

FEBRUARY 2016: MD 28/MD 198 COMPARISON OF ALTERNATIVES AND OPTIONS BY ROAD SEGMENT

	ALTERNATIVE 1	ALTERNATIVE 2: TRANSPORTATION SYSTEM MANAGEMENT/TRANSPORTATION DEMAND MANAGEMENT			ALTERNATIVE 3: MASTERPLAN ALTERNATIVE		
		BASE ALTERNATIVE	ACCESS MANAGEMENT OPTION	INTERSECTION IMPROVEMENT OPTION	BASE ALTERNATIVE	ACCESS MANAGEMENT OPTION	INTERSECTION IMPROVEMENT OPTION
Segment A MD 28 FROM MD 97 (GEORGIA AVENUE) TO MD 182 (LAYHILL ROAD)	No Build Map Link- Alternative 1	<ul style="list-style-type: none"> Ties to MD 97/MD 28 Interchange Improvements Provided continuous shoulders in each direction to accommodate on-road bicycles Provides sidewalk on south side of MD 28 from Norbeck Boulevard to Bailey's Lane East, and shared-use path on north side Shifts alignment from Barn Ridge Drive to Whitehaven Road to reduce curvature and improve sight distance <p>Map Link- Segment A: Alternative 2</p>	Provides three access roads: <ul style="list-style-type: none"> North side – Coolidge Avenue to East Norbeck Park North side – Wintergate Drive to 2801 Norbeck Road South side – Keltrip Court to Woods Center Road (one-way westbound) 	<ul style="list-style-type: none"> Provides a roundabout at Wintergate Drive 	<ul style="list-style-type: none"> Ties to MD 97/MD 28 Interchange Improvements Provides four-lane divided, closed-section roadway with continuous shoulders in each direction to accommodate on-road bicycles Provides sidewalk on south side of MD 28 from Norbeck Boulevard to Bailey's Lane East, and shared-use path on north side Shifts alignment from Barn Ridge Drive to Whitehaven Road to reduce curvature and improve sight distance <p>Map Link- Segment A: Alternative 3</p>	Provides three access roads: <ul style="list-style-type: none"> North side – Coolidge Avenue to East Norbeck Park North side – Wintergate Drive to 2801 Norbeck Rd South side – 2412 Norbeck Road to Woods Center Road 	<ul style="list-style-type: none"> Provides a roundabout at Wintergate Drive
Segment B NORBECK ROAD FROM MD 182 (LAYHILL ROAD) TO MD 650 (NEW HAMPSHIRE AVENUE)	No Build Map Link- Alternative 1	<ul style="list-style-type: none"> Widens the existing 8 foot wide shared-use path to 10 feet along north side of Norbeck Road <p>Map Link- Segment B: Alternative 2</p>	Not Applicable	<ul style="list-style-type: none"> Converts the right turn lanes on Norwood Road to through-right turn lanes 	<ul style="list-style-type: none"> Provides four-lane divided open-section roadway with continuous shoulders in each direction to accommodate on-road bicycles Widens the existing 8 foot wide shared-use path to 10 feet along north side of Norbeck Road <p>Map Link- Segment B: Alternative 3</p>	Not Applicable	<ul style="list-style-type: none"> Converts the right turn lanes on Norwood Road to through-right turn lanes
Segment C MD 198 FROM MD 650 (NEW HAMPSHIRE AVENUE) TO OLD COLUMBIA PIKE	No Build Map Link- Alternative 1	<ul style="list-style-type: none"> Provides continuous shoulder in each direction to accommodate on-road bicycles Provides shared-use path on south side Shifts alignment east of Burtonsville Drive to Santini Road to reduce curvature and improve safety <p>Map Link- Segment C: Alternative 2</p>	Provides either: <ul style="list-style-type: none"> Closed-section three-lane roadway with continuous two-way center left-turn lane; or Six foot wide median 	<ul style="list-style-type: none"> Provides roundabouts at Good Hope Road, Thompson Road and/or Peach Orchard Road Adds a second left turn lane on the northbound, southbound, and westbound approaches at MD 650. 	<ul style="list-style-type: none"> Provides a combination of four-lane divided open-section and closed-section roadway with continuous shoulder in each direction to accommodate on-road bicycles Provides shared-use path along south side of MD 198 Shifts alignment east of Burtonsville Drive to Santini Road to reduce curvature and improve safety <p>Map Link- Segment C: Alternative 3</p>	Provides either: <ul style="list-style-type: none"> Two-way continuous center turn lane; or Continuous 6 ft median 	<ul style="list-style-type: none"> Provides roundabouts at Good Hope Road, Thompson Road, and/or Peach Orchard Road Adds a second left turn lane on the northbound and southbound approaches at MD 650 Adds a westbound shared through-left turn lane at MD 650
Segment D MD 198 FROM OLD COLUMBIA PIKE TO US 29	No Build Map Link- Alternative 1	<ul style="list-style-type: none"> Provides continuous shoulder in each direction to accommodate on-road bicycles Provides sidewalk along north side of MD 198 Provides shared-use path along south side of MD 198 <p>Map Link- Segment D: Alternative 2</p>	Not Applicable	Improves turning movements at Old Columbia Pike by: <ul style="list-style-type: none"> Adding a second westbound left turn lane Converting the shared right-through lanes to separate through and right turn lanes on the eastbound and northbound approaches 	<ul style="list-style-type: none"> Provides five-lane closed section roadway with continuous center two-way left turn lane, while accommodating on-road bicycles Provides sidewalk along north side of MD 198 Provides shared-use path along south side of MD 198 <p>Map Link- Segment D: Alternative 3</p>	<ul style="list-style-type: none"> Provides closed section four-lane roadway with 18 foot wide median, while accommodating on-road bicycles 	Improves turning movements at Old Columbia Pike by: <ul style="list-style-type: none"> Adding a second westbound left turn lane Converting the shared right-through lanes to separate through and right turn lanes on the eastbound and northbound approaches Adding a second northbound right turn lane
Segment E MD 198 FROM US 29 TO I-95	No Build Map Link- Alternative 1	<ul style="list-style-type: none"> Provides shared-use path along south side of MD 198 <p>Map Link- Segment E: Alternative 2</p>	Not Applicable	<ul style="list-style-type: none"> Adds a second northbound left turn lane at McKnew Road 	<ul style="list-style-type: none"> Provides four and six-lane divided roadway that accommodates on-road bicycles Provides shared-use path along south side of MD 198 <p>Map Link- Segment E: Alternative 3</p>	Not Applicable	<ul style="list-style-type: none"> Adds an additional northbound and westbound left-turn lane at McKnew Road.