

**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 3 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 2 INSTALL R6-3a, "DIVIDED HIGHWAY - T-INTERSECTION" SIGN (30"x24") ADJACENT TO STOP BAR AS SHOWN
- 4 INSTALL R4-7, "KEEP RIGHT" SIGN (30"x24") ON MEDIAN NOSE AS SHOWN
- 5 REPLACE EXISTING DAMAGED "VETERANS ADMINISTRATION" SIGN WITH NEW D9-13P, "VETERANS ADMINISTRATION" SIGN (12"x24") (BLUE), "HOSPITAL" SIGN WITH NEW D9-2, "HOSPITAL" SIGN (24"x24") (BLUE), AND "DIRECTIONAL ARROW" SIGN WITH NEW M6-3, "DIRECTIONAL ARROW" SIGN (15"x21") (BLUE); INSTALL ON NEW SIGN POST; REMOVE EXISTING DAMAGED "KEEP RIGHT" SIGN

**INTERSECTION STRIPING RECOMMENDATIONS:**

- NONE

**INTERSECTION 29: SR2 (KIRKWOOD HIGHWAY) & MAPLE AVENUE**

- MAPLE AVENUE (SOUTH LEG): NO MEDIAN
- SR2 (KIRKWOOD HIGHWAY) (EAST LEG): MEDIAN WIDTH OF 14 FEET
- SR2 (KIRKWOOD HIGHWAY) (WEST LEG): MEDIAN WIDTH OF 14 FEET

RECOMMENDATION 5



**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 REPLACE EXISTING UNDERSIZED "YIELD" SIGN WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 2 REPLACE EXISTING UNDERSIZED R2-1, "SPEED LIMIT" SIGN WITH NEW R2-1, "SPEED LIMIT - 35" SIGN (36"x30")
- 3 INSTALL NEW R5-1, "DO NOT ENTER" SIGN (36"x36") ONTO EXISTING POST FACING OPPOSING TRAFFIC
- 4 INSTALL NEW R5-1, "DO NOT ENTER" SIGN (36"x36") FACING OPPOSING TRAFFIC AS SHOWN
- 5 STRAIGHTEN SIGN POST
- 6 7 10 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 8 11 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
- 9 INSTALL R4-7, "KEEP RIGHT" SIGN (30"x24") ON MEDIAN NOSE AS SHOWN
- 12 REPLACE EXISTING DAMAGED "LEFT TURN ON GREEN MUST YIELD" SIGN WITH NEW R10-12, "LEFT TURN YIELD ON GREEN" SIGN (36"x30")

**INTERSECTION STRIPING RECOMMENDATIONS:**

- 1 REPLACE 14 FT OF 16" WIDE SOLID WHITE STOP BAR ACROSS THE NORTHBOUND APPROACH

**INTERSECTION 30: SR2 (KIRKWOOD HIGHWAY) & HAZEL AVENUE/V.A. HOSPITAL ENTRANCE**

- V.A. HOSPITAL ENTRANCE (NORTH LEG): MEDIAN WIDTH OF 10 FEET
- HAZEL AVENUE (SOUTH LEG): NO MEDIAN
- SR2 (KIRKWOOD HIGHWAY) (EAST LEG): MEDIAN WIDTH OF 16 FEET
- SR2 (KIRKWOOD HIGHWAY) (WEST LEG): MEDIAN WIDTH OF 20 FEET

RECOMMENDATION 1



RECOMMENDATION 2



RECOMMENDATION 5



RECOMMENDATION 12



**LEGEND:**

WHITE: EXISTING CONDITIONS  
 YELLOW: PROPOSED CONDITIONS

**INTERSECTION 31: SR2 (KIRKWOOD HIGHWAY) & POPLAR AVENUE**

- POPLAR AVENUE (NORTH LEG): NO MEDIAN
- SR2 (KIRKWOOD HIGHWAY) (EAST LEG): MEDIAN WIDTH OF 35 FEET
- SR2 (KIRKWOOD HIGHWAY) (WEST LEG): MEDIAN WIDTH OF 12 FEET

**INTERSECTION 32: SR2 (KIRKWOOD HIGHWAY) & TAMARACK AVENUE**

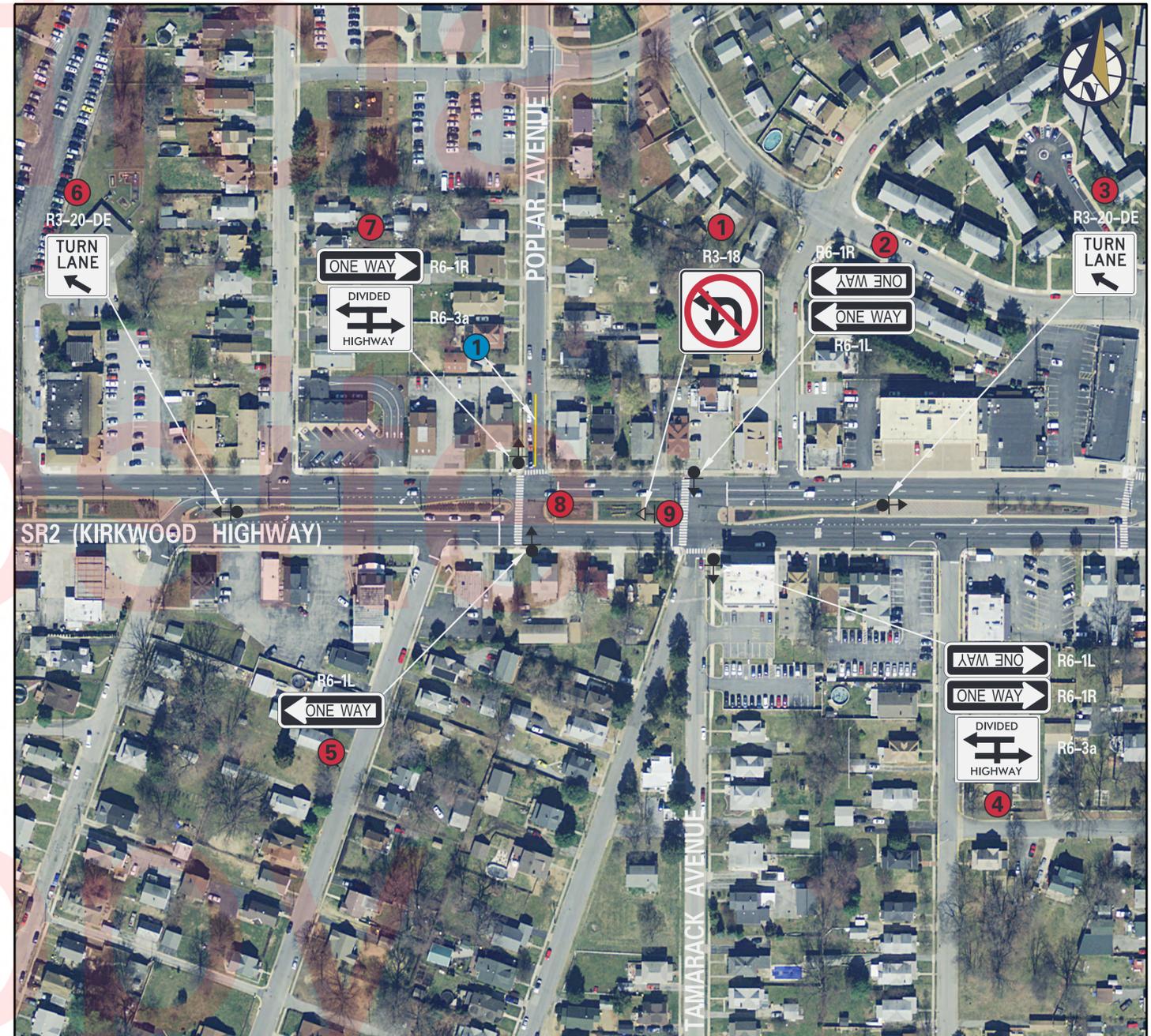
- PRIVATE DRIVE (NORTH LEG): NO MEDIAN
- TAMARACK AVENUE (SOUTH LEG): NO MEDIAN
- SR2 (KIRKWOOD HIGHWAY) (EAST LEG): MEDIAN WIDTH OF 24 FEET
- SR2 (KIRKWOOD HIGHWAY) (WEST LEG): MEDIAN WIDTH OF 35 FEET

**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 REMOVE EXISTING R3-4, "NO U-TURN" SIGN AND R3-2, "NO LEFT TURN" SIGN; INSTALL NEW R3-18, "NO U-TURN /NO LEFT TURN" SIGN (36"x36") FACING WEST
- 2 INSTALL R6-1L, "ONE WAY" SIGN (12"x36") AND R6-1R, "ONE WAY" SIGN (12"x36") BACK TO BACK FACING NORTHBOUND /SOUTHBOUND TRAFFIC WITH ARROWS POINTING WEST
- 3 6 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER AS SHOWN
- 4 7 INSTALL R6-1L, "ONE WAY" SIGN (12"x36"), R6-1R, "ONE WAY" SIGN (12"x36"), AND R6-3a, "DIVIDED HIGHWAY - T INTERSECTION" SIGN (24"x30") ADJACENT TO STOP BAR AS SHOWN
- 5 INSTALL R6-1L, "ONE WAY" SIGN (12"x36") WITH ARROW POINTING EAST AS SHOWN
- 8 9 REMOVE EXISTING "KEEP RIGHT" SIGN ON EXISTING UTILITY POLE

**INTERSECTION STRIPING RECOMMENDATIONS:**

- 1 INSTALL 100 FT OF 5" SOLID DOUBLE YELLOW CENTERLINE ALONG THE SOUTHBOUND APPROACH



RECOMMENDATION 1



RECOMMENDATION 8



**LEGEND:**

WHITE: EXISTING CONDITIONS  
YELLOW: PROPOSED CONDITIONS

**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 REMOVE EXISTING R3-4, "NO U-TURN" SIGN AND R3-2, "NO LEFT TURN" SIGN; INSTALL NEW R3-18, "NO U-TURN /NO LEFT TURN" SIGN (36"x36") FACING EAST
- 2 RELOCATE EXISTING "ONE WAY" SIGNS FACING EAST AND WEST HIGHER ON POST BELOW "STREET BLADE" SIGNS; REPLACE EXISTING "NO TURN ON RED" SIGN FACING SOUTH WITH NEW R10-11, "NO TURN ON RED" SIGN (48"x36"); REPLACE EXISTING DAMAGED "DO NOT ENTER" SIGN FACING NORTH WITH NEW R5-1, "DO NOT ENTER" SIGN (36"x36"); INSTALL NEW R6-3, "DIVIDED HIGHWAY" SIGN (24"x30") BELOW "NO TURN ON RED" SIGN FACING SOUTH
- 3 REPLACE EXISTING UNDERSIZED "DO NOT ENTER" SIGN WITH NEW R5-1, "DO NOT ENTER" SIGN (36"x36"); REMOVE EXISTING R3-7, "LEFT LANE MUST TURN LEFT" SIGN
- 4 INSTALL NEW R3-7, "LEFT LANE MUST TURN LEFT" SIGN (36"x36") ON EXISTING UTILITY POLE FACING SOUTH TO INCREASE VISIBILITY
- 5 REPLACE EXISTING UNDERSIZED "NO RIGHT TURN" SIGN WITH NEW R3-1, "NO RIGHT TURN" SIGN (36"x36") ON UTILITY POLE
- 6 REPLACE EXISTING UNDERSIZED R2-1, "SPEED LIMIT" SIGN WITH NEW R2-1, "SPEED LIMIT - 35" SIGN (36"x30")
- 7 REPLACE EXISTING DAMAGED "ONE WAY" SIGN WITH NEW R6-1R, "ONE WAY" SIGN (12"x36")
- 8 REPLACE EXISTING DAMAGED "DO NOT ENTER" SIGN WITH NEW R5-1, "DO NOT ENTER" SIGN (36"x36")
- 9 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 10 INSTALL R4-7, "KEEP RIGHT" SIGN (30"x24") ON MEDIAN NOSE AS SHOWN
- 11 INSTALL NEW R10-11, "NO TURN ON RED" SIGN (30"x24") AND R6-3, "DIVIDED HIGHWAY" SIGN (24"x30") PRIOR TO UTILITY POLE AS SHOWN
- 12 REPLACE EXISTING UNDERSIZED "NO LEFT TURN" SIGN WITH NEW R3-2, "NO LEFT TURN" SIGN (36"x36"); RELOCATE EXISTING SIGN POST AND OTHER EXISTING SIGNS 100' NORTH AS SHOWN
- 13 TRIM FOLIAGE BLOCKING SIGN ASSEMBLY
- 14 REPLACE EXISTING "STOP HERE ON RED" SIGN WITH NEW R10-6, "STOP HERE ON RED" SIGN (36"x24")
- 15 REMOVE EXISTING R10-11, "NO TURN ON RED" SIGN AND EXISTING SIGN POST (SEE RECOMMENDATION #11)

**INTERSECTION STRIPING RECOMMENDATIONS:**

- 1 RESTRIPE 25 FT OF 16" WIDE SOLID WHITE STOP BAR ACROSS THE NORTHBOUND APPROACH
- 2 RESTRIPE 20 FT OF 16" WIDE SOLID WHITE STOP BAR ACROSS THE SOUTHBOUND APPROACH
- 3 ADD 100 FT OF 5" WIDE SOLID DOUBLE YELLOW CENTERLINE TO THE NORTHERN LEG OF INTERSECTION

RECOMMENDATION 1



RECOMMENDATION 2



RECOMMENDATION 7



RECOMMENDATION 12



RECOMMENDATION 13



RECOMMENDATION 15



**INTERSECTION 33: SR2 (KIRKWOOD HIGHWAY) & SANDERS ROAD/LINDEN AVENUE**

- SANDERS ROAD (NORTH LEG): NO MEDIAN
- LINDEN AVENUE (SOUTH LEG): NO MEDIAN
- SR2 (KIRKWOOD HIGHWAY) (EAST LEG): MEDIAN WIDTH OF 8 FEET
- SR2 (KIRKWOOD HIGHWAY) (WEST LEG): MEDIAN WIDTH OF 12 FEET



**LEGEND:**

WHITE: EXISTING CONDITIONS  
YELLOW: PROPOSED CONDITIONS

**INTERSECTION SIGNING RECOMMENDATIONS:**

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

**INTERSECTION STRIPING RECOMMENDATIONS:**

- 1 RESTRIPE EXISTING DOUBLE YELLOW STRIPING ON THE SOUTHERN LEG OF THE INTERSECTION WITH 100 FT OF 5" WIDE SOLID DOUBLE YELLOW CENTERLINE
- 2 INSTALL 100 FT OF 5" WIDE SOLID DOUBLE YELLOW CENTERLINE ON THE NORTHERN LEG OF INTERSECTION

**INTERSECTION 34: SR2 (KIRKWOOD HIGHWAY) & OHIO AVENUE**

- OHIO AVENUE (NORTH LEG): NO MEDIAN
- OHIO AVENUE (SOUTH LEG): NO MEDIAN
- SR2 (KIRKWOOD HIGHWAY) (EAST LEG): MEDIAN WIDTH OF 5 FEET
- SR2 (KIRKWOOD HIGHWAY) (WEST LEG): MEDIAN WIDTH OF 4 FEET

RECOMMENDATION 4



**LEGEND:**

WHITE: EXISTING CONDITIONS  
 YELLOW: PROPOSED CONDITIONS

**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 10 15 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (24"x30") ADJACENT TO STOP BAR AS SHOWN
- 2 REPLACE EXISTING UNDERSIZED "YIELD" SIGN WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 3 REMOVE EXISTING "STATE ROUTE 2" SIGN AND REMOVE EXISTING M6-3, "DIRECTIONAL ARROW" SIGN; REPLACE EXISTING "STATE ROUTE 100" SIGN WITH NEW M1-5, "STATE ROUTE 100" SIGN (24"x30"); REMOVE EXISTING M6-4, "DIRECTIONAL ARROW" SIGN; INSTALL NEW M2-1, "JUNCTION" SIGN (21"x15") SIGN ABOVE NEW "SR 100" SIGN
- 4 8 12 17 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 5 INSTALL R4-7, "KEEP RIGHT" SIGN (30"x24") ON MEDIAN NOSE AS SHOWN
- 6 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (24"x30") ON EXISTING ROUTE ASSEMBLY SIGN POST; RELOCATE "WEST STATE ROUTE 2" ROUTE ASSEMBLY TO THE OUTSIDE LEFT, REPLACE EXISTING M6-1, "DIRECTIONAL ARROW - LEFT" SIGN WITH NEW M5-1, "ADVANCE TURN ARROW - LEFT" SIGN (21"x15"); RELOCATE "NORTH STATE ROUTE 100" ROUTE ASSEMBLY TO THE MIDDLE OF THE ASSEMBLIES
- 7 REPLACE EXISTING DAMAGED R4-7, "KEEP RIGHT" SIGN WITH NEW R4-7, "KEEP RIGHT" SIGN (30"x24")
- 9 REPLACE EXISTING UNDERSIZED R1-2, "YIELD" SIGN WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 11 REPLACE EXISTING "RED LIGHT PHOTO ENFORCED" SIGN WITH NEW R10-18a, "TRAFFIC SIGNAL PHOTO ENFORCED" SIGN (30"x42")
- 13 REPLACE EXISTING UNDERSIZED "NO U-TURN" SIGN WITH NEW R3-4, "NO U-TURN" SIGN (36"x36"); REMOVE EXISTING OBJECT MARKER
- 14 REPLACE EXISTING DAMAGED "DIRECTIONAL ARROW" WITH NEW M6-3, "DIRECTIONAL ARROW" (15"x21"); RELOCATE "EAST STATE ROUTE 2" ROUTE ASSEMBLY TO THE OUTSIDE LEFT, REPLACE EXISTING M6-1, "DIRECTIONAL ARROW - LEFT" SIGN WITH NEW M5-1, "ADVANCE TURN ARROW - LEFT" SIGN (21"x15"); RELOCATE "SOUTH STATE ROUTE 100" ROUTE ASSEMBLY TO THE MIDDLE OF THE ROUTE ASSEMBLIES
- 16 REPLACE EXISTING DAMAGED "KEEP RIGHT" SIGN WITH NEW R4-7, "KEEP RIGHT" SIGN (30"x24") AND INSTALL ON NEW SIGN POST ON MEDIAN NOSE AS SHOWN
- 18 INSTALL NEW M3-4, "WEST" SIGN (12"x24") AND NEW M1-5, "STATE ROUTE 2" SIGN (24"x24") FACING EAST AS SHOWN

**INTERSECTION STRIPING RECOMMENDATIONS:**

- 1 RESTRIPE 35 FT OF 16" WIDE SOLID WHITE STOP BAR ACROSS THE WESTBOUND APPROACH
- 2 RESTRIPE 35 FT OF 16" WIDE SOLID WHITE STOP BAR ACROSS THE NORTHBOUND APPROACH

RECOMMENDATION 3



RECOMMENDATION 13



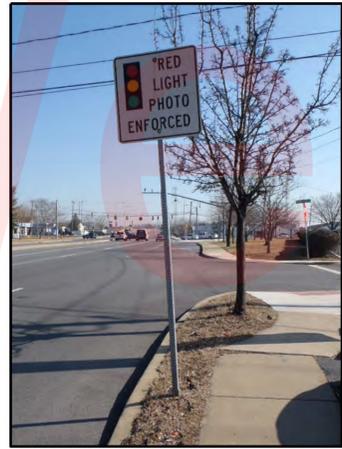
RECOMMENDATION 6



RECOMMENDATION 14



RECOMMENDATION 11



RECOMMENDATION 16



**INTERSECTION 35: SR2 (KIRKWOOD HIGHWAY) & DUPONT ROAD**

- NORTH DUPONT ROAD (NORTH LEG): MEDIAN WIDTH OF 7 FEET
- SOUTH DUPONT ROAD (SOUTH LEG): MEDIAN WIDTH OF 6 FEET
- SR2 (KIRKWOOD HIGHWAY) (EAST LEG): MEDIAN WIDTH OF 5 FEET
- SR2 (KIRKWOOD HIGHWAY) (WEST LEG): MEDIAN WIDTH OF 7 FEET



**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 2\_07.DGN [ SHEET: 1 ]

ADDENDUMS / REVISIONS	

NOT TO SCALE

STATEWIDE DIVIDED HIGHWAY SAFETY STUDY: PHASE III

CONTRACT	PERMIT NO.	N272
T201508305	DESIGNED BY:	GYB/ALB
COUNTY	CHECKED BY:	MAW
NEW CASTLE		

SR2 (KIRKWOOD HWY) & DUPONT ROAD IMPROVEMENTS

SHEET NO.	136
TOTAL SHTS.	522

CORRIDOR: SR 2

SR 2 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)
1	McIntire Drive	110.13	85.88	130.38	-	4	-	-	-	-	-	-	108	-	-	-	450	-	-	-	-	-
2	Otts Chapel Road	117.13	48.50	126.13	3	10	-	-	-	-	34	-	45	-	-	-	-	-	-	-	-	-
3	Interchange Boulevard	107.50	30.00	116.50	-	13	-	-	-	-	-	-	35	-	-	-	-	-	-	-	-	-
4	SR 4/Suburban Drive	118.25	73.63	133.44	4	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	SR 72/College Square	144.19	80.69	144.19	6	6	-	-	-	-	-	-	95	-	-	-	-	-	-	-	-	-
6	SR 273 (Ogletown Road)/East Main Street	64.50	21.88	64.50	4	6	-	-	-	-	-	1560	96	3	-	64	-	28	-	253	305	-
7	East Cleveland Avenue/Woodlawn Avenue	36.44	50.56	57.44	4	6	-	-	-	-	-	-	110	-	-	-	-	-	-	-	-	-
8	Anna Way	25.75	30.31	34.75	4	6	-	-	-	-	-	-	108	-	-	-	-	-	-	-	-	-
9	Possum Park Road	42.06	36.69	58.44	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Delaplane Avenue/Melrose Place Drive	54.50	17.75	54.50	6	7	-	-	-	-	-	-	26	-	-	-	-	-	-	-	-	-
11	Polly Drummond Hill Road/Red Mill Road	114.06	90.25	123.06	6	8	-	-	-	-	-	-	140	-	-	-	-	-	-	-	-	-
12	Brewster Drive	17.25	9.00	17.25	1	4	-	-	-	-	-	-	116	-	-	-	-	-	-	-	-	-
13	North Harmony Road	46.50	36.75	51.50	3	4	-	-	-	-	-	-	94	-	-	-	-	-	-	-	-	-
14	East Green Valley Circle	24.25	16.13	24.25	-	2	-	-	-	-	-	-	95	-	-	-	-	-	-	-	-	-
15	Meadowood Drive	30.50	11.50	30.50	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Pike Creek Road	22.50	6.75	22.50	2	4	-	-	-	-	-	-	35	-	-	-	-	-	-	-	-	-
17	Harrison Avenue	103.00	29.75	112.00	4	13	-	-	-	-	-	-	-	3	2	64	-	-	-	207	145	-
18	Milltown Road	126.00	49.75	126.00	5	14	-	-	-	-	-	-	32	-	-	-	-	-	-	-	-	-
19	St. James Church Road/Griffin Drive	37.63	53.50	66.00	2	3	-	-	-	-	-	-	145	-	-	-	-	-	-	-	-	-
20	SR 7 (Limestone Road)	97.94	57.44	97.94	8	9	-	-	-	-	-	-	194	-	-	-	-	-	-	-	-	-
21	Shopping Center Access	84.19	40.19	84.19	4	6	-	-	-	-	-	-	38	-	-	-	-	-	-	-	-	-
22	Farrand Drive	67.38	19.88	67.38	6	7	-	-	-	-	-	-	44	-	-	-	-	-	-	-	-	-
23	Duncan Road	50.44	54.25	81.00	4	5	-	-	-	-	-	-	12	-	-	-	-	-	-	-	-	-
24	SR 41/Newport Gap Pike	133.50	81.75	149.88	14	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Albertson Boulevard	134.75	87.50	134.75	4	4	-	-	-	-	-	-	25	-	-	-	-	-	-	-	-	-
26	Radio Shack Entrance	52.25	11.00	52.25	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	Clifton Avenue	32.50	4.50	32.50	4	6	-	-	-	-	-	-	-	-	-	-	300	-	-	-	-	-
28	Shopping Center Access	26.25	8.00	26.25	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	Maple Avenue	22.69	13.19	22.69	2	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Hazel Avenue/V.A. Hospital Entrance	74.75	13.13	74.75	1	7	-	-	-	-	-	-	14	-	-	-	-	-	-	-	-	-
31&32	Poplar Avenue & Tamarack Avenue	41.50	18.00	41.50	1	5	-	-	-	-	-	-	-	-	-	-	200	-	-	-	-	-
33	Sanders Road/Linden Avenue	113.75	79.00	124.25	2	4	-	-	-	-	-	-	45	-	-	-	200	-	-	-	-	-
34	Ohio Avenue	24.50	-	24.50	4	6	-	-	-	-	-	-	400	-	-	-	-	-	-	-	-	-
35	DuPont Road	97.50	82.13	125.50	8	10	-	-	-	-	-	-	70	-	-	-	-	-	-	-	-	-
<b>Quantity Total:</b>		2397	1350	2633	130	225	0	0	0	0	34	1560	1722	6	2	128	1550	28	0	460	450	-

PLOTTED BY: KBLAKE DATE: 8/24/2016  
 FILE LOCATION: Q:\INDE\120142\_000\_TRAFFIC\_ENGINEERING...\CADD\1+02\QUANTITY SHEETS.DGN [ SHEET: J ]



ADDENDUMS / REVISIONS

NOT TO SCALE

SIGNALIZED MEDIAN CROSSOVER  
 SIGNING AND PAVEMENT MARKING  
 UPGRADES - STATEWIDE

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

SR 2  
 INTERSECTION QUANTITIES

SHEET NO.: 137  
 TOTAL SHTS.: 522

**SIGNALIZED MEDIAN CROSSOVER LOCATIONS: SR 4 (CHRISTINA PARKWAY/EAST CHESTNUT HILL ROAD)**

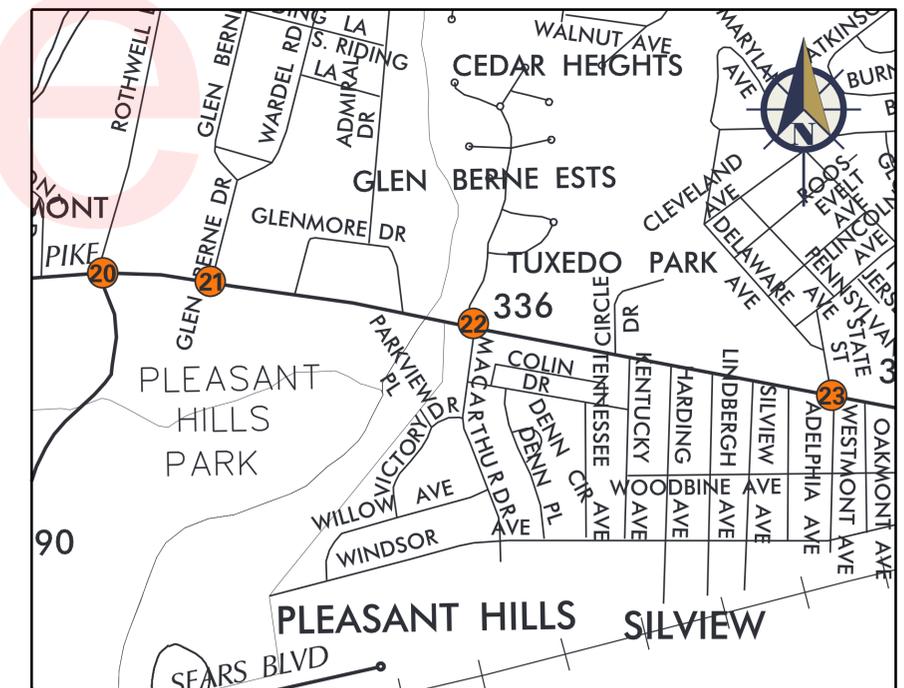
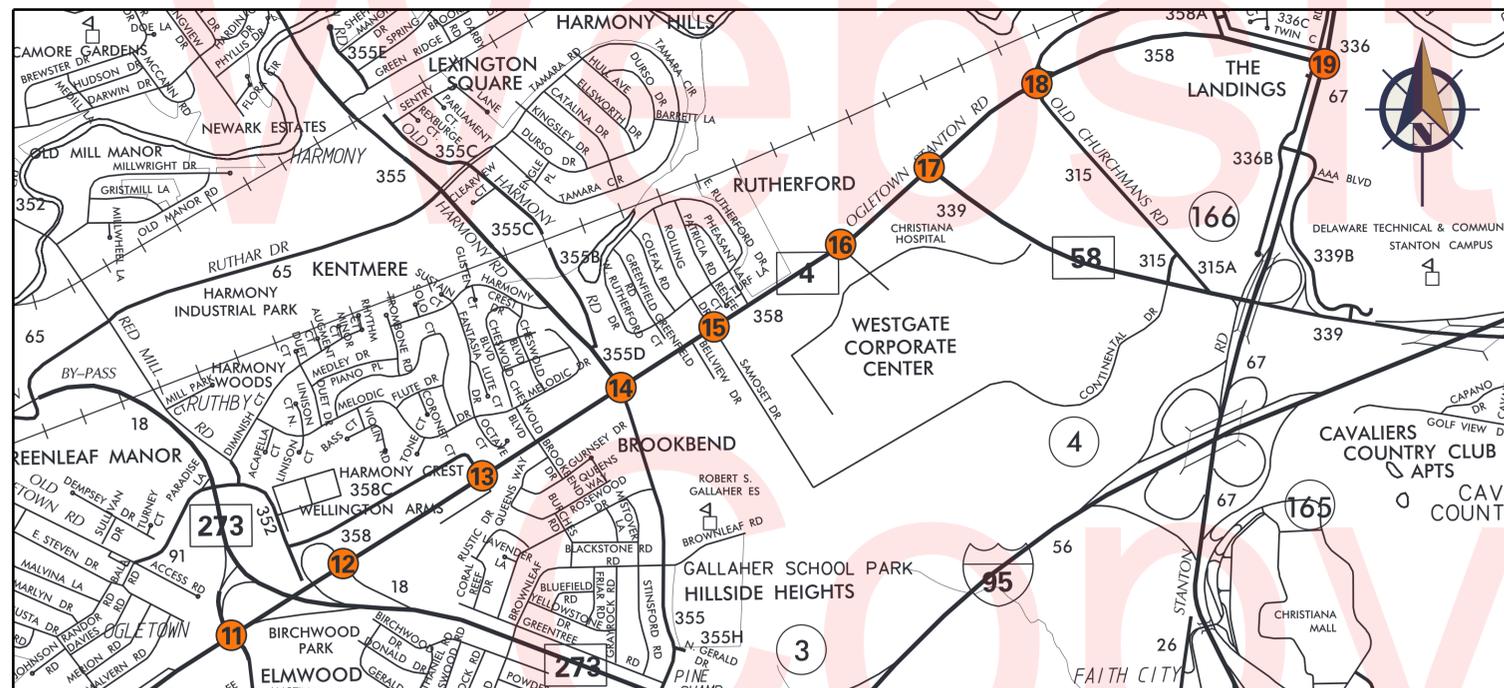
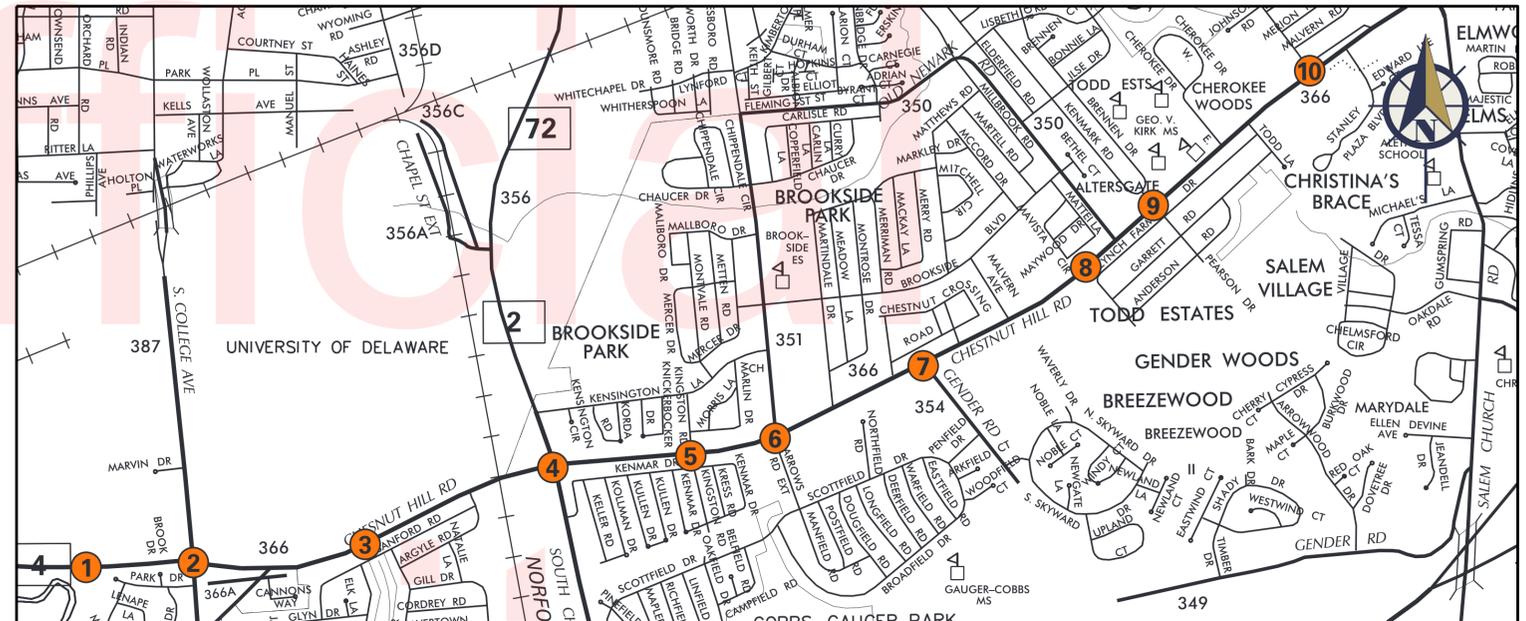
- 1 CHRYSLER PLANT ENTRANCE
- 2 SR 896/S. COLLEGE AVENUE
- 3 ROBSCOTT TURN
- 4 SR 72
- 5 KINGSTON ROAD
- 6 MARROWS ROAD
- 7 GENDER ROAD
- 8 EASTBOUND CROSSOVER
- 9 PEARSON DRIVE
- 10 AUGUSTA DRIVE

**SR 4 (OGLETOWN STANTON ROAD)**

- 11 SALEM CHURCH ROAD
- 12 SR 273 OFF-RAMPS
- 13 PRIDES CROSSING
- 14 HARMONY ROAD
- 15 SAMOSET DRIVE/ROLLING DRIVE
- 16 HYGEIA DRIVE
- 17 SR 58
- 18 OLD CHURCHMANS ROAD
- 19 SR 7

**SR 4 (WEST NEWPORT PIKE)**

- 20 FIRST STATE BOULEVARD
- 21 GLEN BERNE DRIVE
- 22 HERSHEY RUN DRIVE
- 23 STATE STREET



CORRIDOR: SR 4 (CHRISTINA PKWY/E. CHESTNUT HILL RD)

DATE: 8/24/2016 PLOTTED BY: KBLAKE FILE LOCATION: Q:\INDE\120142\_000\_TRAFFIC\_ENGINEERING\_V\CADD\1+02\DE 4\_01.DGN [ SHEET : ]

ADDENDUMS / REVISIONS

NOT TO SCALE

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

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

**SR 4 (CHRISTINA PKWY/E. CHESTNUT HILL RD) INTERSECTION OVERVIEW**

SHEET NO.	138
TOTAL SHTS.	522

**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 7 INSTALL R1-2, "YIELD" SIGN (48"x48"x48") AT YIELD POINT AS SHOWN
- 2 REPLACE EXISTING R3-4, "NO U-TURN" SIGN (24"x24") WITH NEW R3-4, "NO U-TURN" SIGN (36"x36")
- 3 4 5 REPLACE EXISTING FADED R7-4-DE, "NO STOPPING STANDING OR PARKING" SIGN (24"x18") WITH NEW R7-4-DE, "NO STOPPING STANDING OR PARKING SIGN (24"x18"); TRIM FOLIAGE BLOCKING VIEW OF SIGNS
- 6 INSTALL R6-1L, "ONE WAY - LEFT" SIGN (36"x12") FACING NORTH AS SHOWN
- 8 INSTALL R6-1R, "ONE WAY - RIGHT" SIGN (36"x12") AND R6-3a, "DIVIDED HIGHWAY - T INTERSECTION" SIGN (30"x24") ON PORK CHOP ISLAND FACING NORTH AS SHOWN

**INTERSECTION STRIPING RECOMMENDATIONS:**

- NONE

**INTERSECTION 1: SR 4 (CHRISTINA PARKWAY) & CHRYSLER PLANT ENTRANCE**

- CHRYSLER PLANT ENTRANCE (NORTH LEG): NO MEDIAN
- SR 4 (EAST LEG): MEDIAN WIDTH OF 18 FEET
- SR 4 (WEST LEG): MEDIAN WIDTH OF 7 FEET



RECOMMENDATION 2



RECOMMENDATION 3



RECOMMENDATION 5



**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 2 3 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN (2012 HEP, SITE W)
- 4 15 16 23 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON PORK CHOP ISLAND AS SHOWN
- 5 REPLACE EXISTING DAMAGED R7-4-DE, "NO STOPPING STANDING OR PARKING" SIGN WITH NEW R7-4-DE, "NO STOPPING STANDING OR PARKING" SIGN (18"x24")
- 6 14 21 25 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 7 RELOCATE EXISTING R7-4-DE, "NO STOPPING STANDING OR PARKING" SIGN AND R8-3hP, "SATURDAY 10AM-5PM" PLAQUE FROM BELOW EXISTING W3-3, "SIGNAL AHEAD" SIGN ONTO NEW SIGN POST 100' EAST OF W3-3; INSTALL W16-8aP, "ADVANCED STREET NAME" PLAQUE UNDER W3-3 FOR "SOUTH COLLEGE AVE" (2012 HEP, SITE W)
- 8 INSTALL R1-2, "YIELD" SIGN (48"x48"x48") AT YIELD POINT AS SHOWN (2012 HEP, SITE W)
- 9 18 19 TRIM FOLIAGE BLOCKING DIRECTIONAL ASSEMBLY (2012 HEP, SITE W)
- 10 REPLACE EXISTING DAMAGED M6-1L, "DIRECTIONAL ARROW - LEFT" SIGN WITH NEW M6-1L, "DIRECTIONAL ARROW - LEFT" SIGN (21"x15")
- 11 REPLACE EXISTING "RED LIGHT PHOTO ENFORCED" SIGN WITH NEW R10-18a, "TRAFFIC SIGNAL PHOTO ENFORCED" SIGN (30"x42")
- 12 REPLACE EXISTING R3-1, "NO RIGHT TURN" SIGN (24"x24") WITH NEW R3-1, "NO RIGHT TURN" SIGN (36"x36")
- 13 REPLACE EXISTING R2-1, "SPEED LIMIT" SIGN (24"x30") WITH NEW R2-1, "SPEED LIMIT" SIGN (30"x36")
- 17 22 REPLACE EXISTING UNDERSIZED R1-2, "YIELD" SIGN WITH NEW R1-2, "YIELD" SIGN (48"x48"x48") (2012 HEP, SITE W)
- 20 REPLACE EXISTING DAMAGED W3-3, "SIGNAL AHEAD" SIGN WITH NEW W3-3, "SIGNAL AHEAD" SIGN (36"x36"); REPLACE EXISTING R7-4-DE, "NO STOPPING STANDING OR PARKING" SIGN AND R8-3hP, "SATURDAY 10AM-5PM" PLAQUE WITH NEW R7-4-DE (18"x24") AND NEW R8-3hP (18"x6") AND PLACE EACH ON NEW SIGN POST 100' WEST OF W3-3; INSTALL NEW W16-8aP, "ADVANCED STREET NAME" PLAQUE UNDER RENEWED W3-3 FOR "SOUTH COLLEGE AVE" (2012 HEP, SITE W)
- 24 STRAIGHTEN EXISTING SIGN POST

**INTERSECTION STRIPING RECOMMENDATIONS:**

- 1 REPLACE ALL FADED STOPBARS AT THE INTERSECTION (2012 HEP, SITE W) (NORTHBOUND 50' LENGTH, SOUTHBOUND 48' LENGTH, EASTBOUND 46' LENGTH, WESTBOUND 50' LENGTH)

RECOMMENDATION 7



RECOMMENDATION 9



RECOMMENDATION 10



RECOMMENDATION 11



RECOMMENDATION 18



RECOMMENDATION 20



RECOMMENDATION 24



**INTERSECTION 2: SR 4 (CHRISTINA PKWY) & SR 896 (S. COLLEGE AVE)**

- SR 896 (NORTH LEG): MEDIAN WIDTH OF 8 FEET
- SR 896 (SOUTH LEG): MEDIAN WIDTH OF 7 FEET
- SR 4 (EAST LEG): MEDIAN WIDTH OF 17 FEET
- SR 4 (WEST LEG): MEDIAN WIDTH OF 14 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")
- 2 INSTALL BACK TO BACK R6-1L/R6-1R, "ONE WAY" SIGNS (12"x36") (R6-1L: FACING NORTH, R6-1R: FACING SOUTH) AND R6-3a, "DIVIDED HIGHWAY - T INTERSECTION" SIGN (30"x24") ON PORK CHOP ISLAND AS SHOWN
- 3 REMOVE EXISTING R1-2, "YIELD" SIGN (STOP CONDITION EXISTS)
- 4 REPLACE EXISTING "LEFT TURN ON GREEN MUST YIELD" SIGN (24"x30") WITH NEW R10-12, "LEFT TURN YIELD ON GREEN" SIGN (30"x36"); REMOVE EXISTING OM1-3, "OBJECT MARKER"
- 5 REPLACE EXISTING DAMAGED R7-4-DE, "NO STOPPING STANDING OR PARKING" SIGN (18"x24") WITH NEW R7-4-DE, "NO STOPPING STANDING OR PARKING" SIGN (18"x24"); TRIM FOLIAGE BLOCKING VIEW OF SIGNS
- 6 INSTALL R6-1L, "ONE WAY" SIGN (18"x54") FACING SOUTH AS SHOWN

**INTERSECTION STRIPING RECOMMENDATIONS:**

- NONE

**INTERSECTION 3: SR 4 (CHRISTINA PARKWAY) & ROBSCOTT TURN**

- ROBSCOTT TURN (SOUTH LEG): MEDIAN WIDTH OF 20 FEET
- SR 4 (EAST LEG): MEDIAN WIDTH OF 28 FEET
- SR 4 (WEST LEG): MEDIAN WIDTH OF 28 FEET



RECOMMENDATION 1



RECOMMENDATION 4



RECOMMENDATION 4



RECOMMENDATION 5



**INTERSECTION SIGNING RECOMMENDATIONS:**

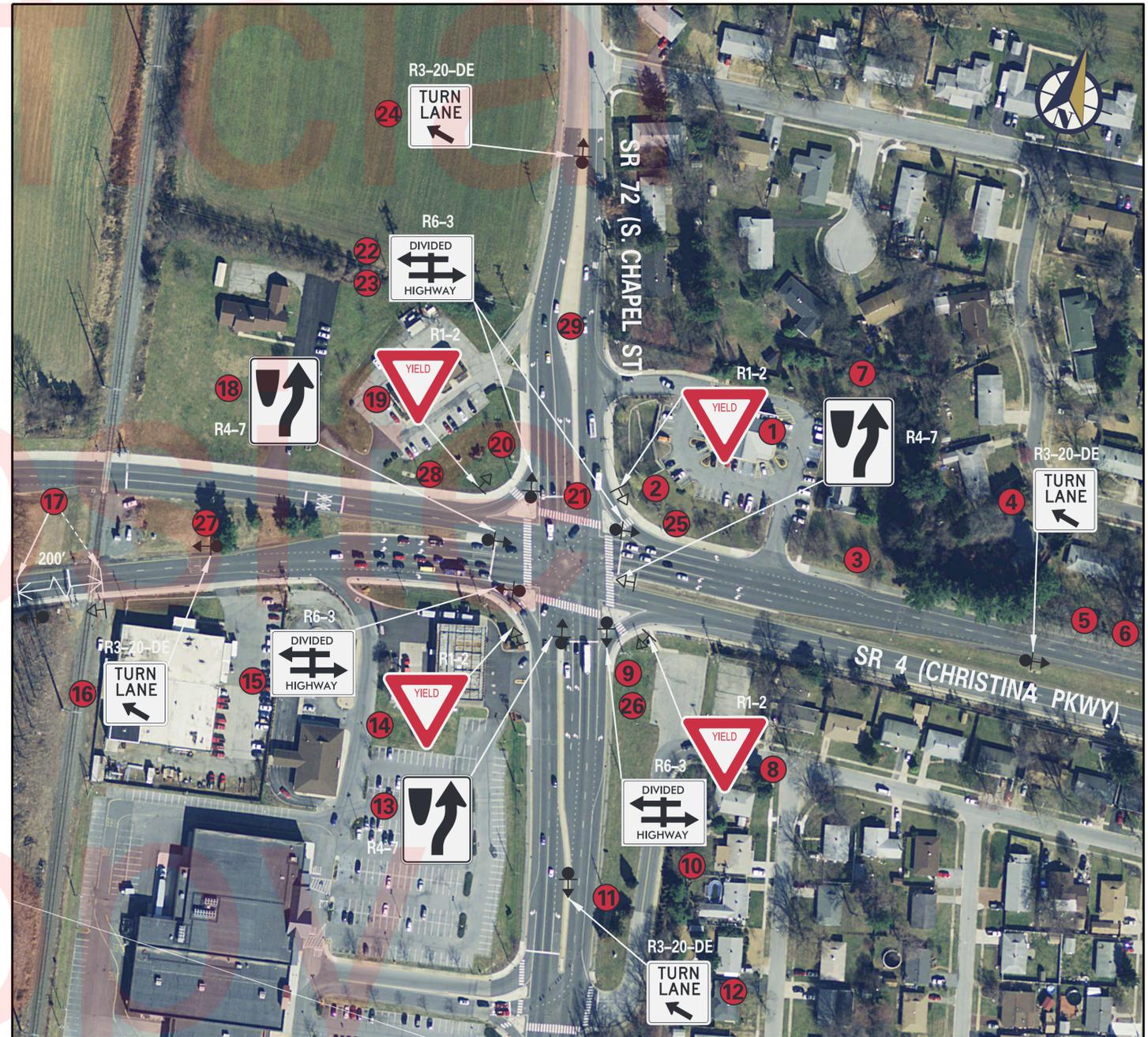
- 1 8 14 19 REPLACE EXISTING UNDERSIZED R1-2, "YIELD" SIGN WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 2 9 20 REPLACE EXISTING DAMAGED D11-1, "BIKE ROUTE" SIGN WITH NEW D11-1, "BIKE ROUTE" SIGN (24"x18")
- 3 REMOVE EXISTING M4-5, "TO" SIGN, M1-5, "SR 273" SIGN, AND M6-2, "DIRECTIONAL ARROW - 45 DEGREES" SIGN
- 4 12 16 24 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 5 REPLACE EXISTING DAMAGED M1-5, "STATE ROUTE 72" SIGN WITH NEW M1-5, "STATE ROUTE 72" SIGN (24"x24"); REMOVE EXISTING M1-5, "STATE ROUTE 2" SIGN
- 6 REPLACE EXISTING DAMAGED W3-3, "SIGNAL AHEAD" SIGN (36"x36") WITH NEW W3-3, "SIGNAL AHEAD" SIGN (36"x36")
- 7 REPLACE EXISTING DAMAGED R4-7, "KEEP RIGHT" SIGN WITH NEW R4-7, "KEEP RIGHT" SIGN (24"x30"); STRAIGHTEN SIGN POST
- 10 15 22 23 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON PORK CHOP ISLAND AS SHOWN
- 11 REPLACE EXISTING DAMAGED M1-5, "STATE ROUTE 4" SIGN WITH NEW M1-5, "STATE ROUTE 4" SIGN (24"x24"); REMOVE EXISTING M1-5, "STATE ROUTE 2" SIGN
- 13 18 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN
- 17 RELOCATE EXISTING W3-3, "SIGNAL AHEAD" SIGN 200' WEST
- 21 REMOVE EXISTING OM1-3, "OBJECT MARKER"
- 25 27 29 REMOVE EXISTING M3-2, "EAST" SIGN AND M1-5, "STATE ROUTE 2" SIGN
- 26 REMOVE EXISTING M3-2, "EAST" SIGN, M1-5, "STATE ROUTE 2" SIGN AND M6-3, "DIRECTIONAL ARROW - THROUGH" SIGN
- 28 REMOVE EXISTING M1-5, "STATE ROUTE 2" SIGN

**INTERSECTION STRIPING RECOMMENDATIONS:**

- NONE

**INTERSECTION 4: SR 4 (CHRISTINA PARKWAY) & SR 72 (S. CHAPEL STREET)**

- SR 72 (NORTH LEG): MEDIAN WIDTH OF 8 FEET
- SR 72 (SOUTH LEG): MEDIAN WIDTH OF 9 FEET
- SR 4 (EAST LEG): MEDIAN WIDTH OF 15 FEET
- SR 4 (WEST LEG): MEDIAN WIDTH OF 14 FEET



RECOMMENDATION 3



RECOMMENDATION 5



RECOMMENDATION 6



RECOMMENDATION 7



RECOMMENDATION 10



RECOMMENDATION 11



RECOMMENDATION 20



RECOMMENDATION 26



ADDENDUMS / REVISIONS

NOT TO SCALE

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

CONTRACT	PERMIT NO.	<b>N346</b>
T201508305	DESIGNED BY: GYB	
COUNTY	CHECKED BY: MAW	
NEW CASTLE		

**SR 4 (CHRISTINA PKWY)  
& SR 72 (S. CHAPEL ST)  
IMPROVEMENTS**

SHEET NO.	142
TOTAL SHTS.	522

**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 6 INSTALL R6-1R, "ONE WAY" SIGN (12"x36") ON MEDIAN AS SHOWN
- 2 7 INSTALL R5-1, "DO NOT ENTER" SIGN (36"x36") FACING OPPOSING TRAFFIC ADJACENT TO STOP BAR AS SHOWN
- 3 RELOCATE EXISTING W3-3, "SIGNAL AHEAD" SIGN AND EXISTING SIGN POST 300' EAST AS SHOWN; INSTALL NEW W16-8P, "ADVANCED STREET NAME" PLAQUE (9"x36") WITH UPPER/LOWERCASE TEXT FOR "KINGSTON RD"
- 4 RELOCATE EXISTING W3-3, "SIGNAL AHEAD" SIGN 300' EAST ONTO A NEW SIGN POST AS SHOWN; INSTALL NEW W16-8P, "ADVANCED STREET NAME" PLAQUE (9"x36") WITH UPPER/LOWERCASE TEXT FOR "KINGSTON RD"
- 5 REPLACE EXISTING "RIGHT TURN ONLY" SIGN WITH NEW R3-5R, "RIGHT TURN ONLY - ARROW" SIGN (30"x36")
- 8 REMOVE EXISTING R3-7R, "RIGHT LANE MUST TURN RIGHT" SIGN
- 9 RELOCATE EXISTING W3-3, "SIGNAL AHEAD" SIGN AND EXISTING SIGN POST 300' WEST; INSTALL NEW W16-8P, "ADVANCED STREET NAME" PLAQUE (9"x36") WITH UPPER/LOWERCASE TEXT FOR "KINGSTON RD"
- 10 RELOCATE EXISTING W3-3, "SIGNAL AHEAD" SIGN 500' WEST ONTO A NEW SIGN POST; INSTALL NEW W16-8P, "ADVANCED STREET NAME" PLAQUE (9"x36") WITH UPPER/LOWERCASE TEXT FOR "KINGSTON RD"
- 11 REPLACE EXISTING "RIGHT TURN ONLY" SIGN WITH NEW R3-5R, "RIGHT TURN ONLY - ARROW" SIGN (30"x36"); REMOVE EXISTING D11-1, "BIKE ROUTE" SIGN (24"x18")

**INTERSECTION STRIPING RECOMMENDATIONS:**

- NONE

RECOMMENDATION 4



RECOMMENDATION 5



RECOMMENDATION 8



RECOMMENDATION 9



RECOMMENDATION 11



**INTERSECTION 5: SR 4 (CHRISTINA PKWY) & KINGSTON ROAD**

- KINGSTON ROAD (NORTH LEG): NO MEDIAN
- KINGSTON ROAD (SOUTH LEG): NO MEDIAN
- SR 4 (EAST LEG): MEDIAN WIDTH OF 14 FEET
- SR 4 (WEST LEG): MEDIAN WIDTH OF 16 FEET



**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 8 11 17 REPLACE EXISTING UNDERSIZED R1-2, "YIELD" SIGN WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 2 6 13 REPLACE EXISTING R10-18a, "RED LIGHT PHOTO ENFORCED" SIGN WITH NEW R10-18a, "TRAFFIC SIGNAL PHOTO ENFORCED" SIGN (30"x42")
- 3 REPLACE EXISTING W16-8aP, "ADVANCED STREET NAME" PLAQUE WITH NEW W16-8aP, "ADVANCED STREET NAME" PLAQUE (18"x30") WITH UPPER/LOWERCASE TEXT; RELOCATE EXISTING W3-3, "SIGNAL AHEAD" SIGN AND NEW W16-8aP ALONG WITH EXISTING POST 175' EAST AS SHOWN
- 4 19 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 5 RELOCATE EXISTING W3-3, "SIGNAL AHEAD" SIGN WITH EXISTING POST 150' EAST AS SHOWN
- 7 12 18 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN
- 9 10 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON PORK CHOP ISLAND AS SHOWN
- 14 15 RELOCATE EXISTING W3-3, "SIGNAL AHEAD" SIGNS 200' WEST; INSTALL NEW W16-8aP, "ADVANCED STREET NAME" PLAQUE (18"x36") WITH UPPER/LOWERCASE TEXT BELOW EXISTING W3-3 SIGNS
- 16 RELOCATE EXISTING R3-20-DE, "TURN LANE" SIGN AND POST 100' WEST TO BEGINNING OF TURN LANE TAPER

**INTERSECTION STRIPING RECOMMENDATIONS:**

- NONE

**INTERSECTION 6: SR 4 (EAST CHESTNUT HILL ROAD) & MARROWS ROAD/MANFIELD ROAD**

- MARROWS ROAD (NORTH LEG): MEDIAN WIDTH OF 7 FEET
- MANFIELD ROAD (SOUTH LEG): MEDIAN WIDTH OF 7 FEET
- SR 4 (EAST LEG): MEDIAN WIDTH OF 15 FEET
- SR 4 (WEST LEG): MEDIAN WIDTH OF 14 FEET

RECOMMENDATION 1



RECOMMENDATION 3



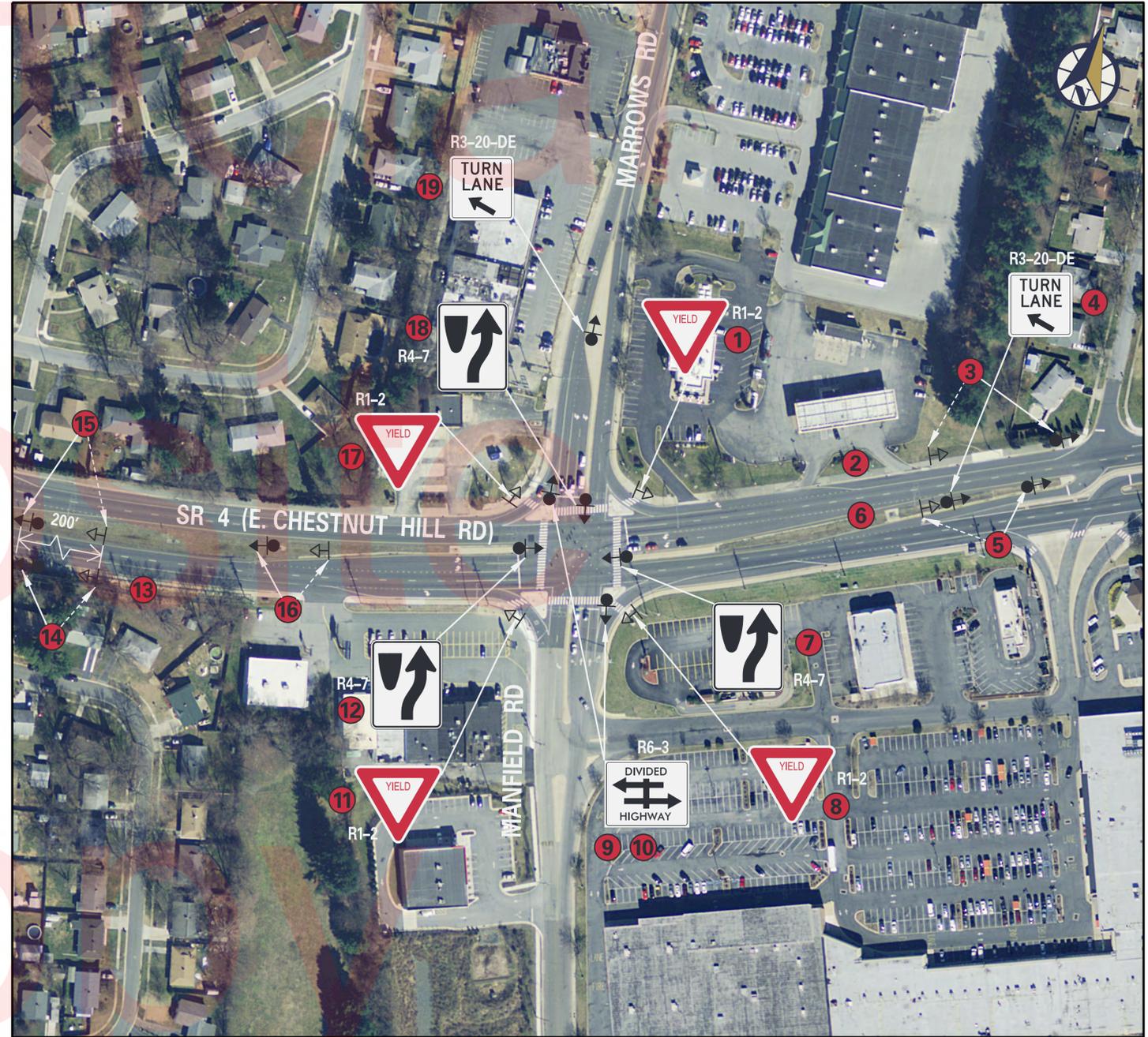
RECOMMENDATION 13



RECOMMENDATION 14



RECOMMENDATION 16



**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 REPLACE DAMAGED D11-1, "BIKE ROUTE" SIGN (24"x18") AND M6-4, "TWO WAY ARROW" SIGN (12"x9")
- 2 3 4 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN
- 5 6 RELOCATE EXISTING W3-3, "SIGNAL AHEAD" SIGN 625' EAST; INSTALL NEW W16-8aP, "ADVANCED STREET NAME" PLAQUE (18"x36") WITH UPPER/LOWERCASE TEXT
- 7 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") BELOW EXISTING DESTINATION SIGN AT BEGINNING OF TURN LANE TAPER
- 8 15 INSTALL BACK TO BACK R6-1L/R6-1R, "ONE WAY" SIGNS (36"x12") AND AN R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON A COPOST AS SHOWN
- 9 10 REPLACE EXISTING R1-2, "YIELD" SIGN (42"x42"x42") WITH NEW "YIELD" SIGN (48"x48"x48")
- 11 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 12 REMOVE DAMAGED DESTINATION SIGN FOR "CHESTNUT CROSSING DRIVE" (REPLACING WITH W16-8aP, SEE RECOMMENDATION 13)
- 13 14 RELOCATE EXISTING W3-3, "SIGNAL AHEAD" SIGN 400' WEST; INSTALL W16-8aP, "ADVANCED STREET NAME PLAQUE" (30"x18") FOR "LEFT: CHESTNUT CROSSING DRIVE, RIGHT: GENDER ROAD" BELOW EXISTING SIGNAL AHEAD SIGN (REPLACING REMOVED DESTINATION SIGN, SEE RECOMMENDATION 12)

**INTERSECTION STRIPING RECOMMENDATIONS:**

- NONE

**INTERSECTION 7: SR 4 (E. CHESTNUT HILL ROAD) & GENDER ROAD/CHESTNUT CROSSING DRIVE**

- CHESTNUT CROSSING DRIVE (NORTH LEG): MEDIAN WIDTH OF 8 FEET
- GENDER ROAD (SOUTH LEG): NO MEDIAN
- SR 4 (EAST LEG): MEDIAN WIDTH OF 29 FEET
- SR 4 (WEST LEG): MEDIAN WIDTH OF 29 FEET

RECOMMENDATION 1



RECOMMENDATIONS 5 & 6



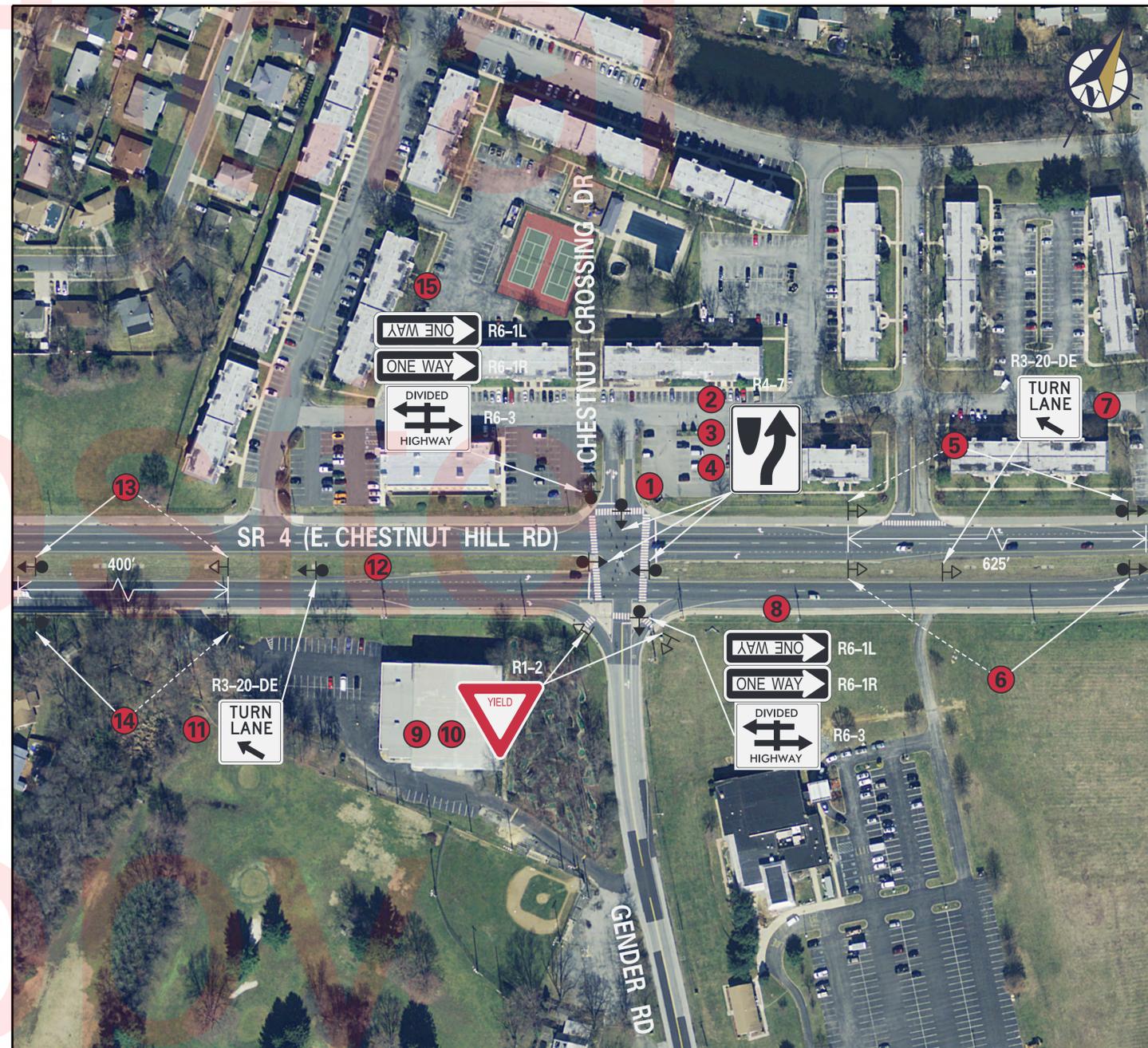
RECOMMENDATION 7



RECOMMENDATION 12



RECOMMENDATIONS 13 & 14



**INTERSECTION SIGNING RECOMMENDATIONS:**

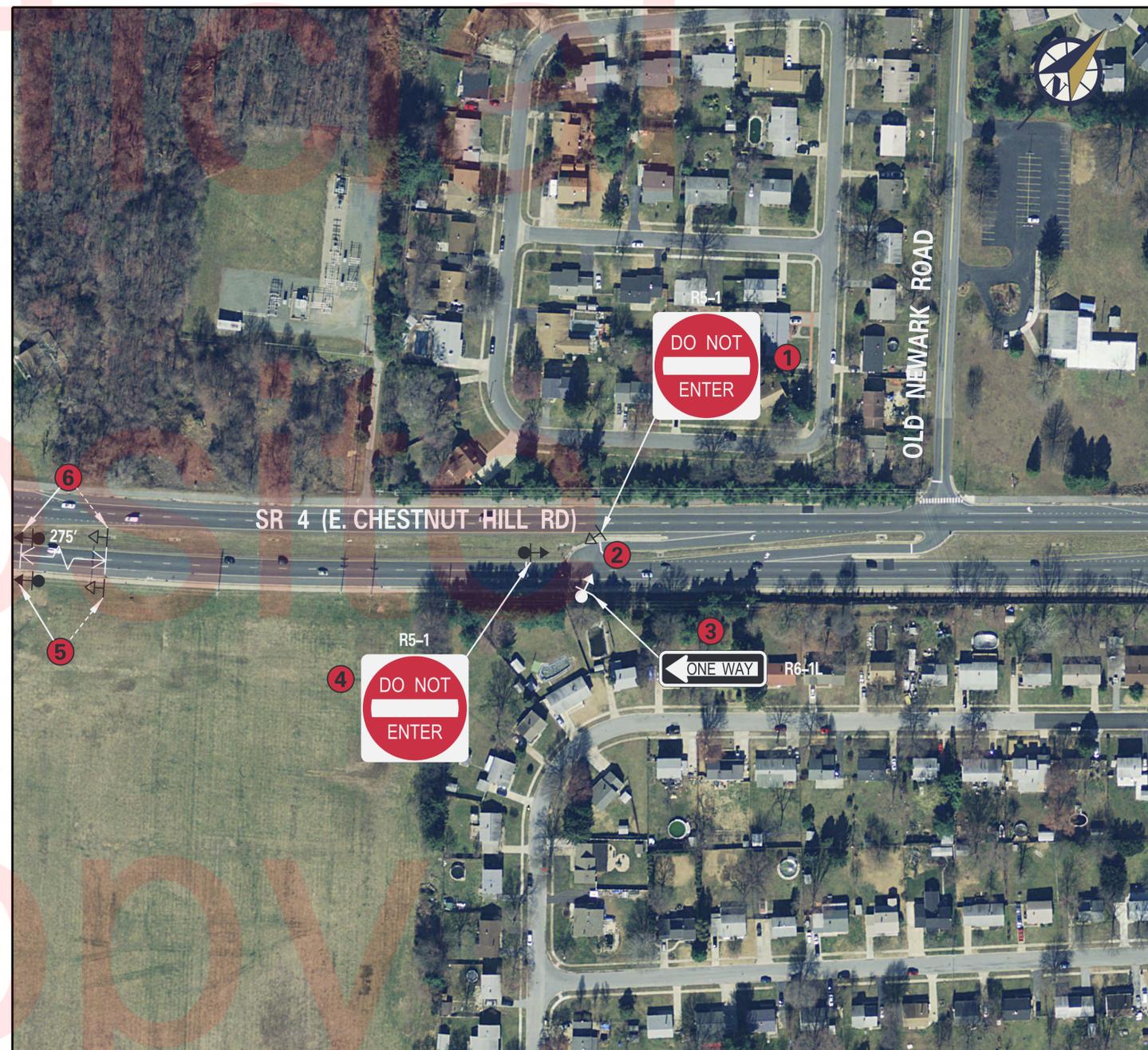
- 1 REPLACE EXISTING R5-1, "DO NOT ENTER" SIGN (30"x30") WITH NEW R5-1, "DO NOT ENTER" SIGN (36"x36")
- 2 REMOVE EXISTING OM1-3, "OBJECT MARKER"
- 3 INSTALL R6-1L, "ONE WAY - LEFT" SIGN (36"x12") FACING NORTH AS SHOWN
- 4 INSTALL R5-1, "DO NOT ENTER" SIGN (36"x36") ADJACENT TO STOP BAR FACING EAST AS SHOWN
- 5 6 RELOCATE EXISTING W3-3, "SIGNAL AHEAD" SIGN AND EXISTING POST 275' WEST

**INTERSECTION STRIPING RECOMMENDATIONS:**

- NONE

**INTERSECTION 8: SR 4 (E. CHESTNUT HILL ROAD) & CROSSOVER**

- SR 4 (EAST LEG): MEDIAN WIDTH OF 16 FEET
- SR 4 (WEST LEG): MEDIAN WIDTH OF 40 FEET



RECOMMENDATION 1



RECOMMENDATION 2



RECOMMENDATION 5



PLOTTED BY: KBLAKE DATE: 8/24/2016  
 FILE LOCATION: Q:\INDE\120142\_000\_TRAFFIC\_ENGINEERING\_V\CADD\1+02\DE 4\_02.DGN [ SHEET: ]

ADDENDUMS / REVISIONS	

NOT TO SCALE

SIGNALIZED MEDIAN CROSSOVER SIGNING AND PAVEMENT MARKING UPGRADES - STATEWIDE

CONTRACT	PERMIT NO.	N508
T201508305	DESIGNED BY: GYB	
COUNTY	CHECKED BY: MAW	
NEW CASTLE		

SR 4 (E. CHESTNUT HILL RD) & CROSSOVER IMPROVEMENTS

SHEET NO.	146
TOTAL SHTS.	522

**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 7 INSTALL R5-1, "DO NOT ENTER" SIGN (36"x36") ON THE BACK OF EXISTING "SCHOOL" SIGN FACING OPPOSING TRAFFIC AS SHOWN
- 2 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 3 9 INSTALL BACK TO BACK R6-1L/R6-1R, "ONE WAY" SIGNS (36"x12") ABOVE AN R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ADJACENT TO STOP BAR AS SHOWN; MOUNT POST TO THE RIGHT OF EXISTING SCHOOL SIGN
- 4 10 REMOVE EXISTING R6-3a, "DIVIDED HIGHWAY - T INTERSECTION" SIGN
- 5 6 INSTALL R5-1, "DO NOT ENTER" SIGN (36"x36") ADJACENT TO STOP BAR FACING OPPOSING TRAFFIC AS SHOWN
- 8 RELOCATE EXISTING R3-20-DE, "TURN LANE" SIGN (18"x18") TO EXISTING SIGN POST BELOW DEVELOPMENT SIGN AT BEGINNING OF TURN LANE TAPER

**INTERSECTION STRIPING RECOMMENDATIONS:**

- NONE

**INTERSECTION 9: SR 4 (E. CHESTNUT HILL ROAD) & PEARSON DRIVE**

- PEARSON DRIVE (NORTH LEG): MEDIAN WIDTH OF 14 FEET
- PEARSON DRIVE (SOUTH LEG): MEDIAN WIDTH OF 16 FEET
- SR 4 (EAST LEG): MEDIAN WIDTH OF 30 FEET
- SR 4 (WEST LEG): MEDIAN WIDTH OF 30 FEET



RECOMMENDATION 1



RECOMMENDATION 4



RECOMMENDATION 8



RECOMMENDATION 8



RECOMMENDATION 10



**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 5 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN
- 2 RELOCATE EXISTING R8-4, "EMERGENCY PARKING ONLY" SIGN (30"x24") 400' EAST AS SHOWN TO IMPROVE SIGN VISIBILITY AND REDUCE SIGN CLUTTER
- 3 REMOVE EXISTING OM1-3, "OBJECT MARKER" AND EXISTING R4-7, "KEEP RIGHT" SIGN; INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") ON EXISTING POST FACING EAST
- 4 INSTALL BACK TO BACK R6-1L/R6-1R, "ONE WAY" SIGNS (36"x12") (R6-1L: FACING NORTH, R6-1R: FACING SOUTH) AND AN R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON BACK OF EXISTING R5-1, "DO NOT ENTER" SIGN ON EXISTING SIGN POST
- 6 REPLACE EXISTING R1-2, "YIELD" SIGN (30"x30"x30") WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 7 INSTALL BACK TO BACK R6-1L/R6-1R, "ONE WAY" SIGNS (36"x12") (R6-1L: FACING SOUTH, R6-1R: FACING NORTH) ABOVE AN R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON PORK CHOP ISLAND AS SHOWN
- 8 REMOVE EXISTING OM1-3, "OBJECT MARKER"

**INTERSECTION STRIPING RECOMMENDATIONS:**

- NONE

**INTERSECTION 10: SR 4 (EAST CHESTNUT HILL ROAD) & AUGUSTA DRIVE/SHOPPING CENTER ACCESS**

- AUGUSTA DRIVE (NORTH LEG): MEDIAN WIDTH OF 16 FEET
- SHOPPING CENTER ACCESS (SOUTH LEG): MEDIAN WIDTH OF 6 FEET
- SR 4 (EAST LEG): MEDIAN WIDTH OF 27 FEET
- SR 4 (WEST LEG): MEDIAN WIDTH OF 28 FEET



RECOMMENDATION 2



RECOMMENDATION 2



RECOMMENDATION 3



RECOMMENDATION 6



RECOMMENDATION 8



**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 11 17 24 REPLACE UNDERSIZED EXISTING R1-2, "YIELD" SIGN WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 2 REMOVE EXISTING W5-4a, "BIKEWAY NARROWS" SIGN
- 3 4 INSTALL BACK TO BACK R6-1R/R6-1L, "ONE WAY" SIGNS (36"x12") AND R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON PORK CHOP ISLAND AS SHOWN
- 5 REMOVE EXISTING D1-2, "DESTINATION" SIGN (DESTINATION SIGN WILL BE REPLACED BY "ADVANCED STREET NAME" PLAQUE UNDER RECOMMENDATION 6)
- 6 7 RELOCATE EXISTING W3-3, "SIGNAL AHEAD" SIGN 375' EAST; INSTALL NEW W16-8aP, "ADVANCED STREET NAME" PLAQUE FOR "SALEM CHURCH ROAD" UNDER W3-3 AT NEW LOCATION (REPLACING DAMAGED DESTINATION SIGN IN RECOMMENDATION 5)
- 8 14 26 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 9 18 REMOVE EXISTING DAMAGED D1-2, "DESTINATION" SIGN (DESTINATION SIGN WILL BE REPLACED BY "ADVANCED STREET NAME" PLAQUE UNDER RECOMMENDATION 7 & 20)
- 10 29 REMOVE EXISTING OM1-3, "OBJECT MARKER"
- 12 25 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") AS SHOWN
- 13 MOVE EXISTING M6-1, "DIRECTIONAL ARROW - RIGHT" UP ON EXISTING LIGHTING POLE TO BE MOUNTED DIRECTLY BELOW M1-5, "STATE ROUTE - 4" SIGN
- 15 REPLACE EXISTING DAMAGED W16-8aP, "ADVANCED STREET NAME" PLAQUE FOR "EAST CHESTNUT HILL ROAD" WITH NEW W16-8aP, "ADVANCED STREET NAME" PLAQUE WITH UPPER/LOWERCASE TEXT; RELOCATE NEW PLAQUE AND EXISTING W3-3, "SIGNAL AHEAD" SIGN 200' SOUTH AS SHOWN
- 16 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN
- 19 REPLACE DAMAGED EXISTING M1-5, "STATE ROUTE - 273" SIGN WITH NEW M1-5, "STATE ROUTE - 273" SIGN (30"x24"); REPLACE DAMAGED M6-3, "DIRECTIONAL ARROW - THROUGH" SIGN WITH NEW M6-3, "DIRECTIONAL ARROW - THROUGH" SIGN (21"x15")
- 20 21 RELOCATE EXISTING W3-3, "SIGNAL AHEAD" SIGN 180' WEST; INSTALL NEW W16-8aP, "ADVANCED STREET NAME" PLAQUE FOR "SALEM CHURCH ROAD" UNDER W3-3 AT NEW LOCATION (REPLACING DAMAGED DESTINATION SIGN IN RECOMMENDATION 22)
- 22 REMOVE EXISTING D1-2, "DESTINATION" SIGN (DESTINATION SIGN WILL BE REPLACED BY "ADVANCED STREET NAME" PLAQUE UNDER RECOMMENDATION 21); REMOVE EXISTING M3-4, "WEST" SIGN, M1-5, "STATE ROUTE 273" SIGN, AND M5-1, "ADVANCE TURN ARROW" SIGN
- 23 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON EXISTING ROUTE ASSEMBLY SIGN POST FACING EAST
- 27 28 RELOCATE EXISTING W3-3, "SIGNAL AHEAD" SIGN 325' NORTH; INSTALL NEW W16-8aP, "ADVANCED STREET NAME" PLAQUE (18"x36") WITH UPPER/LOWER CASE TEXT

**INTERSECTION STRIPING RECOMMENDATIONS:**

- NONE

RECOMMENDATIONS 9 & 18



RECOMMENDATION 13



RECOMMENDATION 15



RECOMMENDATION 22



**INTERSECTION 11: SR 4 (EAST CHESTNUT HILL ROAD) & SALEM CHURCH ROAD**

- SALEM CHURCH ROAD (NORTH LEG): MEDIAN WIDTH OF 10 FEET
- SALEM CHURCH ROAD (SOUTH LEG): MEDIAN WIDTH OF 24 FEET
- SR 4 (EAST LEG): MEDIAN WIDTH OF 16 FEET
- SR 4 (WEST LEG): MEDIAN WIDTH OF 16 FEET



**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 REPLACE EXISTING R5-1, "DO NOT ENTER" SIGN (30"x30") WITH NEW R5-1, "DO NOT ENTER" SIGN (36"x36") (FACING SOUTH); REPLACE DAMAGED EXISTING R6-1L, "ONE WAY" SIGN (12"x36") WITH NEW R6-1L, "ONE WAY" SIGN (12"x36") (FACING EAST)
- 2 3 11 12 INSTALL R5-1, "DO NOT ENTER" SIGN (36"x36") FACING OPPOSING TRAFFIC AS SHOWN
- 4 5 13 14 INSTALL R5-1a, "WRONG WAY" SIGN (42"x30") FACING OPPOSING TRAFFIC AS SHOWN
- 6 RELOCATE EXISTING W3-3, "SIGNAL AHEAD" SIGN 200' EAST
- 7 REPLACE EXISTING R3-2, "NO LEFT TURN" SIGN (24"x24") WITH NEW R3-3, "NO TURNS" SIGN (36"x36")
- 8 REPLACE EXISTING R1-2, "YIELD" SIGN (30"x30"x30") WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 9 INSTALL R6-1L/R6-1R, BACK TO BACK "ONE WAY" SIGNS (12"x36") (R6-1L: FACING NORTH, R6-1R: FACING SOUTH) AND AN R6-3a, "DIVIDED HIGHWAY - T INTERSECTION" SIGN (30"x24") ON PORK CHOP ISLAND AS SHOWN; INSTALL AN R5-1, "DO NOT ENTER" SIGN (36"x36") ON THE BACK OF POST FACING NORTH
- 10 REPLACE EXISTING R5-1, "DO NOT ENTER" SIGN (30"x30") WITH NEW R5-1, "DO NOT ENTER" SIGN (36"x36") (FACING NORTH); REPLACE DAMAGED EXISTING R6-1L, "ONE WAY" SIGN (12"x36") WITH NEW R6-1L, "ONE WAY" SIGN (12"x36") (FACING WEST)
- 15 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE (FACING EAST); REPLACE EXISTING R3-2, "NO LEFT TURN" SIGN (24"x24") WITH NEW R3-3, "NO TURNS" SIGN (36"x36") (FACING WEST)
- 16 INSTALL R4-8, "KEEP LEFT" SIGN (24"x30") ON ISLAND FACING NORTH AS SHOWN
- 17 REPLACE EXISTING R5-1, "DO NOT ENTER" SIGN (30"x30") WITH NEW R5-1, "DO NOT ENTER" SIGN (36"x36") (FACING SOUTH)
- 18 INSTALL R6-1L/R6-1R, BACK TO BACK "ONE WAY" SIGNS (12"x36") (R6-1L: FACING SOUTH, R6-1R: FACING NORTH) AND AN R6-3a, "DIVIDED HIGHWAY - T INTERSECTION" SIGN (30"x24") ADJACENT TO STOP BAR AS SHOWN
- 19 STRAIGHTEN EXISTING SIGN POST FOR R4-8, "KEEP LEFT" SIGN

**INTERSECTION STRIPING RECOMMENDATIONS:**

- NONE

RECOMMENDATION 1



RECOMMENDATION 6



RECOMMENDATION 7



RECOMMENDATION 15

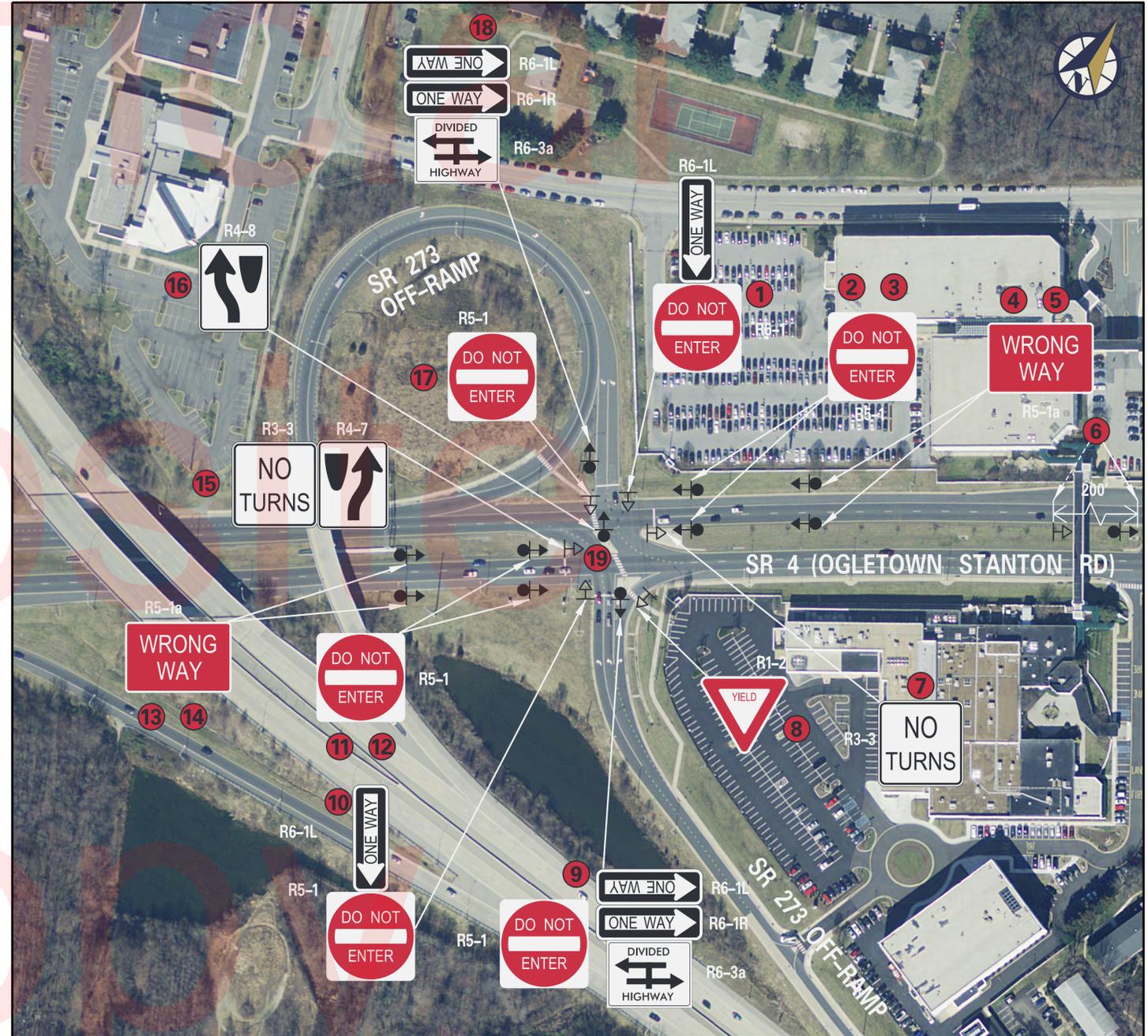


RECOMMENDATION 19



**INTERSECTION 12: SR 4 (E. CHESTNUT HILL RD) & SR 273 OFF-RAMPS**

- SR 273 OFF-RAMP (NORTH LEG): NO MEDIAN
- SR 273 OFF-RAMP (SOUTH LEG): NO MEDIAN
- SR 4 (EAST LEG): MEDIAN WIDTH OF 38 FEET
- SR 4 (WEST LEG): MEDIAN WIDTH OF 38 FEET



**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 6 9 14 INSTALL R1-2, "YIELD" SIGN (48"x48"x48") AT YIELD POINT AS SHOWN
- 2 8 10 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN
- 3 REMOVE EXISTING FADED W3-3, "SIGNAL AHEAD" SIGN AND W16-8aP, "ADVANCED STREET NAME" PLAQUE; INSTALL NEW W3-3, "SIGNAL AHEAD" SIGN (36"x36") AND NEW W16-8aP, "ADVANCED STREET NAME" PLAQUE FOR "PRIDES CROSSING" WITH UPPER/LOWERCASE TEXT 250' EAST OF THEIR CURRENT LOCATION AS SHOWN; TRIM FOLIAGE AT NEW LOCATION
- 4 REMOVE EXISTING DAMAGED M3-4, "WEST" SIGN; RELOCATE EXISTING SIGN POST AND EXISTING M1-5, "SR 4" SIGN 900' WEST PAST THE INTERSECTION AS SHOWN; INSTALL NEW M3-4, "WEST" SIGN (24"x12") ABOVE EXISTING "SR 4" SIGN
- 5 REMOVE EXISTING FADED W3-3, "SIGNAL AHEAD" SIGN AND W16-8aP, "ADVANCED STREET NAME" PLAQUE; RELOCATE EXISTING SIGN POST AND EXISTING DESTINATION SIGN 250' EAST AS SHOWN; INSTALL NEW W3-3, "SIGNAL AHEAD" SIGN (36"x36") AND NEW W16-8aP, "ADVANCED STREET NAME" PLAQUE FOR "PRIDES CROSSING" WITH UPPER/LOWERCASE TEXT
- 7 15 INSTALL BACK TO BACK R6-1L/R6-1R, "ONE WAY" SIGNS (36"x12") AND R6-3, "DIVIDED HIGHWAY" SIGN ON PORK CHOP ISLAND AS SHOWN
- 11 REMOVE EXISTING DAMAGED W3-3, "SIGNAL AHEAD" SIGN AND W16-8aP, "ADVANCED STREET NAME" PLAQUE; RELOCATE EXISTING SIGN POST 550' WEST, INSTALL NEW W3-3, "SIGNAL AHEAD" SIGN (36"x36") AND NEW W16-8aP, "ADVANCED STREET NAME" PLAQUE FOR "PRIDES CROSSING" WITH UPPER/LOWERCASE TEXT
- 12 REMOVE EXISTING DAMAGED W3-3, "SIGNAL AHEAD" SIGN AND W16-8aP, "ADVANCED STREET NAME" PLAQUE; RELOCATE EXISTING SIGN POST AND EXISTING DESTINATION SIGN 350' WEST, INSTALL NEW W3-3, "SIGNAL AHEAD" SIGN (36"x36") AND NEW W16-8aP, "ADVANCED STREET NAME" PLAQUE FOR "PRIDES CROSSING" WITH UPPER/LOWERCASE TEXT
- 13 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 16 REMOVE EXISTING W21-11-DE, "WATCH CHILDREN" SIGN

**INTERSECTION STRIPING RECOMMENDATIONS:**

- NONE

RECOMMENDATION 3



RECOMMENDATION 4



RECOMMENDATION 5



RECOMMENDATION 11



RECOMMENDATION 12

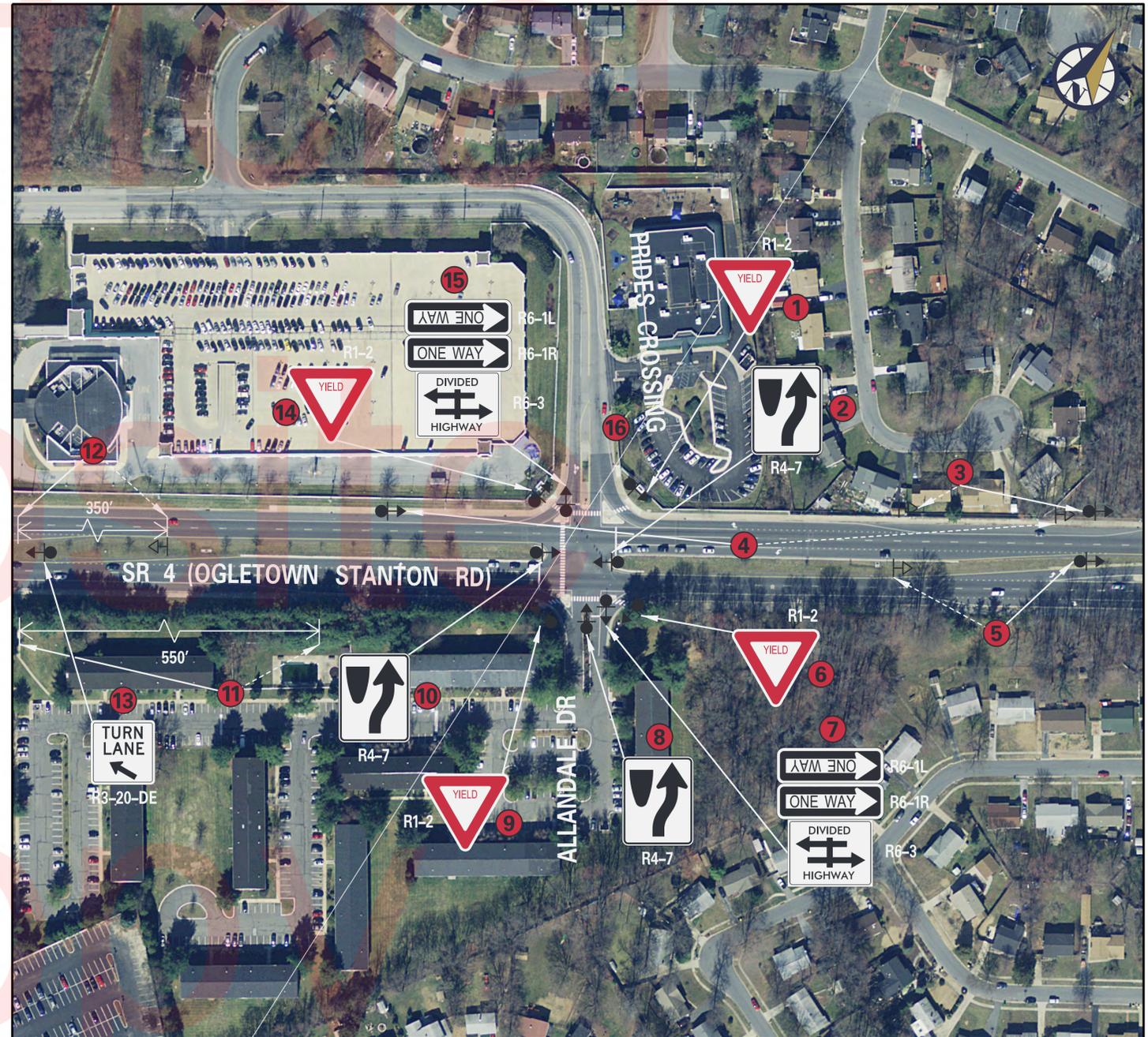


RECOMMENDATION 16



**INTERSECTION 13: SR 4 (OGLETOWN STANTON ROAD) & PRIDES CROSSING/ALLANDEALE DRIVE**

- PRIDES CROSSING (NORTH LEG): MEDIAN WIDTH OF 12 FEET
- ALLANDEALE DRIVE (SOUTH LEG): MEDIAN WIDTH OF 12 FEET
- SR 4 (EAST LEG): MEDIAN WIDTH OF 27 FEET
- SR 4 (WEST LEG): MEDIAN WIDTH OF 27 FEET



**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 12 REMOVE EXISTING DAMAGED D1-1, "DESTINATION" SIGN (DESTINATION SIGN WILL BE REPLACED BY "ADVANCED STREET NAME" PLAQUE UNDER RECOMMENDATION 3 & 13)
- 2 REMOVE EXISTING DAMAGED D1-1, "DESTINATION" SIGN; INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") ON EXISTING SIGN POST AT BEGINNING OF TURN LANE TAPER
- 3 INSTALL W3-3, "SIGNAL AHEAD" SIGN AND W16-8aP, "ADVANCED STREET NAME" PLAQUE FOR "HARMONY ROAD" 600' EAST OF THE INTERSECTION (PLAQUE WILL REPLACE DAMAGED DESTINATION SIGN UNDER RECOMMENDATION 1)
- 4 REMOVE EXISTING OM1-3, "OBJECT MARKER"
- 5 6 REPLACE EXISTING UNDERSIZED R1-2, "YIELD" SIGN WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 7 15 INSTALL BACK TO BACK R6-1L/R6-1R, "ONE WAY" SIGNS (36"x12") AND R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON PORK CHOP ISLAND AS SHOWN
- 8 16 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 9 REMOVE EXISTING UNDERSIZED R1-2, "YIELD" SIGN (STOP BAR CONDITION PROPOSED)
- 10 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN
- 11 REPLACE EXISTING DAMAGED "NO TRUCKS OVER 2 AXLES LOCAL DELIVERIES ONLY" SIGN WITH R12-3-DE, "NO TRUCKS OVER 2 AXLES EXCEPT LOCAL SERVICES" SIGN (24"x36") AND M6-1, "DIRECTIONAL ARROW - RIGHT" SIGN (21"x15")
- 13 INSTALL W3-3, "SIGNAL AHEAD" SIGN AND W16-8aP, "ADVANCED STREET NAME" PLAQUE FOR "HARMONY ROAD" 775' WEST OF THE INTERSECTION (PLAQUE WILL REPLACE DAMAGED DESTINATION SIGN UNDER RECOMMENDATION 12)
- 14 REPLACE EXISTING UNDERSIZED R1-2, "YIELD" SIGN WITH NEW R1-2, "YIELD" SIGN (48"x48"x48"); MOUNT ON NEW SIGN POST
- 17 RELOCATE EXISTING W3-3, "SIGNAL AHEAD" SIGN 250' NORTH AS SHOWN; INSTALL NEW W16-8aP, "ADVANCED STREET NAME" PLAQUE (18"x36") WITH UPPER/LOWERCASE TEXT

**INTERSECTION STRIPING RECOMMENDATIONS:**

- 1 REPLACE 60 FT OF 16" SOLID WHITE STOP BAR LINE TO EXTEND ACROSS RIGHT TURN LANE

**INTERSECTION 14: SR 4 (OGLETOWN STANTON ROAD) & HARMONY ROAD**

- HARMONY ROAD (NORTH LEG): MEDIAN WIDTH OF 8 FEET
- HARMONY ROAD (SOUTH LEG): MEDIAN WIDTH OF 16 FEET
- SR 4 (EAST LEG): MEDIAN WIDTH OF 28 FEET
- SR 4 (WEST LEG): MEDIAN WIDTH OF 17 FEET



**LEGEND:**

WHITE: EXISTING CONDITIONS  
 YELLOW: PROPOSED CONDITIONS

RECOMMENDATION 1



RECOMMENDATION 2



RECOMMENDATION 9



RECOMMENDATIONS 11 & 12



RECOMMENDATION 14



RECOMMENDATION 17



ADDENDUMS / REVISIONS

NOT TO SCALE

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

CONTRACT	PERMIT NO.	<b>N312</b>
T201508305	DESIGNED BY:	GYB
COUNTY	CHECKED BY:	MAW
NEW CASTLE		

**SR 4 (OGLETOWN  
 STANTON RD)  
 & HARMONY RD  
 IMPROVEMENTS**

SHEET NO.	152
TOTAL SHTS.	522

**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 2 5 9 REPLACE EXISTING R1-2, "YIELD" SIGN (30"x30"x30") WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 3 10 INSTALL BACK TO BACK R6-1L/R6-1R, "ONE WAY" SIGNS (36"x12") AND R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON PORK CHOP ISLAND AS SHOWN
- 4 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") FACING NORTH ON EXISTING POST BELOW STREET BLADES
- 6 7 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN
- 8 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER

**INTERSECTION STRIPING RECOMMENDATIONS:**

- NONE

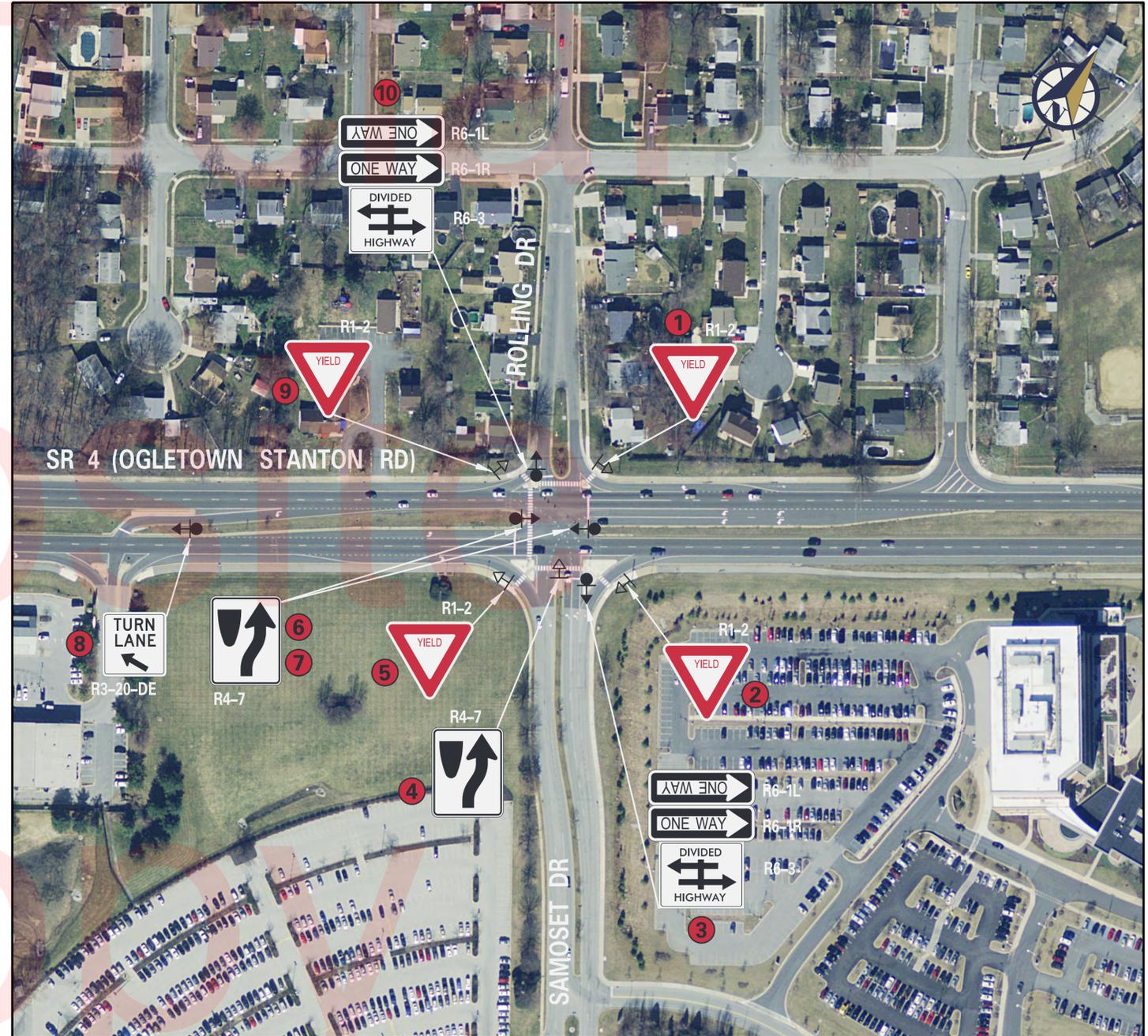
**INTERSECTION 15: SR 4 (OGLETOWN STANTON ROAD) & ROLLING DRIVE/SAMOSET DRIVE**

- ROLLING DRIVE (NORTH LEG): MEDIAN WIDTH OF 18 FEET
- SAMOSET DRIVE (SOUTH LEG): MEDIAN WIDTH OF 13 FEET
- SR 4 (EAST LEG): MEDIAN WIDTH OF 11 FEET
- SR 4 (WEST LEG): MEDIAN WIDTH OF 29 FEET

RECOMMENDATION 1



RECOMMENDATION 2



**INTERSECTION SIGNING RECOMMENDATIONS:**

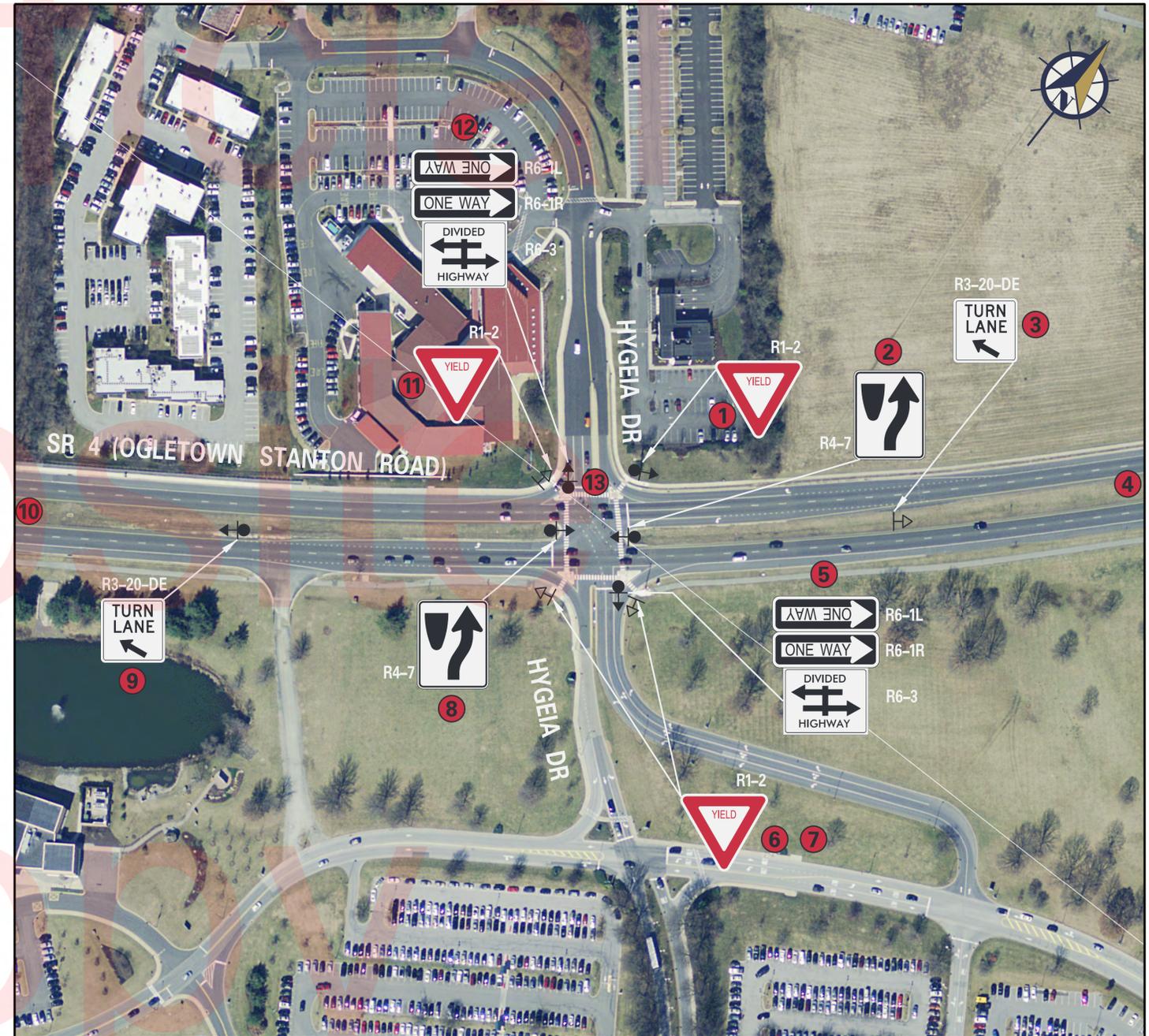
- 1 INSTALL R1-2, "YIELD" SIGN (48"x48"x48") AT YIELD POINT AS SHOWN
- 2 8 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN
- 3 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") ON EXISTING POST AT BEGINNING OF TURN LANE TAPER
- 4 10 REPLACE EXISTING W16-8aP, "ADVANCED STREET NAME" PLAQUE WITH NEW W16-8aP, "ADVANCED STREET NAME" PLAQUE (18"x30") WITH UPPER/LOWERCASE TEXT; STRAIGHTEN SIGN POST
- 5 12 INSTALL BACK TO BACK R6-1L/R6-1R, "ONE WAY" SIGNS (36"x12") AND R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON PORK CHOP ISLAND AS SHOWN
- 6 7 11 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
- 13 REMOVE (2) OM1-3, "OBJECT MARKER" SIGNS (BACK TO BACK)

**INTERSECTION STRIPING RECOMMENDATIONS:**

- NONE

**INTERSECTION 16: SR 4 (OGLETOWN STANTON ROAD) & HYGIEA DRIVE**

- HYGIEA DRIVE (NORTH LEG): MEDIAN WIDTH OF 9 FEET
- HYGIEA DRIVE (SOUTH LEG): MEDIAN WIDTH OF 8 FEET
- SR 4 (EAST LEG): MEDIAN WIDTH OF 29 FEET
- SR 4 (WEST LEG): MEDIAN WIDTH OF 29 FEET



RECOMMENDATION 4



RECOMMENDATION 11



RECOMMENDATION 13



**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 5 8 REPLACE EXISTING UNDERSIZED R1-2, "YIELD" SIGN WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 2 REMOVE EXISTING DAMAGED DESTINATION SIGN (DESTINATION SIGN WILL BE REPLACED BY "ADVANCED STREET NAME" PLAQUE UNDER RECOMMENDATION 3)
- 3 RELOCATE EXISTING W3-3, "SIGNAL AHEAD" SIGN 200' EAST; INSTALL W16-8aP, "ADVANCED STREET NAME" PLAQUE FOR "LEFT: CHURCHMANS RD; RIGHT: DELAWARE PARK BLVD" WITH UPPER/LOWER CASE TEXT AT NEW W3-3 LOCATION (PLAQUE REPLACING DESTINATION SIGN UNDER RECOMMENDATION 2)
- 4 INSTALL NEW W3-3, "SIGNAL AHEAD" SIGN (36"x36") ACROSS FROM RELOCATED W3-3, "SIGNAL AHEAD" SIGN; INSTALL NEW W16-8aP, "ADVANCED STREET NAME" PLAQUE WITH UPPER/LOWERCASE TEXT FOR "LEFT: CHURCHMANS RD, RIGHT: DELAWARE PARK BLVD"
- 6 12 INSTALL BACK TO BACK R6-1L/R6-1R, "ONE WAY" SIGNS (36"x12") AND R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON PORK CHOP ISLAND AS SHOWN
- 7 REMOVE EXISTING R3-7R, "RIGHT LANE MUST TURN RIGHT" SIGN
- 9 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN
- 10 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER ON EXISTING POST BELOW DELAWARE PARK SIGN
- 11 INSTALL R1-2, "YIELD" SIGN (48"x48"x48") AT YIELD POINT AS SHOWN

**INTERSECTION STRIPING RECOMMENDATIONS:**

- NONE

RECOMMENDATIONS 1, 5 & 8



RECOMMENDATION 2



RECOMMENDATION 7



RECOMMENDATION 10



**INTERSECTION 17: SR 4 (OGLETOWN STANTON ROAD) & SR 58 (CHURCHMANS ROAD)/DELAWARE PARK ENTRANCE**

- DELAWARE PARK ENTRANCE (NORTH LEG): NO MEDIAN
- SR 58 (SOUTH LEG): MEDIAN WIDTH OF 9 FEET
- SR 4 (EAST LEG): MEDIAN WIDTH OF 29 FEET
- SR 4 (WEST LEG): MEDIAN WIDTH OF 29 FEET

**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 4 8 12 REPLACE EXISTING R1-2, "YIELD" SIGN (30"x30"x30") WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 2 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN
- 3 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") ON EXISTING POST BELOW "NO TRUCKS" SIGN AT BEGINNING OF TURN LANE TAPER
- 5 13 INSTALL R6-1L/R6-1R, BACK TO BACK "ONE WAY" SIGNS (36"x12") AND R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON PORK CHOP ISLAND AS SHOWN
- 6 REMOVE EXISTING OM1-3, "OBJECT MARKER"
- 7 11 REMOVE EXISTING R5-1, "DO NOT ENTER" SIGN
- 9 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BAGINNING OF TURN LANE TAPER
- 10 STRAIGHTEN EXISTING SIGN POST

**INTERSECTION STRIPING RECOMMENDATIONS:**

- NONE

RECOMMENDATION 3



RECOMMENDATION 4



RECOMMENDATION 6



RECOMMENDATION 7



RECOMMENDATION 10

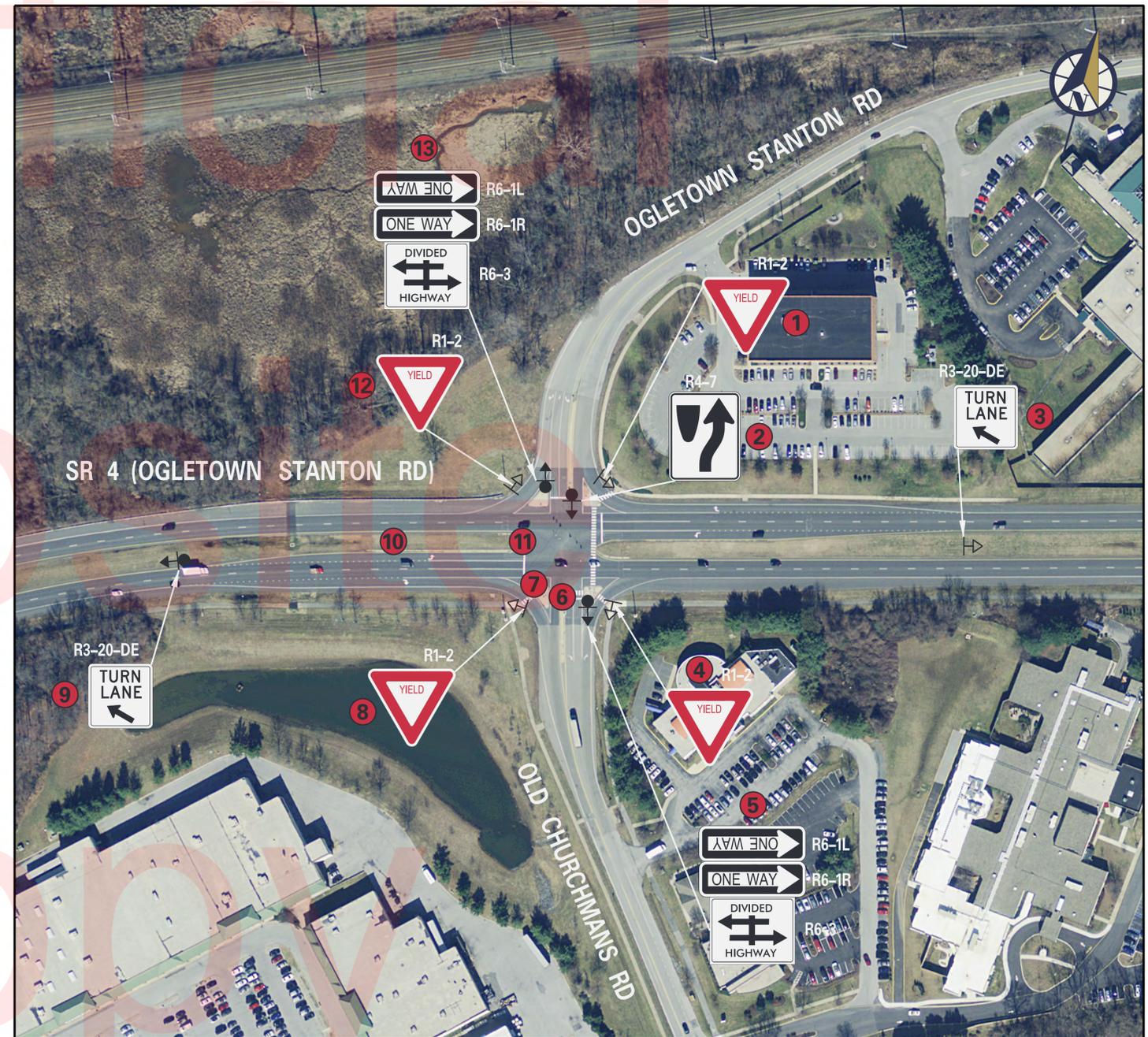


RECOMMENDATION 11



**INTERSECTION 18: SR 4 (OGLETOWN STANTON ROAD) & OGLETOWN STANTON ROAD/OLD CHURCHMANS ROAD**

- OGLETOWN STANTON RD (NORTH LEG): MEDIAN WIDTH OF 6 FEET
- OLD CHURCHMANS RD (SOUTH LEG): MEDIAN WIDTH OF 7 FEET
- SR 4 (EAST LEG): MEDIAN WIDTH OF 28 FEET
- SR 4 (WEST LEG): MEDIAN WIDTH OF 28 FEET



**INTERSECTION 19: SR 4 (OGLETOWN STANTON RD) & SR 7 (STANTON CHRISTIANA RD)/BUSINESS ACCESS**

- SR 7 (NORTH LEG): MEDIAN WIDTH OF 14 FEET
- SR 7 (SOUTH LEG): MEDIAN WIDTH OF 7 FEET
- BUSINESS ACCESS (EAST LEG): MEDIAN WIDTH OF 28 FEET
- SR 4 (WEST LEG): MEDIAN WIDTH OF 16 FEET

**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 REMOVE EXISTING R6-3, "DIVIDED HIGHWAY" SIGN FROM ROUTE SIGN ASSEMBLY
- 2 9 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON PORK CHOP ISLAND AS SHOWN
- 3 RELOCATE EXISTING R4-7, "KEEP RIGHT" SIGN TO NEW SIGN POST ON MEDIAN NOSE, FACING WEST
- 4 13 REPLACE EXISTING UNDERSIZED "YIELD" SIGN WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 5 14 REMOVE EXISTING R5-1, "DO NOT ENTER" SIGN
- 6 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") ON EXISTING SIGN STRUCTURE AT BEGINNING OF TURN LANE TAPER
- 7 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 250' SOUTH
- 8 12 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN
- 10 STRAIGHTEN EXISTING SIGN POST
- 11 17 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 15 REPLACE EXISTING DAMAGED ROUTE ASSEMBLIES FOR M3-3, "SOUTH" (24"x12"), M1-5, "STATE ROUTE - 7" (24"x24"), AND M6-2, "45 DEGREE UPWARD RIGHT ARROW" (21"x15"); TRIM VEGETATION BLOCKING VIEW OF SIGNS
- 16 REPLACE EXISTING W16-8aP, "ADVANCED STREET NAME" PLAQUE WITH NEW W16-8aP, "ADVANCED STREET NAME" PLAQUE WITH UPPER/LOWERCASE TEXT
- 18 REMOVE EXISTING OM1-3, "OBJECT MARKER"

**INTERSECTION STRIPING RECOMMENDATIONS:**

- 1 REPLACE EXISTING FADED 16" STOP BAR FOR THE WESTBOUND APPROACH (35' LENGTH)
- 2 REPLACE EXISTING FADED 16" STOP BAR FOR THE NORTHBOUND APPROACH (60' LENGTH)
- 3 ADD 200' OF 5" WHITE DASHED (10' STRIPE, 30' GAP) LANE LINES BETWEEN THE EASTBOUND LEFT TURN LANES
- 4 REPLACE EXISTING FADED 16" STOP BAR FOR THE EASTBOUND APPROACH (50' LENGTH)
- 5 REPLACE EXISTING FADED 16" STOP BAR FOR THE SOUTHBOUND APPROACH (50' LENGTH)



**LEGEND:**

WHITE: EXISTING CONDITIONS  
YELLOW: PROPOSED CONDITIONS

RECOMMENDATION 3



RECOMMENDATIONS 7 & 16



RECOMMENDATION 14



RECOMMENDATION 15



**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 REPLACE EXISTING DAMAGED R12-3-DE, "NO TRUCKS OVER 5000 LBS EXCEPT LOCAL SERVICES" SIGN WITH NEW R12-3-DE SIGN (24"x36"); REPLACE EXISTING DAMAGED M6-1, "DIRECTIONAL ARROW - RIGHT" WITH NEW M6-1 SIGN (21"x15")
- 2 3 4 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN
- 5 8 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 6 9 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ADJACENT TO STOP BAR AS SHOWN
- 7 REMOVE EXISTING UNDERSIZED R1-2, "YIELD" SIGN (STOP BAR CONDITION PROPOSED)

**INTERSECTION STRIPING RECOMMENDATIONS:**

- 1 REPLACE EXISTING STOP BARS AT INTERSECTION (NORTHBOUND 14' LENGTH, SOUTHBOUND 10' LENGTH, EASTBOUND 54' LENGTH, WESTBOUND 38' LENGTH)
- 2 ADD 100' OF 5" SOLID DOUBLE YELLOW LANE LINES; REMOVE CONFLICTING STRIPING

**INTERSECTION 20: SR 4 (WEST NEWPORT PIKE) & FIRST STATE BOULEVARD/ROTHWELL DRIVE**

- ROTHWELL DRIVE (NORTH LEG): NO MEDIAN
- FIRST STATE BOULEVARD (SOUTH LEG): MEDIAN WIDTH OF 7 FEET
- SR 4 (WEST NEWPORT PIKE) (EAST LEG): MEDIAN WIDTH OF 6 FEET
- SR 4 (WEST NEWPORT PIKE) (WEST LEG): MEDIAN WIDTH OF 7 FEET



RECOMMENDATION 1



RECOMMENDATION 7



**LEGEND:**

WHITE: EXISTING CONDITIONS  
YELLOW: PROPOSED CONDITIONS

**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 REPLACE EXISTING R3-2, "NO LEFT TURNS" SIGN (24"x24") WITH NEW R3-18, "NO U-TURN /NO LEFT TURNS" SIGN (36"x36")
- 2 REPLACE EXISTING R1-2, "YIELD" SIGN (30"x30"x30") WITH NEW R1-2, "YIELD" SIGN (48"x48"x48");  
REPLACE EXISTING DAMAGED SIGN POST
- 3 REPLACE EXISTING R5-1, "DO NOT ENTER" SIGN (30"x30") WITH NEW R5-1, "DO NOT ENTER" SIGN (36"x36");  
ON BACK OF R5-1 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") FACING SOUTH
- 4 REPLACE EXISTING R5-1, "DO NOT ENTER" SIGN (30"x30") WITH NEW R5-1, "DO NOT ENTER" SIGN (36"x36");  
ON BACK OF R5-1 REPLACE EXISTING R3-4, "NO U-TURNS" SIGN (24"x24") WITH NEW R3-4, "NO U-TURNS" SIGN (36"x36")
- 5 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 6 REMOVE EXISTING OM1-3, "OBJECT MARKER"
- 7 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON EXISTING POST ADJACENT TO STOP BAR FACING NORTH

**INTERSECTION STRIPING RECOMMENDATIONS:**

- 1 REPLACE FADED STOPBARS FOR ALL APPROACHES AT THE INTERSECTION  
(NORTHBOUND: 12', SOUTHBOUND: 12', EASTBOUND: 38', WESTBOUND: 26')

**INTERSECTION 21: SR 4 (WEST NEWPORT PIKE) & GLEN BERNE DRIVE/SHOPPING CENTER ACCESS**

- GLEN BERNE DRIVE (NORTH LEG): NO MEDIAN
- SHOPPING CENTER ACCESS (SOUTH LEG): MEDIAN WIDTH OF 4 FEET
- SR 4 (WEST NEWPORT PIKE) (EAST LEG): MEDIAN WIDTH OF 17 FEET
- SR 4 (WEST NEWPORT PIKE) (WEST LEG): MEDIAN WIDTH OF 6 FEET

RECOMMENDATION 1



RECOMMENDATION 2



RECOMMENDATION 4



RECOMMENDATION 4



RECOMMENDATION 6



**LEGEND:**

WHITE: EXISTING CONDITIONS  
YELLOW: PROPOSED CONDITIONS

**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 4 REMOVE EXISTING OM1-3, "OBJECT MARKER"
- 2 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") AND R3-20-DE, "TURN LANE" SIGN (18"x18") AS SHOWN
- 3 REMOVE EXISTING BACK TO BACK R6-1L/R6-1R, "ONE WAY" SIGNS, EXISTING R6-3, "DIVIDED HIGHWAY" SIGN, AND "SIGNAL DETECTION TRIP" SIGN FROM EXISTING SIGN POST; INSTALL NEW R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") AND NEW R10-6-DE, "WAIT HERE TO TRIP SIGNAL" SIGN (24"x30") FACING SOUTH; MOVE EXISTING "NO STOPPING STANDING OR PARKING" AND "END" SIGNS BELOW NEW SIGNS
- 5 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 6 INSTALL NEW R1-2, "YIELD" SIGN (48"x48"x48") AT YIELD POINT AS SHOWN
- 7 REMOVE EXISTING R1-2, "YIELD" SIGN FROM PORK CHOP ISLAND; INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON EXISITNG SIGN POST FACING NORTH

**INTERSECTION STRIPING RECOMMENDATIONS:**

- 1 RESTRIPE EXISTING FADED STOP BAR ON THE EASTBOUND APPROACH (40' LENGTH)

**INTERSECTION 22: SR 4 (WEST NEWPORT PIKE) & HERSHEY RUN DRIVE/MACARTHUR DRIVE**

- HERSHEY RUN DRIVE (NORTH LEG): NO MEDIAN
- MACARTHUR DRIVE (SOUTH LEG): NO MEDIAN
- SR 4 (WEST NEWPORT PIKE) (EAST LEG): MEDIAN WIDTH OF 6 FEET
- SR 4 (WEST NEWPORT PIKE) (WEST LEG): MEDIAN WIDTH OF 6 FEET

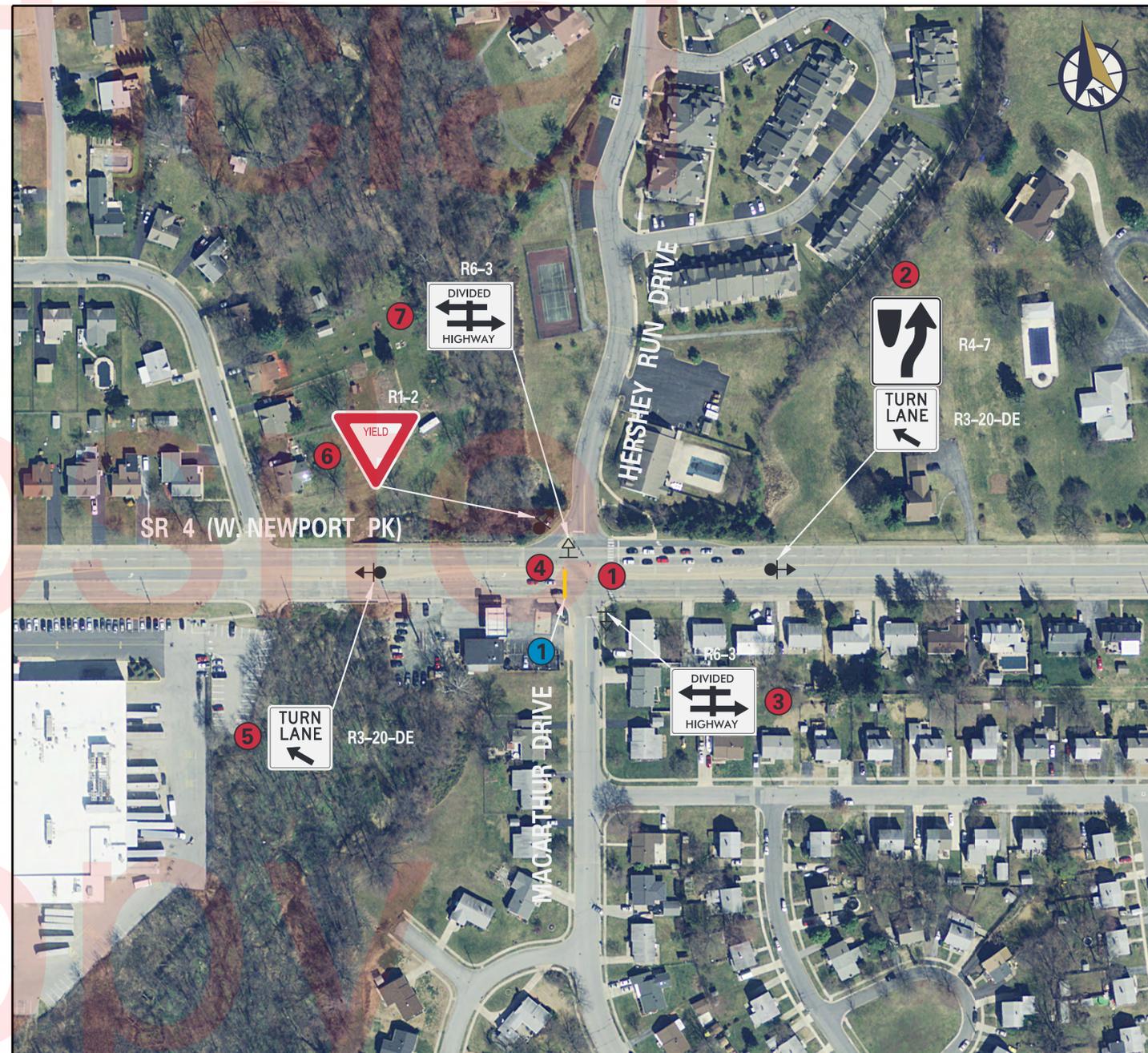
RECOMMENDATION 1



RECOMMENDATION 3



RECOMMENDATION 7



**LEGEND:**

WHITE: EXISTING CONDITIONS  
YELLOW: PROPOSED CONDITIONS

**INTERSECTION SIGNING RECOMMENDATIONS:**

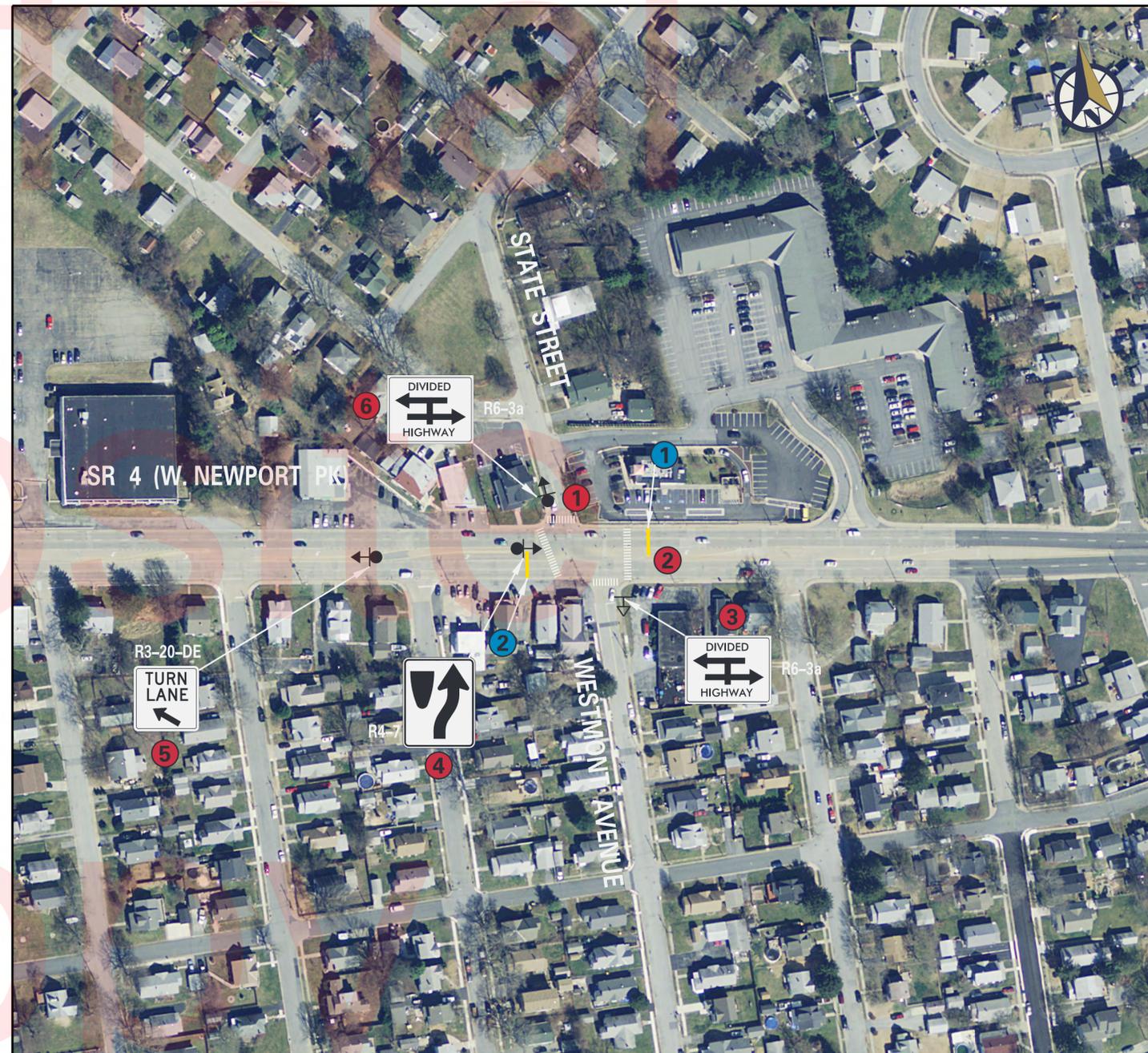
- 1 REINSTALL EXISTING "NO TRUCKS" SIGN ON UTILITY POLE WITH CORRECT ROTATION
- 2 REMOVE EXISTING OM1-3, "OBJECT MARKER"
- 3 REPLACE EXISTING UNDERSIZED R6-3a, "DIVIDED HIGHWAY - T INTERSECTION" SIGN WITH NEW R6-3a, "DIVIDED HIGHWAY - T INTERSECTION" SIGN (30"x24")
- 4 INSTALL R4-7, "KEEP RIGHT" SIGN (24"x30") ON MEDIAN NOSE AS SHOWN
- 5 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 6 INSTALL R6-3a, "DIVIDED HIGHWAY - T INTERSECTION" SIGN (30"x24") ADJACENT TO STOP BAR FACING NORTH

**INTERSECTION STRIPING RECOMMENDATIONS:**

- 1 RESTRIPE STOP BAR FOR THE WESTBOUND DIRECTION (38' TOTAL)
- 2 RESTRIPE STOP BAR FOR THE EASTBOUND DIRECTION (36' TOTAL)

**INTERSECTION 23: SR 4 (WEST NEWPORT PIKE) & STATE STREET/WESTMONT AVENUE**

- STATE STREET (NORTH LEG): NO MEDIAN
- WESTMONT AVENUE (SOUTH LEG): NO MEDIAN
- SR 4 (WEST NEWPORT PIKE) (EAST LEG): MEDIAN WIDTH OF 6 FEET
- SR 4 (WEST NEWPORT PIKE) (WEST LEG): MEDIAN WIDTH OF 6 FEET



RECOMMENDATION 1



RECOMMENDATION 3



**LEGEND:**

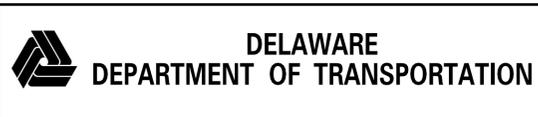
WHITE: EXISTING CONDITIONS  
YELLOW: PROPOSED CONDITIONS

CORRIDOR: SR 4

SR 4 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	Chrysler Plant Access	45.00	13.00	45.00	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	SR 896/South College Avenue	118.69	45.69	122.44	9	14	-	-	-	-	-	-	194	-	-	-	-	-	-	-	-	-	-
3	Robscott Turn	36.25	16.50	36.25	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	SR 72	102.00	107.63	111.00	8	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Kingston Road	48.00	55.25	84.00	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Marrows Road/Manfield Road	100.50	82.13	138.75	6	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Gender Road/Chestnut Crossing Drive	79.25	58.00	108.51	2	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Eastbound Crossover	21.00	26.50	39.00	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Pearson Drive	60.25	8.25	62.50	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Augusta Drive/Shopping Center Access	42.25	17.63	47.25	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Salem Church Road	115.69	138.56	180.88	5	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	SR 273 Off-Ramps	172.00	41.75	181.00	2	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Prides Crossing/Allandale Drive	124.25	76.58	141.58	2	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Harmony Road	95.94	50.25	104.94	4	8	-	-	-	-	-	-	60	-	-	-	-	-	-	-	-	-	-
15	Samoset Drive/Rolling Drive	71.25	12.50	71.25	2	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Hygeia Drive	76.00	21.38	76.00	2	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	SR 58	85.75	39.63	94.75	3	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Old Churchmans Road/Ogletown Stanton Road	63.50	27.25	63.50	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	SR 7	58.44	56.44	72.44	4	7	-	-	-	-	-	-	195	-	-	-	-	-	50	-	-	-	-
20	First State Boulevard/Rothwell Drive	37.69	11.31	37.69	5	7	80	-	-	-	136	-	14	-	-	-	120	-	-	-	100	-	-
21	Glen Berne Drive/Shopping Center Access	56.25	25.88	56.25	1	2	-	-	-	-	102	-	12	-	-	-	-	-	-	-	-	-	-
22	Hershey Run Drive/Macarthur Drive	32.50	20.13	34.50	2	3	-	-	-	-	54	-	-	-	-	-	-	-	-	-	-	-	-
23	State Street/Westmont Avenue	17.25	10.25	22.25	2	3	-	-	-	-	99	-	-	-	-	-	-	-	-	-	-	-	-
<b>Quantity Total:</b>		1660	963	1932	66	139	80	0	0	0	391	0	475	0	0	0	120	0	50	0	100	-	-

Official Website Copy

PLOTTED BY: KBLAKE DATE: 8/24/2016 FILE LOCATION: Q:\INDE\120142\_000\_TRAFFIC\_ENGINEERING...\CADD\1+02\QUANTITY SHEETS.DGN [ SHEET: J



ADDENDUMS / REVISIONS

NOT TO SCALE

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

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

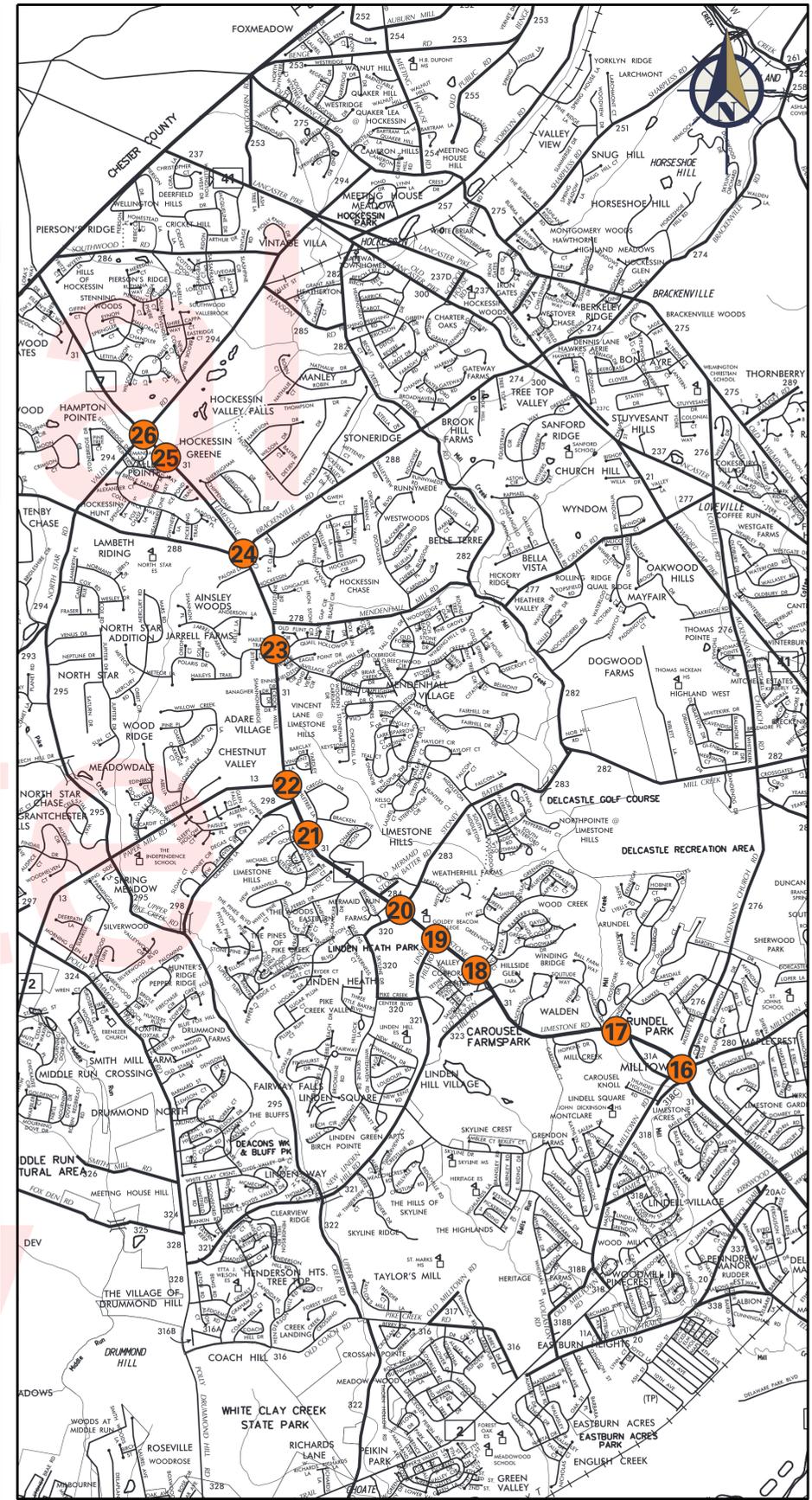
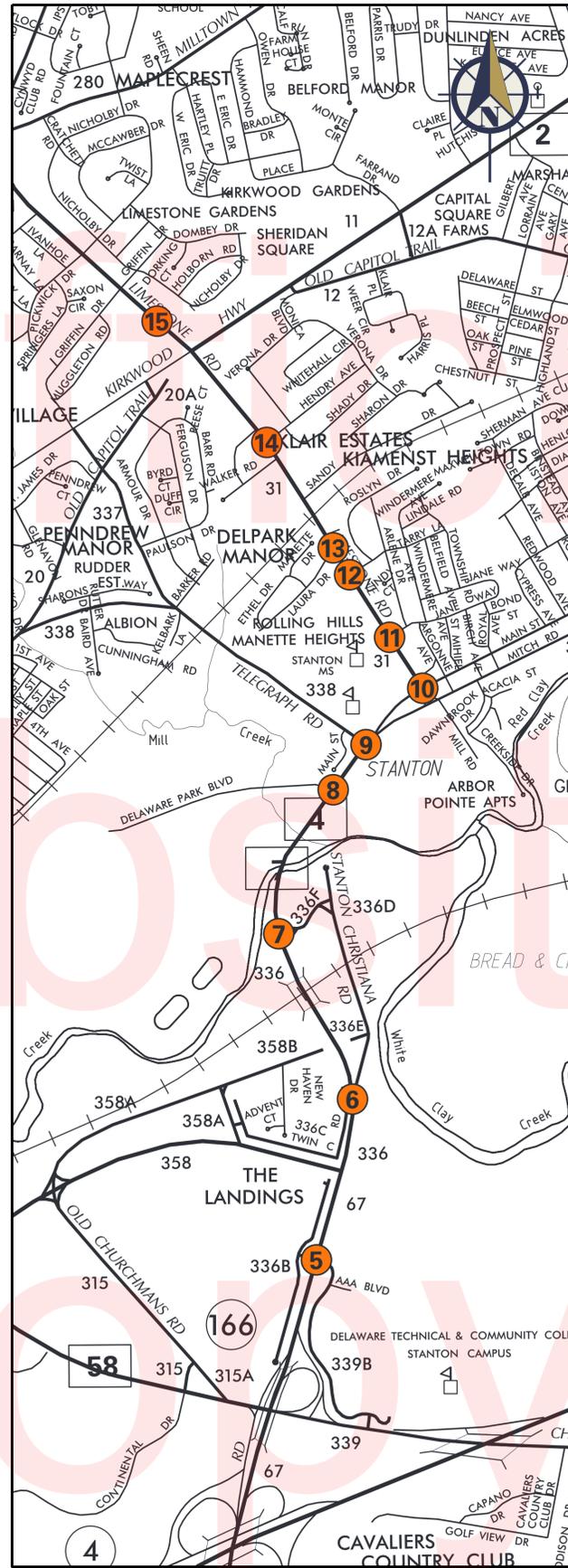
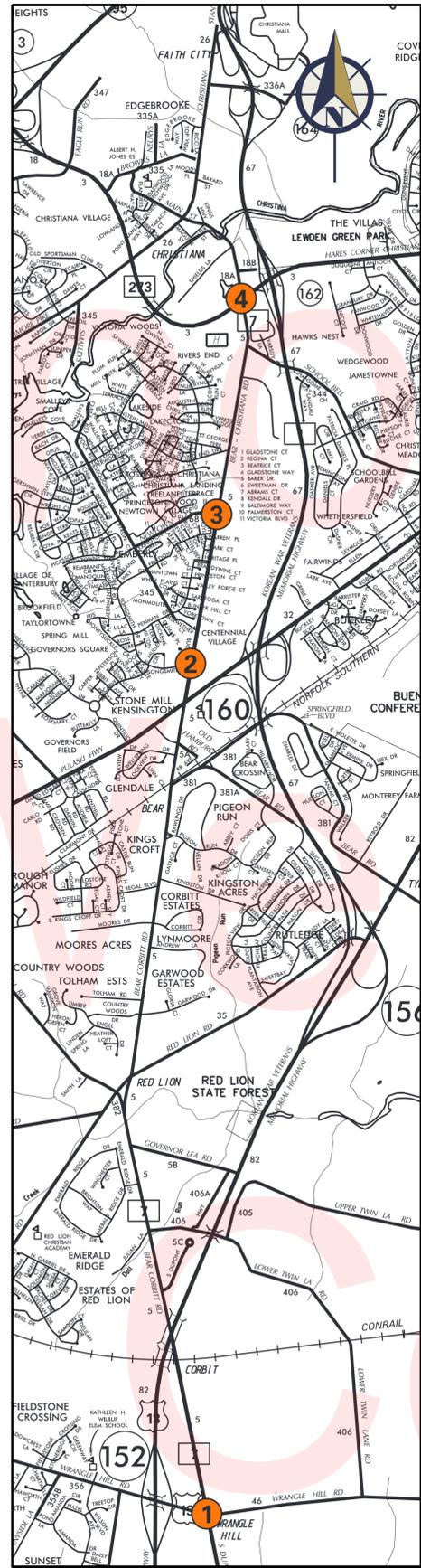
**SR 4 INTERSECTION QUANTITIES**

SHEET NO.	162
TOTAL SHTS.	522

**SIGNALIZED MEDIAN CROSSOVER LOCATIONS: SR 7**

CORRIDOR: SR 7

- 1 SR 72 (WRANGLE HILL ROAD)
- 2 SONGSMITH DRIVE
- 3 NEWTOWN ROAD
- 4 SR 273 (CHRISTIANA ROAD)
- 5 AAA BOULEVARD
- 6 STANTON CHRISTIANA RD
- 7 OLD STANTON RD
- 8 DELAWARE PARK BOULEVARD
- 9 TELEGRAPH ROAD
- 10 SR 4 (MAIN ST)
- 11 JANE WAY
- 12 TARRY LANE
- 13 LAURA DRIVE
- 14 HENDRY AVE
- 15 SHOPPING CENTER
- 16 MILLTOWN ROAD
- 17 ARUNDEL DRIVE
- 18 GREENWOOD DRIVE
- 19 NEW LINDEN HILL ROAD
- 20 SKYLINE DRIVE /STONEY BATTER ROAD
- 21 STEVEN LANE /OCHELTREE LANE
- 22 SR 72 (PAPER MILL ROAD)
- 23 HAILEYS TRAIL /VILLAGE DRIVE
- 24 LITTLE BALTIMORE DRIVE /BRACKENVILLE ROAD
- 25 LANTANA DRIVE
- 26 VALLEY ROAD



PLOTTED BY: KBLAKE DATE: 8/24/2016  
 FILE LOCATION: Q:\INDE\120142\_000\_TRAFFIC\_ENGINEERING\_V\CADD\1+02\DE 7\_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: KAY	
COUNTY	CHECKED BY: MAW / KPR	
NEW CASTLE		

**SR 7 INTERSECTION OVERVIEW**

SHEET NO.	163
TOTAL SHTS.	522

**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 3 7 11 REPLACE EXISTING UNDERSIZED R1-2, "YIELD" SIGN WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 2 INSTALL PROPOSED R6-3, "DIVIDED HIGHWAY" SIGN (24"x30") AS SHOWN
- 4 9 12 INSTALL PROPOSED R5-1a, "WRONG WAY" SIGN (30"x42") FACING OPPOSING TRAFFIC AS SHOWN
- 5 REMOVE EXISTING OM1-3, OBJECT MARKER SIGN
- 6 RELOCATE EXISTING R3-20-DE, "TURN LANE" SIGN 100 FT TO THE SOUTH, ADJACENT TO THE BEGINNING OF THE LEFT TURN LANE TAPER AS SHOWN
- 8 INSTALL PROPOSED R6-3, "DIVIDED HIGHWAY" SIGN (24"x30") ADJACENT TO THE STOP BAR FACING WEST; INSTALL PROPOSED R5-1, "DO NOT ENTER" SIGN (36"x36") ON OPPOSING TRAFFIC SIDE OF SAME POST FACING EAST AS SHOWN
- 10 INSTALL PROPOSED R3-20-DE, "TURN LANE" (18"x18") SIGN ON EXISTING POST WITH ROUTE ASSEMBLY SIGNS
- 13 INSTALL PROPOSED R3-20-DE, "TURN LANE" (18"x18") SIGN ON EXISTING POST WITH ROUTE ASSEMBLY SIGNS; INSTALL R5-1a, "WRONG WAY" SIGN (30"x42") ON OPPOSING TRAFFIC SIDE OF EXISTING POST WITH "STATE ROUTE" SIGNS
- 14 RELOCATE EXISTING W3-3, SIGNAL AHEAD SIGN 270 FT TO THE NORTH

**INTERSECTION STRIPING RECOMMENDATIONS:**

- 1 RESTRIPE 16" SOLID WHITE STOP BAR ACROSS THE NORTHBOUND (52 FT), WESTBOUND (36 FT), AND SOUTHBOUND (49 FT) APPROACHES
- 2 INSTALL 195 FT OF 5" SOLID WHITE LANE LINES AROUND PORKCHOP ISLAND; REMOVE CONFLICTING STRIPING WITHIN PORKCHOP ISLAND
- 3 REMOVE 15 FT OF 16" SOLID WHITE STOP BAR

RECOMMENDATIONS 1, 3, 7, & 11



RECOMMENDATION 5



RECOMMENDATION 10



RECOMMENDATION 13



**INTERSECTION 1: SR 7 (BEAR CORBITT ROAD) & SR 72 (WRANGLE HILL ROAD)**

- SR 7 (BEAR CORBITT ROAD) (NORTH LEG): MEDIAN WIDTH OF 22 FEET
- US 13 (SOUTH DUPONT HIGHWAY) (SOUTH LEG): MEDIAN WIDTH OF 16 FEET
- SR 72 (WRANGLE HILL ROAD) (EAST LEG): NO MEDIAN
- US 13 /SR 72 (WRANGLE HILL ROAD) (WEST LEG): MEDIAN WIDTH OF 8 FEET



**LEGEND:**

WHITE: EXISTING CONDITIONS  
YELLOW: PROPOSED CONDITIONS

PLOTTED BY: KBLAKE DATE: 8/24/2016 FILE LOCATION: Q:\INDE\120142\_000\_TRAFFIC\_ENGINEERING...\CADD\1\02\DE 7\_01.DGN [ SHEET: 1 ]

**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 3 INSTALL PROPOSED R6-3, "DIVIDED HIGHWAY" SIGN (24"x30") ADJACENT TO THE STOP BAR AS SHOWN
- 2 4 INSTALL PROPOSED R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 5 REMOVE EXISTING OM1-3, OBJECT MARKER SIGN

**INTERSECTION STRIPING RECOMMENDATIONS:**

- NONE

**INTERSECTION 2: SR 7 (BEAR CHRISTIANA ROAD) & SONGSMITH DRIVE**

- SR 7 (BEAR CHRISTIANA ROAD) (NORTH LEG): MEDIAN WIDTH OF 7 FEET
- SR 7 (BEAR CHRISTIANA ROAD) (SOUTH LEG): MEDIAN WIDTH OF 7 FEET
- SONGSMITH DRIVE (EAST LEG): MEDIAN WIDTH OF 18 FEET
- SONGSMITH DRIVE (WEST LEG): MEDIAN WIDTH OF 18 FEET

RECOMMENDATION 5



**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 5 INSTALL PROPOSED R6-3, "DIVIDED HIGHWAY" SIGN (24"x30") AS SHOWN
- 2 INSTALL PROPOSED R1-2, "YIELD" SIGN (48"x48"x48") AS SHOWN
- 3 INSTALL PROPOSED R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 4 8 REMOVE EXISTING OM1-3, OBJECT MARKER SIGN
- 6 9 REPLACE EXISTING UNDERSIZED R1-2, "YIELD" SIGN WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 7 REMOVE EXISTING R3-7, "RIGHT LANE MUST TURN RIGHT" SIGN
- 10 INSTALL PROPOSED R4-7, KEEP RIGHT SIGN (30"x24") ON MEDIAN NOSE AS SHOWN

**INTERSECTION STRIPING RECOMMENDATIONS:**

- 1 RESTRIPE 11 FT OF 16" SOLID WHITE STOP BAR

**INTERSECTION 3: SR 7 (BEAR CHRISTIANA ROAD) & NEWTOWN ROAD**

- SR 7 (BEAR CHRISTIANA ROAD) (NORTH LEG): MEDIAN WIDTH OF 6 FEET
- SR 7 (BEAR CHRISTIANA ROAD) (SOUTH LEG): MEDIAN WIDTH OF 6 FEET
- NEWTOWN ROAD (EAST LEG): NO MEDIAN
- NEWTOWN ROAD (WEST LEG): MEDIAN WIDTH OF 9 FEET

NOTE: NORTH LEG IS CURRENTLY UNDER CONSTRUCTION



**LEGEND:**

WHITE: EXISTING CONDITIONS  
 YELLOW: PROPOSED CONDITIONS

RECOMMENDATIONS 4 & 8



RECOMMENDATIONS 6 & 9



RECOMMENDATION 7



**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 6 INSTALL PROPOSED R6-3, "DIVIDED HIGHWAY" SIGN (24"x30") ON PORK CHOP ISLAND AS SHOWN
- 2 INSTALL PROPOSED R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 3 5 8 12 REMOVE EXISTING R6-3, "DIVIDED HIGHWAY" SIGN AND OM1-3, OBJECT MARKER SIGN
- 4 9 INSTALL PROPOSED R6-1L, "ONE WAY" SIGN (12"x36"), R6-1R, "ONE WAY" SIGN (12"x36"), AND R6-3, "DIVIDED HIGHWAY" SIGN (24"x30") AS SHOWN
- 7 INSTALL PROPOSED R3-20-DE, "TURN LANE" SIGN (18"x18") ON EXISTING POST BELOW D1-1, DESTINATION SIGN
- 10 INSTALL PROPOSED R3-8 SERIES SIGN (30"x60") (LEFT ONLY /LEFT THROUGH /THROUGH ONLY /RIGHT ONLY) ACROSS FROM EXISTING R3-8 AS SHOWN
- 11 REPLACE EXISTING R3-8 SERIES SIGN WITH NEW R3-8 SERIES SIGN (30"x60") (LEFT ONLY /LEFT THROUGH / THROUGH ONLY /RIGHT ONLY)

**INTERSECTION STRIPING RECOMMENDATIONS:**

- NONE

RECOMMENDATIONS 3, 5, 8, & 12



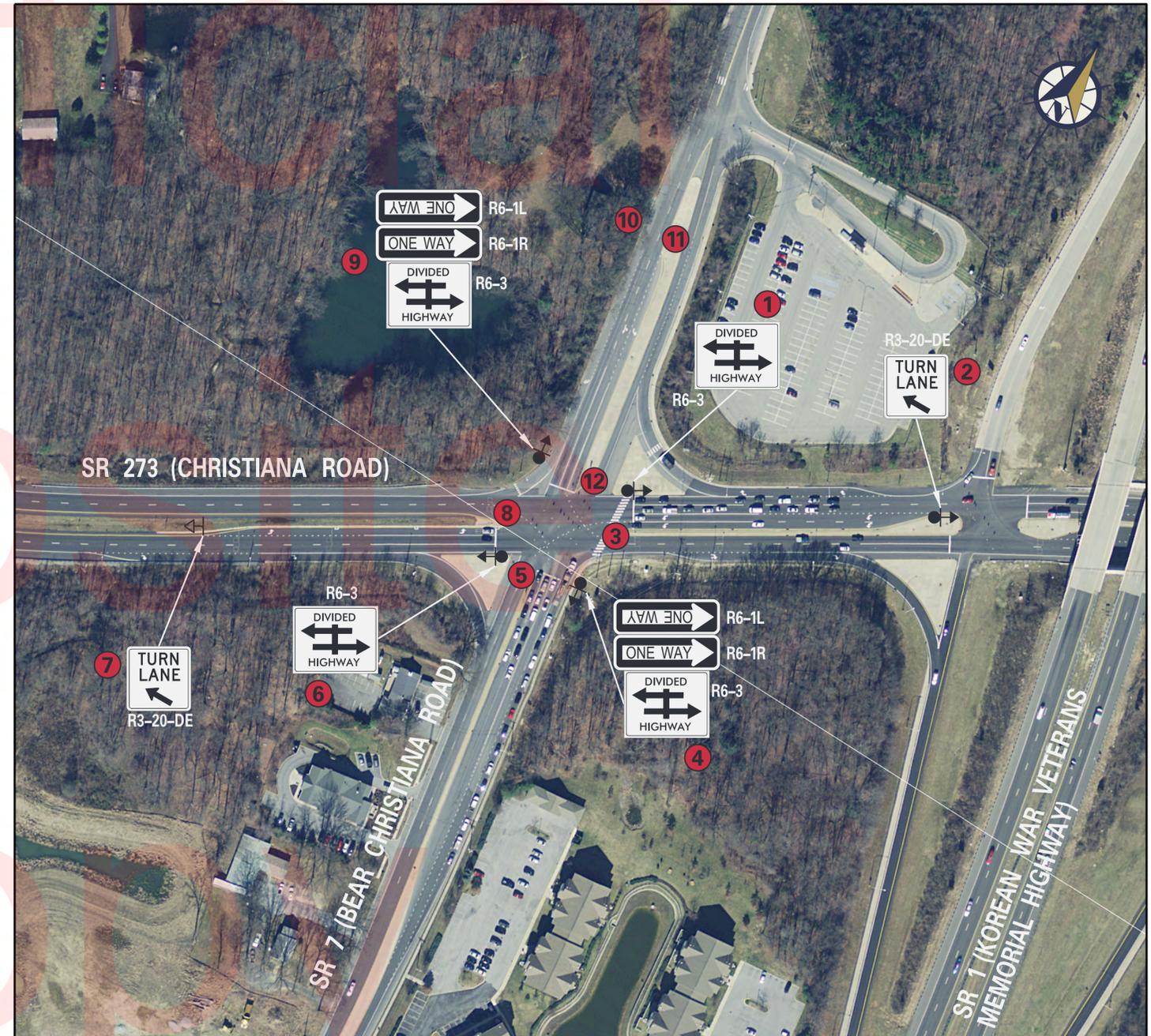
RECOMMENDATIONS 10 & 11



**INTERSECTION 4: SR 7 (BEAR CHRISTIANA ROAD) & SR 273 (CHRISTIANA ROAD)**

- SR 7 (BEAR CHRISTIANA ROAD) (NORTH LEG): MEDIAN WIDTH OF 19 FEET
- SR 7 (BEAR CHRISTIANA ROAD) (SOUTH LEG): MEDIAN WIDTH OF 6 FEET
- SR 273 (CHRISTIANA ROAD) (EAST LEG): MEDIAN WIDTH OF 10 FEET
- SR 273 (CHRISTIANA ROAD) (WEST LEG): MEDIAN WIDTH OF 21 FEET

NOTE: SOUTH LEG IS CURRENTLY UNDER CONSTRUCTION



**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 REMOVE EXISTING UNDERSIZED R6-3, "DIVIDED HIGHWAY" SIGN FROM POST WITH ROUTE MARKER SIGNS; INSTALL NEW R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON NEW SEPARATE POST AS SHOWN
- 2 INSTALL PROPOSED R6-1L, "ONE WAY" SIGN (12"x36"), R6-1R, "ONE WAY" SIGN (12"x36"), AND R4-7, KEEP RIGHT SIGN (24"x30") ON MEDIAN NOSE AS SHOWN
- 3 5 10 REPLACE EXISTING STAINED /DAMAGED R4-7, KEEP RIGHT SIGN (24"x30") WITH SAME SIGN AND SIZE; STRAIGHTEN SIGN POST
- 4 RELOCATE EXISTING "NORTH /7 /ADVANCE TURN ARROW" SIGNS LOWER ON EXISTING POST; INSTALL PROPOSED R6-1L, "ONE WAY" SIGN (12"x36") AND R6-1R, "ONE WAY" SIGN (12"x36") AT TOP OF SIGN POST; REPLACE EXISTING UNDERSIZED R6-3, "DIVIDED HIGHWAY" SIGN WITH NEW R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") BELOW RELOCATED ADVANCE TURN ARROW SIGN
- 6 INSTALL PROPOSED R1-2, "YIELD" SIGN (48"x48"x48") AS SHOWN
- 7 INSTALL PROPOSED R5-1, "DO NOT ENTER" SIGN (36"x36") FACING OPPOSING TRAFFIC AS SHOWN
- 8 REMOVE EXISTING UNDERSIZED R5-1a, "WRONG WAY" SIGN; INSTALL PROPOSED R5-1a, "WRONG WAY" SIGN (42"x30") ON NEW POST FACING OPPOSING TRAFFIC AS SHOWN
- 9 REPLACE EXISTING W16-8P, ADVANCE STREET NAME PLAQUE (9"x30") WITH SAME SIGN AND SIZE WITH UPPER /LOWER CASE TEXT; RELOCATE EXISTING W3-3, SIGNAL AHEAD SIGN AND NEW W16-8P, ADVANCE STREET NAME PLAQUE 235 FT TO THE NORTH ON THE OUTSIDE EDGE OF ROADWAY ON NEW POST

**INTERSECTION STRIPING RECOMMENDATIONS:**

- NONE

RECOMMENDATION 1



RECOMMENDATIONS 3, 5, & 10



RECOMMENDATION 4



RECOMMENDATION 8 (ON BACK)

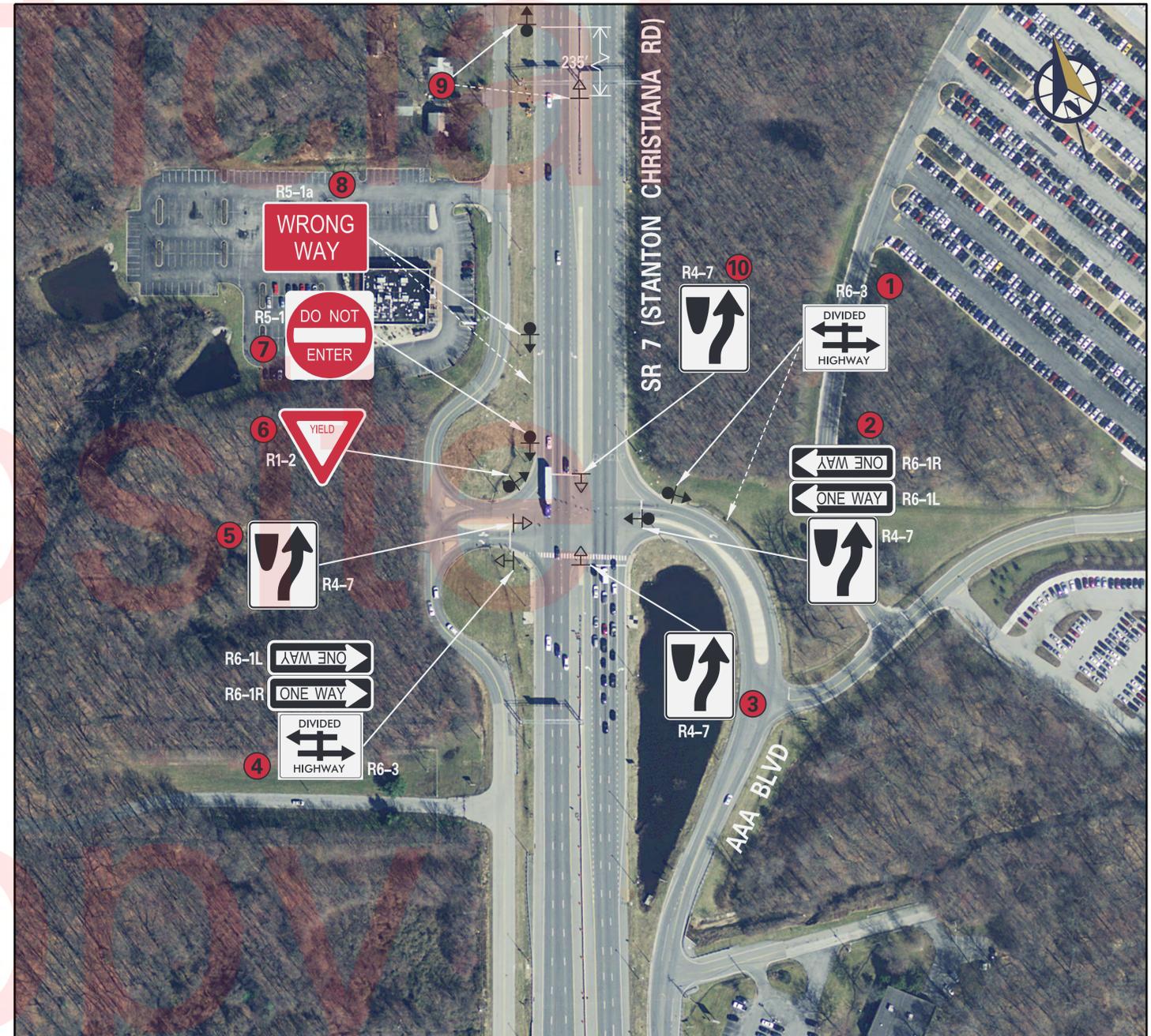


RECOMMENDATION 9



**INTERSECTION 5: SR 7 (STANTON CHRISTIANA RD) & AAA BLVD**

- SR 7 (STANTON CHRISTIANA RD) (NORTH LEG): MEDIAN WIDTH OF 19 FEET
- SR 7 (STANTON CHRISTIANA RD) (SOUTH LEG): MEDIAN WIDTH OF 19 FEET
- AAA BLVD (EAST LEG): MEDIAN WIDTH OF 8 FEET
- AAA BLVD (WEST LEG): MEDIAN WIDTH OF 18 FEET



**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 REPLACE EXISTING UNDERSIZED R1-2, "YIELD" SIGN (30"x30"x30") WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 2 REPLACE (2) EXISTING FADED M1-8, BICYCLE ROUTE SIGNS (12"x18") WITH (2) NEW M1-8, BICYCLE ROUTE SIGNS (18"x24"); REPLACE EXISTING FADED M6-1, BICYCLE ROUTE ARROW SIGN (12"x9") WITH SAME SIGN AND SIZE
- 3 REPLACE EXISTING DAMAGED M3-1, "NORTH" SIGN (12"x24"), M1-5, STATE ROUTE SIGN (24"x24"), AND M5-1R, ADVANCE TURN ARROW (21"x15") WITH SAME SIGNS AND SIZES
- 4 REPLACE EXISTING W1-1R, HORIZONTAL ALIGNMENT SIGN (36"x36") AND W13-1P, ADVISORY SPEED PLAQUE (18"x18") WITH SAME SIGNS AND SIZES
- 5 REPLACE EXISTING DAMAGED W3-3, SIGNAL AHEAD SIGN (36"x36") WITH SAME SIGN AND SIZE; STRAIGHTEN SIGN POST
- 6 REMOVE EXISTING OM1-3, OBJECT MARKER SIGN
- 7 INSTALL PROPOSED R6-1L, "ONE WAY" SIGN (12"x36"), R6-1R, "ONE WAY" SIGN (12"x36"), AND R6-3a, "DIVIDED HIGHWAY - T INTERSECTION" SIGN (24"x30") IN PORK CHOP ISLAND AS SHOWN
- 8 INSTALL PROPOSED R1-2, "YIELD" SIGN (48"x48"x48") AS SHOWN
- 9 RELOCATE EXISTING W3-3, SIGNAL AHEAD SIGN 315 FT TO THE SOUTH ONTO A NEW POST; REPLACE EXISTING DAMAGED "HISTORIC HALE-BYRNES HOUSE" SIGN (24"x36") WITH SAME SIGN AND SIZE AND PLACE ON SEPARATE EXISTING POST
- 10 REPLACE EXISTING UNDERSIZED R3-4, NO U TURN SIGN (24"x24") WITH NEW R3-18, NO LEFT TURN /U TURN SIGN (36"x36"); RELOCATE EXISTING W3-3, SIGNAL AHEAD SIGN TO OUTSIDE EDGE OF ROADWAY ON NEW POST; INSTALL PROPOSED R4-7, KEEP RIGHT SIGN (24"x30") ON SAME POST
- 11 REPLACE EXISTING DAMAGED M6-3, BLUE DIRECTIONAL ARROW SIGN (12"x24"), EM-1-DE, "EVACUATION ROUTE" SIGN (24"x24"), AND BLUE ARROW PLAQUE (12"x12") WITH SAME SIGNS AND SIZES; STRAIGHTEN SIGN POST
- 12 INSTALL PROPOSED R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 13 REPLACE EXISTING DAMAGED W8-25, "SHOULDER ENDS" SIGN (36"x36") AND EXISTING DAMAGED W16-2P, "1000 FEET" PLAQUE (24"x18") WITH SAME SIGN AND SIZE; RELOCATE SIGNS 250 FT TO THE NORTH (1000 FT FROM ACTUAL END OF SHOULDER)
- 14 REMOVE EXISTING DAMAGED W3-3, SIGNAL AHEAD SIGN; REPLACE EXISTING DAMAGED "HISTORIC HALE-BYRNES HOUSE" SIGN (24"x36") WITH SAME SIGN AND SIZE AND PLACE ON EXISTING POST; INSTALL PROPOSED W3-3, SIGNAL AHEAD SIGN (36"x 36") 150 FT TO THE NORTH OF CURRENT LOCATION ON SEPARATE NEW POST

**INTERSECTION STRIPING RECOMMENDATIONS:**

- 1 RESTRIPE 16" SOLID WHITE STOP BAR LINES ACROSS THE NORTHBOUND (35 FT), WESTBOUND (15 FT), AND SOUTHBOUND (49 FT) APPROACHES

**INTERSECTION 6: SR 7 /SR 4 (STANTON CHRISTIANA RD) & STANTON CHRISTIANA RD**

- SR 7 /SR 4 (STANTON CHRISTIANA RD) (NORTH LEG): MEDIAN WIDTH OF 6 FEET
- SR 7 /SR 4 (STANTON CHRISTIANA RD) (SOUTH LEG): MEDIAN WIDTH OF 18 FEET
- STANTON CHRISTIANA RD (EAST LEG): MEDIAN WIDTH OF 6 FEET



**LEGEND:**

WHITE: EXISTING CONDITIONS  
 YELLOW: PROPOSED CONDITIONS

RECOMMENDATION 2



RECOMMENDATION 3



RECOMMENDATION 4



RECOMMENDATION 5



RECOMMENDATION 9



RECOMMENDATION 11



RECOMMENDATION 13



RECOMMENDATION 14



CONTRACT	PERMIT NO.	<b>N658</b>
T201508305	DESIGNED BY: KAY	
COUNTY	CHECKED BY: MAW / KPR	
NEW CASTLE		

**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 REPLACE EXISTING DAMAGED W3-3, SIGNAL AHEAD SIGN (36"x36") WITH SAME SIGN AND SIZE
- 2 REPLACE EXISTING UNDERSIZED R1-2, "YIELD" SIGN WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 3 INSTALL PROPOSED R6-3a, "DIVIDED HIGHWAY - T INTERSECTION" SIGN (24"x30") ON PORK CHOP ISLAND AS SHOWN
- 4 REPLACE EXISTING UNDERSIZED R1-2, "YIELD" SIGN WITH NEW R1-2, "YIELD" SIGN (48"x48"x48"); REMOVE EXISTING R5-1, "DO NOT ENTER" SIGN
- 5 REMOVE EXISTING R5-1a, "WRONG WAY" SIGN
- 6 REPLACE EXISTING DAMAGED W3-3, SIGNAL AHEAD SIGN (36"x36") WITH SAME SIGN AND SIZE; RELOCATE 270 FT TO THE SOUTH AS SHOWN
- 7 REPLACE EXISTING UNDERSIZED R3-4, NO U TURN SIGN (24"x24") WITH NEW R3-18, NO U TURN /LEFT TURN SIGN (36"x36")
- 8 REMOVE EXISTING DAMAGED /FADED W1-6, ONE DIRECTION LARGE ARROW SIGN (48"x24"); INSTALL PROPOSED R6-1L, "ONE WAY" SIGN (12"x36") ON EXISTING POST AS SHOWN
- 9 REPLACE EXISTING DAMAGED W16-8aP, ADVANCE STREET NAME SIGN (18"x30") WITH SAME SIGN AND SIZE WITH UPPER /LOWER CASE TEXT
- 10 INSTALL PROPOSED R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER

**INTERSECTION STRIPING RECOMMENDATIONS:**

- 1 RESTRIPE 16" SOLID WHITE STOP BAR LINES ACROSS THE SOUTHBOUND (47 FT) AND WESTBOUND (14 FT) APPROACHES

RECOMMENDATION 1



RECOMMENDATION 4



RECOMMENDATION 5



RECOMMENDATION 6



RECOMMENDATION 8



RECOMMENDATION 9



**INTERSECTION 7: SR 7 /SR 4 (STANTON CHRISTIANA RD) & OLD STANTON RD**

- SR 7 /SR 4 (STANTON CHRISTIANA RD) (NORTH LEG): MEDIAN WIDTH OF 5 FEET
- SR 7 /SR 4 (STANTON CHRISTIANA RD) (SOUTH LEG): MEDIAN WIDTH OF 16 FEET
- OLD STANTON ROAD (EAST LEG): NO MEDIAN



**LEGEND:**

WHITE: EXISTING CONDITIONS  
YELLOW: PROPOSED CONDITIONS

**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 REPLACE EXISTING UNDERSIZED R1-2, "YIELD" SIGN (30"x30"x30") WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 2 INSTALL PROPOSED R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 3 REMOVE EXISTING DAMAGED D1-2, DESTINATION SIGN (APPROXIMATELY 24"x48") AND DELAWARE PARK SIGN (APPROXIMATELY 30"x24") (DESTINATION SIGN BEING REPLACED AS W16-8aP, "ADVANCED STREET NAME" PLAQUE AS PART OF RECOMMENDATION 4)
- 4 INSTALL NEW W16-8aP, "ADVANCE STREET NAME" SIGN WITH UPPER/LOWER CASE TEXT UNDER EXISTING W3-3, "SIGNAL AHEAD" SIGN
- 5 INSTALL PROPOSED R6-3a, "DIVIDED HIGHWAY - T INTERSECTION" SIGN (24"x30") ON PORK CHOP ISLAND AS SHOWN
- 6 REPLACE EXISTING M4-5, "TO" SIGN (12"x24") AND M6-2, DIRECTIONAL ARROW SIGN (15"x21") WITH SAME SIGNS AND SIZES WITH BLUE INTERSTATE VERSIONS OF SIGNS
- 7 REPLACE EXISTING UNDERSIZED R1-2, "YIELD" SIGN (30"x30"x30") WITH NEW R1-2, "YIELD" SIGN (48"x48"x48"); REMOVE EXISTING R5-1, "DO NOT ENTER" SIGN FROM OPPOSING TRAFFIC SIDE OF POST
- 8 RELOCATE EXISTING W3-3, "SIGNAL AHEAD" SIGN 200 FT TO THE NORTH AS SHOWN
- 9 REPLACE EXISTING UNDERSIZED R3-4, NO U TURN SIGN WITH NEW R3-18, NO U TURN /LEFT TURN SIGN (36"x36")
- 10 INSTALL PROPOSED R6-1L, "ONE WAY" SIGN (12"x36") AS SHOWN

**INTERSECTION STRIPING RECOMMENDATIONS:**

- 1 RESTRIPE 48 FT OF 16" SOLID WHITE STOP BAR

**INTERSECTION 8: SR 7 /SR 4 (STANTON CHRISTIANA RD) & DELAWARE PARK BLVD**

- SR 7 /SR 4 (STANTON CHRISTIANA RD) (NORTH LEG): MEDIAN WIDTH OF 16 FEET
- SR 7 /SR 4 (STANTON CHRISTIANA RD) (SOUTH LEG): MEDIAN WIDTH OF 6 FEET
- DELAWARE PARK BLVD (WEST LEG): NO MEDIAN



RECOMMENDATION 3



RECOMMENDATION 6



RECOMMENDATION 7



RECOMMENDATION 8



RECOMMENDATION 9



**LEGEND:**

WHITE: EXISTING CONDITIONS  
YELLOW: PROPOSED CONDITIONS

**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 9 INSTALL PROPOSED R6-3, "DIVIDED HIGHWAY" SIGN (24"x30") ADJACENT TO STOP BAR AS SHOWN
- 2 3 4 INSTALL PROPOSED R4-7, KEEP RIGHT SIGN (30"x24") ON MEDIAN NOSE AS SHOWN
- 5 REMOVE EXISTING W11-1, "SHARE THE ROAD" SIGN
- 6 REPLACE EXISTING FADED DESTINATION SIGN (APPROXIMATELY 36"x60") WITH SAME SIGN AND SIZE WITH UPPER /LOWER CASE TEXT
- 7 13 INSTALL PROPOSED R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 8 10 REPLACE EXISTING UNDERSIZED R1-2, "YIELD" SIGN (30"x30"x30") WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 11 REPLACE EXISTING W16-8aP, ADVANCE STREET NAME SIGN (18"x30") WITH SAME SIGN AND SIZE WITH UPPER /LOWER CASE TEXT
- 12 REMOVE EXISTING "WATCH FOR WEAVING TRAFFIC" SIGN
- 14 REPLACE EXISTING DAMAGED R4-7, KEEP RIGHT SIGN (30"x24") WITH SAME SIGN AND SIZE; REPLACE EXISTING UNDERSIZED R3-4, NO U TURN SIGN (24"x24") WITH NEW R3-4, NO U TURN SIGN (36"x36"); REMOVE EXISTING OM1-3, OBJECT MARKER SIGN
- 15 REMOVE EXISTING W11-1, "BICYCLE" SIGN AND W16-8aP, "ADVANCED STREET NAME" SIGN

**INTERSECTION STRIPING RECOMMENDATIONS:**

- NONE

RECOMMENDATION 5



RECOMMENDATION 6



RECOMMENDATION 11



RECOMMENDATION 12



RECOMMENDATION 14



RECOMMENDATION 15



**INTERSECTION 9: SR 7 /SR 4 (STANTON CHRISTIANA RD) & TELEGRAPH RD**

- SR 7 /SR 4 (STANTON CHRISTIANA RD) (NORTH LEG): MEDIAN WIDTH OF 6 FEET
- SR 7 /SR 4 (STANTON CHRISTIANA RD) (SOUTH LEG): MEDIAN WIDTH OF 6 FEET
- TELEGRAPH RD (EAST LEG): MEDIAN WIDTH OF 6 FEET
- TELEGRAPH RD (WEST LEG): MEDIAN WIDTH OF 17 FEET



**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 REPLACE EXISTING UNDERSIZED R1-2, "YIELD" SIGN (36"x36"x36") ON SPAN WIRE POLE WITH NEW R1-2, "YIELD" SIGN (48"x48"x48") ON NEW POST
- 2 RELOCATE (10) EXISTING ROUTE ASSEMBLY AND SEPTA SIGNS 260 FT TO THE EAST AS SHOWN; REPLACE EXISTING DAMAGED M1-5, STATE ROUTE SIGN (24"x24") WITH SAME SIGN AND SIZE
- 3 9 INSTALL PROPOSED R5-1, "DO NOT ENTER" SIGN (36"x36") ADJACENT TO STOP BAR FACING OPPOSING TRAFFIC
- 4 14 15 INSTALL PROPOSED R5-1a, "WRONG WAY" SIGN (42"x30") FACING OPPOSING TRAFFIC AS SHOWN
- 5 REPLACE EXISTING DAMAGED W3-3, SIGNAL AHEAD SIGN (36"x36") WITH SAME SIGN AND SIZE
- 6 INSTALL PROPOSED R6-1L, "ONE WAY" SIGN (12"x36"), R6-1R, "ONE WAY" SIGN (12"x36"), AND R3-5R, RIGHT TURN ONLY SIGN (36"x30") FACING SOUTH AS SHOWN
- 7 8 REPLACE EXISTING POST WITH NEW POST AND RELOCATE EXISTING R5-1, "DO NOT ENTER" (FACING SOUTH), R6-1, "ONE WAY" (FACING WEST), AND R3-1, "NO RIGHT TURN" (FACING NORTH) SIGNS TO NEW POST (SIGNS TOO LOW); INSTALL PROPOSED R3-2, NO LEFT TURN SIGN (24"x24") BELOW R5-1, "DO NOT ENTER" SIGN (FACING TO THE SOUTH)
- 10 REPLACE EXISTING DAMAGED M6-1L, DIRECTIONAL ARROW (15"x21") WITH SAME SIGN AND SIZE
- 11 REMOVE (2) EXISTING OM1-3, OBJECT MARKER SIGNS
- 12 REPLACE EXISTING UNDERSIZED R5-1, "DO NOT ENTER" SIGN (30"x30") WITH NEW R5-1, "DO NOT ENTER" SIGN (36"x36")
- 13 REPLACE EXISTING UNDERSIZED W12-1, DOUBLE ARROW SIGN (30"x30") WITH NEW W12-1, DOUBLE ARROW SIGN (36"x36")
- 16 REMOVE EXISTING W12-1, DOUBLE ARROW SIGN; ON REMAINING POST INSTALL PROPOSED BACK-TO-BACK R6-1L, "ONE WAY" SIGN (12"x36") AND R6-1R, "ONE WAY" SIGN (12"x36"), AND INSTALL R6-3a, "DIVIDED HIGHWAY" SIGN (24"x30") (FACING NORTH), AND R5-1, "DO NOT ENTER" SIGN (36"x36") (FACING SOUTH)
- 17 REPLACE EXISTING DAMAGED "DELAWARE PARK" SIGN (APPROXIMATELY 24"x36") WITH SAME SIGN AND SIZE; INSTALL NEW R5-1a, "WRONG WAY" SIGN (30"x42") ON OPPOSING TRAFFIC SIDE OF EXISTING POST WITH "STATE ROUTE" SIGN
- 18 REPLACE EXISTING R3-8 SERIES SIGN WITH NEW R3-8 SERIES SIGN (30"x42") WITH THROUGH /RIGHT ONLY /RIGHT ONLY; STRAIGHTEN SIGN POST
- 19 INSTALL PROPOSED R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 20 INSTALL PROPOSED R4-7, KEEP RIGHT SIGN (30"x24") ON MEDIAN NOSE AS SHOWN

**INTERSECTION STRIPING RECOMMENDATIONS:**

- NONE

RECOMMENDATION 2



RECOMMENDATIONS 7 & 8



RECOMMENDATIONS 7 & 8



RECOMMENDATION 10



RECOMMENDATION 13



RECOMMENDATION 16



RECOMMENDATION 17



RECOMMENDATION 18



**INTERSECTION 10: SR 7 (LIMESTONE RD) & SR 4 (MAIN ST)**

- SR 7 (LIMESTONE RD) (NORTH LEG): MEDIAN WIDTH OF 32 FEET
- MILL RD (SOUTH LEG): NO MEDIAN
- SR 4 (MAIN ST) (EAST LEG): MEDIAN WIDTH OF 230 FEET
- SR 7 /SR 4 (STANTON CHRISTIANA RD) (WEST LEG): MEDIAN WIDTH OF 150 FEET



**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 4 REPLACE EXISTING UNDERSIZED R6-3, "DIVIDED HIGHWAY" SIGN WITH NEW R6-3, "DIVIDED HIGHWAY" SIGN (24"x30"); REMOVE EXISTING R6-1L, "ONE WAY" SIGN AND R6-1R, "ONE WAY" SIGN
- 2 REPLACE EXISTING UNDERSIZED R2-1, "SPEED LIMIT 40" SIGN WITH NEW R2-1, "SPEED LIMIT 40" SIGN (36"x30")
- 3 6 REMOVE EXISTING OM1-3, OBJECT MARKER SIGN
- 5 RELOCATE EXISTING R5-1, "DO NOT ENTER" SIGN ADJACENT TO THE STOP BAR AS SHOWN

**INTERSECTION STRIPING RECOMMENDATIONS:**

- NONE

**INTERSECTION 11: SR 7 (LIMESTONE RD) & JANE WAY**

- SR 7 (LIMESTONE RD) (NORTH LEG): MEDIAN WIDTH OF 12 FEET
- SR 7 (LIMESTONE RD) (SOUTH LEG): MEDIAN WIDTH OF 12 FEET
- JANE WAY (EAST LEG): NO MEDIAN
- JANE WAY (WEST LEG): NO MEDIAN

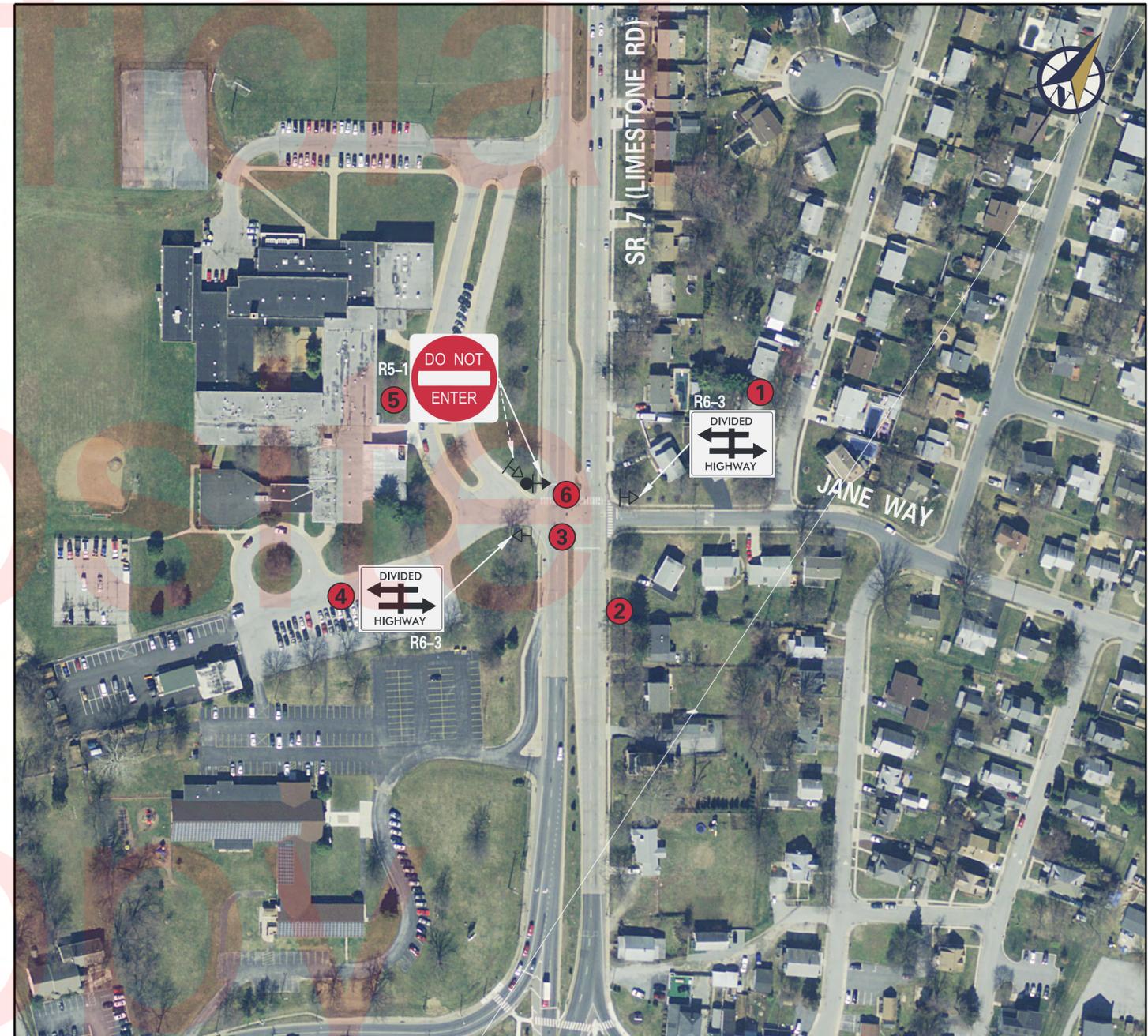
RECOMMENDATION 1



RECOMMENDATION 2



RECOMMENDATION 5



**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 INSTALL R6-3a, "DIVIDED HIGHWAY - T INTERSECTION" SIGN (24"x30") ADJACENT TO STOP BAR AS SHOWN
- 2 REPLACE EXISTING DAMAGED R2-1, "SPEED LIMIT 25" SIGN (30"x24") WITH SAME SIGN AND SIZE
- 3 REPLACE EXISTING DAMAGED W3-3, SIGNAL AHEAD SIGN (36"x36") WITH SAME SIGN AND SIZE; RELOCATE 290 FT TO THE SOUTH
- 4 REMOVE EXISTING W3-3, SIGNAL AHEAD SIGN
- 5 REMOVE EXISTING OM1-3, OBJECT MARKER SIGN
- 6 INSTALL PROPOSED R3-18, NO U TURN /LEFT TURN SIGN (36"x36") FACING SOUTH ON EXISTING POST WITH R4-7, KEEP RIGHT SIGN
- 7 INSTALL PROPOSED R6-1L, "ONE WAY" SIGN (12"x36") FACING NORTH-EAST AS SHOWN
- 8 INSTALL PROPOSED R3-20-DE, "TURN LANE" SIGN (18"x18") AS SHOWN

**INTERSECTION STRIPING RECOMMENDATIONS:**

- NONE

**INTERSECTION 12: SR 7 (LIMESTONE RD) & TARRY LN**

- SR 7 (LIMESTONE RD) (NORTH LEG): MEDIAN WIDTH OF 13 FEET
- SR 7 (LIMESTONE RD) (SOUTH LEG): MEDIAN WIDTH OF 26 FEET
- TARRY LANE (EAST LEG): NO MEDIAN



RECOMMENDATION 2



RECOMMENDATION 4



RECOMMENDATION 5



**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 INSTALL PROPOSED R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 2 INSTALL PROPOSED R4-7, KEEP RIGHT SIGN (30"x24") ON PORK CHOP ISLAND AS SHOWN
- 3 REPLACE EXISTING DAMAGED D3-2-DE2, DEVELOPMENT NAME SIGN (24"x36") WITH SAME SIGN AND SIZE WITH UPPER /LOWER CASE TEXT
- 4 REMOVE EXISTING DAMAGED W13-1P, ADVISORY SPEED PLAQUE; REMOVE EXISTING SCHOOL WARNING SIGN; REPLACE EXISTING DAMAGED R7-4-DE, "NO STOPPING, STANDING, OR PARKING" SIGN (18"x12") WITH SAME SIGN AND SIZE AND REPOSITION HIGHER ON POST; STRAIGHTEN SIGN POST
- 5 REMOVE EXISTING R5-1, "DO NOT ENTER" SIGN AND REMOVE EXISTING R3-4, NO U TURN SIGN; INSTALL PROPOSED R3-18, NO U TURN / LEFT TURN SIGN (36"x36") ONTO EXISTING POST FACING NORTH; INSTALL NEW R5-1, "DO NOT ENTER" SIGN (36"x36") ONTO EXISTING POST FACING SOUTH-WEST

**INTERSECTION STRIPING RECOMMENDATIONS:**

- 1 RESTRIPE 15 FT OF 16" SOLID WHITE STOP BAR
- 2 RESTRIPE 38 FT OF 16" SOLID WHITE STOP BAR (INCLUDING RIGHT TURN LANE)

**INTERSECTION 13: SR 7 (LIMESTONE RD) & LAURA AVE**

- SR 7 (LIMESTONE RD) (NORTH LEG): MEDIAN WIDTH OF 24 FEET
- SR 7 (LIMESTONE RD) (SOUTH LEG): MEDIAN WIDTH OF 6 FEET
- LAURA AVE (WEST LEG): NO MEDIAN

RECOMMENDATION 3



RECOMMENDATION 4



RECOMMENDATION 5



**LEGEND:**

WHITE: EXISTING CONDITIONS  
 YELLOW: PROPOSED CONDITIONS

**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 INSTALL PROPOSED R6-3a, "DIVIDED HIGHWAY - T INTERSECTION" SIGN (24"x30") ON EXISTING POST WITH "STREET BLADE" SIGNS FACING NORTH-EAST
- 2 INSTALL PROPOSED R4-7, KEEP RIGHT SIGN (30"x24") ON PORK CHOP ISLAND AS SHOWN
- 3 INSTALL PROPOSED R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER

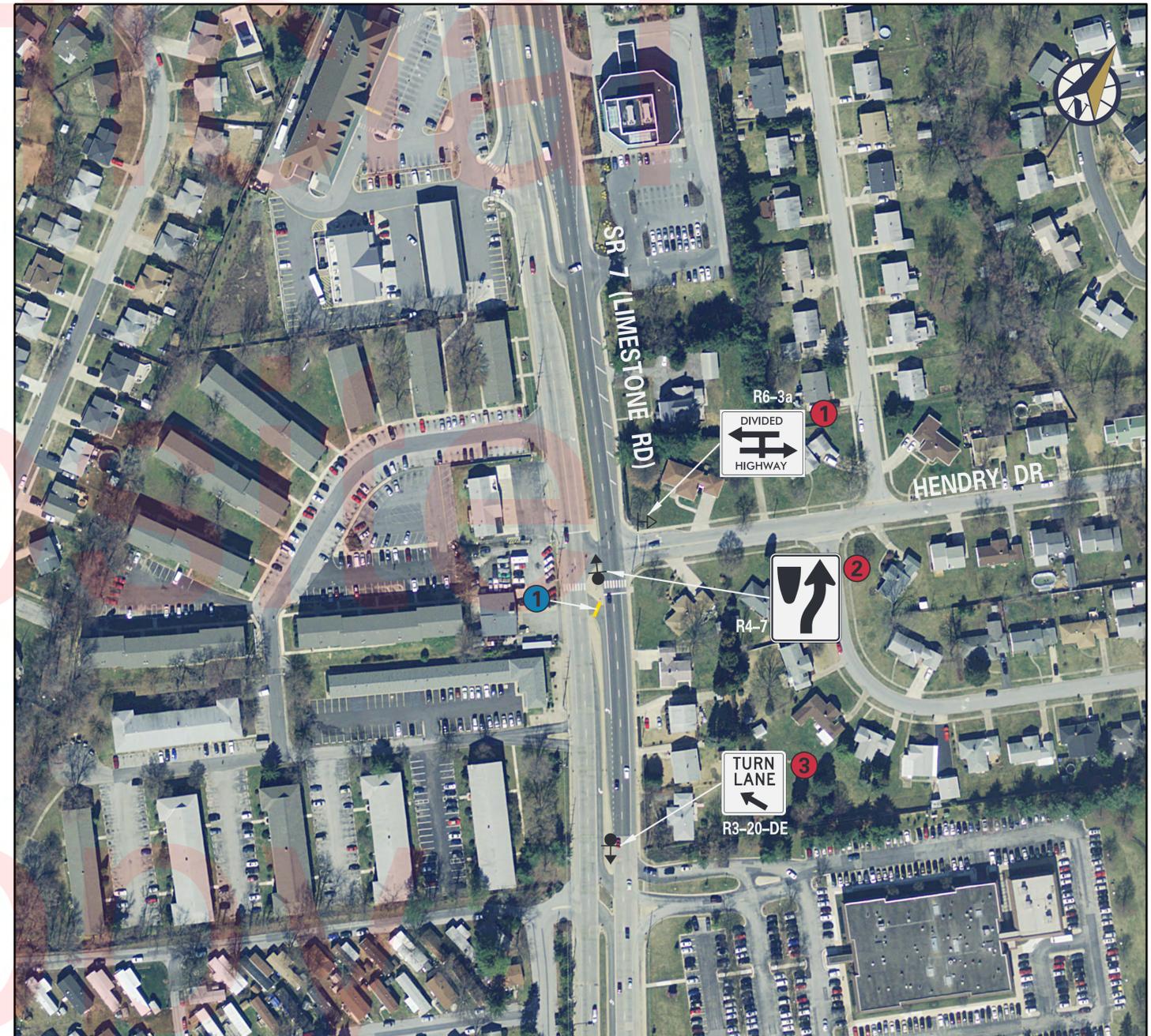
**INTERSECTION STRIPING RECOMMENDATIONS:**

- 1 INSTALL 22 FT OF 16" SOLID WHITE STOP BAR

**INTERSECTION 14: SR 7 (LIMESTONE RD) & HENDRY DR**

- SR 7 (LIMESTONE RD) (NORTH LEG): MEDIAN WIDTH OF 15 FEET
- SR 7 (LIMESTONE RD) (SOUTH LEG): MEDIAN WIDTH OF 15 FEET
- HENDRY DR (EAST LEG): NO MEDIAN

RECOMMENDATION 1



**LEGEND:**

WHITE: EXISTING CONDITIONS  
 YELLOW: PROPOSED CONDITIONS

**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 REPLACE EXISTING UNDERSIZED R2-1, "SPEED LIMIT 40" SIGN WITH NEW R2-1, "SPEED LIMIT 40" SIGN (36"x30")
- 2 REMOVE EXISTING R3-20-DE, "TURN LANE" SIGN; REPLACE EXISTING UNDERSIZED R5-1, "DO NOT ENTER" SIGN (36"x36") AND INSTALL ON SAME EXISTING POST BUT FACING WESTBOUND TRAFFIC
- 3 INSTALL PROPOSED R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 4 REPLACE EXISTING UNDERSIZED R3-2, NO LEFT TURN SIGN AND R3-4, NO U TURN SIGN WITH PROPOSED R3-18, NO U TURN / LEFT TURN SIGN (36"x36"); REMOVE EXISTING R3-20-DE, "TURN LANE" SIGN; STRAIGHTEN SIGN POST
- 5 INSTALL PROPOSED R4-7, KEEP RIGHT SIGN (30"x24") ON PORK CHOP ISLAND AS SHOWN

**INTERSECTION STRIPING RECOMMENDATIONS:**

- 1 RESTRIPE 16" SOLID WHITE STOP BARS FOR THE NORTHBOUND LEFT TURN LANE (13 FT) AND SOUTHBOUND APPROACH (30 FT)
- 2 INSTALL 15 FT OF 16" SOLID WHITE STOP BAR

**INTERSECTION 15: SR 7 (LIMESTONE RD) & SHOPPING CENTER**

- SR 7 (LIMESTONE RD) (NORTH LEG): MEDIAN WIDTH OF 29 FEET
- SR 7 (LIMESTONE RD) (SOUTH LEG): MEDIAN WIDTH OF 16 FEET
- SHOPPING CENTER (WEST LEG): MEDIAN WIDTH OF 15 FEET



RECOMMENDATION 1



RECOMMENDATION 2



RECOMMENDATION 4



RECOMMENDATION 4



**LEGEND:**

WHITE: EXISTING CONDITIONS  
 YELLOW: PROPOSED CONDITIONS

**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 7 INSTALL PROPOSED R6-3, "DIVIDED HIGHWAY" SIGN (24"x30") ADJACENT TO STOP BAR AS SHOWN
- 2 INSTALL PROPOSED R3-8, INTERSECTION LANE CONTROL SIGN (APPROXIMATELY 30"x60") WITH THROUGH ONLY /THROUGH ONLY /THROUGH RIGHT
- 3 REPLACE EXISTING UNDERSIZED R3-1, NO RIGHT TURN SIGN WITH NEW R3-1, NO RIGHT TURN SIGN (36"x36")
- 4 REPLACE EXISTING UNDERSIZED R2-1, "SPEED LIMIT 40" SIGN WITH NEW R2-1, "SPEED LIMIT 40" SIGN (36"x30")
- 5 17 18 REMOVE EXISTING OM1-3, OBJECT MARKER SIGN
- 6 11 REPLACE EXISTING UNDERSIZED R1-2, "YIELD" SIGN WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 8 REPLACE EXISTING DAMAGED M2-1, "JCT" SIGN (15"x21") AND M1-5, STATE ROUTE SIGN (24"x24") WITH SAME SIGNS AND SIZES
- 9 REPLACE EXISTING DAMAGED "SHARE THE ROAD" SIGN (OLD VERSION) WITH NEW W11-1, BICYCLE SIGN (30"x30")
- 10 REPLACE EXISTING DAMAGED W3-3, SIGNAL AHEAD SIGN (36"x36") WITH SAME SIGN AND SIZE; RELOCATE POST BEHIND GUARDRAIL AS SHOWN
- 12 INSTALL PROPOSED R4-7, KEEP RIGHT SIGN (30"x24") ON MEDIAN NOSE
- 13 REMOVE EXISTING R3-7, "RIGHT LANE MUST TURN RIGHT" SIGN
- 14 16 REPLACE EXISTING FADED W3-3, SIGNAL AHEAD SIGN (36"x36") WITH SAME SIGN AND SIZE; REPLACE EXISTING W16-8aP, ADVANCE STREET NAME SIGN (18"x30") WITH SAME SIGN AND SIZE WITH UPPER /LOWER CASE TEXT; RELOCATE SIGNS 150 FT NORTH AS SHOWN
- 15 INSTALL PROPOSED R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER

**INTERSECTION STRIPING RECOMMENDATIONS:**

- 1 RESTRIPE 60 FT OF 5" SOLID WHITE STRIPING AROUND CHANNELIZED RIGHT TURN ISLAND

RECOMMENDATION 3



RECOMMENDATION 8



RECOMMENDATION 9



RECOMMENDATION 10

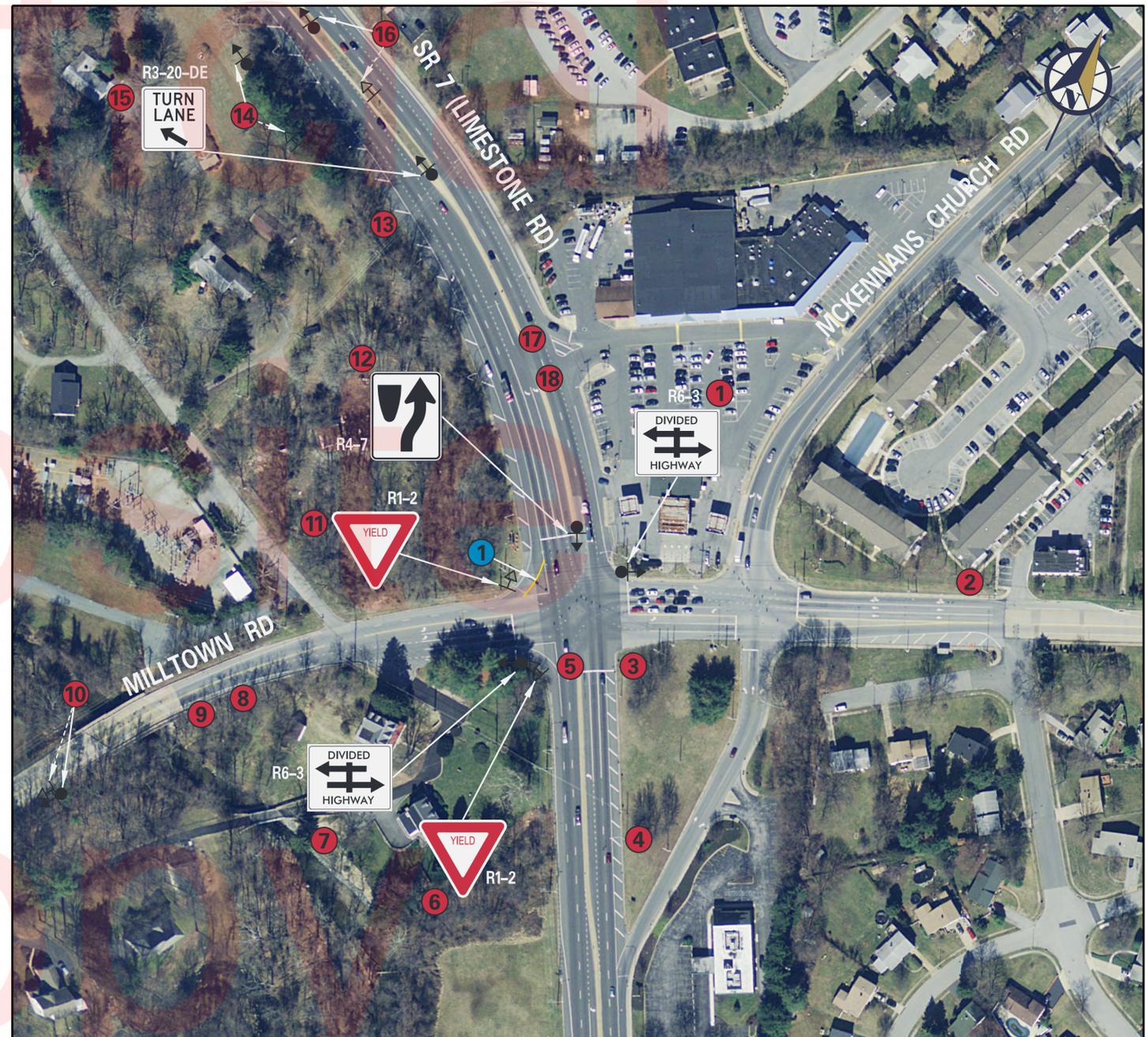


RECOMMENDATIONS 16



**INTERSECTION 16: SR 7 (LIMESTONE RD) & MILLTOWN RD**

- SR 7 (LIMESTONE RD) (NORTH LEG): MEDIAN WIDTH OF 6 FEET
- SR 7 (LIMESTONE RD) (SOUTH LEG): MEDIAN WIDTH OF 6 FEET
- MILLTOWN ROAD (EAST LEG): NO MEDIAN
- MILLTOWN ROAD (WEST LEG): NO MEDIAN



**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 7\_03.DGN [ SHEET: 1 ]

**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 5 INSTALL PROPOSED R4-7, KEEP RIGHT SIGN (30"x24") ON MEDIAN NOSE AS SHOWN
- 2 REMOVE EXISTING W2-2, INTERSECTION WARNING SIGN (W3-3, SIGNAL AHEAD SIGN PRESENT)
- 3 REPLACE EXISTING DAMAGED W3-3, SIGNAL AHEAD SIGN (36"x36") AND RELOCATE 275 FT TO THE EAST
- 4 9 INSTALL PROPOSED R6-3, "DIVIDED HIGHWAY" SIGN (24"x30") ADJACENT TO STOP BAR AS SHOWN
- 6 REPLACE EXISTING UNDERSIZED R2-1, "SPEED LIMIT 40" SIGN WITH NEW R2-1, "SPEED LIMIT 40" SIGN (36"x30") (ON LIGHT POLE)
- 7 INSTALL PROPOSED R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 8 REMOVE (2) EXISTING OM1-3, OBJECT MARKER SIGNS; STRAIGHTEN SIGN POST
- 10 REMOVE EXISTING OM1-3, OBJECT MARKER SIGN

**INTERSECTION STRIPING RECOMMENDATIONS:**

- 1 RESTRIPE 54 FT OF 16" SOLID WHITE STOP BAR (INCLUDING SHOULDER)
- 2 RESTRIPE 54 FT OF 16" SOLID WHITE STOP BAR (INCLUDING RIGHT TURN LANE)
- 3 RESTRIPE 32 FT OF 16" SOLID WHITE STOP BAR (FADED)

RECOMMENDATION 2



RECOMMENDATION 3



RECOMMENDATION 6



RECOMMENDATION 8



RECOMMENDATION 8



RECOMMENDATION 10



**INTERSECTION 17: SR 7 (LIMESTONE RD) & ARUNDEL DR**

- ARUNDEL DR (NORTH LEG): MEDIAN WIDTH OF 9 FEET
- ARUNDEL DR (SOUTH LEG): MEDIAN WIDTH OF 6 FEET
- SR 7 (LIMESTONE RD) (EAST LEG): MEDIAN WIDTH OF 7 FEET
- SR 7 (LIMESTONE RD) (WEST LEG): MEDIAN WIDTH OF 6 FEET



**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 7\_03.DGN [ SHEET: 1 ]

**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 REMOVE EXISTING OM1-3, OBJECT MARKER SIGN
- 2 TRIM TREES BLOCKING W3-3, SIGNAL AHEAD SIGN
- 3 8 REMOVE EXISTING W3-3, SIGNAL AHEAD SIGN AND EXISTING W16-8aP, ADVANCE STREET NAME SIGN FROM THE MEDIAN
- 4 INSTALL PROPOSED R6-3, "DIVIDED HIGHWAY" SIGN (24"x30") ADJACENT TO STOP BAR AS SHOWN
- 5 10 12 INSTALL PROPOSED R4-7, KEEP RIGHT SIGN (30"x24") ON MEDIAN NOSE AS SHOWN
- 6 INSTALL PROPOSED R3-20-DE, "TURN LANE" SIGN (18"x18") ON EXISTING POST BELOW "WELCOME TO" AND "WOOD CREEK" SIGNS AS SHOWN
- 7 REPLACE EXISTING W16-8aP, ADVANCE STREET NAME PLAQUE (18"x30") WITH SAME SIGN AND SIZE WITH UPPER /LOWER CASE TEXT; RELOCATE W3-3, SIGNAL AHEAD SIGN AND W16-8aP, ADVANCE STREET NAME SIGN 230 FT TO THE WEST
- 9 REPLACE EXISTING UNDERSIZED R2-1, "SPEED LIMIT 50" SIGN WITH NEW R2-1, "SPEED LIMIT 50" SIGN (36"x30")
- 11 REMOVE EXISTING "YIELD TO U-TURNS" SIGN; INSTALL PROPOSED R6-3, "DIVIDED HIGHWAY" SIGN (24"x30") ON EXISTING POST BELOW "STREET BLADES" AND "STOP HERE ON RED" SIGNS AS SHOWN

**INTERSECTION 18: SR 7 (LIMESTONE RD) & GREENWOOD DR**

- GREENWOOD DR (NORTH LEG): MEDIAN WIDTH OF 6 FEET
- GREENWOOD DR (SOUTH LEG): MEDIAN WIDTH OF 6 FEET
- SR 7 (LIMESTONE RD) (EAST LEG): MEDIAN WIDTH OF 6 FEET
- SR 7 (LIMESTONE RD) (WEST LEG): MEDIAN WIDTH OF 6 FEET

**INTERSECTION STRIPING RECOMMENDATIONS:**

- NONE

RECOMMENDATION 1



RECOMMENDATION 2



RECOMMENDATION 6



RECOMMENDATION 7



RECOMMENDATION 9



RECOMMENDATION 11



**INTERSECTION SIGNING RECOMMENDATIONS:**

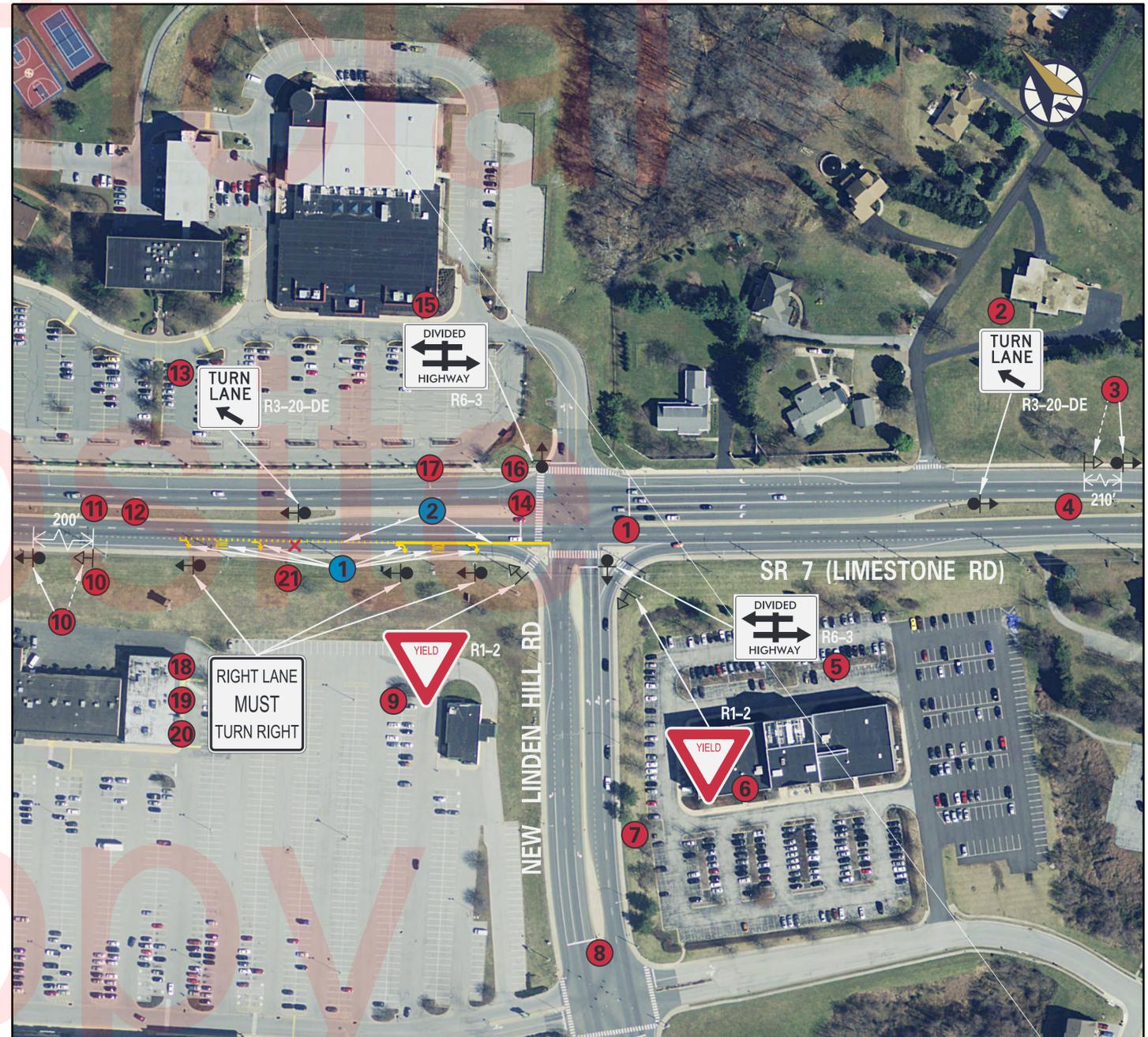
- 1 8 14 REMOVE EXISTING OM1-3, OBJECT MARKER SIGN
- 2 13 INSTALL PROPOSED R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 3 RELOCATE EXISTING W3-3, SIGNAL AHEAD SIGN 210 FT TO THE EAST
- 4 11 REMOVE EXISTING W3-3, SIGNAL AHEAD SIGN
- 5 15 INSTALL PROPOSED R6-3, "DIVIDED HIGHWAY" SIGN (24"x30") ADJACENT TO STOP BAR AS SHOWN
- 6 9 REPLACE EXISTING UNDERSIZED R1-2, "YIELD" SIGN WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 7 INSTALL PROPOSED R3-8 SERIES SIGN (APPROXIMATELY 30"x48") WITH LEFT ONLY /LEFT THROUGH /RIGHT ONLY
- 10 RELOCATE EXISTING W3-3, SIGNAL AHEAD SIGN 200 FT TO THE WEST; REMOVE EXISTING R3-7, "RIGHT LANE MUST TURN RIGHT" SIGN
- 12 17 REPLACE EXISTING UNDERSIZED R2-1, "SPEED LIMIT 50" SIGN WITH NEW R2-1, "SPEED LIMIT 50" SIGN (36"x30")
- 16 REMOVE EXISTING R1-2, "YIELD" SIGN (STOP BAR CONDITION EXISTS)
- 18 19 20 INSTALL PROPOSED R3-7, "RIGHT LANE MUST TURN RIGHT" SIGN (36"x36") (TO CORRESPOND WITH STRIPING RECOMMENDATION 1, BASED ON DEMUTCD FIGURE 3B-11B)
- 21 REMOVE EXISTING R3-7, "RIGHT LANE MUST TURN RIGHT" SIGN

**INTERSECTION STRIPING RECOMMENDATIONS:**

- 1 ADD FOUR TURN ARROWS AND TWO "ONLY" PAVEMENT MARKINGS AND REMOVE ONE TURN ARROW FROM THE EASTBOUND AUXILIARY LANE
- 2 INSTALL 215 FT OF 10" SOLID WHITE AND 300 FT OF 10" DOTTED (2' STRIPE, 6' GAP) WHITE LANE LINES

**INTERSECTION 19: SR 7 (LIMESTONE RD) & NEW LINDEN HILL RD**

- NEW LINDEN HILL RD (NORTH LEG): NO MEDIAN
- NEW LINDEN HILL RD (SOUTH LEG): MEDIAN WIDTH OF 18 FEET
- SR 7 (LIMESTONE RD) (EAST LEG): MEDIAN WIDTH OF 7 FEET
- SR 7 (LIMESTONE RD) (WEST LEG): MEDIAN WIDTH OF 16 FEET



RECOMMENDATION 10



RECOMMENDATIONS 12 & 17



RECOMMENDATION 16



RECOMMENDATION 21



**LEGEND:**

WHITE: EXISTING CONDITIONS  
YELLOW: PROPOSED CONDITIONS

**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 15 19 INSTALL PROPOSED R6-3, "DIVIDED HIGHWAY" SIGN (24"x30") AS SHOWN
- 2 REMOVE EXISTING D3-2, ADVANCE STREET NAME SIGN
- 3 RELOCATE EXISTING W3-3, SIGNAL AHEAD SIGN AND W16-8aP, ADVANCE STREET NAME SIGN 400 FT TO THE EAST ON A NEW POST
- 4 17 REMOVE EXISTING W3-3, SIGNAL AHEAD SIGN
- 5 REMOVE EXISTING W3-3, SIGNAL AHEAD SIGN AND W16-8aP, ADVANCE STREET NAME SIGN
- 6 REMOVE EXISTING D3-1, ADVANCE STREET NAME SIGN
- 7 18 REMOVE EXISTING OM1-3, OBJECT MARKER SIGN
- 8 INSTALL PROPOSED R6-3, "DIVIDED HIGHWAY" SIGN (24"x30") ON EXISTING POST AS SHOWN (ROUTE ASSEMBLY SIGNS RELOCATED IN RECOMMENDATION 13)
- 9 INSTALL PROPOSED R3-7, "RIGHT LANE MUST TURN RIGHT" SIGN (36"x36")
- 10 REPLACE EXISTING UNDERSIZED R3-7, "RIGHT LANE MUST TURN RIGHT" SIGN WITH NEW R3-7, "RIGHT LANE MUST TURN RIGHT" SIGN (36"x36")
- 11 12 INSTALL PROPOSED R3-7, "LEFT LANE MUST TURN LEFT" SIGN (36"x36") AS SHOWN
- 13 RELOCATE (6) EXISTING ROUTE ASSEMBLY SIGNS 200 FT TO THE SOUTH AS SHOWN; REMOVE EXISTING M2-1, "JCT" SIGN AND M1-5, STATE ROUTE SIGN
- 14 INSTALL PROPOSED R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 16 RELOCATE EXISTING W3-3, SIGNAL AHEAD SIGN 400 FT TO THE WEST; INSTALL PROPOSED W16-8aP, ADVANCE STREET NAME SIGN (18"x30")
- 20 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
- 21 22 INSTALL PROPOSED W16-8aP, ADVANCE STREET NAME SIGN (18"x30") ON EXISTING POST WITH W3-3, SIGNAL AHEAD SIGN
- 23 REMOVE EXISTING R3-8 SERIES SIGN (NEWER SIGN EXISTS ON APPROACH)

**INTERSECTION STRIPING RECOMMENDATIONS:**

- NONE

RECOMMENDATION 2



RECOMMENDATION 6



RECOMMENDATION 13



RECOMMENDATION 13



RECOMMENDATION 20



**INTERSECTION 20: SR 7 (LIMESTONE RD) & SKYLINE DR / STONEY BATTER RD**

- STONEY BATTER RD (NORTH LEG): MEDIAN WIDTH OF 9 FEET
- SKYLINE DR (SOUTH LEG): MEDIAN WIDTH OF 9 FEET
- SR 7 (LIMESTONE RD) (EAST LEG): MEDIAN WIDTH OF 7 FEET
- SR 7 (LIMESTONE RD) (WEST LEG): MEDIAN WIDTH OF 7 FEET



**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 4 10 REPLACE EXISTING UNDERSIZED R1-2, "YIELD" SIGN WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 2 INSTALL PROPOSED R6-3, "DIVIDED HIGHWAY" SIGN (24"x30") ON PORK CHOP ISLAND AS SHOWN
- 3 REINSTALL EXISTING R4-7, KEEP RIGHT SIGN ON NEW POST; REMOVE EXISTING OM1-3, OBJECT MARKER SIGN
- 5 12 REMOVE EXISTING W3-3, SIGNAL AHEAD SIGN AND W16-8aP, ADVANCE STREET NAME SIGN FROM THE MEDIAN
- 6 REMOVE EXISTING D3-2, ADVANCE STREET NAME SIGN; REINSTALL EXISTING R3-20-DE, "TURN LANE" SIGN AT TOP OF POST
- 7 REPLACE (2) BACK-TO-BACK UNDERSIZED R2-1, "SPEED LIMIT 50" SIGNS WITH NEW R2-1, "SPEED LIMIT 50" SIGNS (36"x30")
- 8 14 REMOVE EXISTING OM1-3, OBJECT MARKER SIGN
- 9 REMOVE EXISTING R1-2, "YIELD" SIGN (STOP BAR CONDITION EXISTS); INSTALL PROPOSED R6-3, "DIVIDED HIGHWAY" SIGN (24"x30") ON REMAINING POST
- 11 REPLACE EXISTING W16-8aP, ADVANCE STREET NAME SIGN (18"x30") WITH SAME SIGN AND SIZE WITH UPPER /LOWER CASE TEXT; RELOCATE W3-3, SIGNAL AHEAD SIGN AND W16-8aP, ADVANCE STREET NAME SIGN 200 FT TO THE NORTH
- 13 REMOVE EXISTING D3-2, ADVANCE STREET NAME SIGN

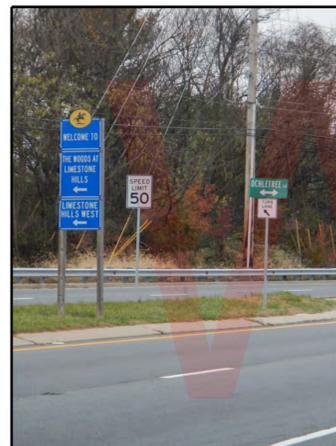
**INTERSECTION STRIPING RECOMMENDATIONS:**

- NONE

RECOMMENDATION 3



RECOMMENDATIONS 6 & 7



RECOMMENDATIONS 8 & 14



RECOMMENDATION 9



RECOMMENDATION 12



RECOMMENDATION 13



**INTERSECTION 21: SR 7 (LIMESTONE RD) & STEVEN LN / OCHELTREE LN**

- SR 7 (LIMESTONE RD) (NORTH LEG): MEDIAN WIDTH OF 7 FEET
- SR 7 (LIMESTONE RD) (SOUTH LEG): MEDIAN WIDTH OF 7 FEET
- OCHELTREE LN (EAST LEG): MEDIAN WIDTH OF 24 FEET
- STEVEN LN (WEST LEG): MEDIAN WIDTH OF 24 FEET



**INTERSECTION SIGNING RECOMMENDATIONS:**

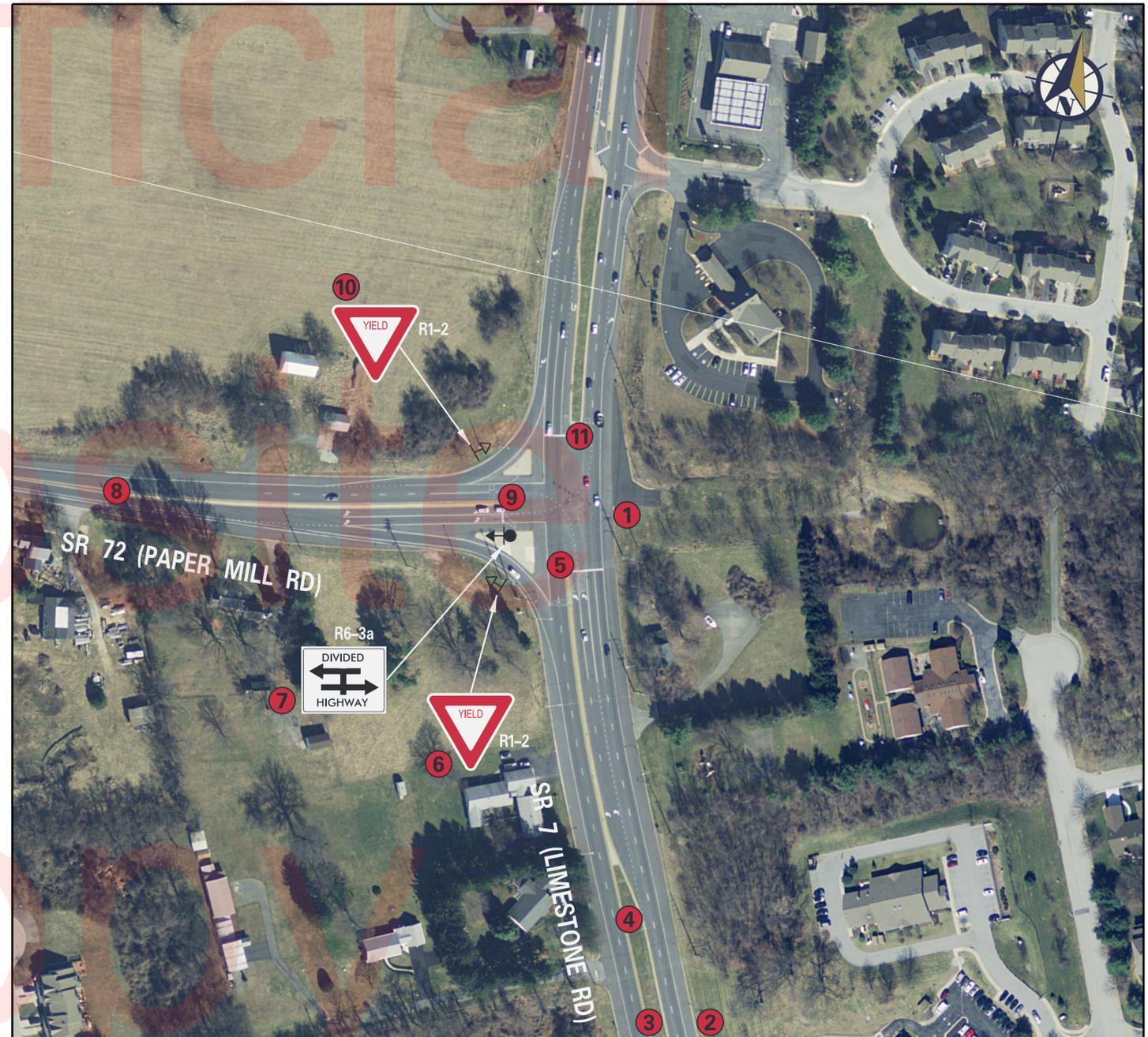
- 1 REMOVE EXISTING OM4-3, OBJECT MARKER
- 2 REPLACE EXISTING W16-8aP, ADVANCE STREET NAME SIGN (18"x30") WITH SAME SIGN AND SIZE WITH UPPER /LOWER CASE TEXT
- 3 REMOVE EXISTING W3-3, SIGNAL AHEAD SIGN AND W16-8aP, ADVANCE STREET NAME SIGN
- 4 REMOVE EXISTING D3-2, ADVANCE STREET NAME SIGN
- 5 8 REMOVE EXISTING OM1-3, OBJECT MARKER SIGN
- 6 REPLACE EXISTING UNDERSIZED R1-2, "YIELD" SIGN WITH NEW R1-2, "YIELD" SIGN (48"x48"x48"); REMOVE EXISTING "TO THRU AND TURNING TRAFFIC" PLAQUE
- 7 INSTALL PROPOSED R6-3a, "DIVIDED HIGHWAY - T INTERSECTION" SIGN (24"x30") ON PORK CHOP ISLAND AS SHOWN
- 9 REMOVE EXISTING OM1-3, OBJECT MARKER SIGN AND EXISTING R6-3, "DIVIDED HIGHWAY" SIGN
- 10 REPLACE EXISTING UNDERSIZED R1-2, "YIELD" SIGN WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 11 REPLACE EXISTING UNDERSIZED R3-2, NO LEFT TURN SIGN WITH NEW R3-2, NO LEFT TURN SIGN (36"x36"); REMOVE EXISTING OM1-3, OBJECT MARKER SIGN

**INTERSECTION STRIPING RECOMMENDATIONS:**

- NONE

**INTERSECTION 22: SR 7 (LIMESTONE RD) & SR 72 (PAPER MILL RD)**

- SR 7 (LIMESTONE RD) (NORTH LEG): MEDIAN WIDTH OF 19 FEET
- SR 7 (LIMESTONE RD) (SOUTH LEG): MEDIAN WIDTH OF 6 FEET
- SR 72 (PAPER MILL RD) (WEST LEG): MEDIAN WIDTH OF 7 FEET



RECOMMENDATION 2



RECOMMENDATION 4



RECOMMENDATION 6



RECOMMENDATION 9



RECOMMENDATION 11



**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 4 7 10 REMOVE EXISTING R1-2, "YIELD" SIGN (STOP BAR CONDITION EXISTS)
- 2 8 INSTALL PROPOSED R6-3, "DIVIDED HIGHWAY" SIGN (24"x30") ADJACENT TO STOP BAR AS SHOWN
- 3 REMOVE EXISTING OM1-3, OBJECT MARKER SIGN
- 5 INSTALL PROPOSED R3-20-DE, "TURN LANE" SIGN (18"x18") ON EXISTING POST WITH D3-2-DE1, "WELCOME TO" SIGN AND D3-2-DE3, DEVELOPMENT NAME SIGN AS SHOWN
- 6 13 INSTALL PROPOSED R4-7, KEEP RIGHT SIGN (30"x24") ON MEDIAN NOSE AS SHOWN
- 9 REMOVE EXISTING OM1-3, OBJECT MARKER SIGN AND EXISTING R6-3, "DIVIDED HIGHWAY" SIGN
- 11 REPLACE EXISTING DAMAGED D3-2-DE2, DEVELOPMENT NAME SIGN (24"x36") WITH SAME SIGN AND SIZE WITH UPPER /LOWER CASE TEXT
- 12 RELOCATE EXISTING W3-3, SIGNAL AHEAD SIGN 295 FT TO THE NORTH

**INTERSECTION STRIPING RECOMMENDATIONS:**

- NONE

**INTERSECTION 23: SR 7 (LIMESTONE RD) & HAILEYS TRAIL /VILLAGE DR**

- SR 7 (LIMESTONE RD) (NORTH LEG): MEDIAN WIDTH OF 6 FEET
- SR 7 (LIMESTONE RD) (SOUTH LEG): MEDIAN WIDTH OF 6 FEET
- VILLAGE DR (EAST LEG): MEDIAN WIDTH OF 16 FEET
- HAILEYS TRAIL (WEST LEG): MEDIAN WIDTH OF 16 FEET

RECOMMENDATION 3



RECOMMENDATION 5



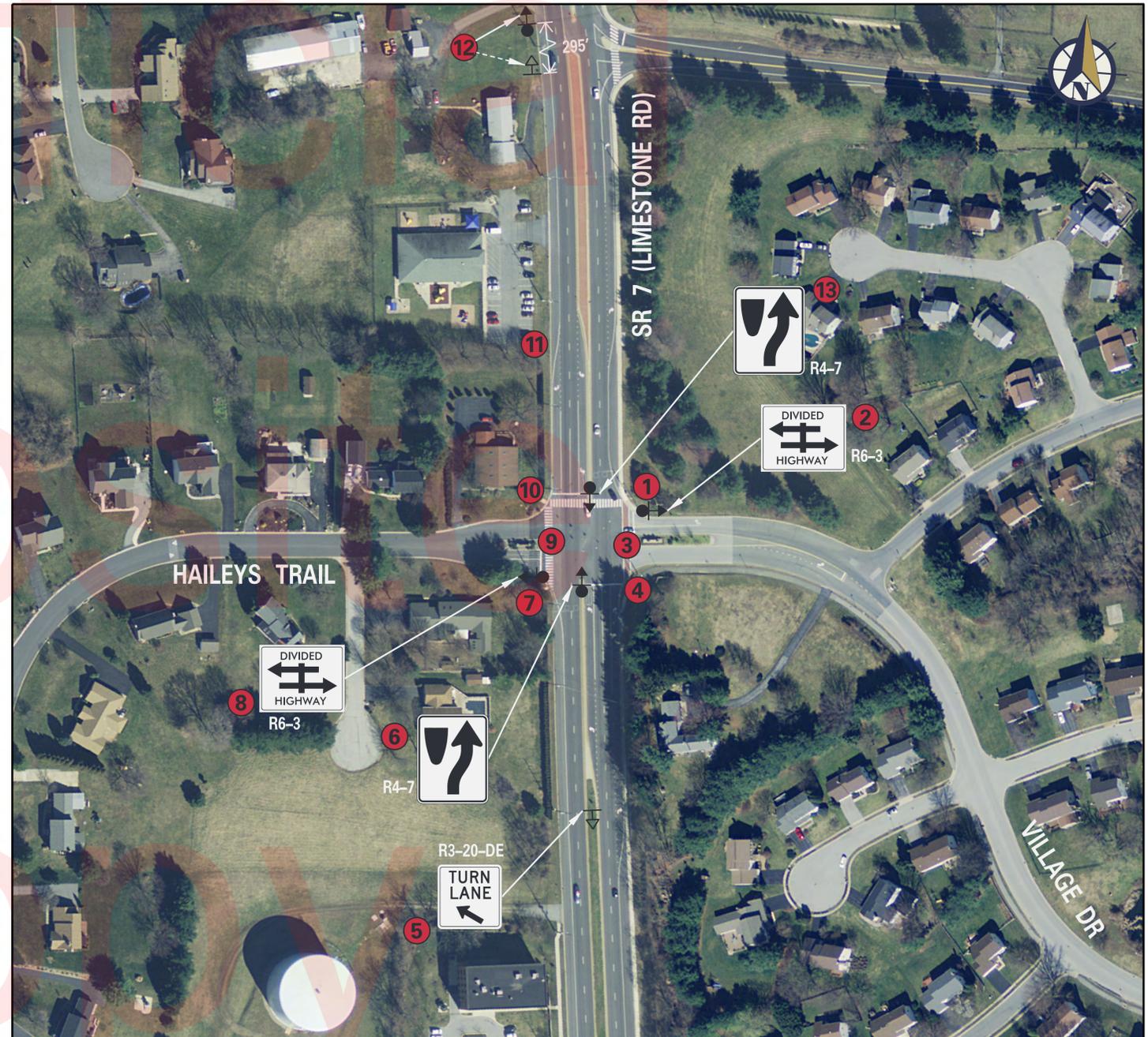
RECOMMENDATION 9



RECOMMENDATION 11



RECOMMENDATION 12



PLOTTED BY: KBLAKE DATE: 8/24/2016 FILE LOCATION: Q:\INDE\120142\_000\_TRAFFIC\_ENGINEERING\_V\CADD\1+02\DE 7\_03.DGN [ SHEET: 1 ]

ADDENDUMS / REVISIONS	

NOT TO SCALE

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

CONTRACT	PERMIT NO.	<b>N480</b>
T201508305	DESIGNED BY: KAY	
COUNTY	CHECKED BY: MAW / KPR	
NEW CASTLE		

**SR 7 (LIMESTONE RD) & HAILEYS TRAIL / VILLAGE DR IMPROVEMENTS**

SHEET NO.	186
TOTAL SHTS.	522

**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 6 14 REPLACE EXISTING UNDERSIZED R1-2, "YIELD" SIGN WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 2 10 INSTALL PROPOSED R6-3, "DIVIDED HIGHWAY" SIGN (24"x30") AS SHOWN
- 3 11 REMOVE EXISTING OM1-3, OBJECT MARKER SIGN
- 4 12 INSTALL PROPOSED R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 5 13 REMOVE EXISTING R6-1R, "ONE WAY" SIGN, R6-1L, "ONE WAY" SIGN, R6-3, "DIVIDED HIGHWAY" SIGN, AND OM1-3, OBJECT MARKER SIGN
- 7 15 REMOVE EXISTING D3-2, ADVANCE STREET NAME SIGN
- 8 16 INSTALL PROPOSED W16-8aP, ADVANCE STREET NAME SIGN (18"x30") ON POST WITH EXISTING W3-3, SIGNAL AHEAD SIGN
- 9 17 REMOVE EXISTING R6-3, "DIVIDED HIGHWAY" SIGN AND OM1-3, OBJECT MARKER SIGN

**INTERSECTION STRIPING RECOMMENDATIONS:**

- NONE

**INTERSECTION 24: SR 7 (LIMESTONE RD) & LITTLE BALTIMORE RD /BRACKENVILLE RD**

- SR 7 (LIMESTONE RD) (NORTH LEG): MEDIAN WIDTH OF 6 FEET
- SR 7 (LIMESTONE RD) (SOUTH LEG): MEDIAN WIDTH OF 6 FEET
- BRACKENVILLE RD (EAST LEG): MEDIAN WIDTH OF 10 FEET
- LITTLE BALTIMORE RD (WEST LEG): MEDIAN WIDTH OF 12 FEET



RECOMMENDATION 5



RECOMMENDATION 7



RECOMMENDATION 9



RECOMMENDATION 13



RECOMMENDATION 15



RECOMMENDATION 17



**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 5 REPLACE EXISTING UNDERSIZED R1-2, "YIELD" SIGN WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 2 9 INSTALL PROPOSED R6-3, "DIVIDED HIGHWAY" SIGN (24"x30") AS SHOWN
- 3 6 10 REMOVE EXISTING OM1-3, OBJECT MARKER SIGN
- 4 8 11 12 REMOVE EXISTING R6-3, "DIVIDED HIGHWAY" SIGN AND EXISTING OM1-3, OBJECT MARKER SIGN
- 7 RELOCATE EXISTING R3-20-DE, "TURN LANE" SIGN ONTO OTHER SIDE OF POST (FACING TO THE SOUTH)

**INTERSECTION STRIPING RECOMMENDATIONS:**

- NONE

**INTERSECTION 25: SR 7 (LIMESTONE RD) & LANTANA DR**

- SR 7 (LIMESTONE RD) (NORTH LEG): MEDIAN WIDTH OF 6 FEET
- SR 7 (LIMESTONE RD) (SOUTH LEG): MEDIAN WIDTH OF 6 FEET
- LANTANA DR (EAST LEG): MEDIAN WIDTH OF 8 FEET
- LANTANA DR (WEST LEG): MEDIAN WIDTH OF 7 FEET

RECOMMENDATIONS 1 & 5



RECOMMENDATION 4



RECOMMENDATION 7



RECOMMENDATION 8



RECOMMENDATION 11



RECOMMENDATION 12



**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 5 13 REPLACE EXISTING UNDERSIZED R1-2, "YIELD" SIGN WITH NEW R1-2, "YIELD" SIGN (48"x48"x48"); RELOCATE R1-2, "YIELD" SIGN CLOSER TO YIELD POINT AS SHOWN; REMOVE "TO PEDESTRIANS" PLAQUE
- 2 9 INSTALL PROPOSED R6-3, "DIVIDED HIGHWAY" SIGN (24"x30") ON PORK CHOP ISLAND AS SHOWN
- 3 10 REPLACE EXISTING W16-8P, ADVANCE STREET NAME SIGN (9"x30") WITH SAME SIGN AND SIZE WITH UPPER /LOWER CASE TEXT
- 4 15 REMOVE EXISTING R6-3, "DIVIDED HIGHWAY" SIGN AND OM1-3, OBJECT MARKER SIGN
- 6 14 REPLACE EXISTING W16-8aP, ADVANCE STREET NAME SIGN (18"x30") WITH SAME SIGN AND SIZE WITH UPPER /LOWER CASE TEXT
- 7 REPLACE EXISTING UNDERSIZED R3-4, NO U TURN SIGN WITH NEW R3-4, NO U TURN SIGN (36"x36"); REMOVE EXISTING R6-3, "DIVIDED HIGHWAY" SIGN AND OM1-3, OBJECT MARKER SIGN
- 8 REPLACE EXISTING UNDERSIZED R1-2, "YIELD" SIGN WITH NEW R1-2, "YIELD" SIGN (48"x48"x48"); RELOCATE R1-2, "YIELD" SIGN CLOSER TO YIELD POINT AS SHOWN
- 11 REMOVE EXISTING OM1-3, OBJECT MARKER SIGN
- 12 REMOVE EXISTING R6-3, "DIVIDED HIGHWAY" SIGN AND (2) OM1-3, OBJECT MARKER SIGNS

**INTERSECTION STRIPING RECOMMENDATIONS:**

- NONE

RECOMMENDATIONS 1, 5, & 13



RECOMMENDATIONS 3 & 10



RECOMMENDATIONS 6 & 14



RECOMMENDATION 7

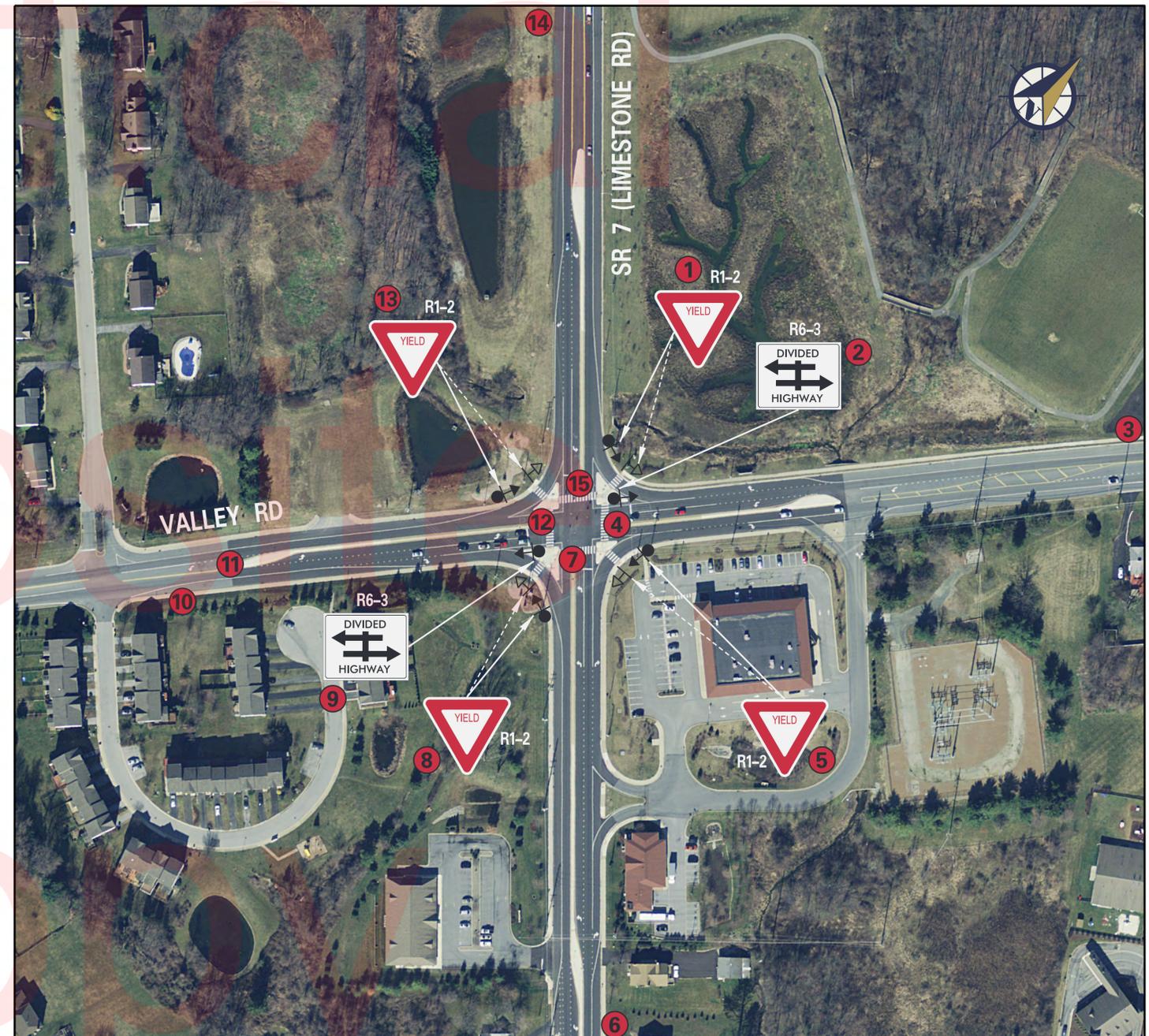


RECOMMENDATION 12



**INTERSECTION 26: SR 7 (LIMESTONE RD) & VALLEY RD**

- SR 7 (LIMESTONE RD) (NORTH LEG): MEDIAN WIDTH OF 6 FEET
- SR 7 (LIMESTONE RD) (SOUTH LEG): MEDIAN WIDTH OF 6 FEET
- VALLEY RD (EAST LEG): MEDIAN WIDTH OF 6 FEET
- VALLEY RD (WEST LEG): MEDIAN WIDTH OF 6 FEET



ADDENDUMS / REVISIONS	

NOT TO SCALE

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

CONTRACT	PERMIT NO.	<b>N407</b>
T201508305	DESIGNED BY: KAY	
COUNTY	CHECKED BY: MAW / KPR	
NEW CASTLE		

**SR 7 (LIMESTONE RD) & VALLEY RD IMPROVEMENTS**

SHEET NO.	189
TOTAL SHTS.	522

CORRIDOR: SR 7

SR 7 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	SR 72 (Wrangle Hill Road)	90.50	26.00	101.75	-	5	-	-	-	-	-	-	137	-	-	-	195	-	-	-	-	20	-
2	Songsmith Drive	14.50	2.25	14.50	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Newtown Road	41.25	17.00	41.25	3	5	-	-	-	-	-	-	11	-	-	-	-	-	-	-	-	-	-
4	SR 273 (Christiana Road)	61.50	33.50	61.50	4	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	AAA Boulevard	69.63	46.06	86.81	1	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	SR 4 (Stanton Christiana Road)	117.44	99.56	135.44	2	6	-	-	-	-	-	-	99	-	-	-	-	-	-	-	-	-	-
7	Old Stanton Road	57.00	52.25	57.00	2	2	-	-	-	-	-	-	61	-	-	-	-	-	-	-	-	-	-
8	Delaware Park Boulevard	43.19	45.44	52.19	1	3	-	-	-	-	-	-	48	-	-	-	-	-	-	-	-	-	-
9	Telegraph Road	78.25	71.25	78.25	5	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	SR 4 (Main St)	157.69	117.56	217.56	3	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Jane Way	17.50	33.75	23.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Tarry Lane	33.25	25.25	33.25	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Laura Avenue	32.75	26.25	32.75	2	2	-	-	-	-	-	-	53	-	-	-	-	-	-	-	-	-	-
14	Hendry Drive	12.25	-	12.25	2	2	-	-	-	-	-	-	22	-	-	-	-	-	-	-	-	-	-
15	Shopping Center	32.75	23.75	32.75	2	2	-	-	-	-	-	-	58	-	-	-	-	-	-	-	-	-	-
16	Milltown Road	112.19	75.69	112.19	1	6	-	-	-	-	-	-	-	-	-	-	60	-	-	-	-	-	-
17	Arundel Drive	38.75	27.00	38.75	2	5	-	-	-	-	-	-	140	-	-	-	-	-	-	-	-	-	-
18	Greenwood Drive	38.50	47.00	47.50	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	New Linden Hill Road	82.50	74.63	100.50	3	9	-	-	-	-	-	-	-	4	-	64	-	-	-	320	16	-	
20	Skyline Drive / Stoney Batter Road	78.50	104.19	116.63	3	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	Steven Lane / Ocheltree Lane	52.75	87.50	69.00	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	SR 72 (Papermill Road)	33.75	53.58	33.75	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Haileys Trail / Village Drive	29.75	40.50	38.75	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	Little Baltimore Drive / Brackenville Road	46.00	63.50	46.00	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Lantana Drive	26.00	39.00	28.25	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	Valley Road	62.25	64.75	62.25	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Quantity Total:</b>		1461	1298	1675	50	114	0	0	0	0	0	0	629	4	0	64	255	0	0	320	36	-	-

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ADDENDUMS / REVISIONS

NOT TO SCALE

SIGNALIZED MEDIAN CROSSOVER  
SIGNING AND PAVEMENT MARKING  
UPGRADES - STATEWIDE

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

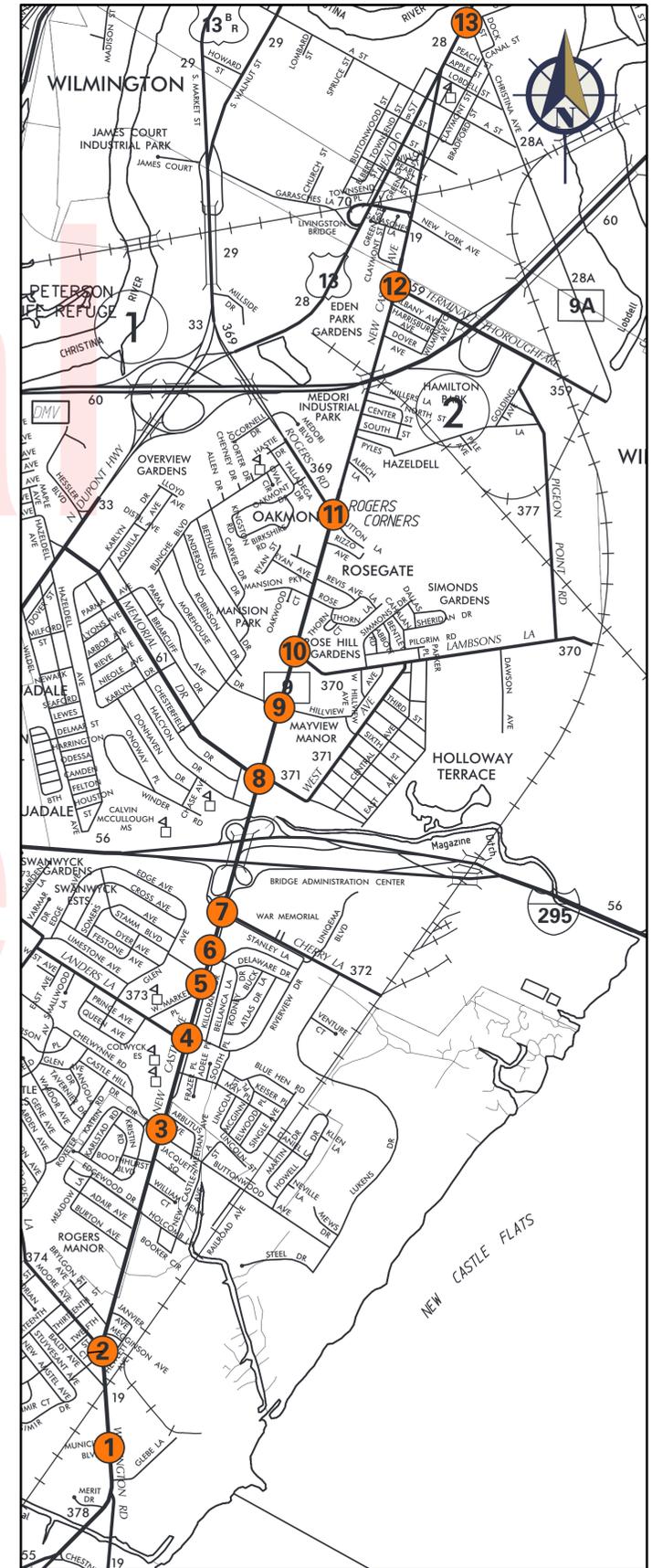
SR 7  
INTERSECTION QUANTITIES

SHEET NO.	190
TOTAL SHTS.	522

**SIGNALIZED MEDIAN CROSSOVER LOCATIONS: SR 9 (NEW CASTLE AVENUE) CORRIDOR**

- 1** ANCHOR MILL ROAD /MUNICIPAL BOULEVARD
- 2** MOORES LANE
- 3** CASTLE HILL DRIVE /BUTTONWOOD AVENUE
- 4** RIVERVIEW DRIVE /LANDERS LANE
- 5** STAMM BOULEVARD
- 6** RODNEY DRIVE
- 7** CHERRY LANE
- 8** MEMORIAL DRIVE /WEST AVENUE
- 9** HILLVIEW AVENUE /MOREHOUSE DRIVE
- 10** LAMBSON LANE
- 11** ROGERS ROAD /SUTTON LANE
- 12** TERMINAL AVENUE
- 13** CHRISTIANA AVENUE

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Website  
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**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (24"x30") ON PORK CHOP ISLAND AS SHOWN
- 2 INSTALL R4-7, "KEEP RIGHT" SIGN (30"x24") ON EXISTING SIGN POST ON MEDIAN NOSE, BENEATH EXISTING STREET BLADE SIGNS, FACING WEST
- 3 RELOCATE EXISTING "YIELD" SIGN TO YIELD POINT AS SHOWN
- 4 INSTALL R3-20-DE, "TURN LANE" SIGN (18"x18") AT BEGINNING OF TURN LANE TAPER
- 5 RELOCATE EXISTING W3-3, "SIGNAL AHEAD" SIGN 250 FT TO THE SOUTH AS SHOWN; INSTALL NEW W16-8p, "ADVANCE STREET NAME" SIGN (9"x30") BENEATH SIGNAL AHEAD SIGN (ANCHOR MILL RD)
- 6 8 INSTALL R4-7, "KEEP RIGHT" SIGN (30"x24") ON MEDIAN NOSE AS SHOWN
- 7 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (24"x30") ON EXISTING SIGN POST, BENEATH EXISTING STREET BLADE SIGN, FACING WEST
- 9 INSTALL W16-8p, "ADVANCE STREET NAME" SIGN (9"x30") BENEATH SIGNAL AHEAD SIGN (ANCHOR MILL RD)

**INTERSECTION STRIPING RECOMMENDATIONS:**

- 1 RESTRIPE 54 FT OF 16" WIDE SOLID WHITE STOP BAR ACROSS THE SOUTHBOUND APPROACH
- 2 RESTRIPE 35 FT OF 16" WIDE SOLID WHITE STOP BAR ACROSS THE NORTHBOUND APPROACH

**INTERSECTION 1: SR 9 (WILMINGTON ROAD) & ANCHOR MILL RD (TWIN SPANS INDUS. PARK)**

- SR 9 (NEW CASTLE AVENUE) (NORTH LEG): MEDIAN WIDTH OF 6 FEET
- SR 9 (NEW CASTLE AVENUE) (SOUTH LEG): MEDIAN WIDTH OF 6 FEET
- ANCHOR MILL ROAD (EAST LEG): MEDIAN WIDTH OF 8 FEET
- TWIN SPANS INDUSTRIAL PARK (WEST LEG): NO MEDIAN

RECOMMENDATION 2



RECOMMENDATION 3



RECOMMENDATION 5



RECOMMENDATION 7



RECOMMENDATION 9



**LEGEND:**

WHITE: EXISTING CONDITIONS  
YELLOW: PROPOSED CONDITIONS

**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 REPLACE DAMAGED "SIGNAL AHEAD" SIGN LOCATED ON UTILITY POLE WITH NEW W3-3, "SIGNAL AHEAD" SIGN (36"x36") (LOCATED 850 FT NORTH OF INTERSECTION); INSTALL W16-8p, "ADVANCE STREET NAME" SIGN (9"x30") (MOORES LN) BENEATH "SIGNAL AHEAD" SIGN
- 2 REPLACE EXISTING UNDERSIZED "YIELD" SIGN WITH NEW R1-2, "YIELD" SIGN (48"x48"x48")
- 3 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (24"x30") ON EXISTING SIGN POST BELOW EXISTING STREET BLADES FACING WEST AS SHOWN
- 4 5 6 7 REMOVE EXISTING OM1-3, OBJECT MARKER

**INTERSECTION STRIPING RECOMMENDATIONS:**

- 1 RESTRIPE 22 FT OF 16" WIDE SOLID WHITE STOP BAR ACROSS THE SOUTHBOUND APPROACH
- 2 RESTRIPE 32 FT OF 16" WIDE SOLID WHITE STOP BAR ACROSS THE NORTHBOUND APPROACH
- 3 RESTRIPE 30 FT OF 16" WIDE SOLID WHITE STOP BAR ACROSS THE EASTBOUND APPROACH

**INTERSECTION 2: SR 9 (NEW CASTLE AVENUE) & MOORES LANE**

- SR 9 (NEW CASTLE AVENUE) (NORTH LEG): MEDIAN WIDTH OF 11 FEET
- SR 9 (NEW CASTLE AVENUE) (SOUTH LEG): MEDIAN WIDTH OF 4 FEET
- MOORES LANE (WEST LEG): MEDIAN WIDTH OF 15 FEET

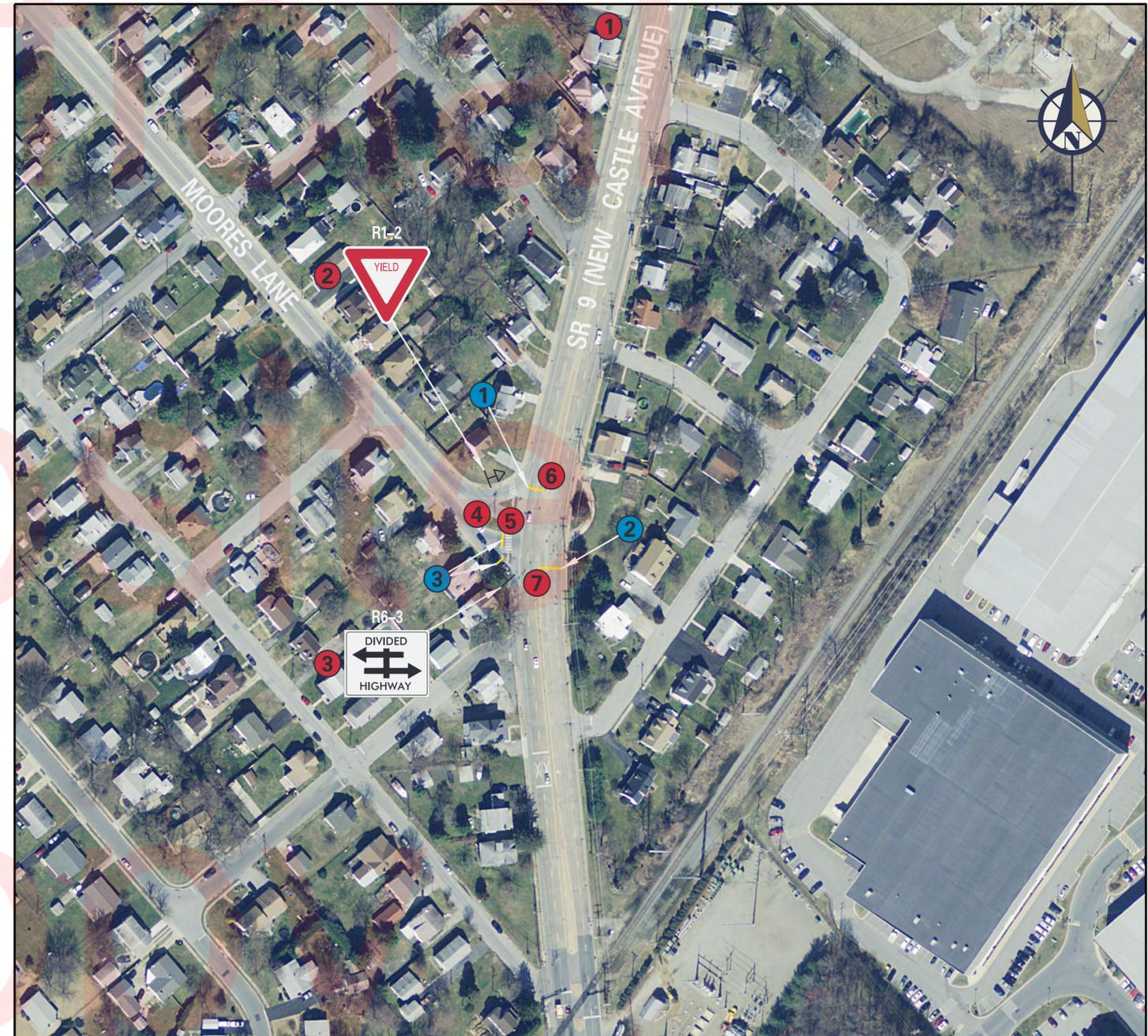
RECOMMENDATION 1



RECOMMENDATION 3



RECOMMENDATIONS 4, 5, 6, & 7



**LEGEND:**

WHITE: EXISTING CONDITIONS  
YELLOW: PROPOSED CONDITIONS

**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 3 4 REMOVE EXISTING OM1-3, OBJECT MARKER
- 2 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (30"x24") ON EXISTING SIGN POST FACING EAST AS SHOWN, BELOW STREET BLADES
- 5 STRAIGHTEN EXISTING SIGN POST; REMOVE NON-STANDARD "ADVERTISEMENT" SIGNS FROM SIGN POST

**INTERSECTION STRIPING RECOMMENDATIONS:**

- 1 RESTRIPE 40 FT OF 16" WIDE SOLID WHITE STOP BAR ACROSS THE SOUTHBOUND APPROACH
- 2 RESTRIPE 40 FT OF 16" WIDE SOLID WHITE STOP BAR ACROSS THE NORTHBOUND APPROACH

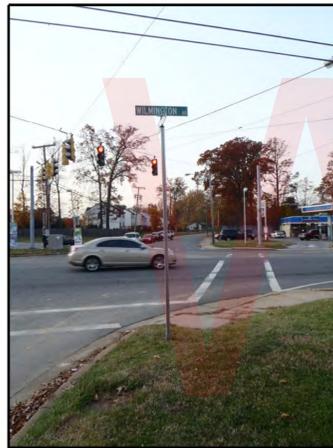
**INTERSECTION 3: SR 9 (NEW CASTLE AVENUE) & CASTLE HILL DRIVE /BUTTONWOOD AVENUE**

- SR 9 (NEW CASTLE AVENUE) (NORTH LEG): MEDIAN WIDTH OF 5 FEET
- SR 9 (NEW CASTLE AVENUE) (SOUTH LEG): MEDIAN WIDTH OF 5 FEET
- BUTTONWOOD AVENUE (EAST LEG): NO MEDIAN
- CASTLE HILL DRIVE (WEST LEG): NO MEDIAN

RECOMMENDATION 1



RECOMMENDATION 2



RECOMMENDATION 5



**LEGEND:**

WHITE: EXISTING CONDITIONS  
 YELLOW: PROPOSED CONDITIONS

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**INTERSECTION SIGNING RECOMMENDATIONS:**

- 1 4 INSTALL R6-3, "DIVIDED HIGHWAY" SIGN (24"x30") AS SHOWN
- 2 REPLACE EXISTING UNDERSIZED "DO NOT ENTER" SIGN WITH NEW R5-1, "DO NOT ENTER" SIGN (36"x36")
- 3 INSTALL R5-1a, "WRONG WAY" SIGN (30"x42") FACING OPPOSING TRAFFIC AS SHOWN
- 5 7 REPLACE EXISTING UNDERSIZED "NO TURN ON RED" SIGN WITH NEW R10-11, "NO TURN ON RED" SIGN (48"x36")
- 6 8 REMOVE EXISTING OM1-3, OBJECT MARKER

**INTERSECTION STRIPING RECOMMENDATIONS:**

- 1 RESTRIPE 40 FT OF 16" WIDE SOLID WHITE STOP BAR ACROSS THE NORTHBOUND APPROACH
- 2 RESTRIPE 46 FT OF 16" WIDE SOLID WHITE STOP BAR ACROSS THE SOUTHBOUND APPROACH

**INTERSECTION 4: SR 9 (NEW CASTLE AVENUE) & LANDERS LANE /RIVERVIEW DRIVE**

- SR 9 (NEW CASTLE AVENUE) (NORTH LEG): MEDIAN WIDTH OF 5 FEET
- SR 9 (NEW CASTLE AVENUE) (SOUTH LEG): MEDIAN WIDTH OF 5 FEET
- RIVERVIEW DRIVE (EAST LEG): NO MEDIAN
- LANDERS LANE (WEST LEG): MEDIAN WIDTH OF 22 FEET

RECOMMENDATION 2



RECOMMENDATIONS 5 & 7



RECOMMENDATIONS 6 & 8



**LEGEND:**

WHITE: EXISTING CONDITIONS  
 YELLOW: PROPOSED CONDITIONS