BRAC INTERSECTION IMPROVEMENTS

US 40 @ MD 715 (Alternate 2), Harford County, MD

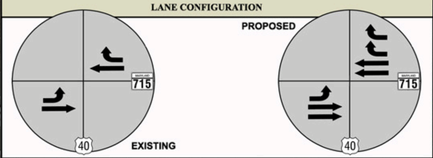
SHA State Highway Administration — Maryland Department of Transportation

SUMMARY OF BENEFITS AND IMPACTS
MD 715 @ EB US 40 - RAMP 4

ENVIRONMENTAL FEATURES		RIGHT-OF-WAY	
Wetlands (Acres)	0.98	Residential Displacements	0
Streams (Linear Feet)	0	Commercial Displacements	0
Flood Plains (Acres)	0	Properties Impacted	4
Parks (Acres)	0	Total Right-of-Way (acres)	0.93
Forests (Acres)	0		

TRAFFIC OPERATIONS:	AM LOS (Delay(sec.)) / PM LOS (Delay(sec.))
Existing	A (7.6(sec.)) / A (9.0(sec.))
2015 No-build	A (8.3(sec.)) / F (82.3(sec.))
2015 Build	A (1.1(sec.)) / A (10.0(sec.))

LANE CONFIGURATION

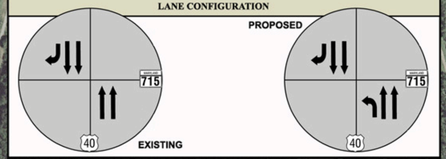


SUMMARY OF BENEFITS AND IMPACTS
US 40 WB @ MD 715 - RAMP 2

ENVIRONMENTAL FEATURES		RIGHT-OF-WAY	
Wetlands (Acres)	0	Residential Displacements	0
Streams (Linear Feet)	0	Commercial Displacements	0
Flood Plains (Acres)	0	Properties Impacted	1
Parks (Acres)	0	Total Right-of-Way (acres)	0.21
Forests (Acres)	0		

TRAFFIC OPERATIONS:	AM LOS (Delay(sec.)) / PM LOS (Delay(sec.))
Existing	N/A
2015 No-build	N/A
2015 Build	A (8.6(sec.)) / A (2.7(sec.))

LANE CONFIGURATION

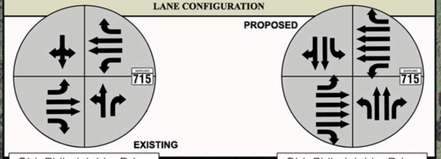


SUMMARY OF BENEFITS AND IMPACTS
MD 715 @ OLD PHILADELPHIA ROAD

ENVIRONMENTAL FEATURES		RIGHT-OF-WAY	
Wetlands (Acres)	0	Residential Displacements	0
Streams (Linear Feet)	0	Commercial Displacements	0
Flood Plains (Acres)	0	Properties Impacted	15
Parks (Acres)	0	Total Right-of-Way (acres)	3.59
Forests (Acres)	0.79		

TRAFFIC OPERATIONS:	AM LOS (Delay(sec.)) / PM LOS (Delay(sec.))
Existing	B (19.5(sec.)) / B (15.9(sec.))
2015 No-build	F (345.9(sec.)) / F (275.6(sec.))
2015 Build	D (37.3(sec.)) / C (26.8(sec.))

LANE CONFIGURATION

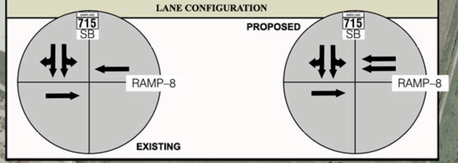


SUMMARY OF BENEFITS AND IMPACTS
MD 715 @ WB US 40 - RAMP 8

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

TRAFFIC OPERATIONS:	AM LOS (Delay(sec.)) / PM LOS (Delay(sec.))
Existing	B (10.2(sec.)) / B (14.5(sec.))
2015 No-build	C (20.0(sec.)) / F (502.3(sec.))
2015 Build	C (21.6(sec.)) / E (42.8(sec.))

LANE CONFIGURATION

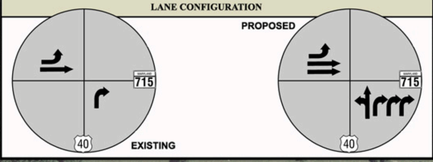


SUMMARY OF BENEFITS AND IMPACTS
US 40 EB @ MD 715 - RAMP 6

ENVIRONMENTAL FEATURES		RIGHT-OF-WAY	
Wetlands (Acres)	0.13	Residential Displacements	0
Streams (Linear Feet)	460	Commercial Displacements	0
Flood Plains (Acres)	0	Properties Impacted	3
Parks (Acres)	0	Total Right-of-Way (acres)	0.98
Forests (Acres)	0		

TRAFFIC OPERATIONS:	AM LOS (Delay(sec.)) / PM LOS (Delay(sec.))
Existing	N/A
2015 No-build	F/A
2015 Build	D (39.0(sec.)) / A (3.5(sec.))

LANE CONFIGURATION



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

MARCH 2009

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