

BRAC Briefing to BRAC Implementation Committee



July 14, 2009

Multimodal Approach

- **Transit**
 - WMATA Medical Center Metro Access Study
 - WMATA BRAC Bus Study
- **Auto**
 - SHA Intersection Program
- **Bicycle/Pedestrian**
 - Coordination with County and local Stakeholders

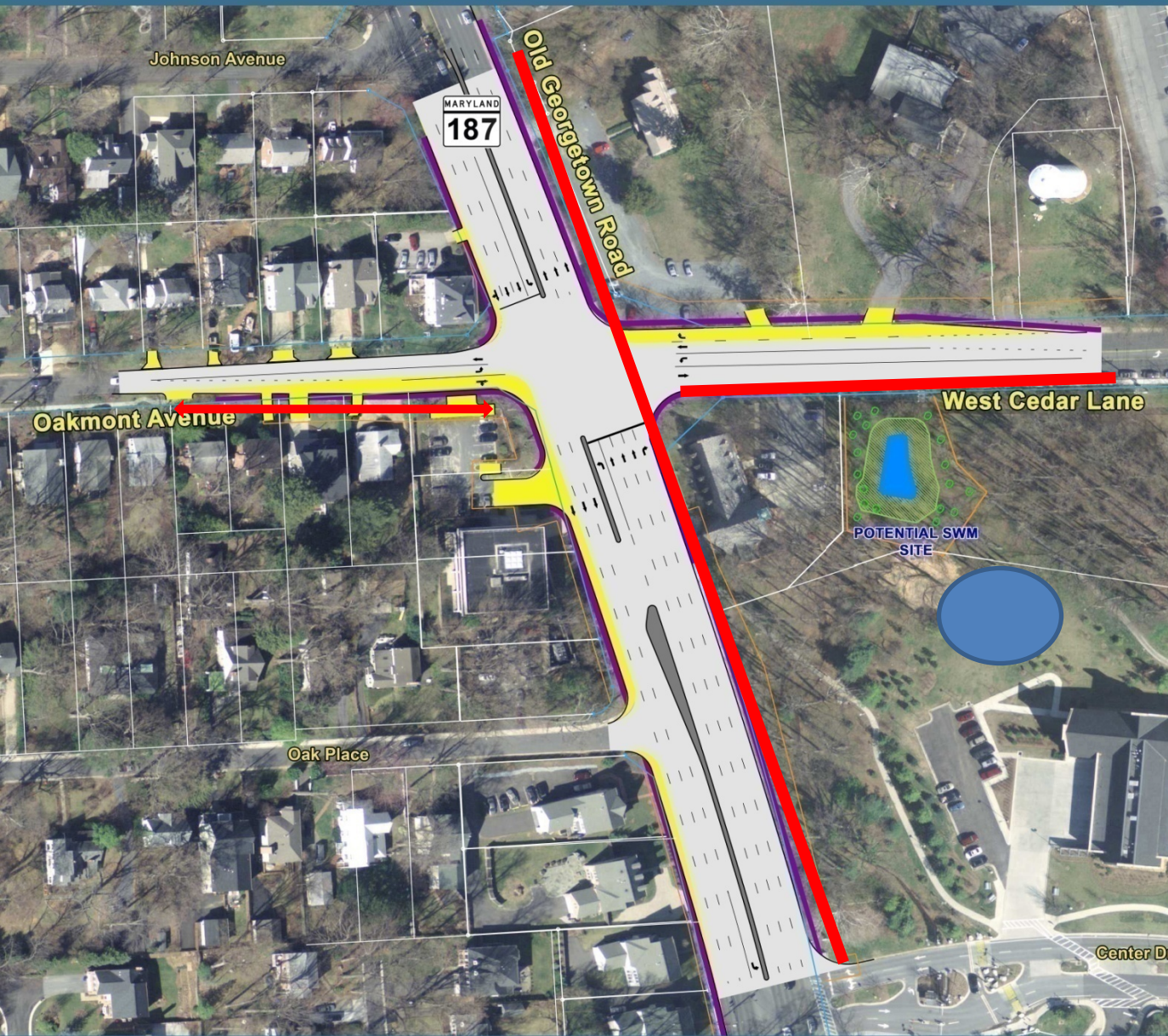


Regional Coordination

- **BRAC implementation strategy**
 - High/low capital investment strategy (short-term and longer term)
- **Montgomery County BRAC Implementation Committee**
- **Bethesda BRAC Interagency Coordination Group**
 - M-NCPPC, MCDOT, MDOT, SHA, WMATA, NAVY, NIH
- **Federal government**

BRAC INTERSECTION IMPROVEMENTS

MD 187 (Old Georgetown Road) at W. Cedar Lane / Oakmont Avenue, Montgomery County, MD



SUMMARY OF BENEFITS AND IMPACTS			
ENVIRONMENTAL FEATURES		RIGHT-OF-WAY	
Wetlands (Acres)	0	Residential Displacements	0
Streams (Linear Feet)	0	Commercial Displacements	0
Flood Plains (Acres)	0	Properties Impacted	19
Parks (Acres)	0	Total Right-Of-Way (Acres)	1.13
Forests (Acres)	0		
TRAFFIC OPERATIONS		CAPACITY ANALYSIS AM LOS (V/C) / PM LOS (V/C)	DELAY ANALYSIS AM LOS (DELAY) / PM LOS (DELAY)
2006 Existing		C (0.79) / E (0.98)	C (20.7) / D (42.1)
2011 No-Build		D (0.87) / F (1.15)	C (30.7) / F (83.2)
2011 Build		D (0.85) / E (0.99)	C (28.8) / D (42.8)
LANE CONFIGURATION			
EXISTING		PROPOSED	

OPTION 1



LEGEND

PROPOSED ROADWAY

PROPOSED RIGHT-OF-WAY

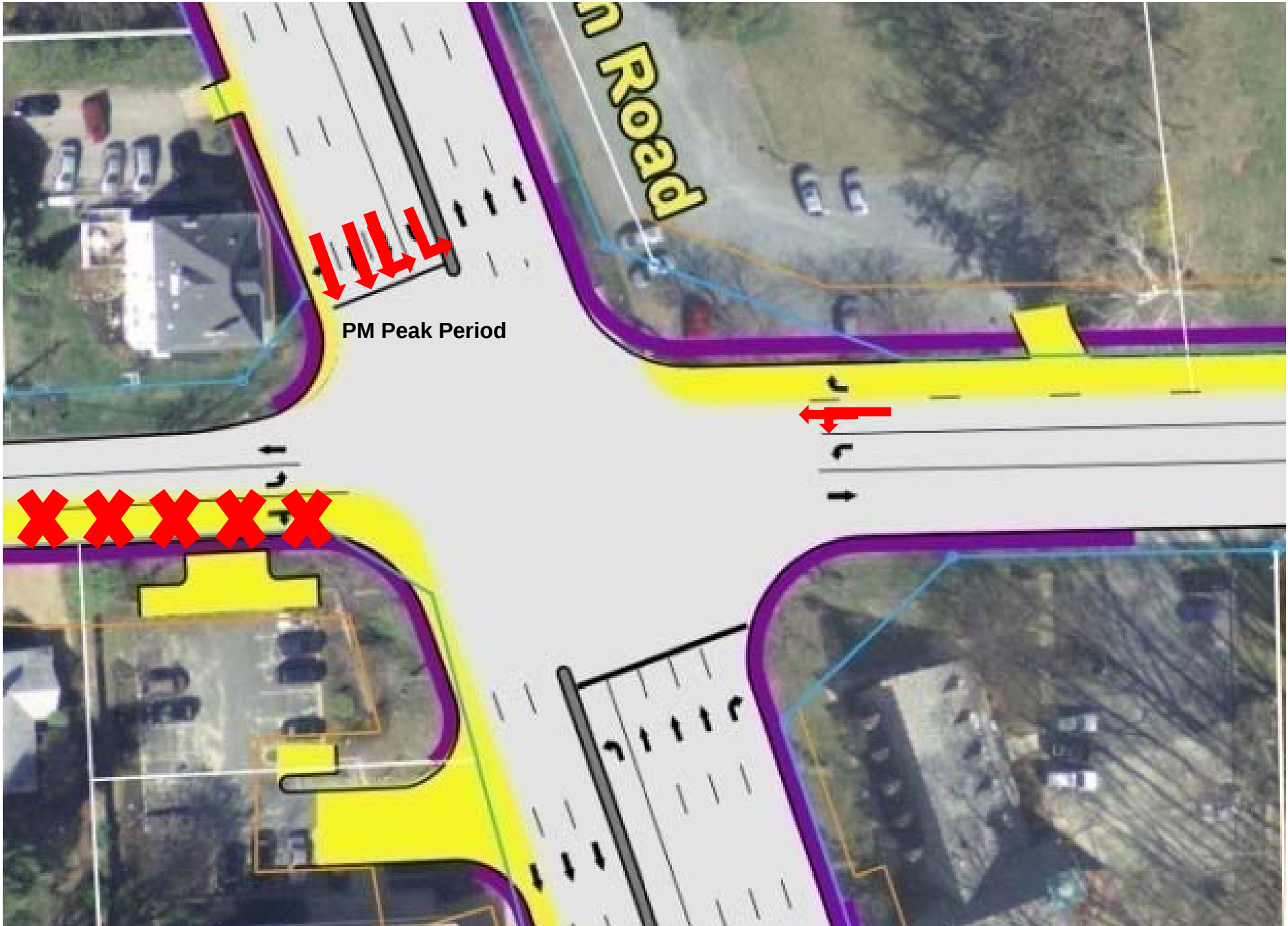
PROPOSED WIDENING

PROPOSED SIDEWALK

EXISTING RIGHT-OF-WAY

EXISTING PROPERTY LINES

APRIL 2009

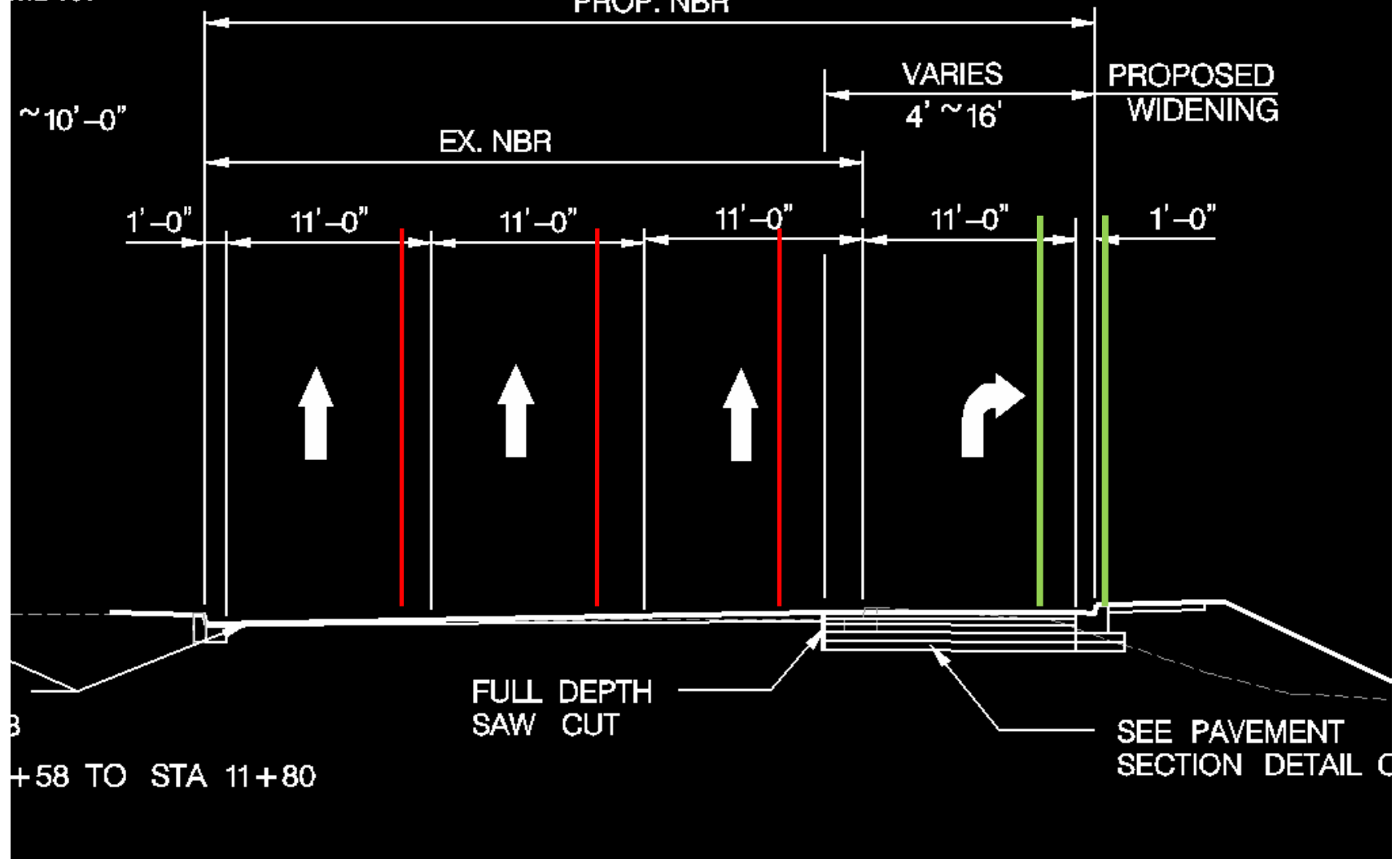


u Road

PM Peak Period

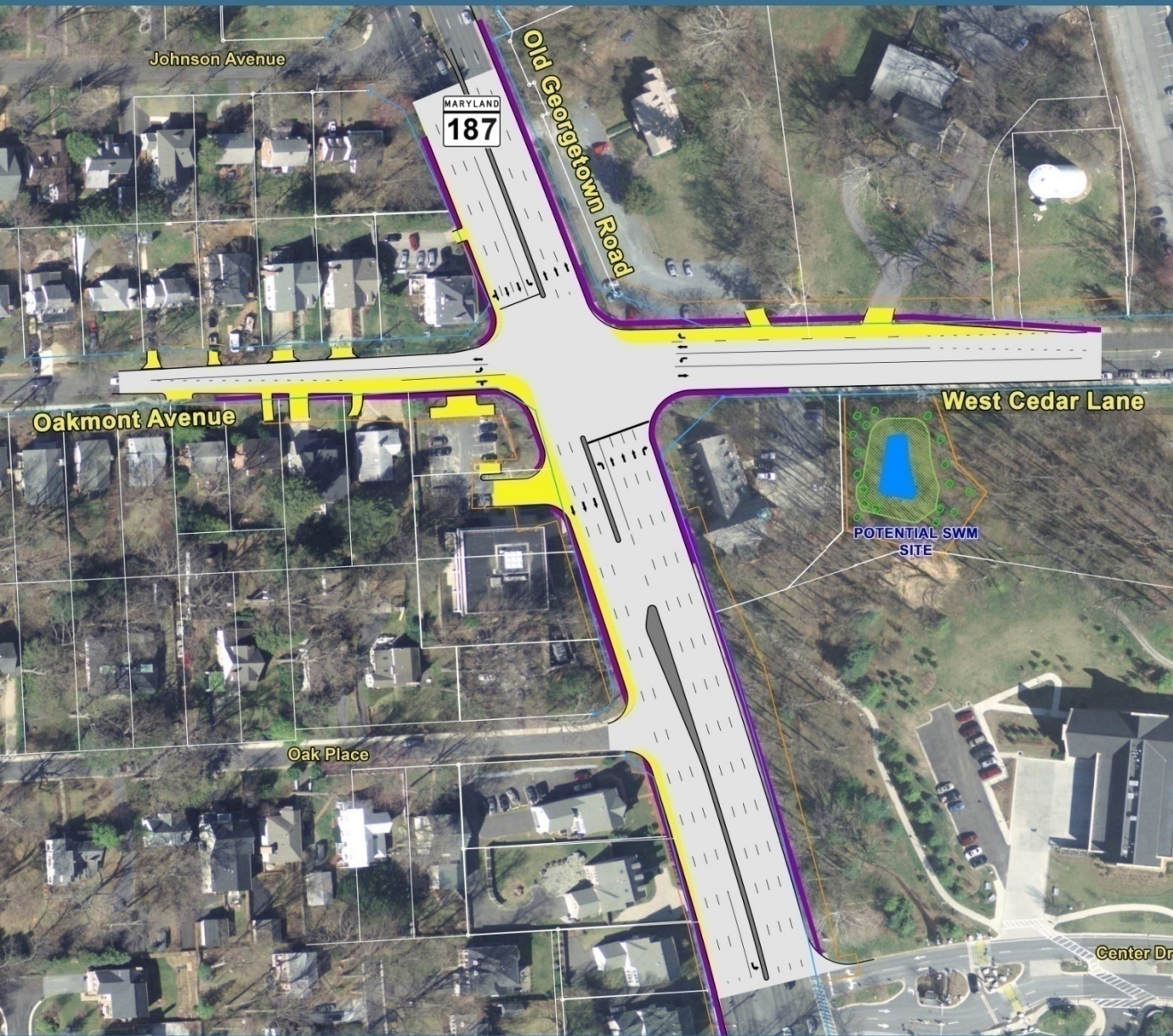
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MD187



BRAC INTERSECTION IMPROVEMENTS

MD 187 (Old Georgetown Road) at W. Cedar Lane / Oakmont Avenue, Montgomery County, MD



SUMMARY OF BENEFITS AND IMPACTS			
ENVIRONMENTAL FEATURES		RIGHT-OF-WAY	
Wetlands (Acres)	0	Residential Displacements	0
Streams (Linear Feet)	0	Commercial Displacements	0
Flood Plains (Acres)	0	Properties Impacted	19
Parks (Acres)	0	Total Right-Of-Way (Acres)	1.13
Forests (Acres)	0		
TRAFFIC OPERATIONS		CAPACITY ANALYSIS AM LOS (V/C) / PM LOS (V/C)	
2006 Existing		C (0.79) / E (0.98)	
2011 No-Build		D (0.87) / F (1.15)	
2011 Build		D (0.85) / E (0.99)	
LANE CONFIGURATION			
EXISTING		PROPOSED	

OPTION 1



LEGEND

PROPOSED ROADWAY

PROPOSED RIGHT-OF-WAY

PROPOSED WIDENING

PROPOSED SIDEWALK

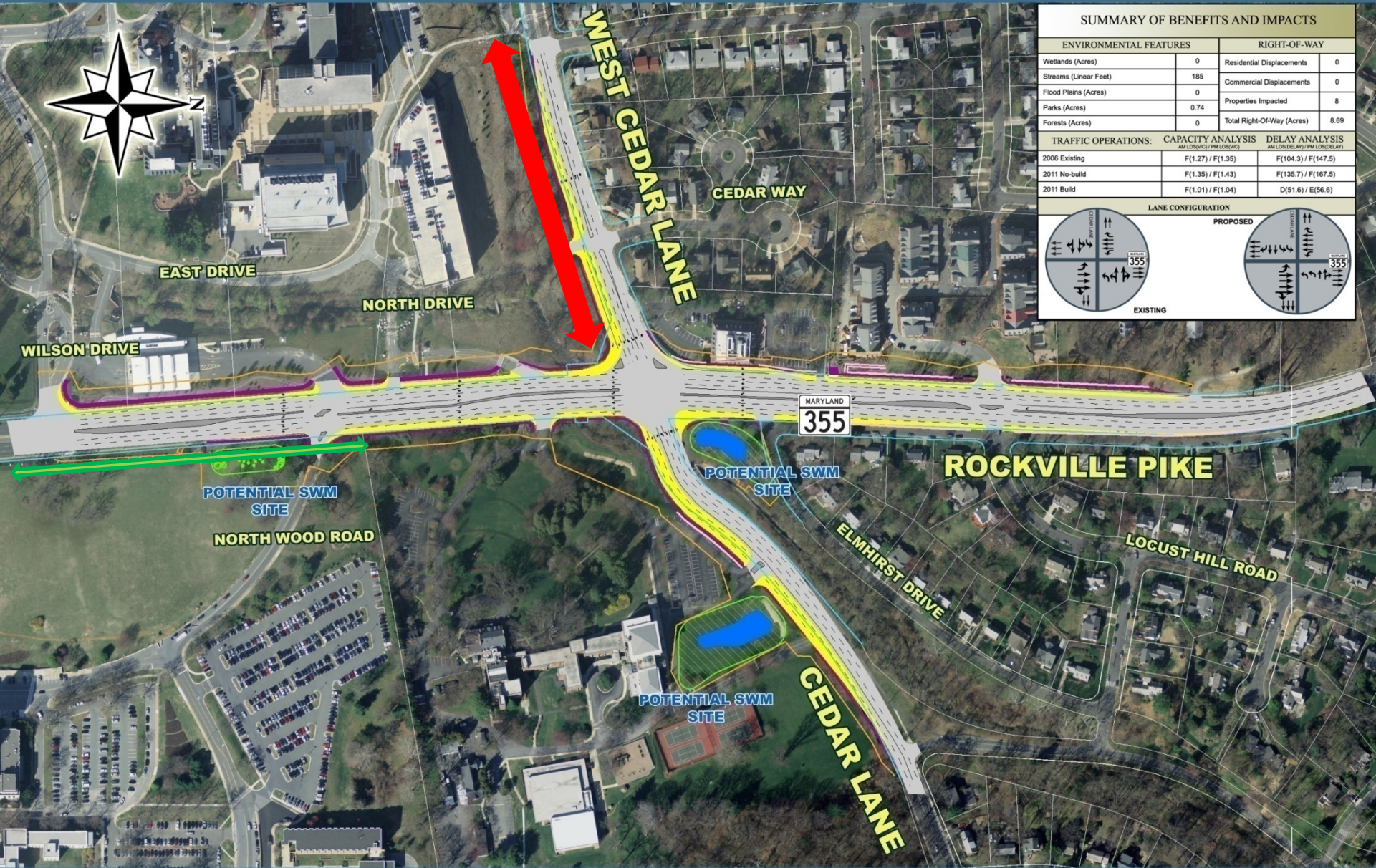
EXISTING RIGHT-OF-WAY

EXISTING PROPERTY LINES

APRIL 2009

BRAC INTERSECTION IMPROVEMENTS

MD 355 (Rockville Pike) at Cedar Lane Montgomery County, MD

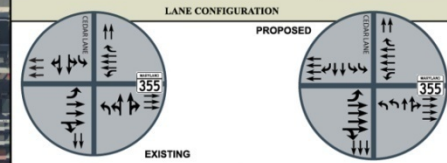


SUMMARY OF BENEFITS AND IMPACTS

ENVIRONMENTAL FEATURES		RIGHT-OF-WAY	
Wetlands (Acres)	0	Residential Displacements	0
Streams (Linear Feet)	185	Commercial Displacements	0
Flood Plains (Acres)	0	Properties Impacted	8
Parks (Acres)	0.74	Total Right-Of-Way (Acres)	8.69
Forests (Acres)	0		

TRAFFIC OPERATIONS:		CAPACITY ANALYSIS	DELAY ANALYSIS
		AM LOS(VIC) / PM LOS(VIC)	AM LOS(DELAY) / PM LOS(DELAY)
2006 Existing	F(1.27) / F(1.35)		F(104.3) / F(147.5)
2011 No-build	F(1.35) / F(1.43)		F(135.7) / F(167.5)
2011 Build	F(1.01) / F(1.04)		D(51.6) / E(56.6)

LANE CONFIGURATION



LEGEND

PROPOSED ROADWAY PROPOSED RIGHT-OF-WAY PROPOSED WIDENING PROPOSED SIDEWALK PROPOSED RETAINING WALLS EXISTING RIGHT-OF-WAY EXISTING PROPERTY LINES



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POTENTIAL SV

NIH

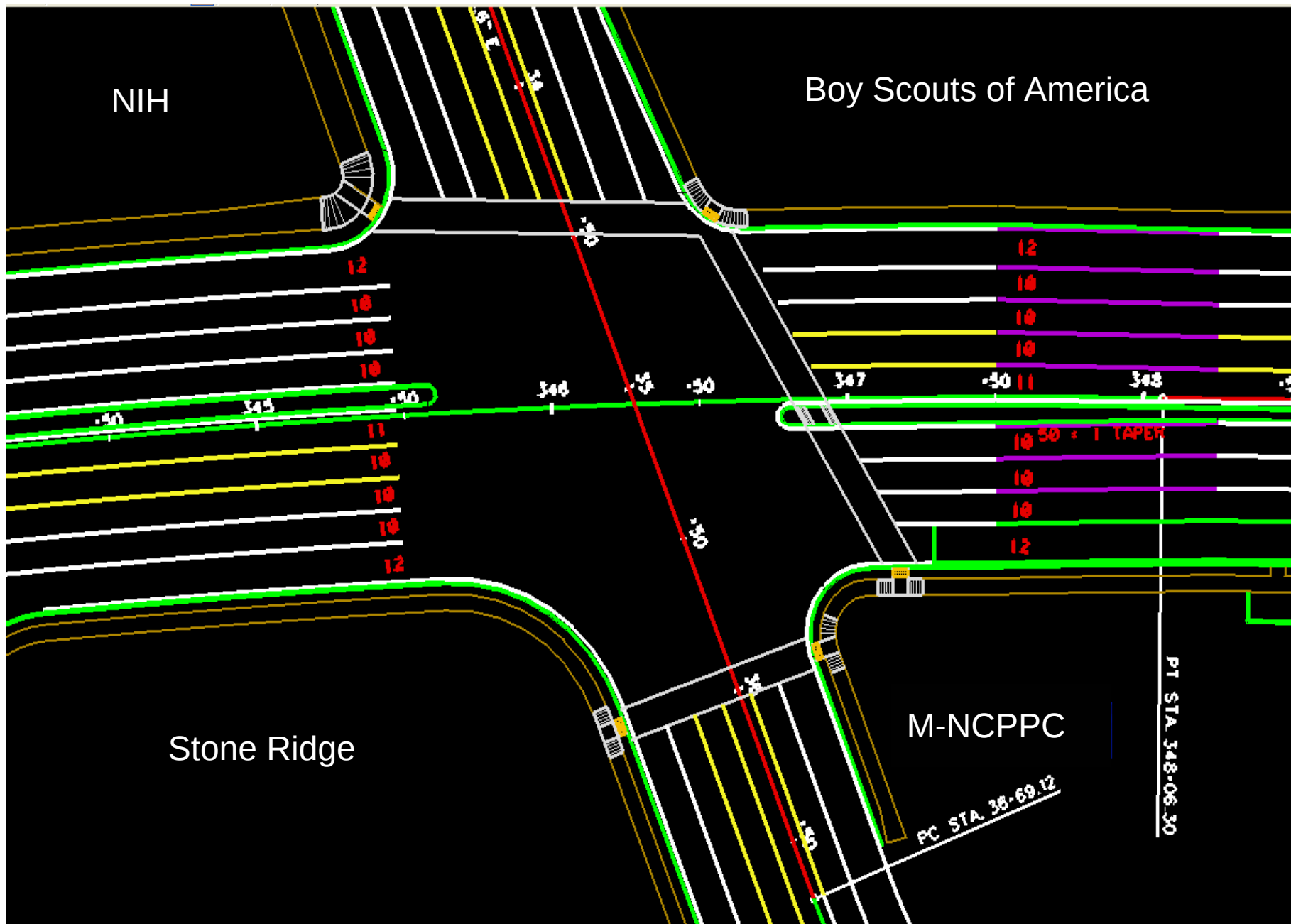
Boy Scouts of America

Stone Ridge

M-NCPPC

PC STA 38+69.12

PT STA 348+06.30



BRAC INTERSECTION IMPROVEMENTS

MD 355 (Rockville Pike) at Cedar Lane Montgomery County, MD

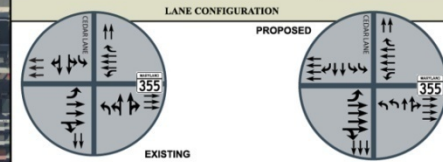


SUMMARY OF BENEFITS AND IMPACTS

ENVIRONMENTAL FEATURES		RIGHT-OF-WAY	
Wetlands (Acres)	0	Residential Displacements	0
Streams (Linear Feet)	185	Commercial Displacements	0
Flood Plains (Acres)	0	Properties Impacted	8
Parks (Acres)	0.74	Total Right-Of-Way (Acres)	8.69
Forests (Acres)	0		

TRAFFIC OPERATIONS:	CAPACITY ANALYSIS	DELAY ANALYSIS
	AM LOS(VIC) / PM LOS(VIC)	AM LOS(DELAY) / PM LOS(DELAY)
2006 Existing	F(1.27) / F(1.35)	F(104.3) / F(147.5)
2011 No-build	F(1.35) / F(1.43)	F(135.7) / F(167.5)
2011 Build	F(1.01) / F(1.04)	D(51.6) / E(56.6)

LANE CONFIGURATION

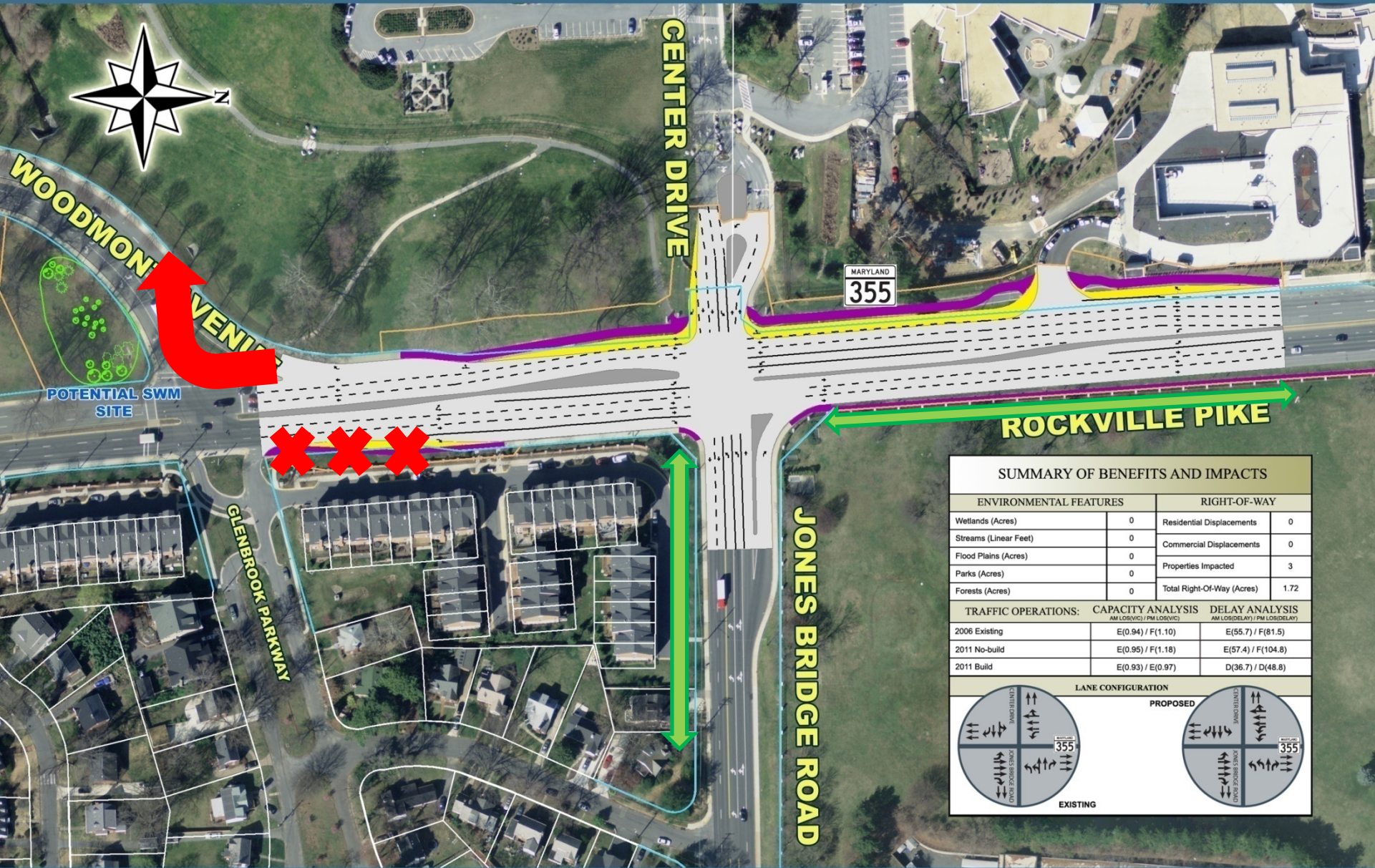


LEGEND

— PROPOSED ROADWAY
 — PROPOSED RIGHT-OF-WAY
 — PROPOSED WIDENING
 — PROPOSED SIDEWALK
 — PROPOSED RETAINING WALLS
 — EXISTING RIGHT-OF-WAY
 — EXISTING PROPERTY LINES

BRAC INTERSECTION IMPROVEMENTS

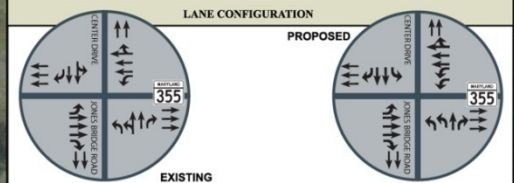
MD 355 (Rockville Pike) at Jones Bridge Road/Center Drive Montgomery County, MD



SUMMARY OF BENEFITS AND IMPACTS

ENVIRONMENTAL FEATURES		RIGHT-OF-WAY	
Wetlands (Acres)	0	Residential Displacements	0
Streams (Linear Feet)	0	Commercial Displacements	0
Flood Plains (Acres)	0	Properties Impacted	3
Parks (Acres)	0	Total Right-Of-Way (Acres)	1.72
Forests (Acres)	0		
TRAFFIC OPERATIONS:			
CAPACITY ANALYSIS AM LOS(VIC) / PM LOS(VIC)		DELAY ANALYSIS AM LOS(DELAY) / PM LOS(DELAY)	
2006 Existing	E(0.94) / F(1.10)	E(55.7) / F(81.5)	
2011 No-build	E(0.95) / F(1.18)	E(57.4) / F(104.8)	
2011 Build	E(0.93) / E(0.97)	D(36.7) / D(48.8)	

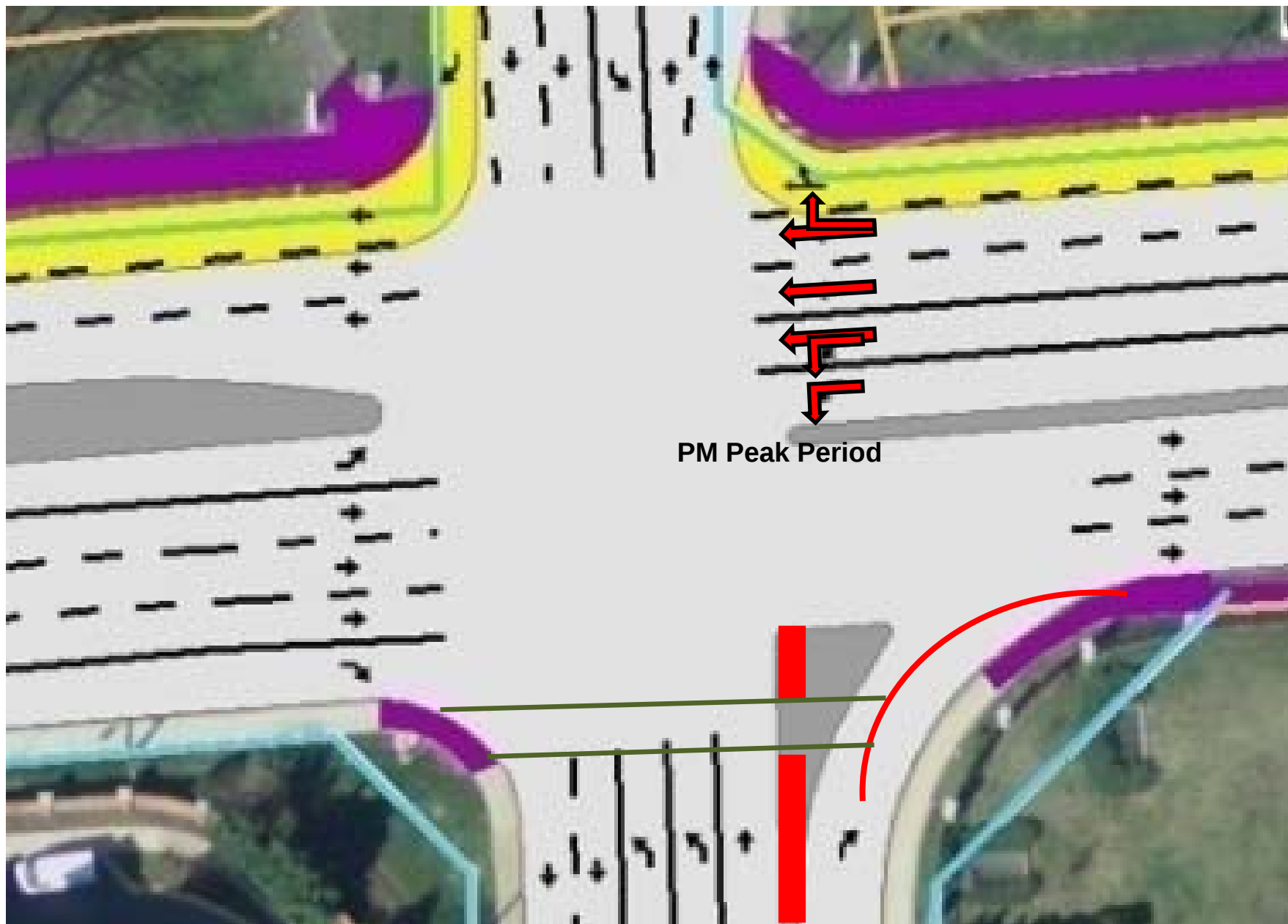
LANE CONFIGURATION



LEGEND

PROPOSED ROADWAY PROPOSED RIGHT-OF-WAY PROPOSED WIDENING PROPOSED SIDEWALK EXISTING RIGHT-OF-WAY EXISTING PROPERTY LINES

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BRAC INTERSECTION IMPROVEMENTS

MD185 (Connecticut Ave) at Jones Bridge Road / Kensington Parkway, Montgomery County, MD

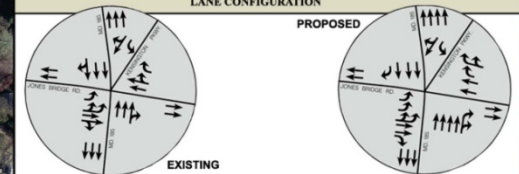


SUMMARY OF BENEFITS AND IMPACTS

ENVIRONMENTAL FEATURES		RIGHT-OF-WAY	
Wetlands (Acres)	0	Residential Displacements	5
Streams (Linear Feet)	0	Commercial Displacements	0
Flood Plains (Acres)	0	Properties Impacted	37
Parks (Acres)	0	Total Right-Of-Way (Acres)	1.54
Forests (Acres)	0		

TRAFFIC OPERATIONS	CAPACITY BASED AM LOS (V/C) / PM LOS (V/C)	DELAY BASED AM LOS (Delay (sec/vol)) / PM LOS (Delay (sec/vol))
2006 Existing	F(1.21)/F(1.28)	F(121.1)/F(149.5)
2011 No-build	F(1.29)/F(1.37)	F(149.2)/F(179.2)
2011 Build	E(0.99)/E(0.99)	E(75.2)/F(81.3)

LANE CONFIGURATION



LEGEND

PROPOSED ROADWAY
 PROPOSED RIGHT-OF-WAY
 PROPOSED WIDENING
 PROPOSED SIDEWALK
 EXISTING RIGHT-OF-WAY
 EXISTING PROPERTY LINES

R POTENTIAL RELOCATIONS FOR BRAC SHORT-TERM IMPROVEMENTS

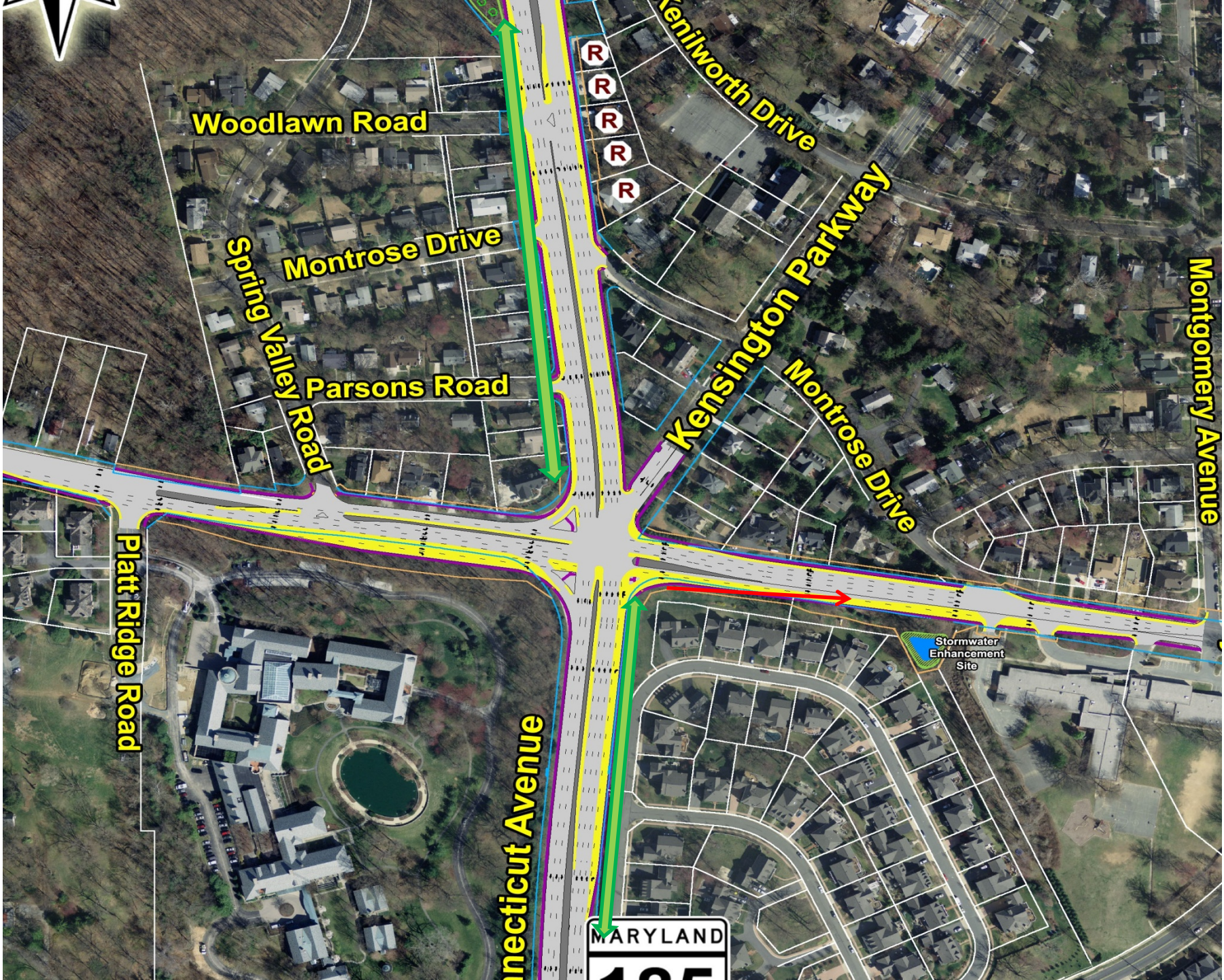
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ons Road

Kensington

Mon





Woodlawn Road

Montrose Drive

Parsons Road

Spring Valley Road

Platt Ridge Road

Connecticut Avenue

Kensington Parkway

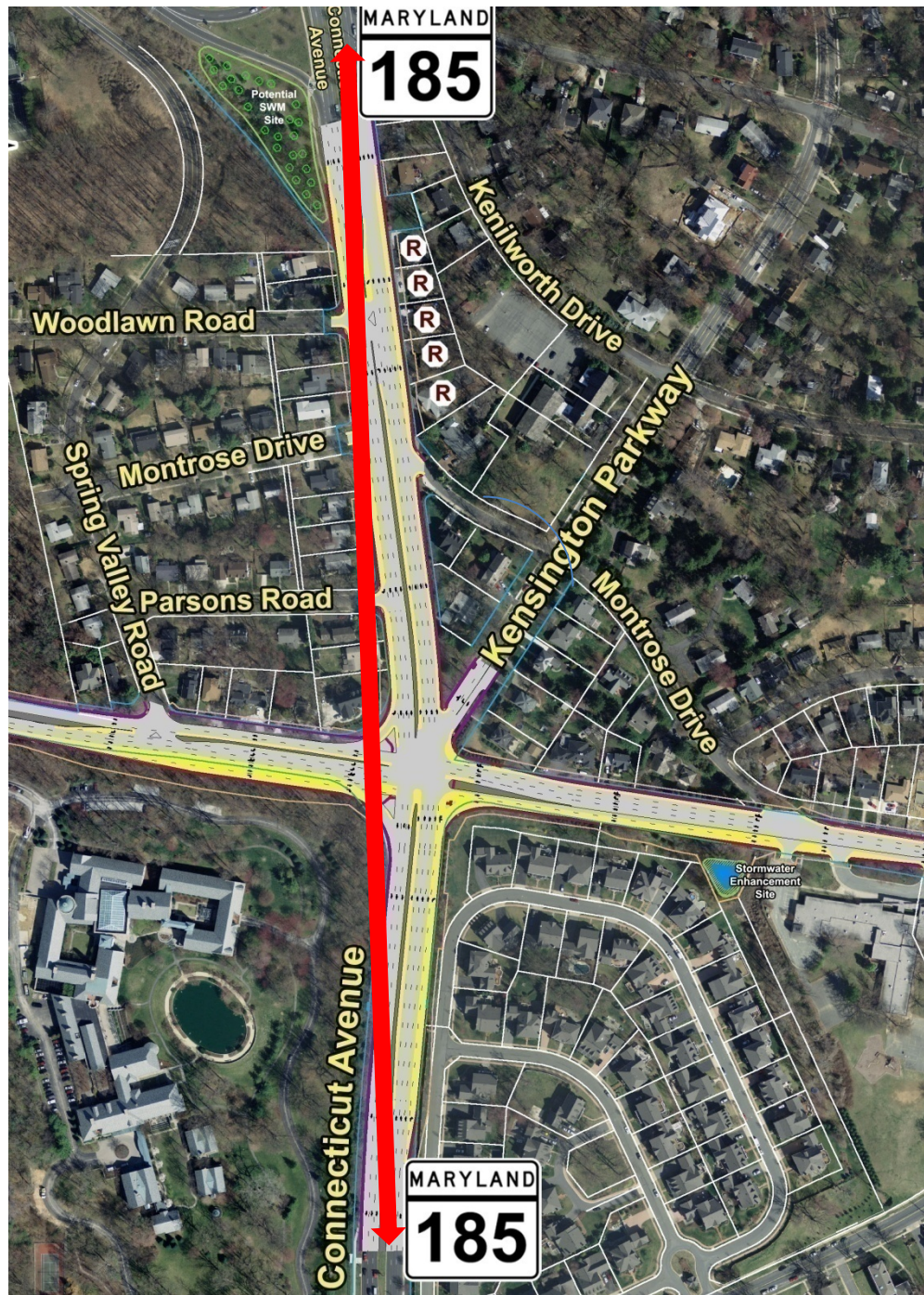
Montrose Drive

Kenilworth Drive

Montgomery Avenue

Stormwater Enhancement Site

MARYLAND
125



BRAC INTERSECTION IMPROVEMENTS

MD185 (Connecticut Ave) at Jones Bridge Road / Kensington Parkway, Montgomery County, MD



MARYLAND
185

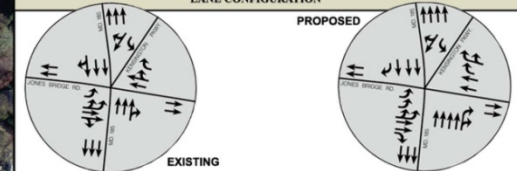
MARYLAND
185

SUMMARY OF BENEFITS AND IMPACTS

ENVIRONMENTAL FEATURES		RIGHT-OF-WAY	
Wetlands (Acres)	0	Residential Displacements	5
Streams (Linear Feet)	0	Commercial Displacements	0
Flood Plains (Acres)	0	Properties Impacted	37
Parks (Acres)	0	Total Right-Of-Way (Acres)	1.54
Forests (Acres)	0		

TRAFFIC OPERATIONS	CAPACITY BASED AM LOS (V/C) / PM LOS (V/C)	DELAY BASED AM LOS (Delay (sec/vol)) / PM LOS (Delay (sec/vol))
2006 Existing	F(1.21)/F(1.28)	F(121.1)/F(149.5)
2011 No-build	F(1.29)/F(1.37)	F(149.2)/F(179.2)
2011 Build	E(0.99)/E(0.99)	E(75.2)/F(81.3)

LANE CONFIGURATION



LEGEND

PROPOSED ROADWAY

PROPOSED RIGHT-OF-WAY

PROPOSED WIDENING

PROPOSED SIDEWALK

EXISTING RIGHT-OF-WAY

EXISTING PROPERTY LINES

R POTENTIAL RELOCATIONS FOR
BRAC SHORT-TERM IMPROVEMENTS

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