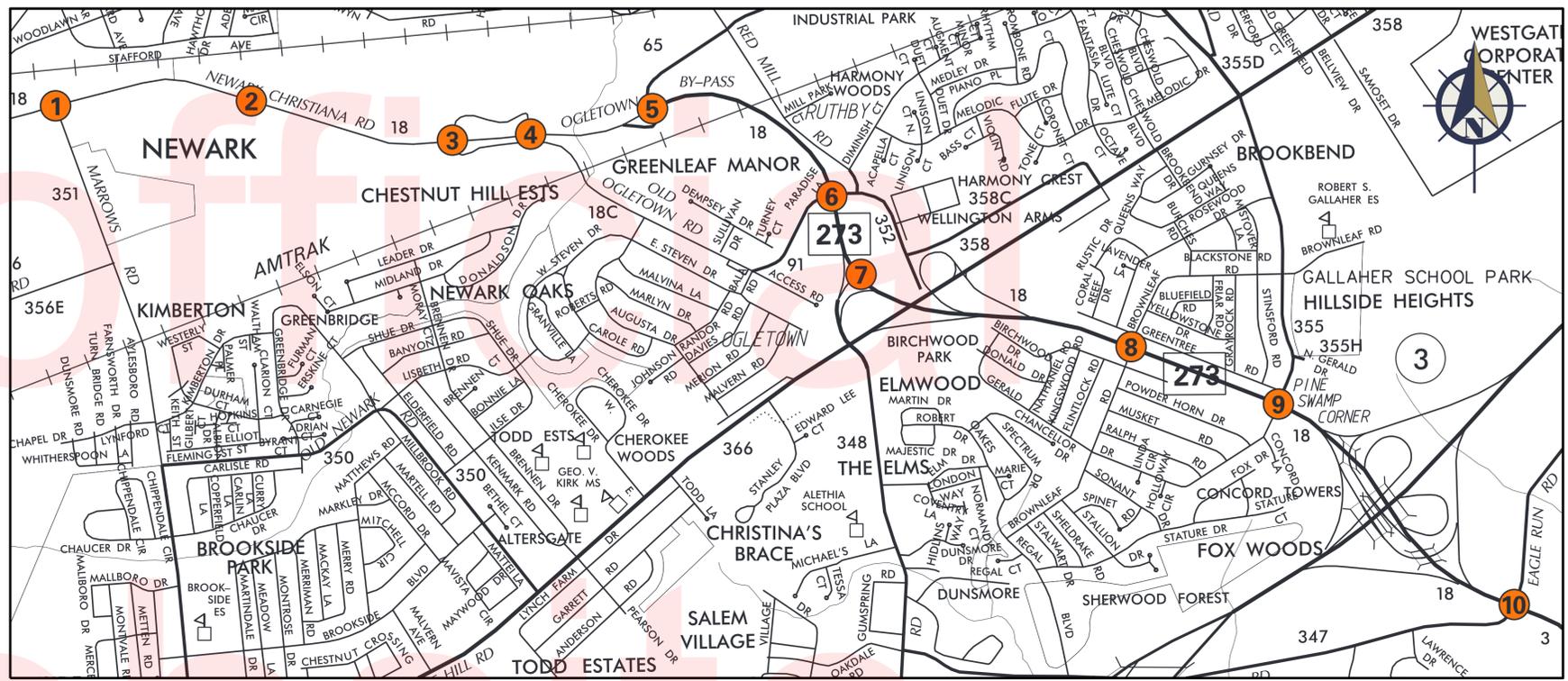
CORRIDOR: SR273 (OGLETOWN ROAD)

SIGNALIZED MEDIAN CROSSOVER LOCATIONS: SR273 (OGLETOWN ROAD)

- 1 MARROWS ROAD
- 2 STAFFORD WAY
- 3 WESTVACO ENTRANCE
- 4 AVON ENTRANCE
- 5 RUTHAR DRIVE
- 6 RED MILL ROAD /OGLETOWN ROAD
- 7 SALEM CHURCH ROAD
- 8 BROWNLEAF ROAD
- 9 HARMONY ROAD /GERALD DRIVE
- 10 EAGLE RUN ROAD /CHAPMAN ROAD

SIGNALIZED MEDIAN CROSSOVER LOCATIONS: (CHRISTIANA ROAD)

- 11 BROWNS LANE
- 12 OLD BALTIMORE PIKE
- 13 SR1 SB RAMP
- 14 SR1 NB RAMP
- 15 APPLEBY ROAD /VILLAS DRIVE
- 16 AIRPORT ROAD
- 17 EDINBURGH DRIVE
- 18 PLEASANT PLACE /SCOTTIE LANE
- 19 PRANGS LANE
- 20 CHURCHMANS ROAD /NEW CHURCHMANS ROAD



DATE: 8/24/2016
 PLOTTED BY: KBLAKE
 FILE LOCATION: Q:\INDE\120142_000_TRAFFIC_ENGINEERING_V\CADD\1+02\DE 273_01.DGN [SHEET: TITLE SHEET]

ADDENDUMS / REVISIONS	

NOT TO SCALE

SIGNALIZED MEDIAN CROSSOVER SIGNING AND PAVEMENT MARKING UPGRADES - STATEWIDE

CONTRACT	PERMIT NO.	N/A
T201508305	DESIGNED BY: JAV	
COUNTY	CHECKED BY: MAW	
NEW CASTLE		

SR273 (OGLETOWN ROAD) INTERSECTION OVERVIEW

SHEET NO.	289
TOTAL SHTS.	522

INTERSECTION SIGNING RECOMMENDATIONS:

- 1 2 REMOVE EXISTING OM1-3, "OBJECT MARKER" SIGN (18"x18")
- 3 RELOCATE EXISTING W3-3, "SIGNAL AHEAD" SIGN 350 FEET TO THE SOUTH AS SHOWN INSTALL W16-8aP, "ADVANCE STREET NAME" PLAQUE (9"x30") WITH UPPER /LOWER CASE TEXT (OGLETOWN ROAD)

INTERSECTION STRIPING RECOMMENDATIONS:

- 1 RESTRIPE FADED 17 FT OF 16" WIDE SOLID STOP BAR ACROSS THE LANE ON THE SOUTHBOUND APPROACH

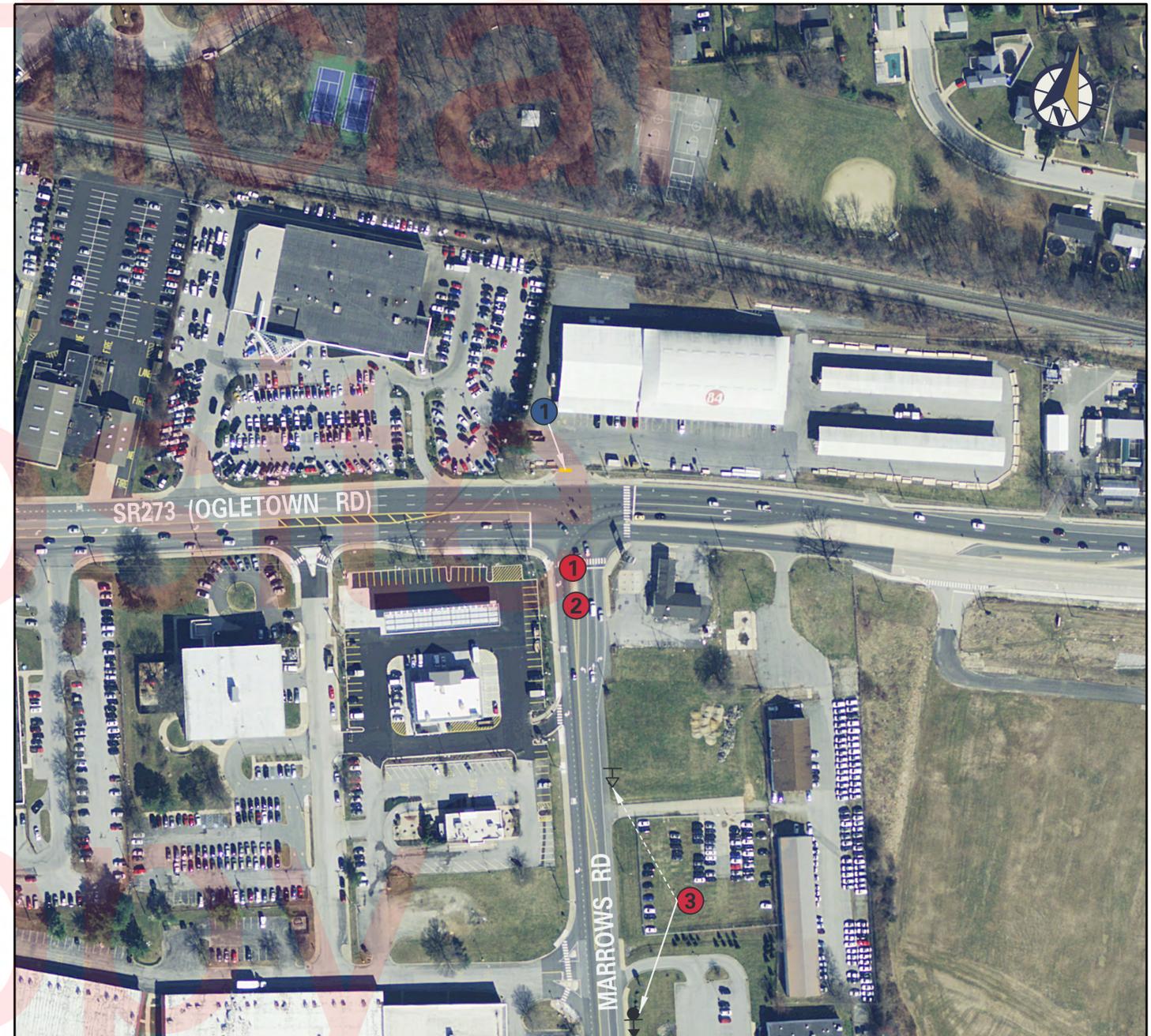
INTERSECTION 1: SR273 (OGLETOWN ROAD) & MARROWS ROAD

- SITE ACCESS (NORTH LEG): NO MEDIAN
- MARROWS RD (SOUTH LEG): MEDIAN WIDTH OF 8 FEET
- SR273 (EAST LEG): MEDIAN WIDTH OF 6 FEET
- SR273 (WEST LEG): NO MEDIAN

RECOMMENDATION 3



RECOMMENDATION 5



LEGEND:

WHITE: EXISTING CONDITIONS
 YELLOW: PROPOSED CONDITIONS

INTERSECTION SIGNING RECOMMENDATIONS:

*INSTALLED AS PART OF P&R CONTRACT T201606107

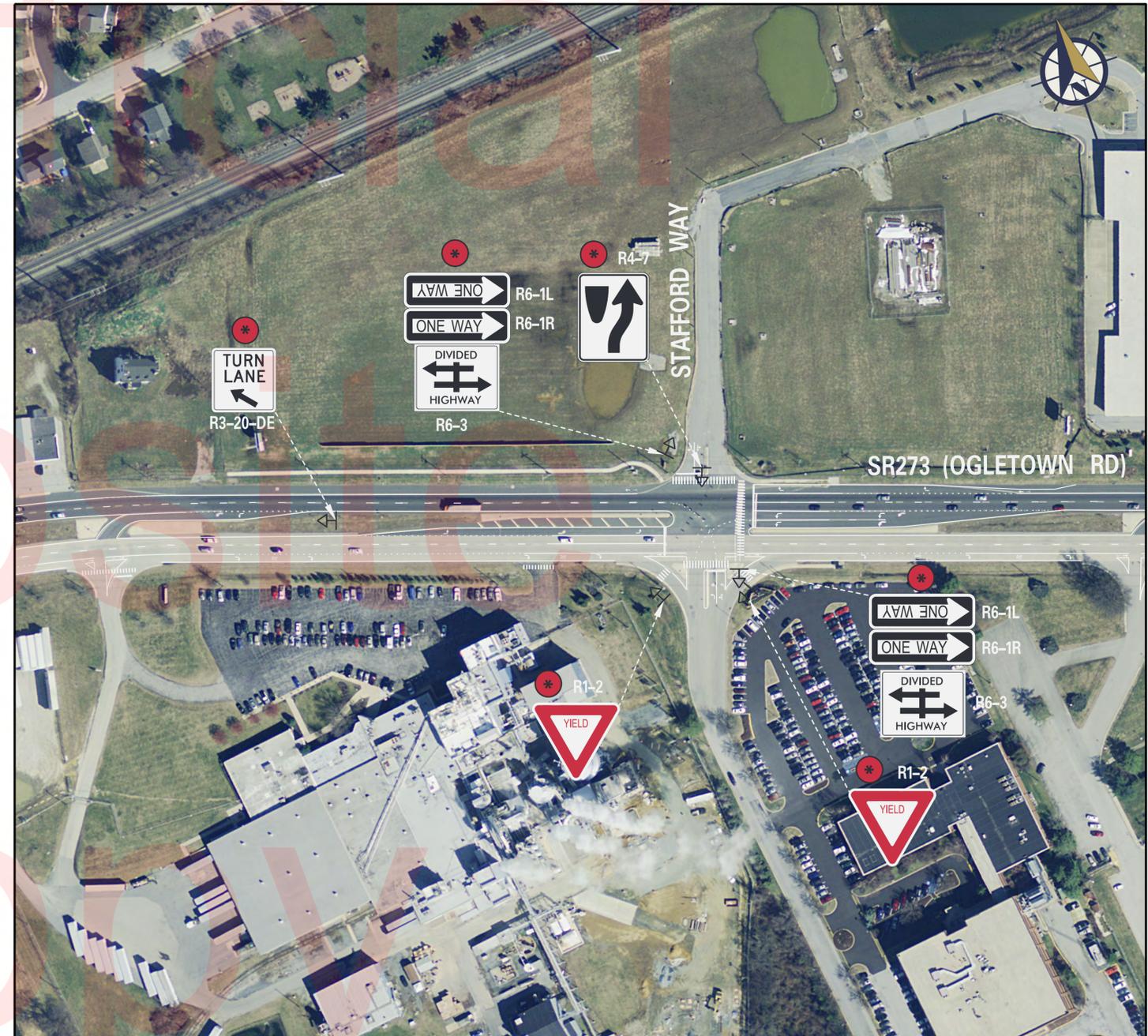
INTERSECTION STRIPING RECOMMENDATIONS:

-NONE

INTERSECTION 2: SR273 (OGLETOWN ROAD) & STAFFORD WAY

- STAFFORD WAY (NORTH LEG): MEDIAN WIDTH OF 6 FEET
- STAFFORD WAY (SOUTH LEG): MEDIAN WIDTH OF 6 FEET
- SR273 (EAST LEG): MEDIAN WIDTH OF 10 FEET
- SR273 (WEST LEG): MEDIAN WIDTH OF 22 FEET

Unofficial
Web Copy



INTERSECTION SIGNING RECOMMENDATIONS:

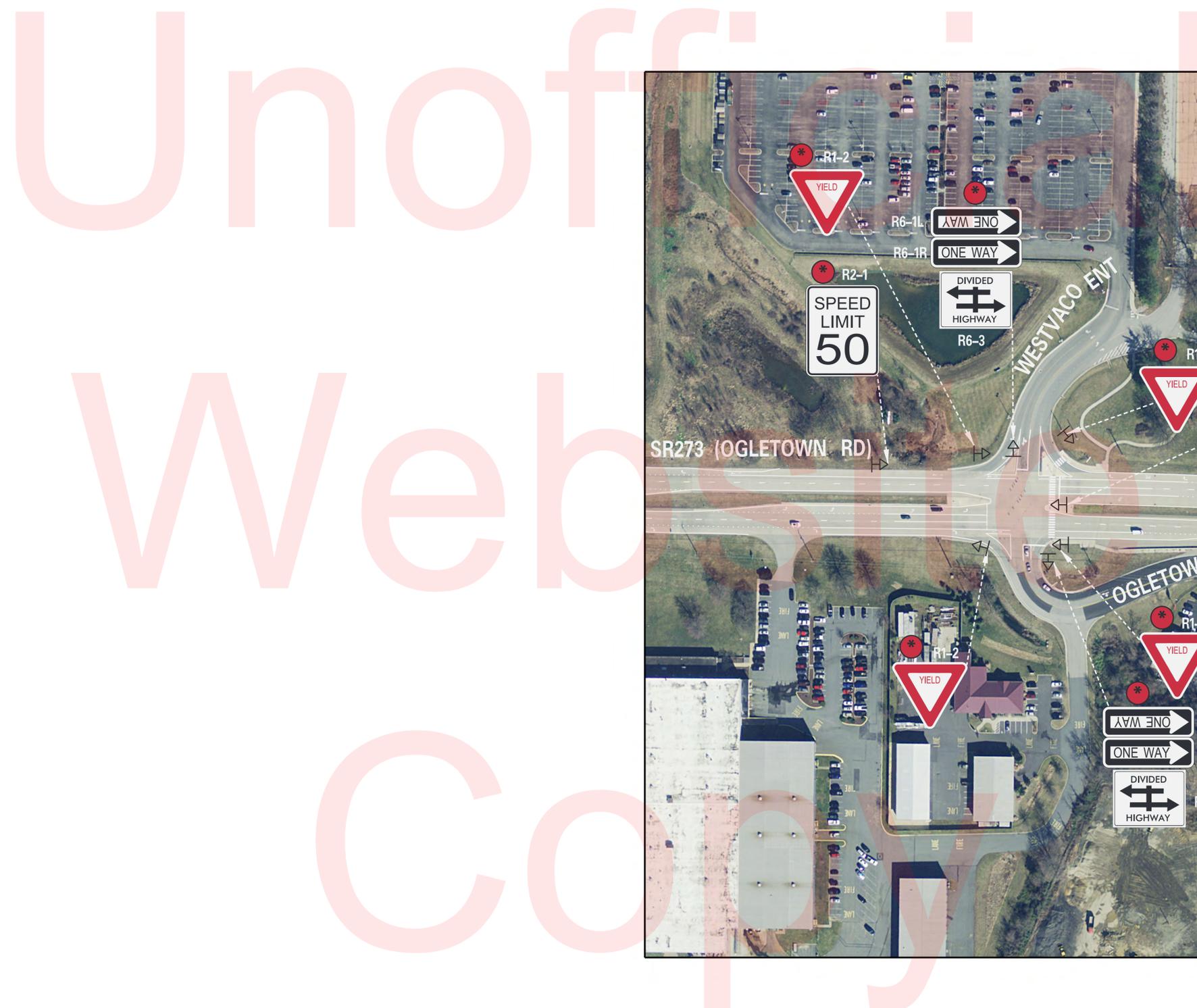
*INSTALLED AS PART OF P&R CONTRACT T201606107

INTERSECTION STRIPING RECOMMENDATIONS:

-NONE

INTERSECTION 3: SR273 (OGLETOWN ROAD) & WESTVACO ENT /OGLETOWN RD

- WESTVACO ENTRANCE (NORTH LEG): NO MEDIAN
- OGLETOWN ROAD (SOUTH LEG): NO MEDIAN
- SR273 (EAST LEG): MEDIAN WIDTH OF 22 FEET
- SR273 (WEST LEG): MEDIAN WIDTH OF 23 FEET



PLOTTED BY: KBLAKE DATE: 8/24/2016 FILE LOCATION: Q:\INDE\120142_000_TRAFFIC_ENGINEERING\CADD\1+02\DE 273_01.DGN [SHEET: 1]


DELAWARE
 DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS	

NOT TO SCALE

**SIGNALIZED MEDIAN CROSSOVER
SIGNING AND PAVEMENT MARKING
UPGRADES - STATEWIDE**

CONTRACT T201508305	PERMIT NO. N587
COUNTY NEW CASTLE	DESIGNED BY: JAV
	CHECKED BY: MAW

**SR273 (OGLETOWN RD)
& WESTVACO ENTRANCE
/OGLETOWN ROAD
IMPROVEMENTS**

SHEET NO. 292
TOTAL SHTS. 522

INTERSECTION SIGNING RECOMMENDATIONS:

*INSTALLED AS PART OF P&R CONTRACT T201606107

INTERSECTION STRIPING RECOMMENDATIONS:

-NONE

INTERSECTION 4: SR273 (OGLETOWN ROAD) & AVON ENTRANCE

- AVON ENTRANCE (NORTH LEG): MEDIAN WIDTH OF 16 FEET
- SR273 (EAST LEG): MEDIAN WIDTH OF 35 FEET
- SR273 (WEST LEG): MEDIAN WIDTH OF 12 FEET



PLOTTED BY: KBLAKE DATE: 8/24/2016
 FILE LOCATION: Q:\INDE\120142_000_TRAFFIC_ENGINEERING_CADD\102\DE 273_01.DGN [SHEET: 1]

ADDENDUMS / REVISIONS	

NOT TO SCALE

**SIGNALIZED MEDIAN CROSSOVER
SIGNING AND PAVEMENT MARKING
UPGRADES - STATEWIDE**

CONTRACT	PERMIT NO.	N588
T201508305	DESIGNED BY: JAV	
COUNTY	CHECKED BY: MAW	
NEW CASTLE		

**SR273 (OGLETOWN RD)
& AVON ENTRANCE
IMPROVEMENTS**

SHEET NO.	293
TOTAL SHTS.	522

INTERSECTION SIGNING RECOMMENDATIONS:

- 1 REPLACE EXISTING UNDERSIZED R3-4, "NO U-TURN" SIGN (30"x30") WITH NEW R3-4, "NO U-TURN" SIGN (36"x36") AND REMOVE EXISTING OM1-3, "OBJECT MARKER" SIGN (18"x18")
- 2 INSTALL W16-8aP, "ADVANCE STREET NAME" (9"x30") PLAQUE WITH UPPER LOWER CASE TEXT BELOW EXISTING W3-3 "SIGNAL AHEAD" SIGN (OGLETOWN ROAD)
- 3 REMOVE EXISTING M3-4, "WEST" SIGN, M1-5, "STATE ROUTE 273" SIGN, AND M6-2, "DIRECTIONAL ARROW" SIGN FROM LIGHTING POLE

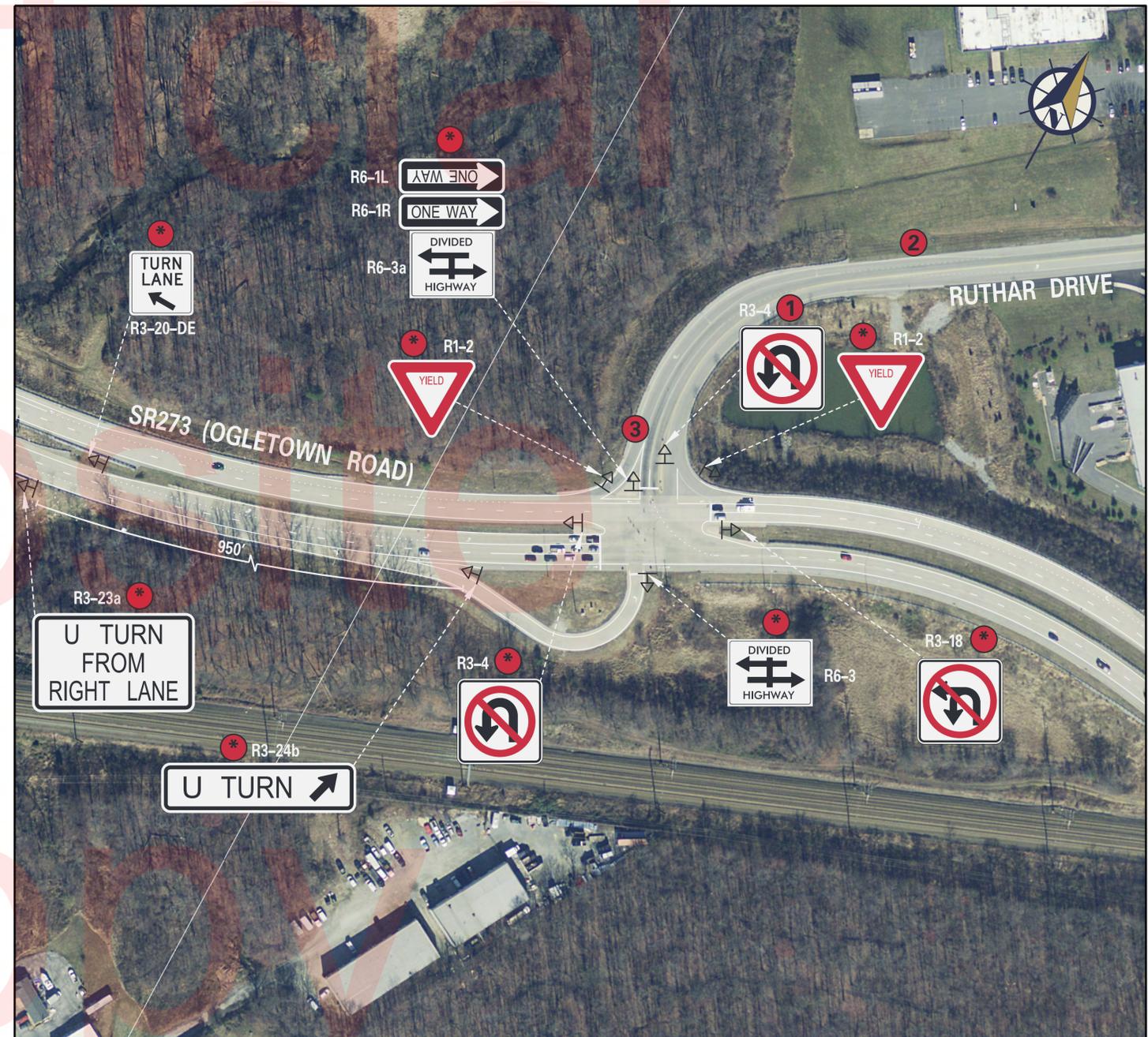
*INSTALLED AS PART OF P&R CONTRACT T201606107

INTERSECTION STRIPING RECOMMENDATIONS:

-NONE

INTERSECTION 5: SR273 (OGLETOWN ROAD) & RUTHAR DRIVE

- RUTHAR DRIVE (NORTH LEG): MEDIAN WIDTH OF 6 FEET
- SR273 (SOUTH LEG): NO MEDIAN
- SR273 (EAST LEG): MEDIAN WIDTH OF 28 FEET
- SR273 (WEST LEG): MEDIAN WIDTH OF 19 FEET



RECOMMENDATION 1



RECOMMENDATION 3



INTERSECTION SIGNING RECOMMENDATIONS:

- 1 2 REMOVE EXISTING OM1-3, "OBJECT MARKER" SIGN (18"x18")
- 3 INSTALL W16-8aP, "ADVANCE STREET NAME" (9"x30") PLAQUE WITH UPPER /LOWER CASE TEXT BELOW EXISTING W3-3 (OGLETOWN ROAD); STRAIGHTEN SIGN POST (2012 HEP-SITE V RECOMMENDATION)
- 4 REPLACE EXISTING W2-2, "SIDE ROAD" SIGN WITH NEW W1-10L, "COMBINATION HORIZONTAL ALIGNMENT /INTERSECTION" SIGN (36"x36") AND INSTALL W16-8aP, "ADVANCE STREET NAME" (9"x30") PLAQUE WITH UPPER /LOWER CASE TEXT (RED MILL ROAD) (2012 HEP-SITE V RECOMMENDATION)
- 5 INSTALL W3-3, "SIGNAL AHEAD" SIGN (36"x36") AND W16-8aP, "ADVANCE STREET NAME" (9"x30") PLAQUE WITH UPPER /LOWER CASE TEXT (OGLETOWN ROAD) (2012 HEP-SITE V RECOMMENDATION)
- 6 INSTALL M4-5, "TO" (24"x12") SIGN ABOVE EXISTING M1-5, "STATE ROUTE 4" SIGN (2012 HEP-SITE V RECOMMENDATION)
- 7 8 9 10 INSTALL BACK-TO-BACK W1-8L AND W1-8R, "CHEVRON ALIGNMENT" SIGNS (18"x24") AS SHOWN (2012 HEP-SITE V RECOMMENDATION)
- 11 INSTALL BACK-TO-BACK W1-8L AND W1-8R, "CHEVRON ALIGNMENT" SIGNS (18"x24") ON PROPOSED SIGN POST (SEE RECOMMENDATION 4) (2012 HEP-SITE V RECOMMENDATION)

*INSTALLED AS PART OF P&R CONTRACT T201606107

INTERSECTION STRIPING RECOMMENDATIONS:

-NONE

INTERSECTION 6: SR273 (OGLETOWN RD) & RED MILL RD /OLD OGLETOWN RD

- SR273 (NORTH LEG): MEDIAN WIDTH OF 20 FEET
- SR273 (SOUTH LEG): MEDIAN WIDTH OF 20 FEET
- RED MILL ROAD (EAST LEG): MEDIAN WIDTH OF 8 FEET
- OLD OGLETOWN ROAD (WEST LEG): MEDIAN WIDTH OF 9 FEET

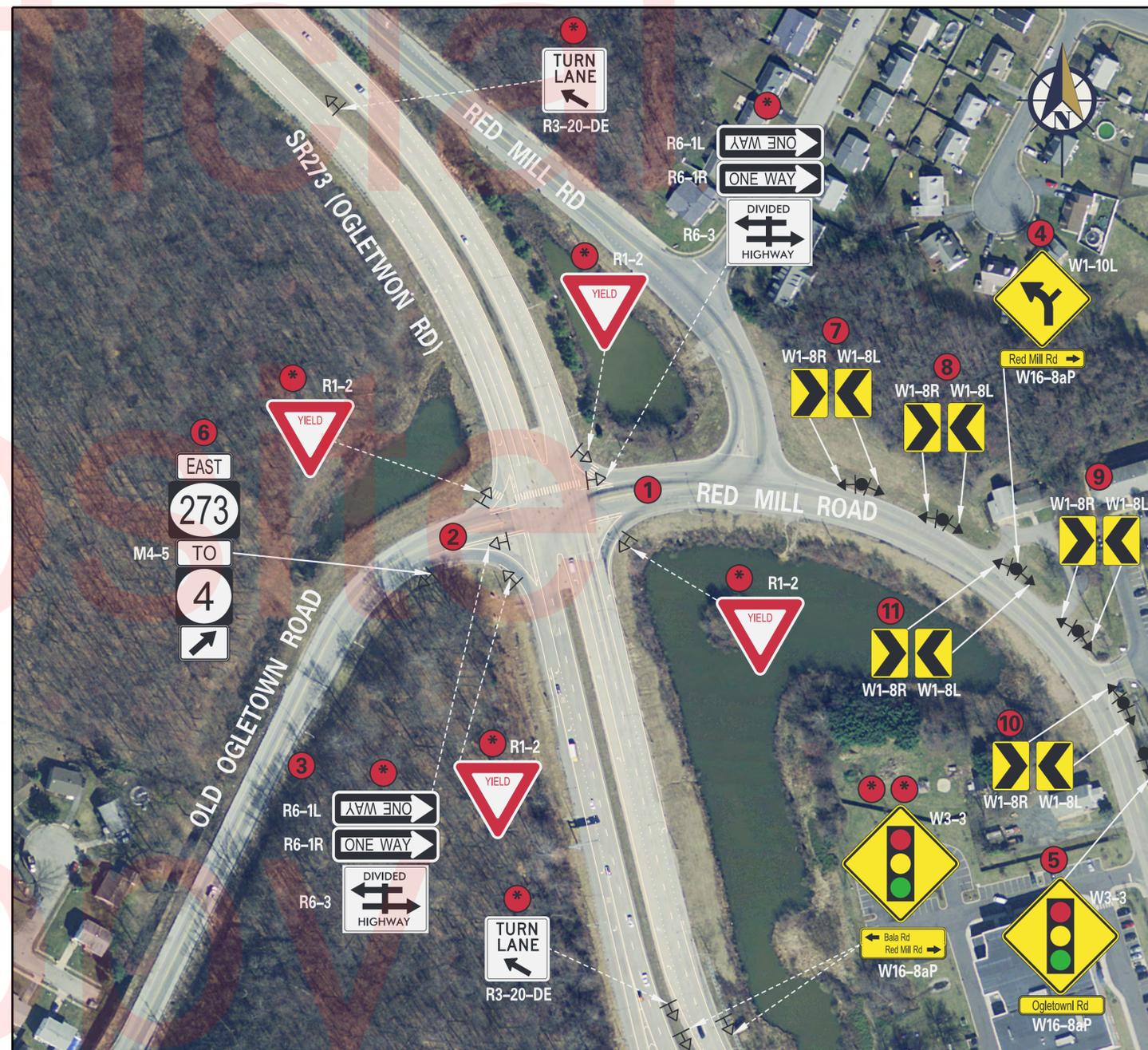
RECOMMENDATIONS 1 & 2



RECOMMENDATION 3



RECOMMENDATION 6



INTERSECTION SIGNING RECOMMENDATIONS:

- 1 REMOVE OBSTRUCTING FOLIAGE /SHRUBS
- 2 3 INSTALL W16-8aP, "ADVANCE STREET NAME" (9"x30") PLAQUE WITH UPPER /LOWER CASE TEXT BELOW EXISTING W3-3 (OGLETOWN ROAD); STRAIGHTEN SIGN POST

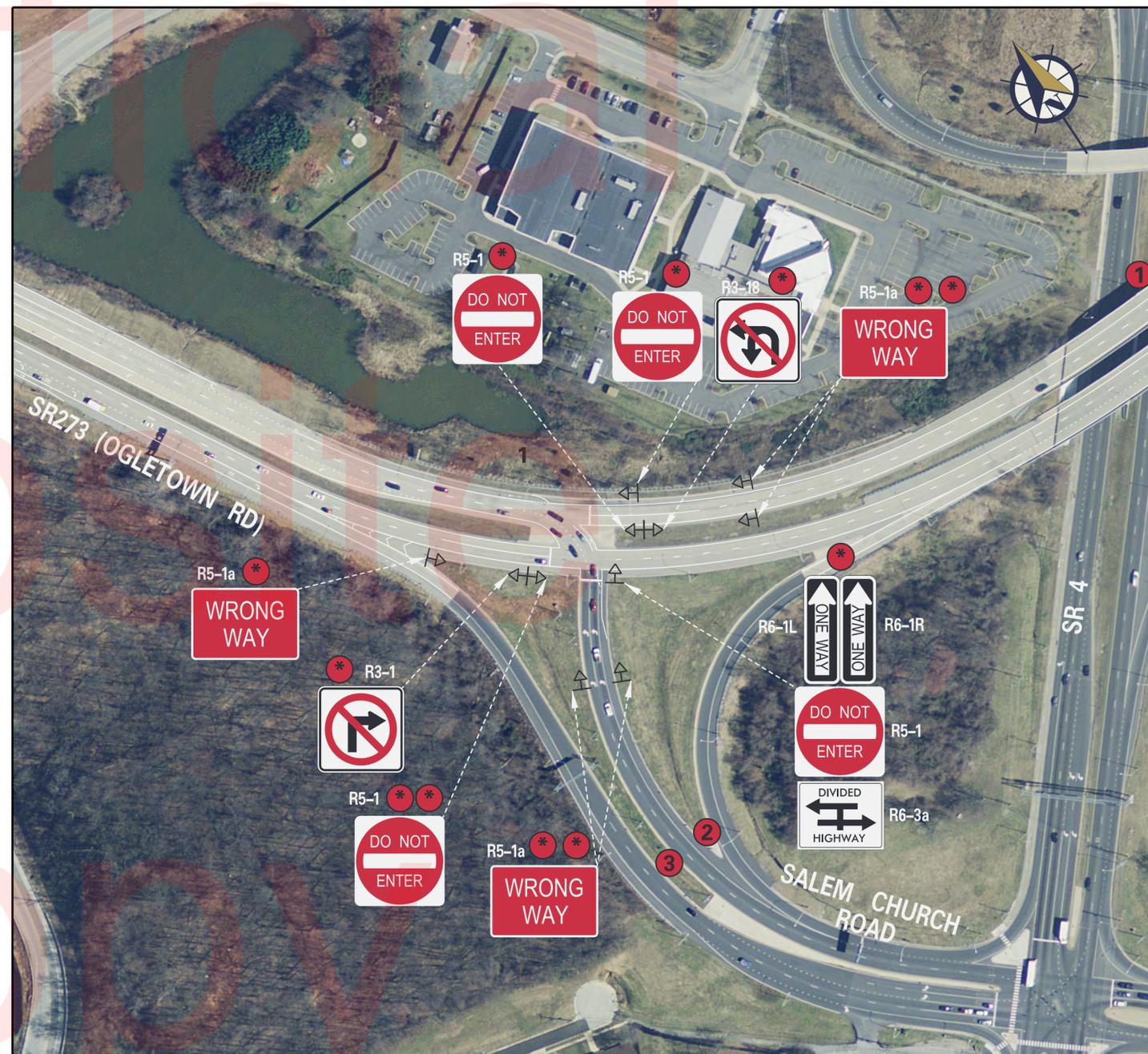
*INSTALLED AS PART OF P&R CONTRACT T201606107

INTERSECTION STRIPING RECOMMENDATIONS:

-NONE

INTERSECTION 7: SR273 (OGLETOWN RD) & SALEM CHURCH ROAD

- SALEM CHURCH ROAD (SOUTH LEG): NO MEDIAN
- SR273 (EAST LEG): MEDIAN WIDTH OF 35 FEET
- SR273 (WEST LEG): MEDIAN WIDTH OF 35 FEET



RECOMMENDATION 1



RECOMMENDATIONS 2 & 3



INTERSECTION SIGNING RECOMMENDATIONS:

- 1 5 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN
- 2 4 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 3 INSTALL W16-8aP, "ADVANCE STREET NAME" (9"x30") PLAQUE WITH UPPER /LOWER CASE TEXT BELOW EXISTING W3-3 (BROWNLEAF ROAD); STRAIGHTEN SIGN POST

INTERSECTION STRIPING RECOMMENDATIONS:

- 1 REPLACE FADED 15 FT OF 16" WIDE SOLID STOP BAR ACROSS THE LANE ON THE SOUTHBOUND APPROACH

INTERSECTION 8: SR273 (CHRISTIANA RD) & BROWNLEAF ROAD

- BROWNLEAF ROAD (NORTH LEG): MEDIAN WIDTH OF 20 FEET
- BROWNLEAF ROAD (SOUTH LEG): MEDIAN WIDTH OF 20 FEET
- SR273 (EAST LEG): MEDIAN WIDTH OF 6 FEET
- SR273 (WEST LEG): MEDIAN WIDTH OF 6 FEET

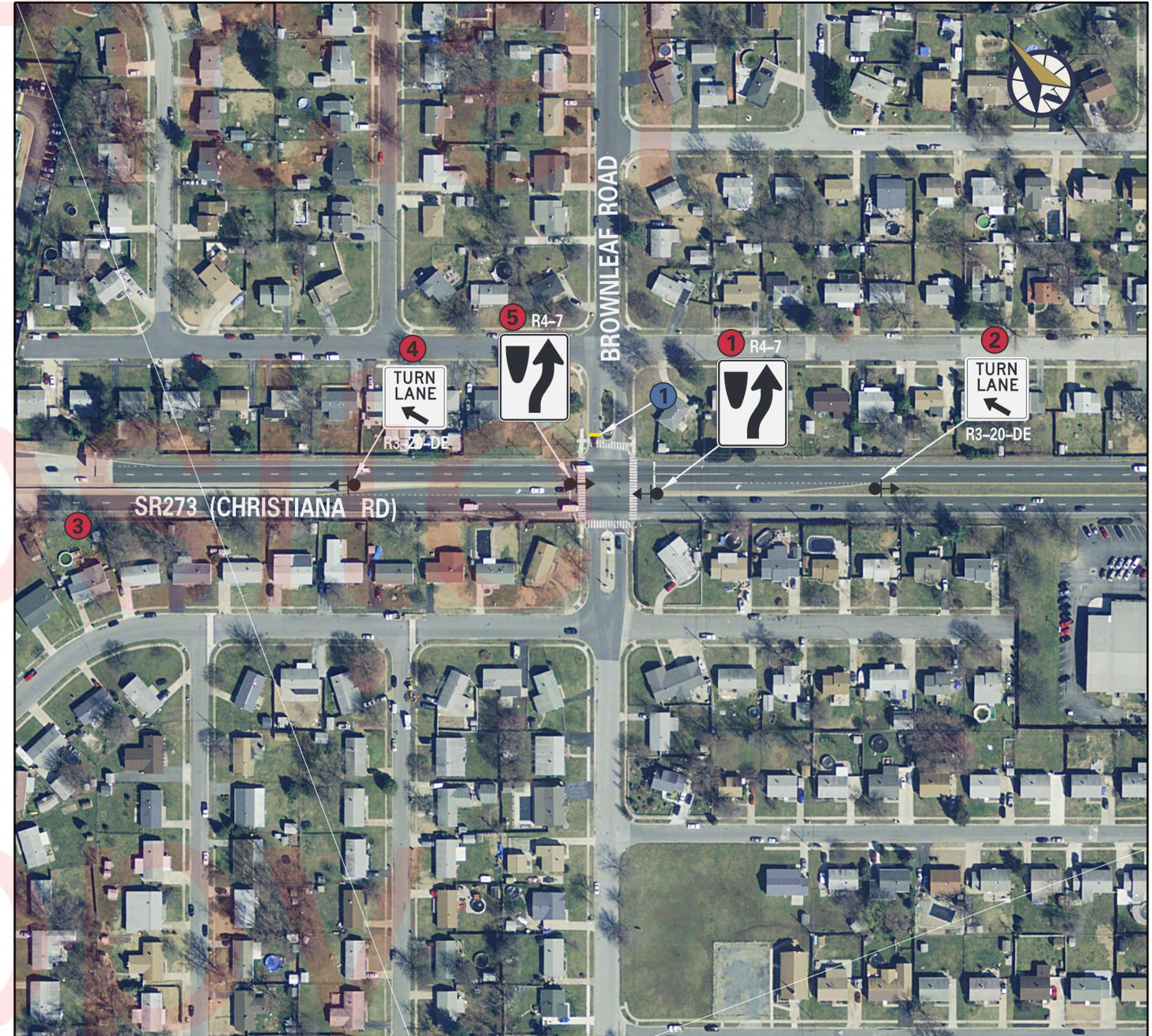
RECOMMENDATIONS 1 & 5



RECOMMENDATIONS 2 & 4



RECOMMENDATION 3



LEGEND:

WHITE: EXISTING CONDITIONS
 YELLOW: PROPOSED CONDITIONS

INTERSECTION SIGNING RECOMMENDATIONS:

- 1 REPLACE EXISTING UNDERSIZED R6-3, "DIVIDED HIGHWAY" SIGN (18"x24") WITH NEW R6-3, "DIVIDED HIGHWAY" SIGN (30"x24"); REMOVE R6-1L, "ONE WAY" SIGN (36"x12") AND R6-1R, "ONE WAY" SIGN (36"x12")
- 2 REPLACE EXISTING UNDERSIZED R6-3, "DIVIDED HIGHWAY" SIGN (18"x24") WITH NEW R6-3, "DIVIDED HIGHWAY" SIGN (30"x24"); REMOVE R6-1R, "ONE WAY" SIGN (36"x12")
- 3 REPLACE EXISTING UNDERSIZED R3-7R, "RIGHT LANE MUST TURN RIGHT" SIGN (24"x24") WITH NEW R3-7R, "RIGHT LANE MUST TURN RIGHT" SIGN (36"x36")
- 4 REPLACE EXISTING UNDERSIZED R3-7R, "RIGHT LANE MUST TURN RIGHT" SIGN (24"x24") WITH NEW R3-7R, "RIGHT LANE MUST TURN RIGHT" SIGN (36"x36") AND REMOVE EXISTING "DELAWARE PARK" AND DIRECTIONAL ARROW SIGNS
- 5 8 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 6 7 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN
- 9 REMOVE DAMAGED R8-4, "EMERGENCY PARKING ONLY" SIGN; REMOVE EXISTING M4-6, "END" SIGN
- 10 INSTALL R3-7R, "RIGHT LANE MUST TURN RIGHT" SIGN (36"x36") AS SHOWN

INTERSECTION STRIPING RECOMMENDATIONS:

- 1 REPLACE FADED 33 FT OF 16" WIDE SOLID STOP BAR ACROSS THE LANES ON THE SOUTHBOUND APPROACH

RECOMMENDATION 1



RECOMMENDATION 2



RECOMMENDATION 3



RECOMMENDATION 4



RECOMMENDATION 9



INTERSECTION 9: SR273 (CHRISTIANA RD) & HARMONY RD /GERALD DR

- HARMONY ROAD (NORTH LEG): NO MEDIAN
- GERALD DRIVE (SOUTH LEG): NO MEDIAN
- SR273 (EAST LEG): MEDIAN WIDTH OF 6 FEET
- SR273 (WEST LEG): MEDIAN WIDTH OF 6 FEET



LEGEND:

WHITE: EXISTING CONDITIONS
YELLOW: PROPOSED CONDITIONS

INTERSECTION SIGNING RECOMMENDATIONS:

- 1 REPLACE EXISTING UNDERSIZED R3-4, "NO U-TURN" SIGN WITH NEW R3-4, "NO U-TURN" SIGN (36"x36"); REMOVE EXISTING OM1-3, "OBJECT MARKER" SIGN
- 2 8 REPLACE EXISTING R1-2 "YIELD" SIGN (36"x36"x36") WITH NEW R1-2 "YIELD" SIGN (48"x48"x48")
- 3 6 7 15 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ADJACENT TO STOP BAR AS SHOWN
- 4 11 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 5 14 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN
- 9 16 REMOVE EXISTING R1-2, "YIELD" SIGN
- 10 INSTALL W16-8aP, "ADVANCE STREET NAME" (9"x30") PLAQUE WITH UPPER /LOWER CASE TEXT BELOW EXISTING W3-3 (CHRISTIANA ROAD)
- 12 REMOVE EXISTING OM1-3, "OBJECT MARKER" (18"x18") SIGN
- 13 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") ON EXISTING OVERHEAD SIGN STRUCTURE POST AT BEGINNING OF TURN LANE TAPER
- 17 REPLACE EXISTING UNDERSIZED R3-7R, "RIGHT LANE MUST TURN RIGHT" SIGN (24"x24") WITH NEW R3-7R, "RIGHT LANE MUST TURN RIGHT" SIGN (36"x36") AND RELOCATE SIGN ASSEMBLY 40 FT TO THE SOUTHEAST AS SHOWN
- 18 INSTALL R3-7R, "RIGHT LANE MUST TURN RIGHT" SIGN (36"x36") ADJACENT TO TURN ARROW AS SHOWN

INTERSECTION STRIPING RECOMMENDATIONS:

- 1 REPLACE EXISTING 5" SOLID WHITE LANE LINE STRIPING WITH 220 FEET OF 10" SOLID WHITE LANE LINE STRIPING
- 2 ADD TWO TURN ARROWS AND TWO "ONLY" WORD PAVEMENT MARKINGS TO THE EASTBOUND RIGHT TURN LANE, SPACED AT 60 FEET
- 3 REPLACE EXISTING 5" DASHED (2' STRIPE, 6" GAP) WHITE LANE STRIPING WITH 235 FEET OF 10" DASHED (2' STRIPE, 6" GAP) WHITE LANE LINE STRIPING; REMOVE CONFLICTING STRIPING

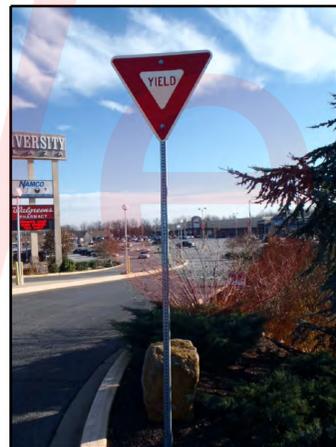
RECOMMENDATION 1



RECOMMENDATIONS 2 & 8



RECOMMENDATIONS 9 & 16



RECOMMENDATION 10



RECOMMENDATION 12



INTERSECTION 10: SR273 (CHRISTIANA RD) & EAGLE RUN RD /CHAPMAN RD

- EAGLE RUN ROAD (NORTH LEG): MEDIAN WIDTH OF 6 FEET
- CHAPMAN ROAD (SOUTH LEG): MEDIAN WIDTH OF 6 FEET
- SR273 (EAST LEG): MEDIAN WIDTH OF 6 FEET
- SR273 (WEST LEG): MEDIAN WIDTH OF 6 FEET



LEGEND:

WHITE: EXISTING CONDITIONS
YELLOW: PROPOSED CONDITIONS

INTERSECTION SIGNING RECOMMENDATIONS:

- 1 11 REPLACE EXISTING R1-2 "YIELD" SIGN (36"x36"x36") WITH NEW R1-2 "YIELD" SIGN (48"x48"x48")
- 2 3 14 INSTALL R5-1, "DO NOT ENTER" SIGN (36"x36") ADJACENT TO STOP BAR FACING OPPOSING TRAFFIC AS SHOWN
- 4 5 15 INSTALL R5-1a, "WRONG WAY" SIGN (42"x30") FACING OPPOSING TRAFFIC AS SHOWN
- 6 7 RELOCATE EXISTING W3-3, "SIGNAL AHEAD" SIGN 285 FT TO THE EAST; INSTALL W16-8aP, "ADVANCE STREET NAME" PLAQUE (9"x30") WITH UPPER /LOWER CASE TEXT (BROWNS LANE)
- 8 INSTALL R6-1L, "ONE WAY" SIGN (36"x12") FACING NORTH AS SHOWN
- 9 RELOCATE EXISTING W3-3, "SIGNAL AHEAD" SIGN 250 FT TO THE WEST; INSTALL W16-8aP, "ADVANCE STREET NAME" PLAQUE (9"x30") WITH UPPER /LOWER CASE TEXT (BROWNS LANE)
- 10 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") ON BACK OF EXISTING R1-2, "YIELD" SIGN AT BEGINNING OF TURN LANE TAPER
- 12 INSTALL R6-1R, "ONE WAY" SIGN (36"x12") AND R6-3a, "DIVIDED HIGHWAY - T INTERSECTION" SIGN (30"x24") FACING NORTH AS SHOWN
- 13 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN

INTERSECTION STRIPING RECOMMENDATIONS:

- NONE

RECOMMENDATIONS 1 & 11



RECOMMENDATIONS 6 & 7



RECOMMENDATION 9



RECOMMENDATION 10



RECOMMENDATION 13



INTERSECTION 11: SR273 (CHRISTIANA RD) & BROWNS LANE

- BROWNS LANE (NORTH LEG): MEDIAN WIDTH OF 9 FEET
- SR273 (EAST LEG): MEDIAN WIDTH OF 35 FEET
- SR273 (WEST LEG): MEDIAN WIDTH OF 27 FEET



INTERSECTION SIGNING RECOMMENDATIONS:

- 1 REMOVE EXISTING UNDERSIZED R1-2 "YIELD" SIGN (STOP CONDITION EXISTS)
- 2 REMOVE EXISTING OM1-3, OBJECT MARKER (18"x18") SIGN
- 3 7 13 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 4 RELOCATE EXISTING W3-3, "SIGNAL AHEAD" SIGN 200 FT TO THE SOUTH; REPLACE EXISTING W16-8aP, "ADVANCE STREET NAME" PLAQUE (18"x30") WITH NEW W16-8aP, "ADVANCE STREET NAME" PLAQUE (18"x30") WITH UPPER /LOWER CASE TEXT
- 5 14 REPLACE EXISTING UNDERSIZED R1-2 "YIELD" SIGN (36"x36"x36") WITH NEW R1-2 "YIELD" SIGN (48"x48"x48")
- 6 STRAIGHTEN SIGN POST
- 8 REPLACE EXISTING UNDERSIZED R1-2 "YIELD" SIGN (36"x36"x36") WITH NEW R1-2 "YIELD" SIGN (48"x48"x48") AND EXISTING "WATCH FOR TURNING TRAFFIC" PLAQUE WITH NEW R1-2aP-DE1, "TO TURNING TRAFFIC" (24"x18") PLAQUE
- 9 15 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON PORK CHOP ISLAND AS SHOWN
- 10 REMOVE EXISTING R3-7, "RIGHT LANE MUST TURN RIGHT" SIGN
- 11 12 RELOCATE EXISTING W3-3, "SIGNAL AHEAD" SIGN 200 FT TO THE NORTH; REPLACE EXISTING W16-8aP, "ADVANCE STREET NAME" PLAQUE (18"x30") WITH NEW W16-8aP, "ADVANCE STREET NAME" PLAQUE (18"x30") WITH UPPER /LOWER CASE TEXT
- 16 REMOVE EXISTING UNDERSIZED R6-3, "DIVIDED HIGHWAY" SIGN
- 17 REMOVE EXISTING UNDERSIZED R6-3, "DIVIDED HIGHWAY" SIGN; REPLACE DAMAGED SIGN POST
- 18 INSTALL R4-7, "KEEP RIGHT" (24"x30") SIGN AND R3-20-DE, "TURN LANE" (18"x18") SIGN ON MEDIAN NOSE AS SHOWN

INTERSECTION 12: SR273 (CHRISTIANA RD) & OLD BALTIMORE PIKE

- SR273 (NORTH LEG): MEDIAN WIDTH OF 16 FEET
- SR273 (SOUTH LEG): MEDIAN WIDTH OF 6 FEET
- OLD BALTIMORE PIKE (EAST LEG): MEDIAN WIDTH OF 16 FEET
- OLD BALTIMORE PIKE (WEST LEG): MEDIAN WIDTH OF 5 FEET

INTERSECTION STRIPING RECOMMENDATIONS:

- 1 INSTALL 170 FT OF 5" DASHED (2' STRIPE, 6" GAP) WHITE LINE; REMOVE CONFLICTING STRIPING

RECOMMENDATION 1



RECOMMENDATIONS 4, 11 & 12



RECOMMENDATION 6



RECOMMENDATION 8



RECOMMENDATION 10



RECOMMENDATION 17



LEGEND:

WHITE: EXISTING CONDITIONS
YELLOW: PROPOSED CONDITIONS

INTERSECTION SIGNING RECOMMENDATIONS:

- 1 REMOVE EXISTING OM1-3, OBJECT MARKER (18"x18") SIGN
- 2 REPLACE EXISTING UNDERSIZED R3-1, "NO RIGHT TURN" SIGN WITH NEW R3-1, "NO RIGHT TURN" SIGN (36"x36")
- 3 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") ON EXISTING SIGN POST BENEATH EXISTING R4-7, "KEEP RIGHT SIGN" AT BEGINNING OF TURN LANE TAPER
- 4 REPLACE EXISTING UNDERSIZED R1-2, "YIELD" SIGN WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 5 REPLACE EXISTING UNDERSIZED R3-2, "NO LEFT TURN" SIGN WITH NEW R3-18, "COMBINATION NO U-TURN /NO LEFT TURN" SIGN (36"x36"), AND REMOVE EXISTING OM1-3, OBJECT MARKER (18"x18")
- 6 REPLACE EXISTING DAMAGED M1-5, "STATE ROUTE" SIGN WITH NEW M1-5, "STATE ROUTE" SIGN (24"x24"), REPLACE EXISTING DAMAGED M6-2L, "DIRECTIONAL ARROW" SIGN WITH NEW M6-2L, "DIRECTIONAL ARROW" SIGN (21"x15"), AND INSTALL R3-20-DE, "TURN LANE" (18"x18") SIGN FACING EAST
- 7 INSTALL R6-1L, "ONE WAY" SIGN (12"x36") FACING EAST AND R6-1R, "ONE WAY" SIGN (12"x36") FACING WEST ABOVE EXISTING R5-1, "DO NOT ENTER" SIGN; AND INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON BACK OF EXISTING R5-1, "DO NOT ENTER" SIGN FACING NORTH
- 8 INSTALL R6-1L, "ONE WAY" SIGN (12"x36") FACING NORTH AS SHOWN

INTERSECTION STRIPING RECOMMENDATIONS:

- NONE

RECOMMENDATION 1



RECOMMENDATION 2



RECOMMENDATION 3



RECOMMENDATION 5



RECOMMENDATION 6

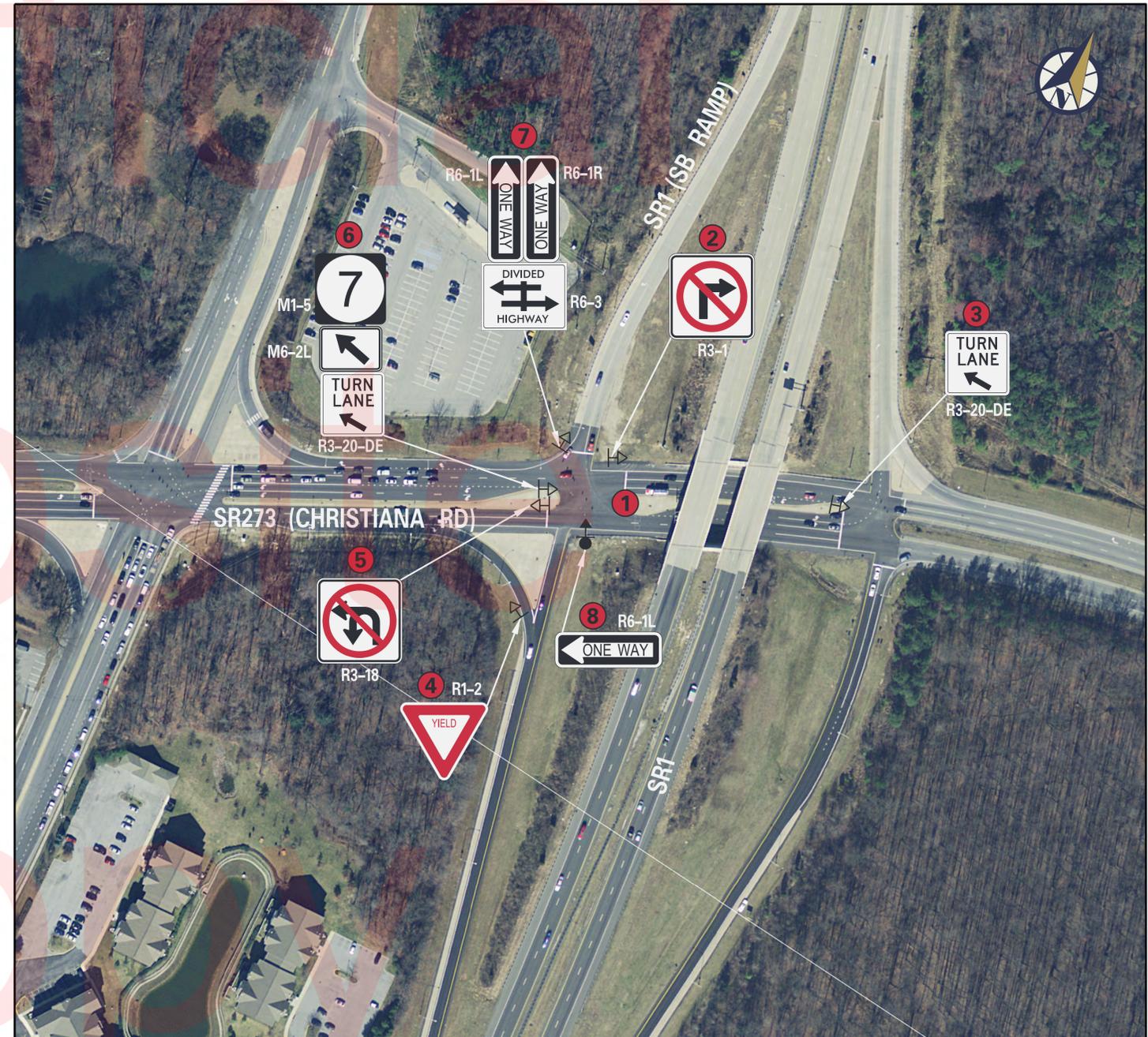


RECOMMENDATION 7



INTERSECTION 13: SR273 (CHRISTIANA RD) & SR1 (SB RAMP)

- SR1 SB RAMP (NORTH LEG): NO MEDIAN
- SR1 SB RAMP (SOUTH LEG): NO MEDIAN
- SR273 (EAST LEG): MEDIAN WIDTH OF 26 FEET
- SR273 (WEST LEG): MEDIAN WIDTH OF 29 FEET



INTERSECTION SIGNING RECOMMENDATIONS:

- 1 REPLACE EXISTING UNDERSIZED R1-2, "YIELD" SIGN WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 2 REPLACE EXISTING UNDERSIZED R3-2, "NO LEFT TURN" SIGN WITH NEW R3-2, "NO LEFT TURN" SIGN (36"x36")
- 3 REPLACE EXISTING UNDERSIZED R5-1, "DO NOT ENTER" SIGN WITH NEW R5-1, "DO NOT ENTER" SIGN (36"x36"); AND INSTALL R6-3, "DIVIDED HIGHWAY" (30"x24") SIGN FACING SOUTH ON BACK OF R5-1
- 4 INSTALL R6-1L, "ONE WAY" SIGN (12"x36") FACING WEST AND R6-1R, "ONE WAY" SIGN (12"x36") FACING EAST ABOVE EXISTING R5-1, "DO NOT ENTER" SIGN; REPLACE EXISTING UNDERSIZED R5-1, "DO NOT ENTER" SIGN FACING NORTH WITH NEW R5-1, "DO NOT ENTER" SIGN (36"x36"); AND REPLACE EXISTING UNDERSIZED R3-1, "NO RIGHT TURN" SIGN FACING WEST WITH NEW R3-1, "NO RIGHT TURN" (36"x36") SIGN
- 5 REMOVE EXISTING UNDERSIZED R5-1a, "WRONG WAY" SIGN
- 6 7 INSTALL R5-1a, "WRONG WAY" (42"x30") SIGN FACING OPPOSING TRAFFIC AS SHOWN
- 8 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 9 REMOVE EXISTING OM1-3, OBJECT MARKER (18"x18") SIGN

INTERSECTION STRIPING RECOMMENDATIONS:

- NONE

RECOMMENDATION 2



RECOMMENDATION 3



RECOMMENDATION 4



RECOMMENDATION 4



RECOMMENDATION 9



INTERSECTION 14: SR273 (CHRISTIANA RD) & SR1 (NB RAMP)

- SR1 NB RAMP (NORTH LEG): NO MEDIAN
- SR1 NB RAMP (SOUTH LEG): NO MEDIAN
- SR273 (EAST LEG): MEDIAN WIDTH OF 29 FEET
- SR273 (WEST LEG): MEDIAN WIDTH OF 16 FEET



INTERSECTION SIGNING RECOMMENDATIONS:

- 1 9 REMOVE EXISTING OM1-3, OBJECT MARKER (18"x18") SIGN
- 2 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON PORK CHOP ISLAND AS SHOWN
- 3 INSTALL W16-8aP, "ADVANCE STREET NAME" PLAQUE (9"x30") WITH UPPER /LOWER CASE TEXT BELOW EXISTING W3-3 (CHRISTIANA ROAD); REMOVE OBSTRUCTING FOLIAGE
- 4 10 INSTALL R4-7, "KEEP RIGHT" (24"x30") SIGN ON MEDIAN NOSE AS SHOWN
- 5 REPLACE EXISTING UNDERSIZED R3-4, "NO U-TURN" SIGN WITH NEW R3-4, "NO U-TURN" SIGN (36"x36")
- 6 INSTALL W16-8aP, "ADVANCE STREET NAME" PLAQUE (18"x30") WITH UPPER /LOWER CASE TEXT BENEATH EXISTING W3-3, SIGNAL AHEAD SIGN (LEFT: VILLAS DRIVE, RIGHT: APPLEBY ROAD); RELOCATE EXISTING R8-4, "EMERGENCY PARKING ONLY" SIGN 40 FT TO THE EAST AS SHOWN
- 7 REMOVE EXISTING BACK-TO-BACK OM1-3, OBJECT MARKER (18"x18") SIGNS; STRAIGHTEN SIGN POST
- 8 INSTALL R6-3, "DIVIDED HIGHWAY" (30"x24") SIGN ON PORK CHOP ISLAND AS SHOWN
- 11 12 13 REPLACE EXISTING UNDERSIZED R3-7, "RIGHT LANE MUST TURN RIGHT" SIGN WITH NEW R3-7, "RIGHT LANE MUST TURN RIGHT" SIGN (36"x36")

INTERSECTION STRIPING RECOMMENDATIONS:

- 1 RESTRIPE 24 FT OF 16" SOLID WHITE STOP BAR ACROSS THE LANES ON THE SOUTHBOUND APPROACH
- 2 RESTRIPE 48 FT OF 16" SOLID WHITE STOP BAR ACROSS THE LANES ON THE WESTBOUND APPROACH; REMOVE CONFLICTING STRIPING

RECOMMENDATIONS 1 & 9



RECOMMENDATION 3



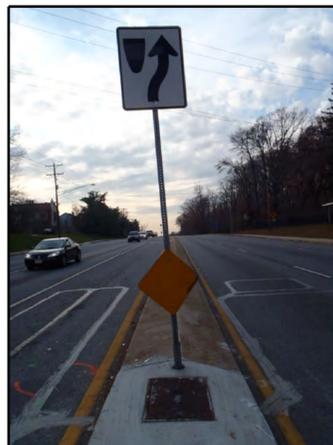
RECOMMENDATION 5



RECOMMENDATION 6



RECOMMENDATION 7



RECOMMENDATION 8



INTERSECTION 15: SR273 (CHRISTIANA RD) & APPLEBY RD /VILLAS DR

- VILLAS DRIVE (NORTH LEG): MEDIAN WIDTH OF 5 FEET
- APPLEBY ROAD (SOUTH LEG): MEDIAN WIDTH OF 6 FEET
- SR273 (EAST LEG): MEDIAN WIDTH OF 5 FEET
- SR273 (WEST LEG): MEDIAN WIDTH OF 6 FEET



LEGEND:

WHITE: EXISTING CONDITIONS
YELLOW: PROPOSED CONDITIONS

INTERSECTION SIGNING RECOMMENDATIONS:

- 1 7 10 REMOVE EXISTING OM1-3, OBJECT MARKER (18"x18") SIGN
- 2 REPLACE EXISTING DAMAGED M6-3 "DIRECTIONAL ARROW" SIGN WITH NEW M6-3 "DIRECTIONAL ARROW" SIGN (21"x15")
- 3 REMOVE OBSTRUCTING FOLIAGE
- 4 RELOCATE EXISTING W3-3, "SIGNAL AHEAD" SIGN (36"x36") 150 FT TO THE EAST AS SHOWN AND INSTALL W16-8aP, "ADVANCE STREET NAME" PLAQUE (9"x30") WITH UPPER /LOWER CASE TEXT (AIRPORT ROAD) BELOW EXISTING W3-3; EXISTING DART SIGN TO REMAIN
- 5 RELOCATE EXISTING W3-3, "SIGNAL AHEAD" SIGN (36"x36") 150 FT TO THE EAST AS SHOWN AND INSTALL W16-8aP, "ADVANCE STREET NAME" PLAQUE (9"x30") WITH UPPER /LOWER CASE TEXT (AIRPORT ROAD) BELOW EXISTING W3-3
- 6 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ADJACENT TO STOP BAR AS SHOWN
- 8 REMOVE EXISTING BACK-TO-BACK OM1-3, OBJECT MARKER (18"x18") SIGNS; STRAIGHTEN SIGN POST
- 9 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON PORK CHOP ISLAND AS SHOWN
- 11 REPLACE EXISTING DAMAGED M6-1 "DIRECTIONAL ARROW" SIGN WITH NEW M6-1 "DIRECTIONAL ARROW" SIGN (21"x15")
- 12 INSTALL W16-8aP, "ADVANCE STREET NAME" PLAQUE (18"x30") WITH UPPER /LOWER CASE TEXT (CHRISTIANA ROAD) BELOW EXISTING W3-3
- 13 REPLACE EXISTING DAMAGED DESTINATION SIGN WITH NEW DESTINATION SIGN WITH UPPER /LOWER CASE TEXT
- 14 REMOVE EXISTING R1-2, "YIELD" SIGN (STOP CONDITION EXISTS)

INTERSECTION 16: SR273 (CHRISTIANA RD) & SR37 (AIRPORT ROAD)

- SR37 (AIRPORT RD) (NORTH LEG): MEDIAN WIDTH OF 6 FEET
- SHOPPING CENTER ACCESS (SOUTH LEG): MEDIAN WIDTH OF 6 FEET
- SR273 (EAST LEG): MEDIAN WIDTH OF 5 FEET
- SR273 (WEST LEG): MEDIAN WIDTH OF 5 FEET

INTERSECTION STRIPING RECOMMENDATIONS:

- NONE

RECOMMENDATION 1, 7, 10



RECOMMENDATION 3



RECOMMENDATION 4, 5



RECOMMENDATION 11



RECOMMENDATION 13



RECOMMENDATION 14



INTERSECTION SIGNING RECOMMENDATIONS:

- 1 REMOVE EXISTING BACK-TO-BACK OM1-3, OBJECT MARKER SIGNS (18"x18")
- 2 5 7 REPLACE EXISTING R1-2, "YIELD" SIGN (36"x36"x36") WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 3 REPLACE EXISTING DAMAGED R7-4-DE, "NO STOPPING STANDING OR PARKING" SIGN WITH NEW R7-4-DE, "NO STOPPING STANDING OR PARKING" SIGN (12"x18"); AND REMOVE OUTDATED "PEDESTRIAN CROSSING" SIGN
- 4 RELOCATE EXISTING W3-3, "SIGNAL AHEAD" (36"x36") SIGN 300 FT TO THE EAST AS SHOWN; REPLACE EXISTING W16-8aP, "ADVANCE STREET NAME" PLAQUE (18"x30") WITH NEW W16-8aP, "ADVANCE STREET NAME" PLAQUE (18"x30") WITH UPPER LOWER CASE TEXT
- 6 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON PORK CHOP ISLAND AS SHOWN
- 8 REMOVE EXISTING OM1-3, OBJECT MARKER (18"x18") SIGN
- 9 REPLACE EXISTING R1-2, "YIELD" SIGN (36"x36"x36") WITH NEW R1-2, "YIELD" SIGN (48"x48"x48") AND RELOCATE 40 FT SOUTHWEST TO YIELD POINT AS SHOWN
- 10 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON EXISTING POST FACING NORTH AS SHOWN
- 11 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN

INTERSECTION STRIPING RECOMMENDATIONS:

- 1 RESTRIPE FADED 12 FT OF 16" WIDE SOLID STOP BAR ACROSS THE LANES ON THE SOUTHBOUND APPROACH

INTERSECTION 17: SR273 (CHRISTIANA RD) & EDINBURGH DRIVE

- EDINBURGH DRIVE (NORTH LEG): MEDIAN WIDTH OF 6 FEET
- EDINBURGH DRIVE (SOUTH LEG): MEDIAN WIDTH OF 5 FEET
- SR273 (EAST LEG): MEDIAN WIDTH OF 5 FEET
- SR273 (WEST LEG): MEDIAN WIDTH OF 6 FEET

RECOMMENDATION 1



RECOMMENDATIONS 2, 5 & 7



RECOMMENDATION 3



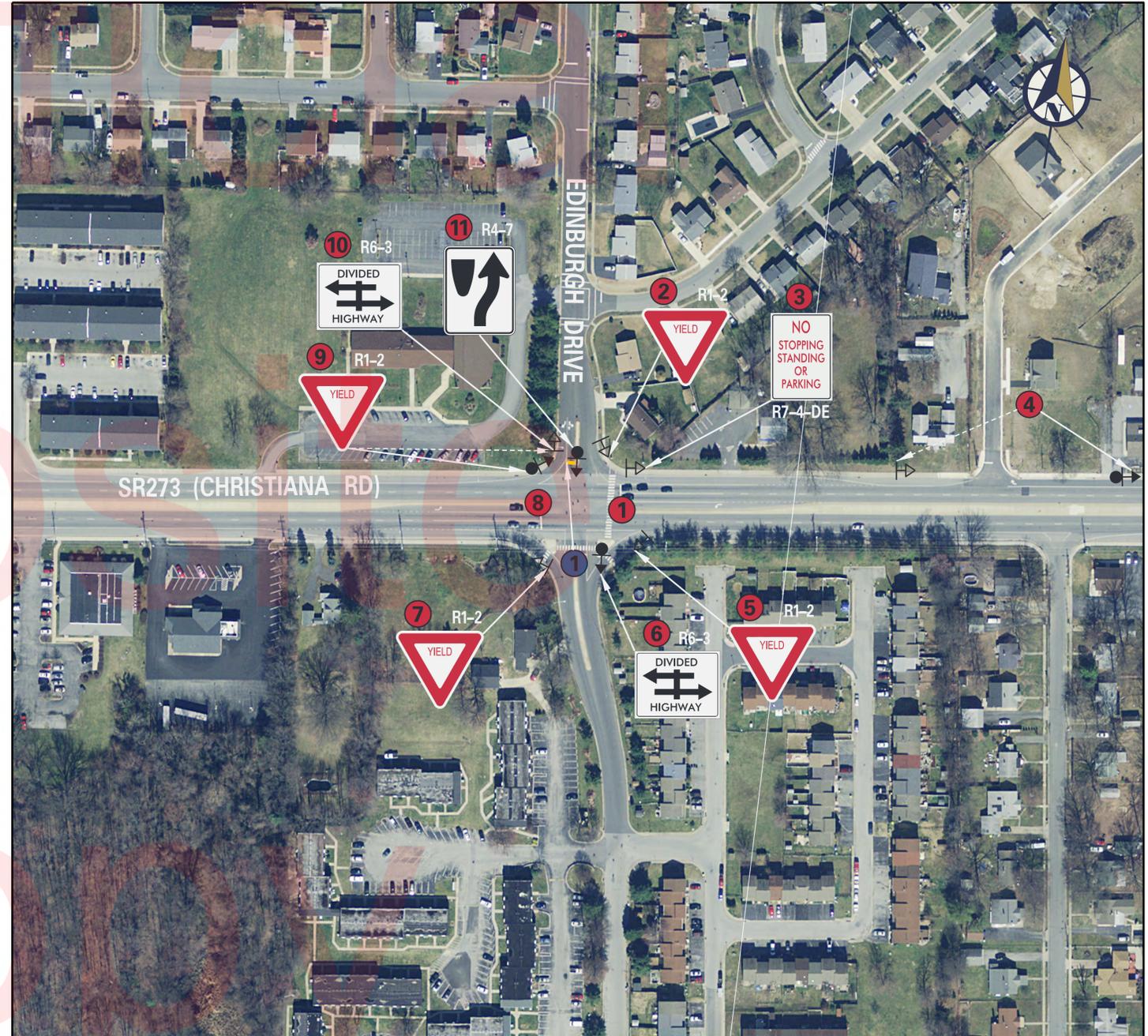
RECOMMENDATION 4



RECOMMENDATION 8



RECOMMENDATION 10



LEGEND:

WHITE: EXISTING CONDITIONS
YELLOW: PROPOSED CONDITIONS

INTERSECTION SIGNING RECOMMENDATIONS:

- 1 REMOVE EXISTING R1-2, "YIELD" SIGN (36"x36"x36") (STOP CONDITION EXISTS); INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") FACING NORTH ON EXISTING POST
- 2 REMOVE EXISTING OM1-3, OBJECT MARKER (18"x18") SIGN
- 3 5 REPLACE EXISTING R1-2, "YIELD" SIGN (36"x36"x36") WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 4 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON PORK CHOP ISLAND AS SHOWN
- 6 7 INSTALL W16-8aP, "ADVANCE STREET NAME" PLAQUE (18"x30") WITH UPPER /LOWER CASE TEXT BELOW EXISTING W3-3 (LEFT: PLEASANT PLACE, RIGHT: SCOTTIE LANE)
- 8 REMOVE EXISTING BACK-TO-BACK OM1-3, OBJECT MARKER SIGNS (18"x18")

INTERSECTION 18: SR273 (CHRISTIANA RD) & PLEASANT PL /SCOTTIE LN

- PLEASANT PLACE (NORTH LEG): NO MEDIAN
- SCOTTIE LANE (SOUTH LEG): NO MEDIAN
- SR273 (EAST LEG): MEDIAN WIDTH OF 6 FEET
- SR273 (WEST LEG): MEDIAN WIDTH OF 6 FEET

INTERSECTION STRIPING RECOMMENDATIONS:

- 1 INSTALL 14 FT OF 16" WIDE SOLID STOP BAR ACROSS THE LANE ON THE SOUTHBOUND APPROACH
- 2 RESTRIPE FADED 50 FT OF 5" SOLID WHITE LANE LINE
- 3 INSTALL 48 FT OF 16" WIDE SOLID STOP BAR ACROSS THE LANES ON THE WESTBOUND APPROACH

RECOMMENDATION 1



RECOMMENDATIONS 2 & 8



RECOMMENDATION 3



RECOMMENDATIONS 6 & 7



LEGEND:

WHITE: EXISTING CONDITIONS
 YELLOW: PROPOSED CONDITIONS

INTERSECTION SIGNING RECOMMENDATIONS:

- 1 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ADJACENT TO STOP BAR AS SHOWN
- 2 3 INSTALL W16-8aP, "ADVANCE STREET NAME" PLAQUE (18"x30") WITH UPPER /LOWER CASE TEXT (PRANGS LANE) BELOW EXISTING W3-3
- 4 REMOVE EXISTING BACK-TO-BACK OM1-3, OBJECT MARKER SIGNS (18"x18")
- 5 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN

INTERSECTION STRIPING RECOMMENDATIONS:

- 1 INSTALL 18 FT OF 16" WIDE SOLID STOP BAR ACROSS THE LANE ON THE SOUTHBOUND APPROACH
- 2 RESTRIPE FADED 36 FT OF 16" WIDE SOLID STOP BAR ACROSS THE LANES ON THE WESTBOUND APPROACH

INTERSECTION 19: SR273 (CHRISTIANA RD) & PRANGS LANE

- PRIVATE DRIVEWAY (NORTH LEG): NO MEDIAN
- PRANGS LANE (SOUTH LEG): NO MEDIAN
- SR273 (EAST LEG): MEDIAN WIDTH OF 6 FEET
- SR273 (WEST LEG): MEDIAN WIDTH OF 5 FEET



RECOMMENDATIONS 2 & 3



RECOMMENDATION 4



RECOMMENDATIONS 4 & 5



LEGEND:

WHITE: EXISTING CONDITIONS
YELLOW: PROPOSED CONDITIONS

INTERSECTION SIGNING RECOMMENDATIONS:

- 1 13 REMOVE EXISTING OM1-3, OBJECT MARKER (18"x18") SIGN
- 2 11 REPLACE EXISTING R1-2, "YIELD" SIGN (36"x36"x36") WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 3 6 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN
- 4 REPLACE EXISTING R1-2, "YIELD" SIGN (36"x36"x36") WITH NEW R1-2, "YIELD" SIGN (48"x48"x48"); STRAIGHTEN SIGN POST
- 5 12 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON PORK CHOP ISLAND AS SHOWN
- 7 INSTALL R1-2, "YIELD" SIGN (48"x48"x48") AT YIELD POINT AS SHOWN
- 8 REMOVE EXISTING BACK-TO-BACK OM1-3, OBJECT MARKER SIGNS (18"x18")
- 9 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") BENEATH EXISTING R4-7, "KEEP RIGHT" SIGN AT BEGINNING OF TURN LANE TAPER; REMOVE EXISTING OM1-3, OBJECT MARKER (18"x18") SIGN
- 10 REPLACE EXISTING UNDERSIZED R5-1, "DO NOT ENTER" SIGN (30"x30") WITH NEW R5-1, "DO NOT ENTER" SIGN (36"x36"); REPLACE EXISTING UNDERSIZED R3-4, "NO U-TURN" SIGN (24"x24") WITH NEW R3-4, "NO U-TURN" SIGN (36"x36") ON SAME SIGN POST
- 14 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 15 INSTALL R3-8a, "ADVANCE INTERSECTION LANE CONTROL" SIGN (45"x30") AS SHOWN
- 16 INSTALL W16-8aP, "ADVANCE STREET NAME" PLAQUE (18"x30") WITH UPPER /LOWER CASE TEXT BELOW EXISTING W3-3 (CHRISTIANA ROAD)

INTERSECTION STRIPING RECOMMENDATIONS:

- 1 RESTRIPE FADED 24 FT OF 16" WIDE SOLID STOP BAR ACROSS THE LANES ON THE SOUTHBOUND APPROACH
- 2 RESTRIPE FADED 36 FT OF 16" WIDE SOLID STOP BAR ACROSS THE LANES ON THE WESTBOUND APPROACH
- 3 RESTRIPE FADED 12 FT OF 16" WIDE SOLID STOP BAR ACROSS THE LANE ON THE NORTHBOUND APPROACH
- 4 RESTRIPE FADED 80 FT OF 5" WIDE SOLID WHITE LANE LINE AND 80 FT OF 5" WIDE DASHED (2' STRIPE, 6' GAP) WHITE LINE STRIPING
- 5 RESTRIPE FADED 36 FT OF 16" WIDE SOLID STOP BAR ACROSS THE LANES ON THE EASTBOUND APPROACH

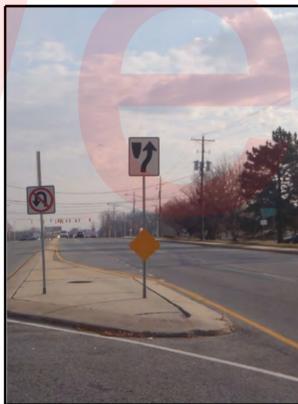
RECOMMENDATIONS 1, 8 & 13



RECOMMENDATIONS 2, 4 & 11



RECOMMENDATIONS 9 & 10



RECOMMENDATION 10



RECOMMENDATION 16



INTERSECTION 20: SR273 (CHRISTIANA RD) & CHURCHMANS RD /NEW CHURCHMANS RD

- CHURCHMANS ROAD (NORTH LEG): MEDIAN WIDTH OF 6 FEET
- NEW CHURCHMANS ROAD (SOUTH LEG): MEDIAN WIDTH OF 8 FEET
- SR273 (EAST LEG): MEDIAN WIDTH OF 6 FEET
- SR273 (WEST LEG): MEDIAN WIDTH OF 6 FEET



LEGEND:

WHITE: EXISTING CONDITIONS
YELLOW: PROPOSED CONDITIONS

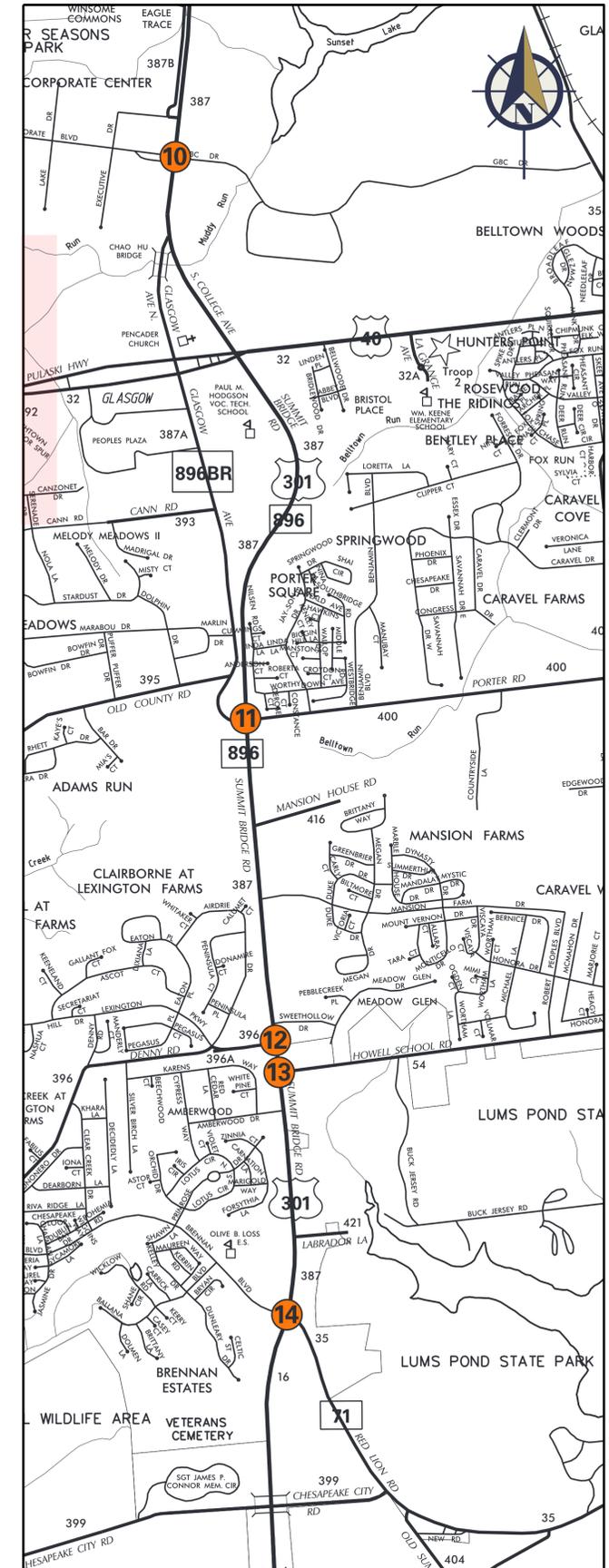
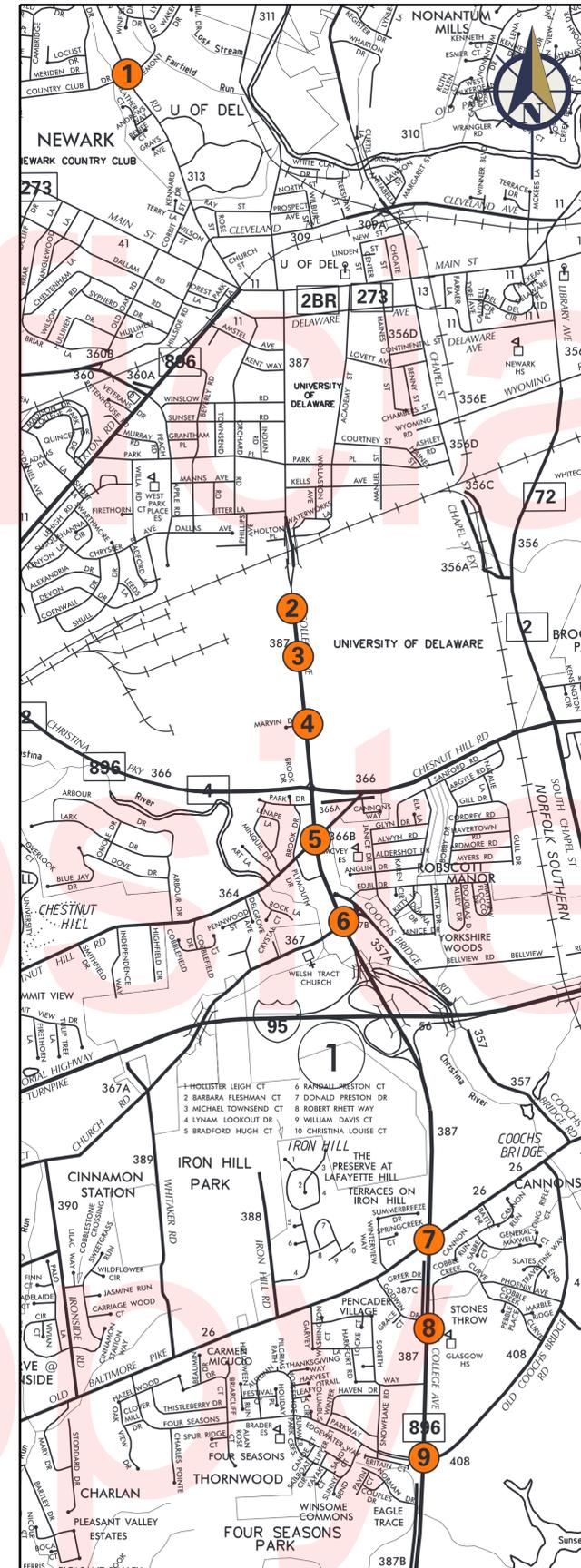
SR 273 Corridor		Signing Items					Striping Items (Concrete)						Striping Items (Hot-Mix)										
Intersection Number	Intersection Name	749532	749557	749556	749688	749570	748548	748557	748568	748690	748696	748697	748699	748700	748703	748732	748734	748704	763643				
		Supply of Flat Sheet Aluminum Sign Panel, Type IX Sheeting (SF)	Removal of Sign on Ground Mount Posts (SF)	Installation of Sign on Ground Mount Posts (SF)	Installation of 4" Dia. Hole, 6" in Depth or Less (EA)	Furnish & Installation of Galvanized Steel Sign Post Only, 12"x2" (EA)	Permanent Pavement Striping, Epoxy Resin Paint, White/Yellow, 5" (LF)	Permanent Pavement Striping, Epoxy Resin Paint, White, 5" (2' Line/6' Gap Dotted Pattern) (LF)	Permanent Pavement Striping, Epoxy Resin Paint, White, 5" (10' Line/30' Gap Broken Pattern) (LF)	Permanent Pavement Striping, Epoxy Resin Paint, Black, 3" (LF)	Permanent Pavement Striping, Epoxy Resin Paint, Black, 9" (LF)	Symbol Tape (SF)	Thermoplastic Transverse Line, 12" - Crosswalks (LF)	Thermoplastic Transverse Line, 16" - Stop Bars (LF)	Left/Right Arrow Thermoplastic (EA)	Combination Arrow Thermoplastic (EA)	Symbol: Preformed Thermoplastic Markings (SF)	Thermoplastic Line, 5" (Solid) (LF)	Thermoplastic Line, 5" (2' Line/6' Gap Dotted Pattern) (LF)	Thermoplastic Line, 5" (10' Line/30' Gap Broken Pattern) (LF)	Thermoplastic Line, 10" (LF)	Removal of Existing Pavement Markings (SF)	MOT (LS)
1	Marows Road	0.94	13.50	9.94	-	-	-	-	-	-	-	-	17	-	-	-	-	-	-	-	-	-	-
2	Stafford Way	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Westvaco Entrance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Avon Entrance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Ruthar Drive	10.88	17.69	10.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Red Mill Road/Old Ogletown Road	54.13	10.75	54.13	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Salem Church Road	3.75	-	3.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Brownleaf Road	16.38	-	16.38	3	4	-	-	-	-	-	-	15	-	-	-	-	-	-	-	-	-	-
9	Harmony Road/Gerald Drive	51.50	35.33	51.50	4	5	-	-	-	-	-	-	33	-	-	-	-	-	-	-	-	-	-
10	Eagle Run Road/Chapman Road	81.63	30.50	81.63	5	9	-	-	-	-	-	-	-	2	-	64	-	-	-	-	280	25	-
11	Browns Lane	93.13	36.00	120.13	4	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Old Baltimore Pike	62.25	78.75	94.25	5	7	-	-	-	-	-	-	-	-	-	-	-	44	-	-	-	20	-
13	SR1 Southbound Ramp	50.69	23.19	50.69	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	SR 1 Northbound Ramp	70.25	35.50	70.25	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Appleby Road/Villas Drive	59.75	39.25	67.25	4	5	-	-	-	-	-	-	72	-	-	-	-	-	-	-	-	-	-
16	Airport Road	32.71	48.95	50.71	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Edinburgh Drive	52.25	45.25	61.25	2	4	-	-	-	-	-	-	12	-	-	-	-	-	-	-	-	-	-
18	Pleasant Place/Scottie Lane	33.50	20.25	33.50	1	1	-	-	-	-	-	-	62	-	-	-	50	-	-	-	-	-	-
19	Prangs Lane	13.75	4.50	13.75	2	2	-	-	-	-	-	-	54	-	-	-	-	-	-	-	-	-	-
20	Churchmans Road/New Churchmans Road	85.75	35.00	85.75	5	8	-	-	-	-	-	-	108	-	-	-	80	20	-	-	-	-	-
Quantity Total:		774	475	876	37	66	0	0	0	0	0	0	373	2	0	64	130	64	0	280	45	-	-

Official Website Copy

**SIGNALIZED MEDIAN CROSSOVER LOCATIONS:
SR896 (NEW LONDON ROAD/SOUTH COLLEGE AVENUE/SUMMIT BRIDGE ROAD) CORRIDOR**

- 1 FREMONT ROAD/COUNTRY CLUB DRIVE
- 2 MOPAR DRIVE
- 3 FIELD HOUSE ENTRANCE/PLANT ENTRANCE
- 4 MARVIN DRIVE
- 5 WEST CHESTNUT HILL ROAD/OLD EAST CHESTNUT HILL ROAD
- 6 WELSH TRACT ROAD
- 7 OLD BALTIMORE PIKE
- 8 GLASGOW HIGH SCHOOL ENTRANCE
- 9 FOUR SEASONS PARKWAY/OLD COOCHES BRIDGE ROAD
- 10 GBC DRIVE/CORPORATE BOULEVARD
- 11 PORTER ROAD/GLASGOW AVENUE
- 12 DENNY ROAD
- 13 HOWELL SCHOOL ROAD
- 14 SR 71/BRENNAN BOULEVARD

CORRIDOR: SR 896



PLOTTED BY: KBLAKE DATE: 8/24/2016
 FILE LOCATION: Q:\INDE\120142_000_TRAFFIC_ENGINEERING_V\CADD\1\02\DE 896_01.DGN [SHEET: 1]

ADDENDUMS / REVISIONS

NOT TO SCALE

**SIGNALIZED MEDIAN CROSSOVER
SIGNING AND PAVEMENT MARKING
UPGRADES - STATEWIDE**

CONTRACT	T201508305	PERMIT NO.	NA
COUNTY	NEW CASTLE	DESIGNED BY:	G Y B
		CHECKED BY:	MAW

**SR 896 (NEW LONDON RD/
SOUTH COLLEGE AVENUE/
SUMMIT BRIDGE ROAD)
INTERSECTION OVERVIEW**

SHEET NO.	311
TOTAL SHTS.	522

INTERSECTION SIGNING RECOMMENDATIONS:

- ① ③ INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ADJACENT TO STOP BAR AS SHOWN
- ② ⑥ INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- ④ ⑤ INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN

INTERSECTION STRIPING RECOMMENDATIONS:

- NONE

INTERSECTION 1: SR 896 (NEW LONDON ROAD) & FREMONT ROAD/COUNTRY CLUB DRIVE

- SR 896 (NORTH LEG): MEDIAN WIDTH OF 6 FEET
- SR 896 (SOUTH LEG): MEDIAN WIDTH OF 6 FEET
- FREMONT ROAD (EAST LEG): NO MEDIAN
- COUNTRY CLUB DRIVE (WEST LEG): NO MEDIAN



PLOTTED BY: KBLAKE DATE: 8/24/2016
 FILE LOCATION: Q:\INDE\120142_000_TRAFFIC_ENGINEERING_\CADD\1+02\DE 896_01.DGN [SHEET: 1]

ADDENDUMS / REVISIONS	

NOT TO SCALE

**SIGNALIZED MEDIAN CROSSOVER
SIGNING AND PAVEMENT MARKING
UPGRADES - STATEWIDE**

CONTRACT	PERMIT NO.	N440T
T201508305	DESIGNED BY: GYB	
COUNTY	CHECKED BY: MAW	
NEW CASTLE		

**SR 896 &
FREMONT RD/
COUNTRY CLUB DR
IMPROVEMENTS**

SHEET NO.	312
TOTAL SHTS.	522

INTERSECTION SIGNING RECOMMENDATIONS:

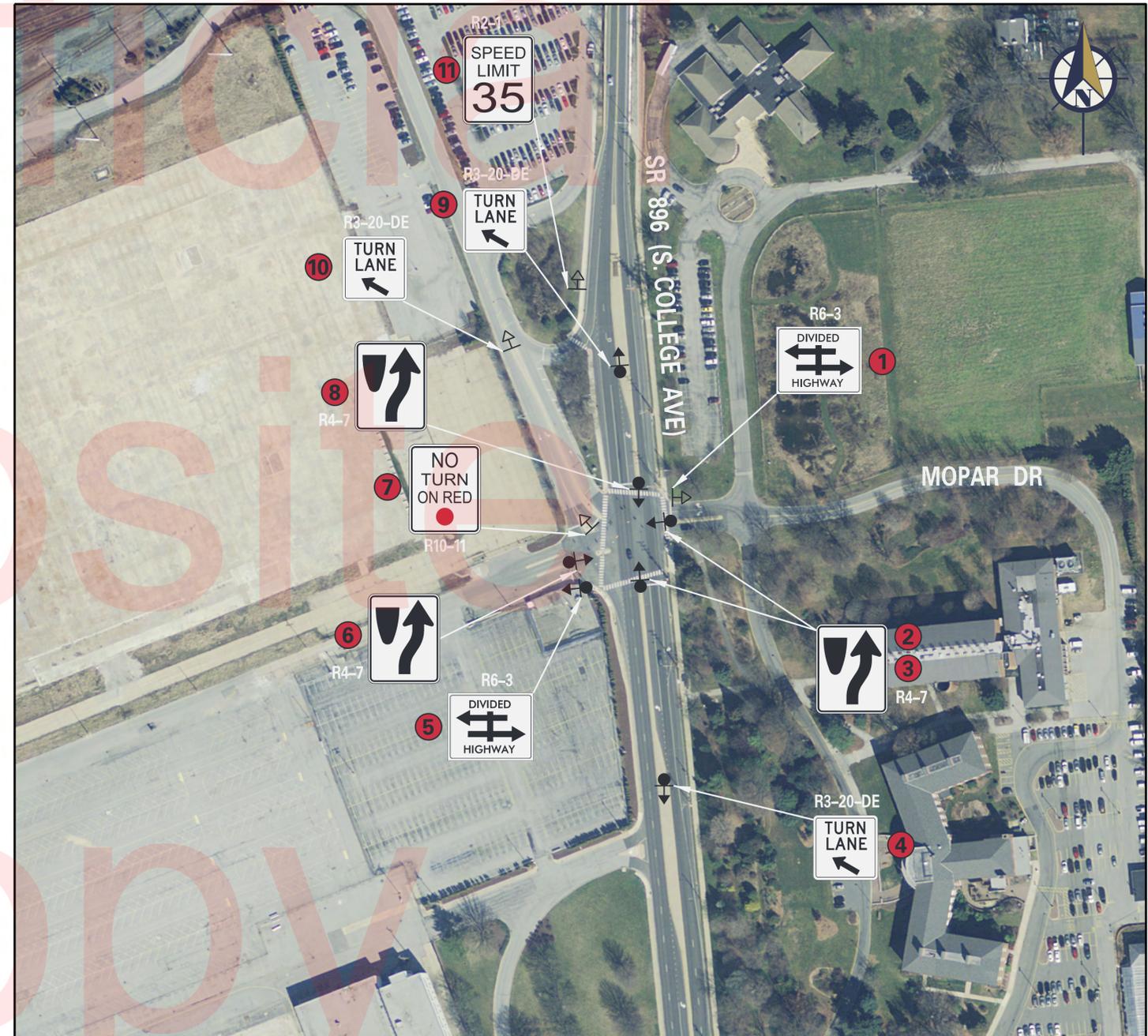
- 1 REMOVE EXISTING R10-15, "TURNING TRAFFIC MUST YIELD TO PEDESTRIANS" SIGN; INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ONTO EXISTING POST
- 2 3 6 8 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN
- 4 9 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 5 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ADJACENT TO STOP BAR AS SHOWN
- 7 REPLACE EXISTING R10-11, "NO TURN ON RED" SIGN (24"x18") WITH NEW R10-11, "NO TURN ON RED" SIGN (30"x24")
- 10 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") ON EXISTING SIGN POST BELOW R4-7, "KEEP RIGHT" SIGN
- 11 REPLACE EXISTING R2-1, "SPEED LIMIT - 35 M.P.H." SIGN (24"x30") WITH NEW R2-1, "SPEED LIMIT - 35 M.P.H." SIGN (36"x30"); REMOVE EXISTING R7-202aP-DE, "BEGIN" SIGN

INTERSECTION STRIPING RECOMMENDATIONS:

- NONE

INTERSECTION 2: SR 896 (SOUTH COLLEGE AVENUE) & MOPAR DRIVE

- SR 896 (NORTH LEG): MEDIAN WIDTH OF 6 FEET
- SR 896 (SOUTH LEG): MEDIAN WIDTH OF 5 FEET
- MOPAR DRIVE (EAST LEG): MEDIAN WIDTH OF 5 FEET
- MOPAR DRIVE (WEST LEG): MEDIAN WIDTH OF 7 FEET



RECOMMENDATION 1



RECOMMENDATION 7



RECOMMENDATION 11



INTERSECTION SIGNING RECOMMENDATIONS:

- 1 6 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ADJACENT TO STOP BAR AS SHOWN
- 2 3 7 8 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN
- 4 9 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 5 REPLACE EXISTING R1-2 "YIELD" SIGN (30"x30"x30") WITH NEW R1-2 "YIELD" SIGN (48"x48"x48") ON NEW SIGN POST IN FRONT OF SIGNAL POLE

INTERSECTION STRIPING RECOMMENDATIONS:

- NONE

INTERSECTION 3: SR 896 (S. COLLEGE AVE.) & FIELD HOUSE ENTRANCE/PLANT ENTRANCE

- SR 896 (NORTH LEG): MEDIAN WIDTH OF 5 FEET
- SR 896 (SOUTH LEG): MEDIAN WIDTH OF 5 FEET
- FIELD HOUSE ENTRANCE (EAST LEG): MEDIAN WIDTH OF 9 FEET
- PLANT ENTRANCE (WEST LEG): MEDIAN WIDTH OF 5 FEET



RECOMMENDATION 5



PLOTTED BY: KBLAKE DATE: 8/24/2016
 FILE LOCATION: Q:\INDE\120142_000_TRAFFIC_ENGINEERING_V\CADD\1+02\DE 896_01.DGN [SHEET: 1]

ADDENDUMS / REVISIONS	

NOT TO SCALE

**SIGNALIZED MEDIAN CROSSOVER
SIGNING AND PAVEMENT MARKING
UPGRADES - STATEWIDE**

CONTRACT	PERMIT NO.	N016P
T201508305	DESIGNED BY: GYB	
COUNTY	CHECKED BY: MAW	
NEW CASTLE		

**SR 896 &
FIELD HOUSE ENTRANCE
/PLANT ENTRANCE
IMPROVEMENTS**

SHEET NO.	314
TOTAL SHTS.	522

INTERSECTION SIGNING RECOMMENDATIONS:

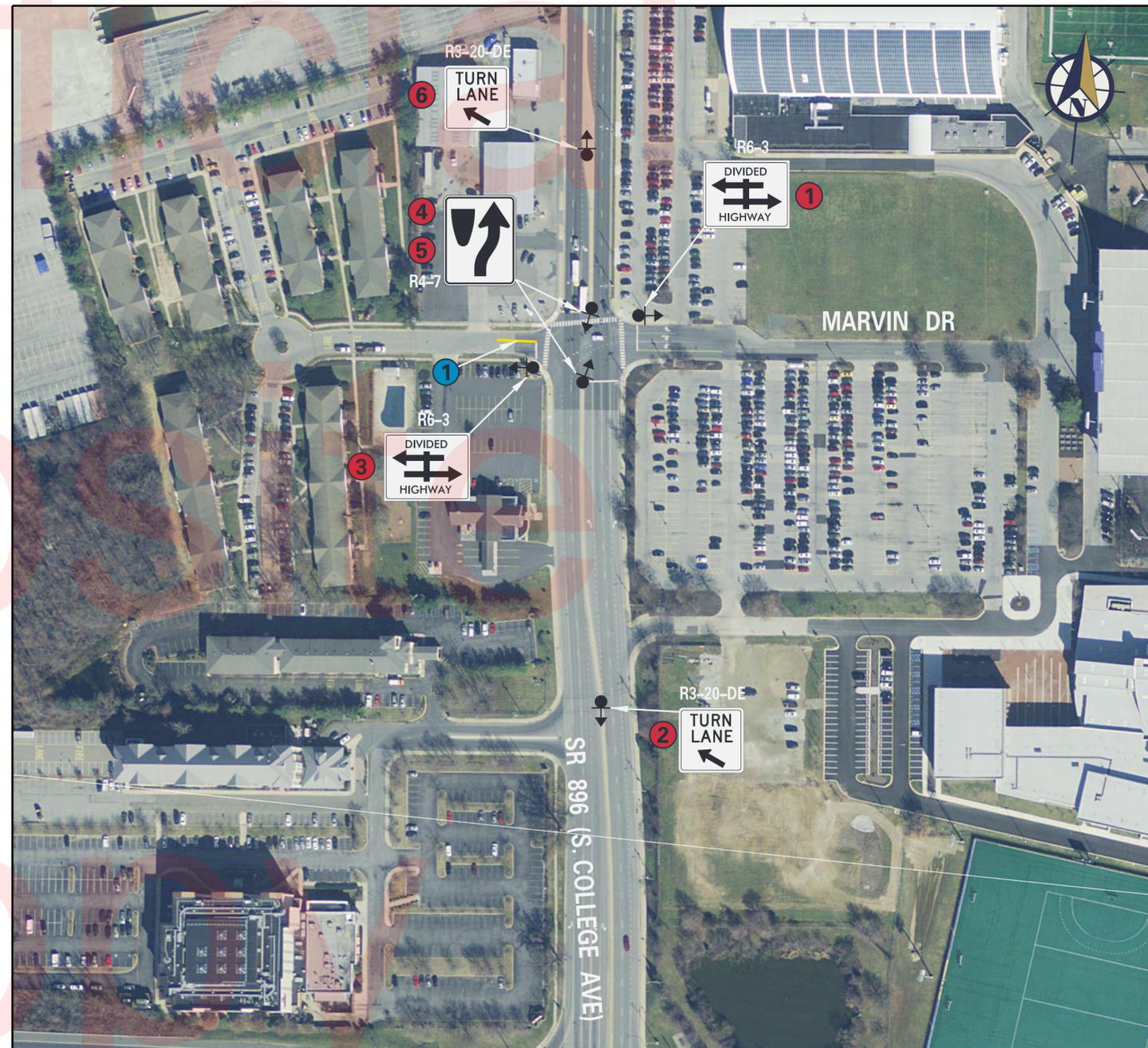
- 1 3 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ADJACENT TO STOP BAR AS SHOWN
- 2 6 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 4 5 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN

INTERSECTION STRIPING RECOMMENDATIONS:

- 1 INSTALL 50 FT OF DOUBLE YELLOW CENTER LINE; REMOVE CONFLICTING STRIPING

INTERSECTION 4: SR 896 (SOUTH COLLEGE AVENUE) & MARVIN DRIVE

- SR 896 (NORTH LEG): MEDIAN WIDTH OF 5 FEET
- SR 896 (SOUTH LEG): MEDIAN WIDTH OF 6 FEET
- MARVIN DRIVE (EAST LEG): NO MEDIAN
- MARVIN DRIVE (WEST LEG): NO MEDIAN



LEGEND:

WHITE: EXISTING CONDITIONS
 YELLOW: PROPOSED CONDITIONS

INTERSECTION SIGNING RECOMMENDATIONS:

- 1 6 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ADJACENT TO STOP BAR AS SHOWN
- 2 3 7 8 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN
- 4 REPLACE EXISTING R3-2, "NO LEFT TURN" SIGN (24"x24") AND EXISTING R3-4, "NO U-TURNS" SIGN (24"x24") WITH NEW R3-18, "NO LEFTS/NO U-TURNS" SIGN (36"x36")
- 5 REPLACE EXISTING R1-2, "YIELD" SIGN (30"x30"x30") WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 9 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 10 REPLACE EXISTING W16-8aP, "ADVANCED STREET NAME" PLAQUE WITH NEW W16-8aP, "ADVANCED STREET NAME" PLAQUE WITH UPPER/LOWERCASE TEXT

INTERSECTION STRIPING RECOMMENDATIONS:

- 1 REPLACE EXISTING FADED STOP BARS FOR ALL LEGS OF THE INTERSECTION
- 2 REMOVE EXISTING STOP BAR FROM THE EASTBOUND CHANNELIZED RIGHT TURN LANE

RECOMMENDATION 4



RECOMMENDATION 5



RECOMMENDATION 10



INTERSECTION 5: SR 896 (SOUTH COLLEGE AVENUE) & WEST CHESTNUT HILL ROAD/OLD EAST CHESTNUT HILL ROAD

- SR 896 (NORTH LEG): MEDIAN WIDTH OF 7 FEET
- SR 896 (SOUTH LEG): MEDIAN WIDTH OF 8 FEET
- OLD EAST CHESTNUT HILL ROAD (EAST LEG): MEDIAN WIDTH 11 FEET
- WEST CHESTNUT HILL ROAD (WEST LEG): MEDIAN WIDTH 10 FEET



LEGEND:

WHITE: EXISTING CONDITIONS
 YELLOW: PROPOSED CONDITIONS

INTERSECTION SIGNING RECOMMENDATIONS:

- 1 REPLACE EXISTING R1-2, "YIELD" SIGN (30"x30"x30") WITH NEW R1-2, "YIELD" SIGN (48"x48"x48");
REPLACE EXISTING R1-2aP-DE, "YIELD TO U-TURNS" PLAQUE (24"x24") WITH NEW R1-2aP-DE, "TO U-TURNING TRAFFIC" PLAQUE (24"x18")
- 2 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ONTO EXISTING SIGN POST BELOW EXISTING ROUTE ASSEMBLY ADJACENT TO STOP BAR
- 3 4 10 16 18 REMOVE EXISTING OM1-3, "OBJECT MARKER"
- 5 INSTALL R1-2, "YIELD" SIGN (48"x48"x48") AT YIELD POINT AS SHOWN
- 6 REPLACE EXISTING R3-4, "NO U-TURNS" SIGN (24"x24") WITH NEW R3-4, "NO U-TURNS" SIGN (36"x36")
- 7 REPLACE EXISTING R2-1, "SPEED LIMIT - 35 M.P.H." SIGN (24"x30") WITH NEW R2-1, "SPEED LIMIT - 35 M.P.H." SIGN (30"x36")
- 8 19 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 9 20 REPLACE EXISTING W16-8aP, "ADVANCED STREET NAME" PLAQUE WITH NEW W16-8aP, "ADVANCED STREET NAME" PLAQUE WITH UPPER/LOWERCASE TEXT
- 11 REMOVE EXISTING R1-2, "YIELD" SIGN (CURRENTLY STOP CONTROLLED)
- 12 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ADJACENT TO STOP BAR AS SHOWN
- 13 REPLACE EXISTING M6-1, "RIGHT ARROW" AUXILIARY SIGN (21"x15") WITH NEW M6-1, "RIGHT ARROW" AUXILIARY SIGN (21"x15")
- 14 REMOVE EXISTING "NEW TRAFFIC PATTERN" SIGN
- 15 REPLACE EXISTING W16-8aP, "ADVANCED STREET NAME" PLAQUE WITH NEW W16-8aP, "ADVANCED STREET NAME" PLAQUE WITH UPPER/LOWERCASE TEXT
- 17 REMOVE EXISTING OM1-3, "OBJECT MARKER"; STRAIGHTEN SIGN POST
- 21 INSTALL M3-1, "NORTH" SIGN (24"x12"), M1-5, "SR 896" SIGN (30"x24"), AND M5-1, "ADVANCE TURN ARROW" SIGN (21"x15") TO THE LEFT OF THE EXISTING "SOUTH - SR 896" ASSEMBLY

INTERSECTION STRIPING RECOMMENDATIONS:

- 1 RESTRIPE SOUTHBOUND STOP BAR, AND EXTEND ACROSS SOUTHBOUND RIGHT TURN LANE

RECOMMENDATION 1



RECOMMENDATION 9 & 20



RECOMMENDATION 11



RECOMMENDATIONS 13 & 21



RECOMMENDATION 14



RECOMMENDATION 15



INTERSECTION 6: SR 896 (SOUTH COLLEGE AVENUE) & WELSH TRACT ROAD

- SR 896 (NORTH LEG): MEDIAN WIDTH OF 6 FEET
- SR 896 (SOUTH LEG): MEDIAN WIDTH OF 6 FEET
- WELSH TRACT ROAD (EAST LEG): MEDIAN WIDTH OF 6 FEET
- WELSH TRACT ROAD (WEST LEG): MEDIAN WIDTH OF 6 FEET



LEGEND:

- WHITE: EXISTING CONDITIONS
- YELLOW: PROPOSED CONDITIONS

INTERSECTION SIGNING RECOMMENDATIONS:

- 1 8 INSTALL R1-2, "YIELD" SIGN (48"x48"x48") AT YIELD POINT AS SHOWN
- 2 13 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 3 INSTALL R6-1R/R6-1L, "ONE WAY" SIGNS (12"x36") AND R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON A CO-POST ON THE PORK CHOP ISLAND AS SHOWN
- 4 REMOVE EXISTING R6-3, "DIVIDED HIGHWAY" SIGN
- 5 REPLACE EXISTING R6-3, "DIVIDED HIGHWAY" SIGN (24"x18") WITH NEW R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") (ON BACK OF R4-7); STRAIGHTEN EXISTING SIGN POST
- 6 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") ON EXISTING POST BELOW "ADVANCED LEFT TURN" SIGN AT BEGINNING OF TURN LANE TAPER
- 7 RELOCATE EXISTING W3-3, "SIGNAL AHEAD" SIGN 300' TO THE SOUTH
- 9 REMOVE EXISTING OM1-3, "OBJECT MARKER"
- 10 REPLACE EXISTING DAMAGED "STREET BLADE"; INSTALL R6-1R/R6-1L, "ONE WAY" SIGNS (12"x36") AND R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") BELOW EXISTING STREET BLADES ON PORK CHOP ISLAND AS SHOWN
- 11 12 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN
- 14 REMOVE EXISTING "NEW TRAFFIC PATTERNS" SIGN

INTERSECTION STRIPING RECOMMENDATIONS:

- NONE

RECOMMENDATION 5



RECOMMENDATION 10



RECOMMENDATION 14



INTERSECTION 7: SR 896 (SOUTH COLLEGE AVENUE) & OLD BALTIMORE PIKE

- SR 896 (NORTH LEG): MEDIAN WIDTH OF 20 FEET
- SR 896 (SOUTH LEG): MEDIAN WIDTH OF 18 FEET
- OLD BALTIMORE PIKE (EAST LEG): MEDIAN WIDTH OF 6 FEET
- OLD BALTIMORE PIKE (WEST LEG): MEDIAN WIDTH OF 6 FEET



INTERSECTION SIGNING RECOMMENDATIONS:

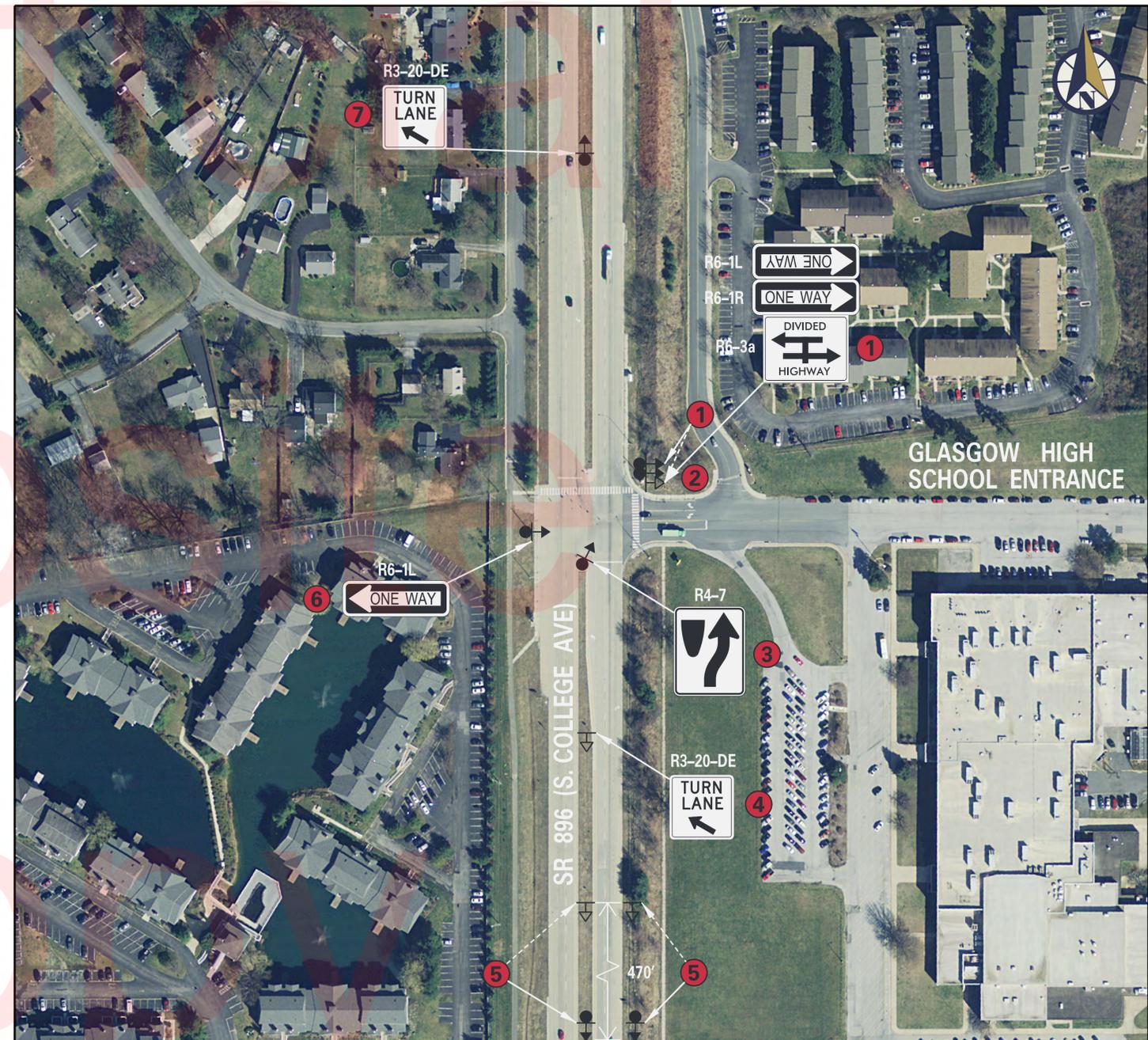
- 1 REPLACE EXISTING R10-11-DE, "NO TURN ON RED ARROW" (18"x24") WITH NEW R10-11-DE, "NO TURN ON RED ARROW" (36"x48") ON TWO NEW POSTS ADJACENT TO EXISTING POST; INSTALL R6-3a, "DIVIDED HIGHWAY - T INTERSECTION" SIGN (30"x24") AND R6-1R AND R6-1L, "ONE WAY" SIGNS (36"x12") ON EXISTING POST NEXT TO R10-11-DE AS SHOWN
- 2 REMOVE EXISTING R6-3a, "DIVIDED HIGHWAY" SIGN AND EXISTING POST
- 3 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN
- 4 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") ON EXISTING SIGN POST BELOW DEVELOPMENT SIGN AT BEGINNING OF TURN LANE TAPER
- 5 REMOVE EXISTING "DRUG FREE SCHOOL ZONE" SIGN; RELOCATE EXISTING W3-3, "SIGNAL AHEAD" SIGN (36"x36") AND EXISTING POST 470 FT SOUTH
- 6 INSTALL R6-1L, "ONE WAY" SIGN (36"x12") FACING EAST AS SHOWN
- 7 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER

INTERSECTION STRIPING RECOMMENDATIONS:

- NONE

INTERSECTION 8: SR 896 (SOUTH COLLEGE AVENUE) & GLASGOW HIGH SCHOOL ENTRANCE

- SR 896 (NORTH LEG): MEDIAN WIDTH OF 18 FEET
- SR 896 (SOUTH LEG): MEDIAN WIDTH OF 18 FEET
- GLASGOW HIGH SCHOOL ENTRANCE (EAST LEG): NO MEDIAN



RECOMMENDATION 1



RECOMMENDATION 2



RECOMMENDATION 4



RECOMMENDATION 5



INTERSECTION SIGNING RECOMMENDATIONS:

- 1 11 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 2 6 INSTALL R6-1L/R6-1R, "ONE WAY" SIGNS (12"x36") AND R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON A COPOST ON PORKCHOP ISLAND AS SHOWN
- 3 10 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN
- 4 REPLACE EXISTING W16-8aP, "ADVANCED STREET NAME" PLAQUE WITH NEW W16-8aP, "ADVANCED STREET NAME" PLAQUE WITH UPPER/LOWERCASE TEXT; RELOCATE NEW W16-8aP AND EXISTING W3-3, "SIGNAL AHEAD" SIGN 455' SOUTH
- 5 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") ON EXISTING SIGN POST AT BEGINNING OF TURN LANE TAPER
- 7 REMOVE EXISTING OM1-3, "OBJECT MARKER" SIGN
- 8 REMOVE EXISTING DAMAGED R3-7L, "LEFT LANE MUST TURN LEFT" SIGN AND INSTALL NEW R3-7L (36"x36") IN NEW LOCATION AS SHOWN USING EXISTING SIGN POST
- 9 REPLACE EXISTING R1-2, "YIELD" SIGN (36"x36"x36") WITH NEW R1-2, "YIELD SIGN (48"x48"x48")
- 12 13 INSTALL R1-2, "YIELD" SIGN (48"x48"x48") AT YIELD POINT AS SHOWN

INTERSECTION STRIPING RECOMMENDATIONS:

- 1 REMOVE THE EXISTING STOP BAR FROM THE SOUTHBOUND CHANNELIZED RIGHT TURN LANE

RECOMMENDATION 4



RECOMMENDATION 5



RECOMMENDATION 7



RECOMMENDATION 8



RECOMMENDATION 9



INTERSECTION 9: SR 896 (SOUTH COLLEGE AVENUE) & FOUR SEASON PARKWAY/OLD COUCHES BRIDGE ROAD

- SR 896 (NORTH LEG): MEDIAN WIDTH OF 18 FEET
- SR 896 (SOUTH LEG): MEDIAN WIDTH OF 10 FEET
- OLD COUCHES BRIDGE ROAD (EAST LEG): MEDIAN WIDTH OF 13 FEET
- FOUR SEASONS PARKWAY (WEST LEG): MEDIAN WIDTH OF 19 FEET

LEGEND:

WHITE: EXISTING CONDITIONS
YELLOW: PROPOSED CONDITIONS

INTERSECTION SIGNING RECOMMENDATIONS:

- 1 6 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") AND R6-1R AND R6-1L, "ONE WAY" SIGNS (36"x12") ON A CO-POST ON PORKCHOP ISLAND AS SHOWN
- 2 REMOVE EXISTING R6-3, "DIVIDED HIGHWAY" SIGN AND POST
- 3 5 7 10 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 4 REPLACE EXISTING R1-2, "YIELD" SIGN (36"x36"x36") WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 8 REPLACE EXISTING DAMAGED R4-7, "KEEP RIGHT" SIGN (24"x30") WITH NEW R4-7, "KEEP RIGHT" SIGN (24"x30")
- 9 REPLACE EXISTING DAMAGED W3-3, "SIGNAL AHEAD" SIGN (36"x36") WITH NEW W3-3, "SIGNAL AHEAD" SIGN (36"x36")
- 11 REPLACE EXISTING W16-8P, "ADVANCED STREET NAME" PLAQUE WITH NEW W16-8P, "ADVANCED STREET NAME" PLAQUE WITH UPPER/LOWERCASE TEXT

INTERSECTION STRIPING RECOMMENDATIONS:

- NONE

INTERSECTION 10: SR 896 (SOUTH COLLEGE AVENUE) & GBC DRIVE/CORPORATE BOULEVARD

- SR 896 (NORTH LEG): MEDIAN WIDTH OF 16 FEET
- SR 896 (SOUTH LEG): MEDIAN WIDTH OF 26 FEET
- GBC DRIVE (EAST LEG): MEDIAN WIDTH OF 6 FEET
- CORPORATE BOULEVARD (WEST LEG): MEDIAN WIDTH OF 14 FEET

RECOMMENDATION 2



RECOMMENDATION 4



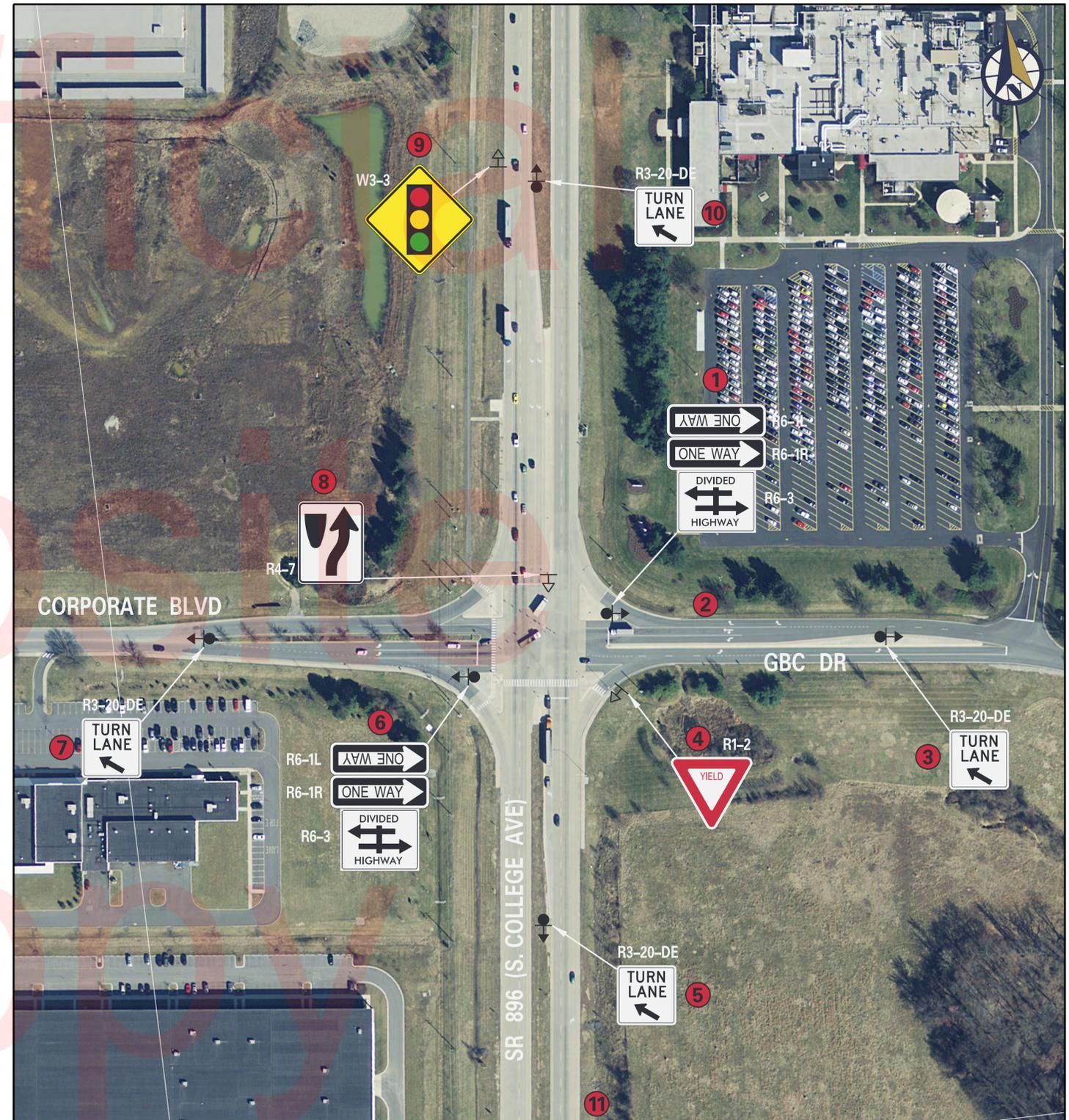
RECOMMENDATION 8



RECOMMENDATION 9



RECOMMENDATION 11



PLOTTED BY: KBLAKE DATE: 8/24/2016 FILE LOCATION: Q:\INDE\120142_000_TRAFFIC_ENGINEERING...\CADD\1\02\DE 896_02.DGN [SHEET:]

ADDENDUMS / REVISIONS	

NOT TO SCALE

SIGNALIZED MEDIAN CROSSOVER SIGNING AND PAVEMENT MARKING UPGRADES - STATEWIDE

CONTRACT	PERMIT NO.	N489
T201508305	DESIGNED BY: GYB	
COUNTY	CHECKED BY: MAW	
NEW CASTLE		

SR 896 & GBC DR/CORPORATE BLVD IMPROVEMENTS

SHEET NO.	321
TOTAL SHTS.	522

INTERSECTION SIGNING RECOMMENDATIONS:

- 1 REPLACE EXISTING R1-2, "YIELD" SIGN (36"x36"x36") WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 2 INSTALL R6-1R/R6-1L, "ONE WAY" SIGNS (36"x12") AND R6-3, "DIVIDED HIGHWAY" SIGN ON EXISTING POST BELOW STREET BLADES ON PORKCHOP ISLAND AS SHOWN
- 3 15 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 4 13 REMOVE EXISTING OM1-3, "OBJECT MARKER"
- 5 11 14 REPLACE EXISTING R1-2, "YIELD" SIGN (36"x36"x36") WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 6 17 23 24 INSTALL R5-1A, "WRONG WAY" SIGN (42"x30") FACING OPPOSING TRAFFIC AS SHOWN
- 7 RELOCATE EXISTING W3-3, "SIGNAL AHEAD" SIGN 190' SOUTH; INSTALL W16-8aP, "ADVANCED STREET NAME" PLAQUE FOR "PORTER ROAD" WITH UPPER/LOWERCASE TEXT
- 8 REPLACE EXISTING W16-8aP, "ADVANCED STREET NAME" PLAQUE WITH NEW W16-8aP, "ADVANCED STREET NAME" PLAQUE WITH UPPER/LOWERCASE TEXT; RELOCATE NEW W16-8aP AND EXISTING W3-3, "SIGNAL AHEAD" SIGN 190' TO THE SOUTH
- 9 10 16 INSTALL R5-1, "DO NOT ENTER" SIGN (36"x36") FACING OPPOSING TRAFFIC AS SHOWN
- 12 INSTALL R6-1R/R6-1L, "ONE WAY" SIGNS (36"x12") AND R6-3, "DIVIDED HIGHWAY" SIGN ON A CO-POST ON PORKCHOP ISLAND AS SHOWN
- 18 REPLACE EXISTING DAMAGED M6-1, "RIGHT TURN ARROW" SIGN (15"x21") WITH NEW M6-1, "RIGHT TURN ARROW" SIGN (15"x21"); STRAIGHTEN SIGN POST
- 19 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") ON EXISTING DESTINATION SIGN POST AT BEGINNING OF TURN LANE TAPER
- 20 REPLACE EXISTING R5-1, "DO NOT ENTER" SIGN (30"x30") WITH NEW R5-1, "DO NOT ENTER" SIGN (36"x36")
- 21 22 REPLACE EXISTING W16-8aP, "ADVANCED STREET NAME" PLAQUE WITH NEW W16-8aP, "ADVANCED STREET NAME" PLAQUE WITH UPPER/LOWERCASE TEXT
- 25 26 RELOCATE EXISTING ROUTE ASSEMBLY FROM PORK CHOP ISLAND TO 300' PRIOR TO STOP BAR; REPLACE EXISTING M6-1, "DIRECTIONAL ARROW - RIGHT" (21"x15") WITH NEW M5-1, "ADVANCED TURN ARROW - RIGHT" (21"x15")

INTERSECTION STRIPING RECOMMENDATIONS:

- NONE

RECOMMENDATION 8



RECOMMENDATION 18



RECOMMENDATION 21

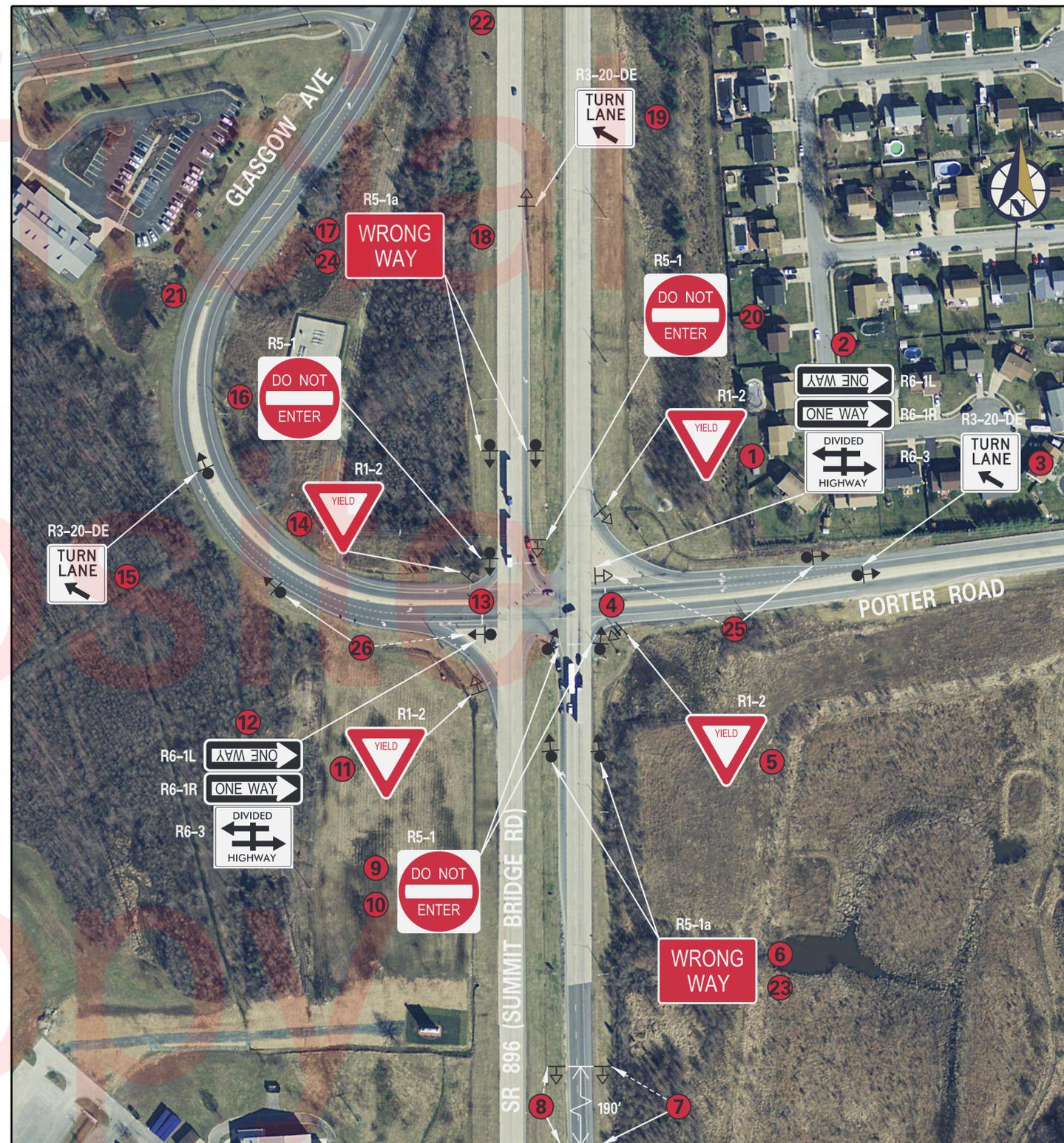


RECOMMENDATION 22



INTERSECTION 11: SR 896 (SUMMIT BRIDGE ROAD) & PORTER ROAD/GLASGOW AVENUE

- SR 896 (NORTH LEG): MEDIAN WIDTH OF 55 FEET
- SR 896 (SOUTH LEG): MEDIAN WIDTH OF 55 FEET
- PORTER ROAD (EAST LEG): MEDIAN WIDTH OF 6 FEET
- GLASGOW AVENUE (WEST LEG): MEDIAN WIDTH OF 6 FEET



INTERSECTION SIGNING RECOMMENDATIONS:

- 1 REPLACE EXISTING R3-2, "NO LEFT TURNS" SIGN (24"x24") WITH NEW R3-2, "NO LEFT TURNS" SIGN (36"x36")
- 2 3 4 REPLACE EXISTING R5-1, "DO NOT ENTER" SIGN (30"x30") WITH NEW R5-1, "DO NOT ENTER" SIGN (36"x36")
- 5 INSTALL R6-1R AND R6-1L, "ONE WAY" SIGNS (36"x12") (R6-1L: FACING EAST, R6-1R: FACING WEST)
- 6 14 INSTALL R5-1a, "WRONG WAY" SIGN (30"x42") FACING OPPOSING TRAFFIC AS SHOWN
- 7 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 8 INSTALL R6-1R AND R6-1L, "ONE WAY" SIGNS (36"x12") AND INSTALL R6-3a, "DIVIDED HIGHWAY - T INTERSECTION" SIGN (30"x24") ON COPOST ADJACENT TO STOP BAR AS SHOWN
- 9 REMOVE EXISTING R6-1L, "ONE WAY" SIGN FROM EXISTING SIGNAL POLE
- 10 REMOVE EXISTING R6-3a, "DIVIDED HIGHWAY - T INTERSECTION" SIGN FROM EXISTING ROUTE ASSEMBLY
- 11 INSTALL R5-1, "DO NOT ENTER" SIGN (36"x36") FACING OPPOSING TRAFFIC AS SHOWN
- 12 REMOVE EXISTING R3-7R, "RIGHT LANE MUST TURN RIGHT" SIGN; INSTALL R5-1a, "WRONG WAY" SIGN (30"x42") ON BACK OF EXISTING SIGN POST FACING OPPOSING TRAFFIC
- 13 REPLACE EXISTING R5-1a, "WRONG WAY" SIGN (24"x30") WITH NEW R5-1a, "WRONG WAY" SIGN (30"x42")
- 15 16 REPLACE EXISTING W16-8p, "ADVANCED STREET NAME" PLAQUE WITH NEW W16-8p, "ADVANCED STREET NAME" PLAQUE WITH UPPER/LOWERCASE TEXT

INTERSECTION 12: SR 896 (SUMMIT BRIDGE ROAD) & DENNY ROAD

- SR 896 (NORTH LEG): MEDIAN WIDTH OF 145 FEET
- SR 896 (SOUTH LEG): MEDIAN WIDTH OF 145 FEET
- DENNY ROAD (WEST LEG): NO MEDIAN

INTERSECTION STRIPING RECOMMENDATIONS:

- NONE



RECOMMENDATION 1



RECOMMENDATION 9



RECOMMENDATION 10



RECOMMENDATION 12



RECOMMENDATION 16



PLOTTED BY: KBLAKE DATE: 8/24/2016
 FILE LOCATION: Q:\INDE\120142_000_TRAFFIC_ENGINEERING_V\CADD\1\02\DE 896_03.DGN [SHEET:]

INTERSECTION SIGNING RECOMMENDATIONS:

- 1 REMOVE EXISTING R5-1, "DO NOT ENTER" SIGN FACING NORTH; REMOVE EXISTING R3-2, "NO LEFT TURNS" SIGN FACING SOUTH
- 2 INSTALL NEW R6-1R & R6-1L, "ONE WAY" SIGNS (36"x12") ON EXISTING POST BELOW STREET BLADES (R6-1R FACING EAST, R6-1L FACING WEST); REPLACE EXISTING R6-3a, "DIVIDED HIGHWAY - T INTERSECTION" SIGN (24"x18") WITH NEW R6-3a, "DIVIDED HIGHWAY - T INTERSECTION" SIGN (30"x24")
- 3 4 11 12 INSTALL R5-1, "DO NOT ENTER" SIGN (36"x36") FACING OPPOSING TRAFFIC AS SHOWN
- 5 6 13 14 INSTALL R5-1a, "WRONG WAY" SIGN (30"x42") FACING OPPOSING TRAFFIC AS SHOWN
- 7 REMOVE EXISTING R3-7R, "RIGHT LANES MUST TURN RIGHT" SIGN
- 8 9 REPLACE EXISTING W16-8aP, "ADVANCED STREET NAME" PLAQUE WITH NEW W16-8aP, "ADVANCED STREET NAME" PLAQUE WITH UPPER/LOWERCASE TEXT
- 10 INSTALL R3-2, "NO LEFT TURNS" SIGN (36"x36") ON BACK OF PROPOSED R5-1, "DO NOT ENTER" SIGN, FACING SOUTH
- 15 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") ON EXISTING RECREATIONAL SIGN POST AT BEGINNING OF TURN LANE TAPER

INTERSECTION STRIPING RECOMMENDATIONS:

- NONE

INTERSECTION 13: SR 896 (SUMMIT BRIDGE ROAD) & HOWELL SCHOOL ROAD

- SR 896 (NORTH LEG): MEDIAN WIDTH OF 145 FEET
- SR 896 (SOUTH LEG): MEDIAN WIDTH OF 145 FEET
- HOWELL SCHOOL ROAD (EAST LEG): NO MEDIAN



RECOMMENDATION 1



RECOMMENDATION 2



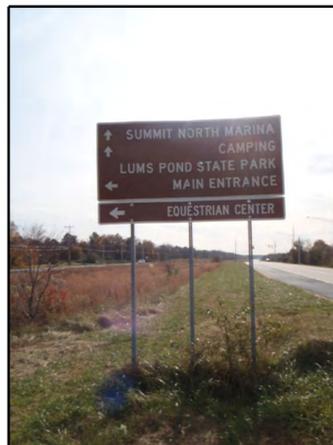
RECOMMENDATION 7



RECOMMENDATION 9



RECOMMENDATION 15



INTERSECTION SIGNING RECOMMENDATIONS:

- 1 REMOVE EXISTING R1-2, "YIELD" SIGN (ACCELERATION LANE MEETS LENGTH REQUIREMENTS)
- 2 14 INSTALL R6-1L/R6-1R, "ONE WAY" SIGNS (36"x12") AND R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON A CO-POST ON PORKCHOP ISLAND AS SHOWN
- 3 REPLACE EXISTING DAMAGED W1-8, "CHEVRON ALIGNMENT" WITH NEW W1-8, "CHEVRON ALIGNMENT" (24"x18"); STRAIGHTEN SIGN POST
- 4 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 5 6 12 15 REMOVE EXISTING OM1-3, "OBJECT MARKER"
- 7 13 17 REPLACE EXISTING R1-2, "YIELD" SIGN (30"x30"x30") WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 8 INSTALL R5-1, "DO NOT ENTER" SIGN (36"x36") FACING OPPOSING TRAFFIC AS SHOWN
- 9 REMOVE EXISTING R5-1, "DO NOT ENTER" SIGN
- 10 REPLACE EXISTING R5-1a, "WRONG WAY" SIGN (36"x24") WITH NEW R5-1a, "WRONG WAY" SIGN (42"x30"); RELOCATE SIGN AND EXISTING POST 50' SOUTH AS SHOWN
- 11 REPLACE EXISTING DAMAGED M6-2, "DIRECTIONAL ARROW" (21"x15") WITH NEW M6-2, "DIRECTIONAL ARROW" (21"x15")
- 16 REMOVE EXISTING M3-3, "SOUTH" SIGN, M1-5, "SR 896" SIGN, AND M6-1, "LEFT ARROW" SIGN ASSEMBLY
- 18 19 REPLACE EXISTING R5-1, "DO NOT ENTER" SIGN (30"x30") WITH NEW R5-1, "DO NOT ENTER" SIGN (36"x36")
- 20 21 REPLACE EXISTING R5-1a, "WRONG WAY" SIGN (36"x24") WITH NEW R5-1a, "WRONG WAY" SIGN (42"x30"); RELOCATE SIGN AND EXISTING POST 50' NORTH AS SHOWN
- 22 REARRANGE EXISTING ROUTE ASSEMBLY SIGNS FOR "NORTH" TO DISPLAY IN THE FOLLOWING ORDER (TOP TO BOTTOM): "NORTH", "US 301", "SR 896", RIGHT ARROW; REARRANGE EXISTING ROUTE ASSEMBLY SIGNS FOR "SOUTH" TO DISPLAY IN THE FOLLOWING ORDER (TOP TO BOTTOM): "SOUTH", "US 301", "SR 71", "SR 896"; REPLACE EXISTING M6-1, "LEFT ARROW" WITH NEW M5-1, "ADVANCE LEFT ARROW" (21"x15")
- 23 REMOVE EXISTING OM1-3, "OBJECT MARKER" (BACK-TO-BACK)

INTERSECTION STRIPING RECOMMENDATIONS:

- NONE

RECOMMENDATION 3



RECOMMENDATION 11



RECOMMENDATION 16



RECOMMENDATION 18



RECOMMENDATION 22



INTERSECTION 14: SR 896 (SUMMIT BRIDGE ROAD) & SR 71/BRENNAN BOULEVARD

- SR 896 (NORTH LEG): MEDIAN WIDTH OF 24 FEET
- SR 896 (SOUTH LEG): MEDIAN WIDTH OF 12 FEET
- SR 71 (EAST LEG): MEDIAN WIDTH OF 6 FEET
- BRENNAN BLVD (WEST LEG): MEDIAN WIDTH OF 6 FEET

