

## Transportation-Bridges

Project ID	Project Name	Prioritization Rank
TR-BR-16-02	East Medical Center Drive Bridge Rehabilitation	1
TR-BR-10-01	Biennial Bridge Inspection Program	2
TR-BR-18-01	Fuller Rd/Maiden Lane Bridge Painting	3
TR-BR-18-02	Huron Parkway Bridge Repairs	4
TR-BR-21-01	Broadway and Fuller Rd Bridge Capital Maintenance	5
TR-BR-16-01	Island Drive Bridge Rehabilitation	6

**Model: Bridges**  
**Capital Improvements Plan**

PROJECT NAME: Biennial Bridge Inspection Program  
 PROJECT ID: TR-BR-10-01  
 PROJECT TYPE: Other

Prioritization Model Rank: 2  
 Prioritization Model Score: 72

**Location:**  
 Citywide

**IdentifiedNeed:**  
 Inspection and evaluation of 15 city owned bridges, and/or structures that qualify as bridges, for compliance with current state and federal requirements. This project is required to comply with federal mandates for biennial bridge inspections.

- Project Description:**
- Perform inspection on 16 bridges in the City that require federally mandated inspection (bridges over water bodies one year, bridges over land the next)
  - Complete required federal forms and prepare written reports that document, prioritize and define the work needed on each bridge.
  - Each bridge is inspected every other year.



**Source Of Need:**  
 Staff?  Outside Request?  MasterPlan?

Revenue Code	Revenue Name	Prior Year	Funding							Total
			2022	2023	2024	2025	2026	2027	Beyond	
2710	General Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2721	Act 51 Major Streets	\$1,100,000	\$95,000	\$95,000	\$95,000	\$95,000	\$95,000	\$95,000	\$95,000	\$1,670,000
<b>Total</b>		<b>\$1,100,000</b>	<b>\$95,000</b>	<b>\$95,000</b>	<b>\$95,000</b>	<b>\$95,000</b>	<b>\$95,000</b>	<b>\$95,000</b>	<b>\$95,000</b>	<b>\$1,670,000</b>

**Model: Bridges**  
 Capital Improvements Plan

PROJECT NAME: Broadway and Fuller Rd Bridge Capital Maintenance  
 PROJECT ID: TR-BR-21-01  
 PROJECT TYPE: Capital Maintenance

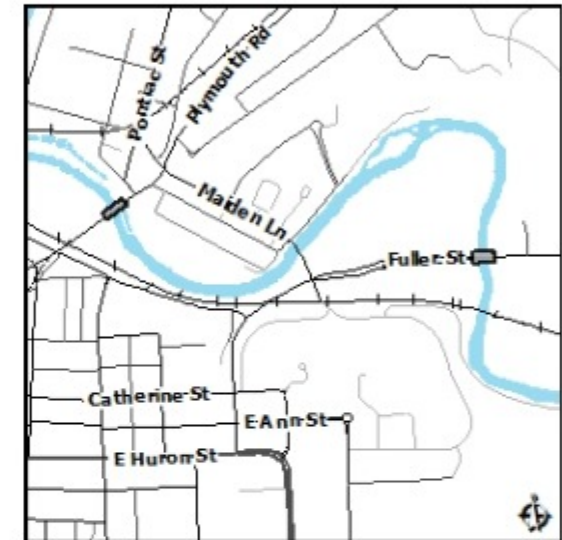
Prioritization Model Rank: 5  
 Prioritization Model Score: 61

**Location:**  
 Broadway and Fuller Rd bridges

**Identified Need:**  
 Address needed capital maintenance

**Project Description:**

- Fuller Rd: place epoxy overlay, repair guardrail, remove trees & brush, repair rip-rap, chip & patch concrete barrier.
- Broadway: place healer/sealer on bridge deck, chip & patch inner concrete barrier; perform sidewalk repair; perform select anchor bolt repair on railings, and repair rip-rap
- EGLE permit
- A small amount of work will also be done on Maiden Lane Bridge and work will be coordinated with Island Drive CPM (TR-BR-16-01)



**Source Of Need:**

Staff?  Outside Request?  MasterPlan?

Revenue Code	Revenue Name	Prior Year	Funding							Total
			2022	2023	2024	2025	2026	2027	Beyond	
2721	Act 51 Major Streets	\$660,000	\$577,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,238,000
Total		\$660,000	\$577,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,238,000

**Model: Bridges**  
 Capital Improvements Plan

PROJECT NAME: East Medical Center Drive Bridge Rehabilitation  
 PROJECT ID: TR-BR-16-02  
 PROJECT TYPE: Capital Maintenance

Prioritization Model Rank: 1  
 Prioritization Model Score: 75

**Location:**  
 East Medical Center Drive Bridge

**Identified Need:**  
 Rehabilitate aging bridge

- Project Description:**
- Repair pier two
  - Perform hydro demolition and overlay on deck
  - Remove and replace joints, and repair steel and guardrails as needed
  - Undertake zone painting at a minimum and explore painting all
  - Widen bridge as future option in conjunction with intersection work



**Source Of Need:**  
 Staff?  Outside Request?  MasterPlan?

Revenue Code	Revenue Name	Prior Year	Funding							Total
			2022	2023	2024	2025	2026	2027	Beyond	
2762	Street Millage	\$75,000	\$175,000	\$1,250,000	\$1,250,000	\$0	\$0	\$0	\$0	\$2,750,000
2336	UM Reimbursement	\$75,000	\$175,000	\$1,250,000	\$1,250,000	\$0	\$0	\$0	\$0	\$2,750,000
Total		\$150,000	\$350,000	\$2,500,000	\$2,500,000	\$0	\$0	\$0	\$0	\$5,500,000

**Model: Bridges**  
 Capital Improvements Plan

PROJECT NAME: Fuller Rd/Maiden Lane Bridge Painting  
 PROJECT ID: TR-BR-18-01  
 PROJECT TYPE: Capital Maintenance

Prioritization Model Rank: 3  
 Prioritization Model Score: 70

**Location:**  
 Fuller and Maiden Lane Bridges

**Identified Need:**  
 Re-paint bridges and perform related rehabilitation work.

**Project Description:**

- Paint bridges
- Consider coordination with Fuller Road/Maiden Lane/E. Medical Center Drive intersection work and possible need to widen



**Source Of Need:**

Staff?  Outside Request?  MasterPlan?

Revenue Code	Revenue Name	Prior Year	Funding							Total
			2022	2023	2024	2025	2026	2027	Beyond	
2762	Street Millage	\$0	\$0	\$0	\$603,000	\$1,205,000	\$0	\$0	\$0	\$1,808,000
Total		\$0	\$0	\$0	\$603,000	\$1,205,000	\$0	\$0	\$0	\$1,808,000

**Model: Bridges**  
 Capital Improvements Plan

PROJECT NAME: Huron Parkway Bridge Repairs  
 PROJECT ID: TR-BR-18-02  
 PROJECT TYPE: Capital Maintenance

Prioritization Model Rank: 4  
 Prioritization Model Score: 65

**Location:**  
 Huron Parkway Bridge over Huron River and railroad

**Identified Need:**  
 Repair bridge

**Project Description:**

- Patch concrete on piers
- Work around cliff swallow nesting season ( after August 1 construction for nesting season accommodation)
- Convey staging plans to UM



**Source Of Need:**

Staff?  Outside Request?  MasterPlan?

Revenue Code	Revenue Name	Prior Year	Funding							Total
			2022	2023	2024	2025	2026	2027	Beyond	
2762	Street Millage	\$0	\$750,000	\$0	\$0	\$0	\$0	\$0	\$0	\$750,000
Total		\$0	\$750,000	\$0	\$0	\$0	\$0	\$0	\$0	\$750,000



**Model:** Bridges  
Capital Improvements Plan

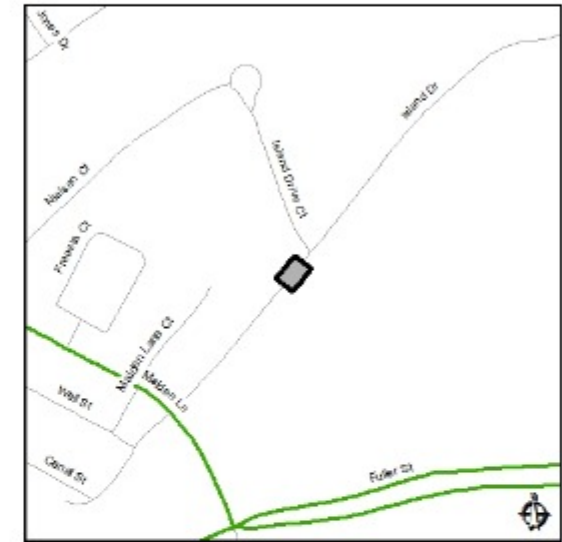
PROJECT NAME: Island Drive Bridge Rehabilitation  
 PROJECT ID: TR-BR-16-01  
 PROJECT TYPE: Capital Maintenance

Prioritization Model Rank: 6  
 Prioritization Model Score: 55

**Location:**  
 Island Drive Bridge over Traver Creek

**Identified Need:**  
 Address capital maintenance issues as identified in bridge inspection report

- Project Description:**
- Install new 6" concrete deck
  - Place rip-rap upstream and downstream as scour countermeasure
  - Perform approach work
  - Add sidewalk within project limit
  - Requires EGLE permit and review with WCWRC
  - Coordinate with TR-BR-21-01



**Source Of Need:**  
 Staff?  Outside Request?  MasterPlan?

Revenue Code	Revenue Name	Prior Year	Funding							Total
			2022	2023	2024	2025	2026	2027	Beyond	
2762	Street Millage	\$0	\$314,000	\$0	\$0	\$0	\$0	\$0	\$0	\$314,000
Total		\$0	\$314,000	\$0	\$0	\$0	\$0	\$0	\$0	\$314,000