

County Bridges – Six-Year Bridge Plan

Approx. Carry-Over Funds	New Funds	Program Expenses						Estim. Remaining Funds
		Projects by Year Contract Awarded	Rating	Deck Area (SF)	Estimated Total Local Project Cost	Const. % Local Funds	Split ¹ % Lev. Funds	
2008								
\$5,700,000	\$1,000,000	Bridge Inspection and Program Management	N/A	N/A	\$100,000	100%	0%	
	MRF	TROD Bridge Work	Various	Various	\$50,000	100%	0%	
		Eighth St. Viaduct – Rehabilitation ³	3	190,610	\$4,500,000	20%	80%	
		Eighth St. Viaduct – Construction Management	3	190,610	\$400,000	100%	0%	
		Western Hills Via. – Safety Improvements	4	221,920	\$700,000	100%	0%	
		Clifton Avenue Bridge – Superstructure Replacement	5	6,250	\$700,000	30%	70%	
		TOTAL			\$6,450,000			\$250,000
2009								
\$250,000	\$1,000,000	Bridge Inspection and Program Management	N/A	N/A	\$100,000	100%	0%	
	MRF	TROD Bridge Work	Various	Various	\$50,000	100%	0%	
		Eighth St. Viaduct – Construction Management	3	190,610	\$400,000	100%	0%	
		Western Hills Viaduct – Inspection ² & Maintenance Contract	4	221,920	\$500,000	100%	0%	
		TOTAL			\$1,050,000			\$200,000
2010								
\$200,000	\$1,000,000	Bridge Inspection and Program Management	N/A	N/A	\$100,000	100%	0%	
	MRF	TROD Bridge Work	Various	Various	\$50,000	100%	0%	
		Western Hills Viaduct – Plan Development ²	4	221,920	\$500,000	100%	0%	
		Anthony Wayne Avenue – Painting Contract	8	6,452	\$350,000	100%	0%	
		TOTAL			\$1,000,000			\$200,000
2011								
\$200,000	\$1,000,000	Bridge Inspection and Program Management	N/A	N/A	\$100,000	100%	0%	
	MRF	TROD Bridge Work	Various	Various	\$50,000	100%	0%	
		Western Hills Viaduct – Plan Development ²	4	221,920	\$500,000	100%	0%	
		North Bend Road Bridge over Kirby – Overlay & Painting	6	6,776	\$350,000	100%	0%	
		TOTAL			\$1,000,000			\$200,000
2012								
\$200,000	\$1,000,000	Bridge Inspection and Program Management	N/A	N/A	\$100,000	100%	0%	
	MRF	TROD Bridge Work	Various	Various	\$50,000	100%	0%	
		Western Hills Viaduct – Plan Development	4	221,920	\$400,000	100%	0%	
		Underwater Inspections	Various	Various	\$50,000			
		TOTAL			\$600,000			\$600,000
2013								
\$600,000	\$1,000,000	Bridge Inspection and Program Management	N/A	N/A	\$100,000	100%	0%	
	MRF	TROD Bridge Work	Various	Various	\$50,000	100%	0%	
		Western Hills Viaduct – Plan Development	4	221,920	\$400,000	100%	0%	
		Galbraith Road Bridge – Deck Replacement	6	20,808	\$1,000,000	100%	0%	
		TOTAL			\$1,550,000			\$50,000

Projects that will be moved in if leveraged funding can be secured or if additional funds become available	Kennedy Avenue Bridge – Replacement	4	9,723	\$1,500,000	?	?	
	Marburg Avenue Bridge – Replacement	4	6,156	\$1,500,000	?	?	
	Center Hill Avenue Bridge – Replacement	5	5,775	\$1,750,000	?	?	

- ¹ Additional leveraged funding will be pursued and will be used to supplement local funds as secured. Only those leveraged funds actually secured at the present time are listed and are being used for budgeting purposes. Unless leveraged funds are secured or additional funds are supplied by Hamilton County, the Kennedy Avenue Bridge Replacement project, the Marburg Avenue Bridge Replacement project, and the Center Hill Avenue Bridge Replacement project will not be able to go to construction.
- ² Rehabilitation/replacement of the Western Hills Viaduct is preliminarily planned after 2011 (following Waldvogel in 2010 & 2011). This will be a major project and construction is expected to exceed \$100 million. State and Federal funds will be sought, but a local match will be needed. It is expected that all design costs, which will be substantial, will need to be paid locally.

The projects are grouped by the year of expected bid. This plan is flexible and will be revised as necessary if future bridge inspections reveal unexpected changes in the condition of any bridge, if anticipated bridge funding amounts change, if unexpected leveraged funding sources become available or are withdrawn, if the timing of any bridge project requires adjustment to coordinate with other infrastructure improvement or development projects, or if City Council or the City Administration redirect priorities. The estimated project costs are preliminary and are only intended to establish basic funding needs and are not considered engineer's estimates. Bridge conditions will be continually monitored during the six-year period and the plan will be adjusted as needed to best maintain the bridge infrastructure.

Some possible projects that may need to be moved forward or may need to be include in the County Bridge Maintenance Contracts include:

- 1) In-Depth Inspections of Fracture Critical Members or other In-Depth Inspections
- 2) East Fork Bridge over Little Duck Creek – Superstructure Replacement
- 3) Wooster Road Bridge – Painting Contract
- 4) Hopple Street Viaduct – Deck Overlay

The funds programmed for the County Bridge Maintenance Contracts may also be used, wholly or in part, to support other projects listed in the six-year plan whose expenses exceed the preliminary estimates listed in the six-year plan