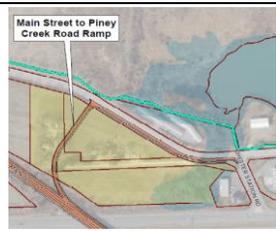


**Kent Island Transportation Plan Conceptual Improvements - Preliminary Planning Level Cost Estimates 6/29/2015**

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
<b>Thompson Creek Road Connector</b> 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		
	<b>Sub Total:</b>				<b>\$8,430,000</b>		
<b>Diverging Diamond Interchange at US 50 and Route 8 (Romancoke Road)</b> 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	
<b>Sub Total:</b>				<b>\$10,267,000</b>			
<b>Cox Neck Road Connector</b> 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		
	<b>Sub Total:</b>				<b>\$17,486,000</b>	+ \$1,471,000 Ellicott Drive + \$1,669,000 Cecil Drive + \$1,790,000 Postal Road	
<b>Main Street Ramp to Piney Creek Road</b> 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		
	<b>Sub Total:</b>				<b>\$3,471,000</b>		
<b>Main Street Improvements from Piney Creek Road to Kent Town Market</b> 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		
<b>Sub Total:</b>				<b>\$37,402,000</b>			
<b>Main Street Improvements from Kent Town Market to Wharf Drive</b> 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		
	<b>Sub Total:</b>				<b>\$24,151,000</b>		
<b>Shamrock Road Overpass</b> 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		
<b>Sub Total:</b>				<b>\$20,092,000</b>			