



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

February 28, 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



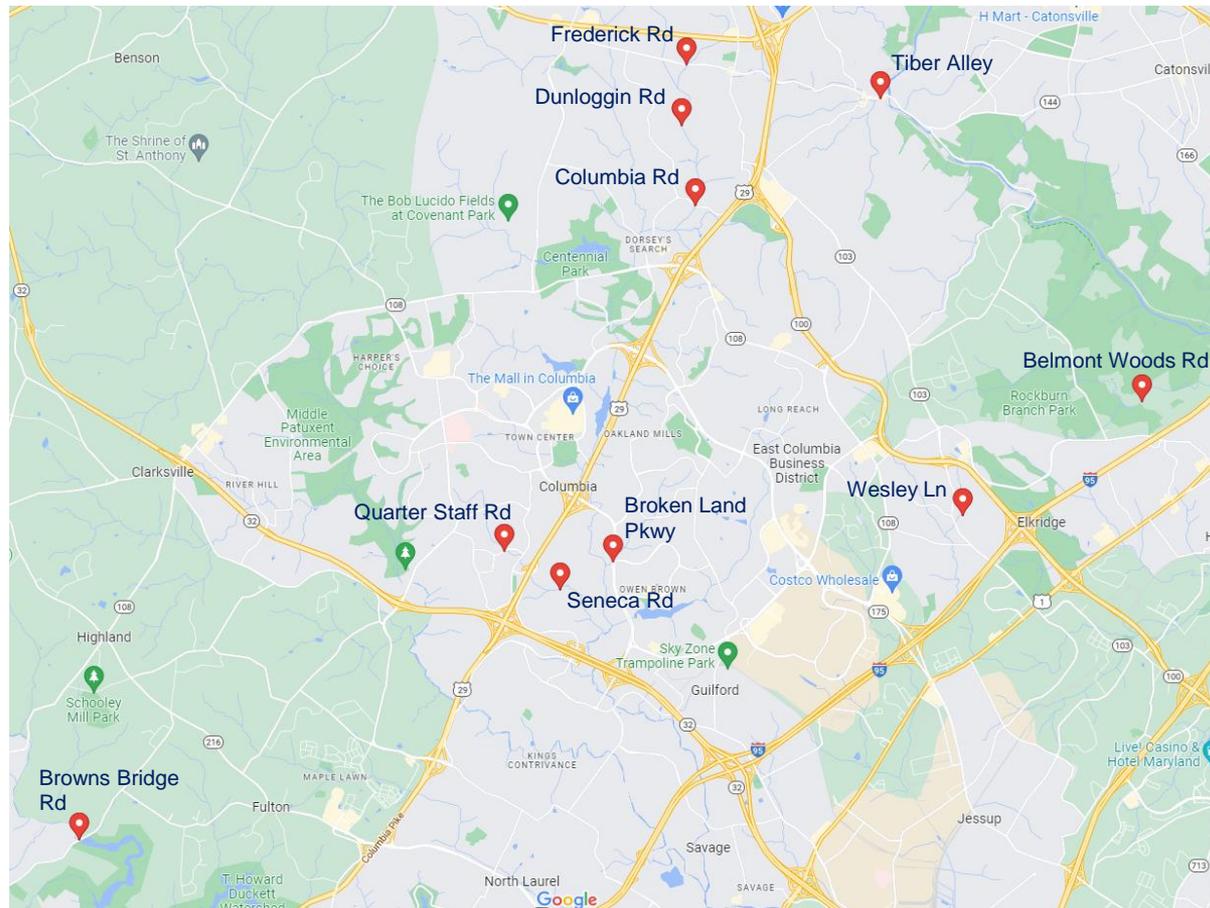
REASON FOR AMENDMENT

- 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

Howard County Bridge Repairs and Deck Replacement



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

Howard County Bridge Repairs and Deck Replacement



ANTICIPATED WORK

Bridge No.	Road Name	Bridge Replacement	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

David Cookson | Planning Manager

Howard County Office of Transportation

(410) 313 3842 | dcookson@howardcountymd.gov

OR

Prasoon Shrestha | Bridge Engineer

Howard County DPW, Bureau of Engineering

(410) 313-1879 | pshrestha@howardcountymd.gov

