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## 2023-2026 TIP Amendment: Howard County Bridge Repairs and Deck Replacement

February 7, 2023



# Howard County Bridge Repairs and Deck Replacement



## AMENDMENT PURPOSE

- To add projects to the 2023-2026 Transportation Improvement Program
- Existing \$18.011 million in total (\$8.826 million, federal STBG/\$9.185 million local matching)
- Add \$7.35 million (\$5.88 federal STBG/\$1.47 million local matching)
- Final number \$25.361 million in total (\$15.065 million federal STBG/\$10.296 million local matching)

# Howard County Bridge Repairs and Deck Replacement



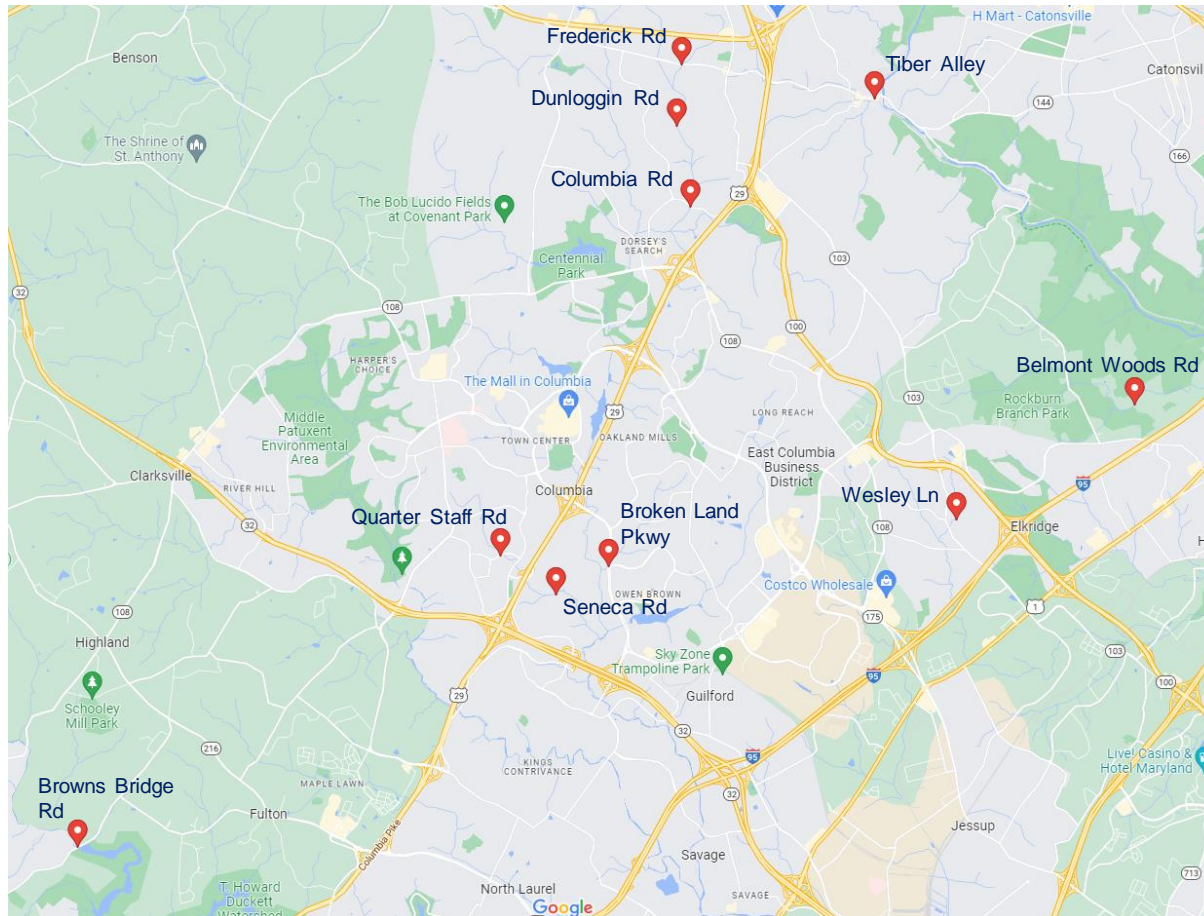
## REASON FOR AMENDMENT

- Request federal funds to address repair needs for 10 “poor” rated Howard County bridges.
- FHWA requires the structures requested for federal funds to be included under Transportation Improvement Program.

# Howard County Bridge Repairs and Deck Replacement



## Bridge Locations



# Howard County Bridge Repairs and Deck Replacement



## BRIDGE PROJECTS

1. Browns Bridge Rd over Patuxent River (H00021) – Three Span Steel Beam Bridge – Built in 1953 and Reconstructed in 1998
2. Seneca Road over Beaver Run Branch (H00060) – Single Span Prestressed Concrete Box Beam Bridge – Built in 1960
3. Dunloggin Road over Plumtree Branch (H00080) – Single span Prestressed Concrete Box Beam Bridge – Built in 1965
4. Tiber Alley over Tiber River (H00107) – Single Span Steel Beam Bridge – Built in 1935 and Reconstructed in 1984
5. Belmont Woods Rd over Rockburn Branch (H00201) – Two Span Steel Beam Bridge – Built in 1950

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## BRIDGE PROJECTS (Cont.)

6. Frederick Rd over Plumtree Branch (H00050) – Two-Cell Metal Pipe Arch Culvert – Built in 1981
7. Columbia Rd over Plumtree Branch (H00147) – Two-Cell Metal Pipe Arch Culvert – Built in 1987
8. Quarter Staff Rd over Tributary to Little Patuxent River – Three-Cell Metal Pipe Arch Culvert – Built in 1972
9. Broken Land Parkway over Tributary to Little Patuxent River (H00270) – Two-Cell Metal Pipe Arch Culvert – Built in 1972
10. Wesley Lane over Branch of Deep Run (H00278) – Four-Cell Metal Pipe Culvert – Built in 1972

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## ANTICIPATED WORK

Bridge No.	Road Name	Bridge Replace ment	Repair Bridge Deck	Repair Steel Beams	Replace Bridge Joints	Replace Steel Bearings	Cleaning and Painting Steel Beams	Repair Abutment and/or Pier, Wingwalls	Culvert Invert Paving
HO0021	Browns Bridge Rd			x	x	x	x	x	
HO0060	Seneca Rd	x							
HO0080	Dunloggin Rd	x							
HO0107	Tiber Alley		x	x			x	x	
HO0201	Belmont Woods			x	x	x	x	x	
HO0050	Frederick Rd								x
HO0147	Columbia Rd								x
HO0269	Quarter Staff Rd								x
HO0270	Broken Land Pkwy								x
HO0278	Wesley Lane								x

# For More Information

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