
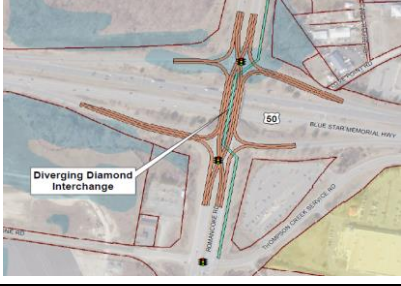




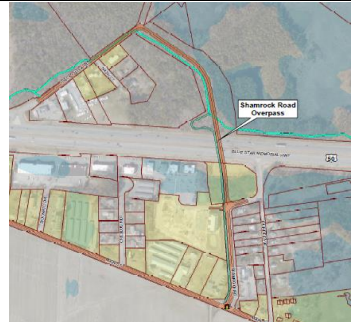


Kent Island Transportation Plan Conceptual Improvements - Preliminary Planning Level Cost Estimates 6/29/2015

All cost are based on typical urban projects' unit costs, with a 2.5% inflation rate and a 2030 build out year. These unit costs account for all necessary items needed for construction with an additional 25% included for design and construction contingencies. Not included in this planning level cost estimate are costs associated with additional studies required for construction (NEPA, IJR, etc.).

Location/Description	Item	Quantity	Unit	Unit Cost	Total	Notes	Improvement
Thompson Creek Road Connector Construction of a new two lane roadway connecting Romancoke Road with Thompson Creek Road.	Roadway Construction (2 Lanes)	0.712	MI	\$9,470,000	\$6,743,788	2 - 16' lanes with 5' sidewalks	
	Right of Way	25	%	-	\$1,685,947		
	Sub Total:				\$8,430,000		
Diverging Diamond Interchange at US 50 and Route 8 (Romancoke Road) Reconstruction of the existing US 50 and MD 8 standard diamond interchange to a diverging diamond interchange.	Roadway Construction (3 Lanes)	0.520	MI	\$11,840,000	\$6,155,455	3 - 12' lanes	
	Roadway Construction (2 Lanes)	0.349	MI	\$8,315,000	\$2,905,526	2 - 12' lanes	
	Traffic Signal	2	EA	\$305,000	\$610,000	Route 8 at US 50 Ramps	
	Shared Use Path	0.492	MI	\$1,210,000	\$595,833	1 - 12' path	
Sub Total:				\$10,267,000			
Cox Neck Road Connector Construction of a new two lane roadway from Thompson Creek Road to Cox Neck Road following the alignment of US 50. Connection options include improvements along Ellicott Drive, Cecil Drive, or a new alignment connecting to Postal Road.	Roadway Construction (2 Lanes)	1.067	MI	\$9,470,000	\$10,106,714	2 - 16' lanes with 5' sidewalks	
	Bridge Construction	3100	SF	\$500	\$1,550,000	2 - Bridges	
	Right of Way	50	%	-	\$5,828,357.01		
	Sub Total:				\$17,486,000	+ \$1,471,000 Ellicott Drive + \$1,669,000 Cecil Drive + \$1,790,000 Postal Road	
Main Street Ramp to Piney Creek Road Construction of a one lane on-ramp from Main Street connecting to Piney Creek Road/U.S. 50. Includes an additional eastbound lane on Piney Creek Road to allow free flow ramp movement onto U.S. 50.	Roadway Construction (1 Lanes)	0.161	MI	\$6,050,000	\$973,958	1 - 12' lane	
	Ramp Construction (1 Lane)	0.148	MI	\$9,070,000	\$1,339,886	1 - 16' lane with 7' and 3' shoulders	
	Right of Way	50	%	-	\$1,156,922.35		
	Sub Total:				\$3,471,000		
Main Street Improvements from Piney Creek Road to Kent Town Market Widening of Main Street from two lanes to four lanes between Piney Creek Road and Kent Town Market. Includes a new traffic signal at Piney Creek Road and Postal Road and a reconstructed signal at Dominion Road. Also includes widening of the US 50 off ramp at Dominion Road to dual right-turn lanes.	Roadway Construction (2 Lanes)	0.163	MI	\$9,070,000	\$1,477,311	2 - 12' lanes with 12' shoulder	
	Roadway Construction (4 Lanes)	0.491	MI	\$19,670,000	\$9,648,731	4 - 11' lanes with 5' sidewalks	
	Roadway Construction (5 Lanes)	0.466	MI	\$21,390,000	\$9,965,795	5 - 11' lanes with 5' sidewalks	
	Bridge Construction	6840	SF	\$500	\$3,420,000	Widen existing bridge 1 lane	
	Traffic Signal	3	EA	\$305,000	\$915,000	Main Street at Dominion Road	
	Right of Way	50	%	-	\$11,974,763		
Sub Total:				\$37,402,000			
Main Street Improvements from Kent Town Market to Wharf Drive Widening of Main Street from two lanes to three lanes between Kent Town Market to Wharf Drive. Includes a new traffic signal at Shamrock Road.	Roadway Construction (3 Lanes)	1.222	MI	\$12,930,000	\$15,795,170	3 - 12' lanes	
	Traffic Signal	1	EA	\$305,000	\$305,000	Shamrock Rd at Main St	
	Right of Way	50	%	-	\$8,050,085		
	Sub Total:				\$24,151,000		
Shamrock Road Overpass Construction of a new two lane roadway connecting Shamrock Road and Piney Creek Road over US 50. Includes a new pedestrian connection over US 50.	Roadway Construction (2 Lanes)	0.738	MI	\$9,070,000	\$6,690,843	2 - 12' lanes	
	Shared Use Path	0.341	MI	\$1,210,000	\$412,500	1 - 12 lane	
	Bridge Construction	17330	SF	\$500	\$8,665,000		
	Traffic Signal	1	EA	\$305,000	\$305,000	Abruzzi Dr at Shamrock Rd	
	Right of Way	25	%	-	\$4,018,336		
Sub Total:				\$20,092,000			