



Resolution #240334 BIP Grant

Nicolas Bosonetto, PE – City Engineer PW

Jill Lawlor – Grants Strategy Officer Mayor’s Office

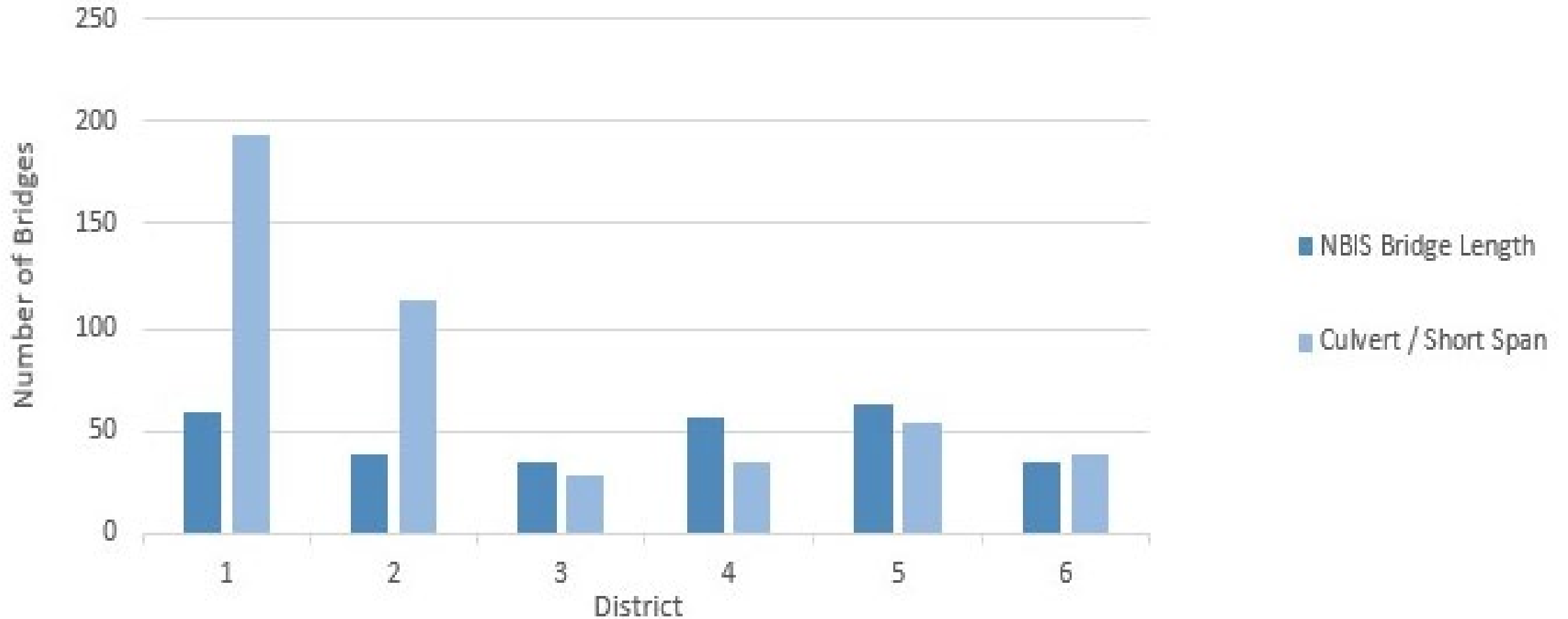
Eric Falk, PE - Bridge Engineer PW



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Bridges by District



Not all bridges are eligible for Grant Funding



Bridge & Culvert Inspections

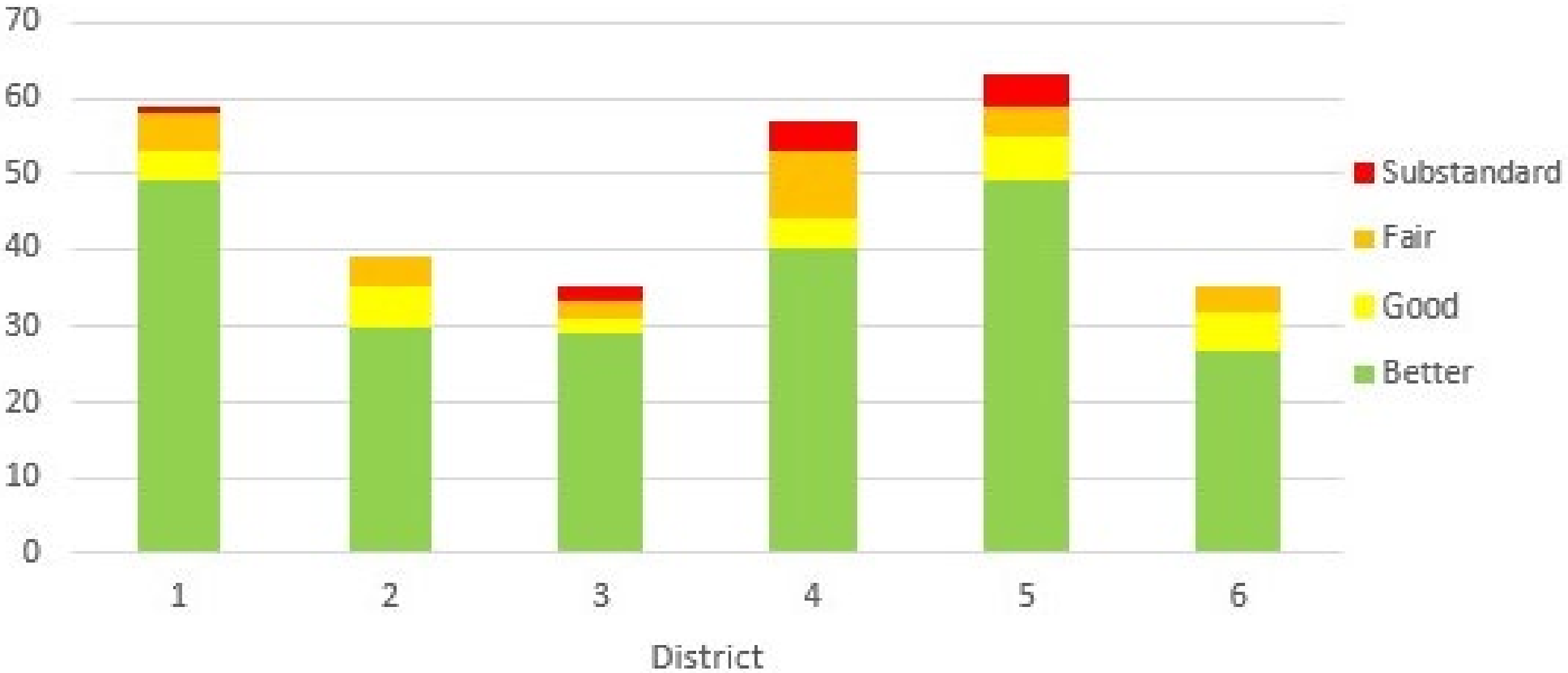
- Bridges are inspected bi-annually by consultant team
 - Bridges in poor condition inspected annually
- Inspections reports sent to MoDOT
- Sufficiency Rating includes:
 - Structural elements (55% of rating)
 - Bridge Deck
 - Bridge piers and abutments
 - Scouring
 - Serviceability and Functional Obsolescence
 - Essentiality for Public Use
 - Detour lengths
 - AADT
- Culverts are inspected bi-annually by KC staff
 - Culverts in poor condition inspected annually



NBIS Bridge by District



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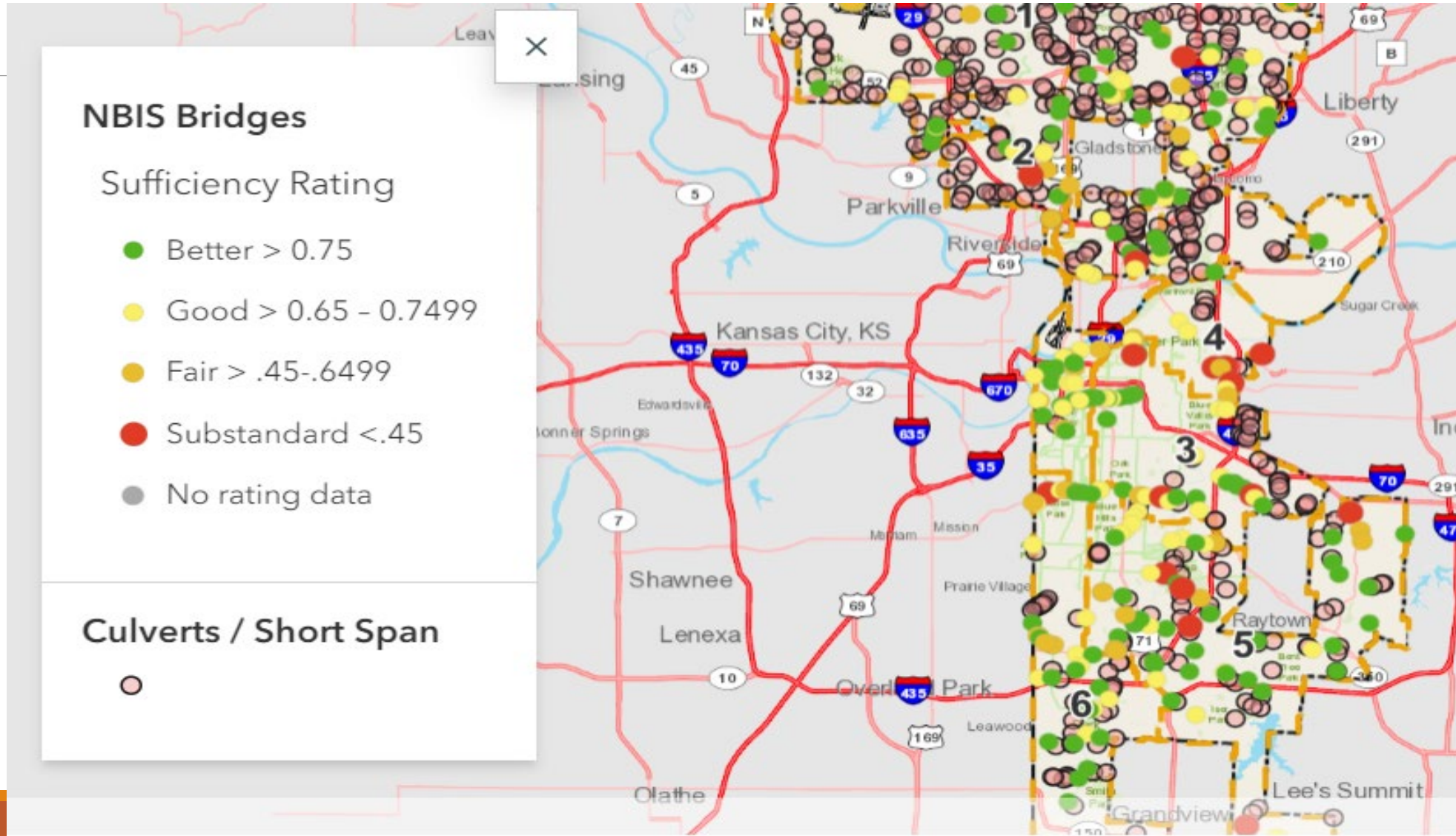


Bridge Asset Management

[Kansas City Bridges \(arcgis.com\)](http://arcgis.com)



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Bridge Investment Program (BIP)

- The program was created in the Federal Bipartisan Infrastructure Bill
 - Discretionary Program- nationally competitive Benefit Cost Analysis Required
 - Implementation Funding- project readiness is key, as well as a high score on the Benefit Cost Analysis, and bridge must be over 20 ft. long
 - 20% Local Match is required
 - Grant Submitted on March 20, 2024
 - Notice of Award anticipated in the fall of 2024
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Leveraging Funds



Bridge #	Bridge	Project Number	Cost Request for Grant	Local Funds Programmed	Notes
1	*112th Street over Fishing River	89008835	\$3,946,391	\$2,000,000	Preliminary Plans - 20%
2	*NE Pleasant Valley over Big Shoal Creek	89008254	\$2,407,098		Plans 90% complete
3	*12th Street over Big Blue River	none	\$7,999,435		10%
4	*Bellevue Avenue over Brush Creek	none	\$2,849,812		10%
5	*Roanoke Parkway over Brush Creek	none	\$4,020,468		10%
6	*Benton Boulevard over Brush Creek	89005590	\$8,162,131	\$4,000,000	In Final Design
7	*Elmwood Avenue over Brush Creek	none	\$4,856,908		10%
8	*Gregory Boulevard over Big Blue	89008587	\$14,567,761	\$9,879,339	Plans 100% complete
9	*Hillcrest Road over Small Creek	89005583	\$1,108,564	\$300,000	Plans 100% complete, large culvert
		TOTAL	\$49,918,568	\$16,179,339	
	*Cost estimates from "Bridge Cost Estimate" spreadsheets	Match Funding Required (20%)	\$9,983,714	38% GO Bond savings	
		BIP Grant Request (80%)	\$39,934,854		