

**Harrisonville CIP Transportation Evaluation Matrix**  
2018-2028 Projects

Project Locations	Project Description	Estimated Design and Construction Costs	Rated Priority/Planned Year	Evaluation Matrix										TOTAL SCORE	
				Functional Classification	Accident Frequency-Severity	Traffic Counts	Multi-Modal Abilities	New Construction or Reconstruction	Environmental Concerns	Utility Conflict & Relocations	Easement & ROW Acquisition	Lifespan Analysis	Pavement Condition Index		
Highway 2 (South Street) Bridge over Muddy Creek	Remove undersized bridge and replace with adequate culverts or bridge system	\$1,242,000	1	10.0		4.0									14.0
Mechanic Street - Highway 7 Phase 3 Upgrades	Reconstruction of Mechanic 3 lanes from Commercial to Independence	\$2,850,000	2	10.0		12.0									22.0
South Street at Independence Intersection	Intersection Improvements including new traffic signals	\$1,004,250	3	5.0		4.8									9.8
Jefferson Parkway Phase 2 Construction	Construct arterial/collector status roadway with drainage, curbs, and sidewalks	\$1,709,250	4	5.0											5.0
Jefferson Parkway Phase 1 Construction	Construct arterial/collector status roadway with drainage, curbs, and sidewalks	\$2,430,750	5	5.0											5.0
East Elm Street Upgrade and Reconstruction	Construct arterial/collector status roadway with drainage, curbs, and sidewalks	\$1,445,360	6	5.0											5.0
Highway 7 at I-49, Plaza & Westchester	Signalization or other traffic control	\$3,833,400	7	10.0		9.0									19.0

Functional Classification	Arterial	10	
	Collector	5	
	Local	0	
Accident Frequency			
Accident Severity			
Traffic Counts	Count/1000		
Multi-Modal	Pedestrian	5	
	Bicycle	5	
	Both & Other	10	
Type of Construction	New	10	
	Reconstruction	5	
Free of Environmental Issues?	Yes	10	
	No	0	
Utility Relocations	Yes	0	
	No	10	
Will ROW or Easements Acquisition be Required	Yes	0	
	No	10	
Lifespan Analysis	Years of life remaining subtracted from 10		
Pavement Classification Index (PCI) Value = (100-PCI)/10	PCI		
	Value	10.0	

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Historic Inflation Rates

2011	3.2
2012	2.1
2013	1.5
2015	0.1
2016	1.3
2017	2.1
2018	2.4

7 Year Total % Increase 12.70%

\$2,500,000.00 2010  
\$2,817,500.00 2018

Source: U.S. Department of Labor US Inflation Calculator Website

