

2021-2024 TIP Amendment: Howard County Bridge Repairs and Deck Replacement

January 2021







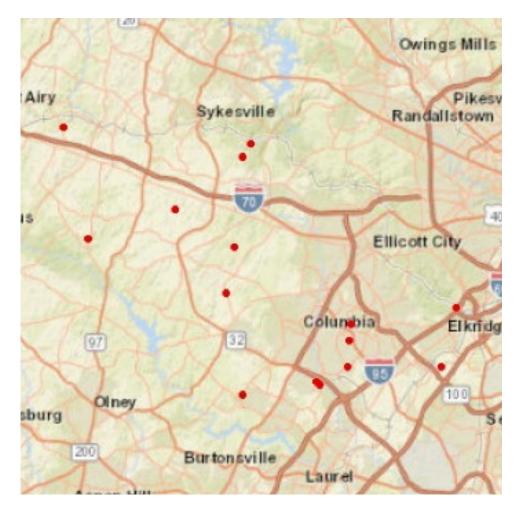
AMENDMENT PURPOSE

- To add projects to the 2021-2024 TIP
- Original \$8.96 million in total (\$3.32 million federal STBG/\$5.64 million local matching)
- Additional \$5.4 million including \$777,000 for Engineering fully paid by county (Construction -\$3.702 million federal STBG/\$925,000 local matching)
- Final number \$14.37 million in total (\$7.022 million federal STBG/\$7.341 million local matching)















REASONS FOR AMENDMENT

- Design of these additional bridges is 30% complete
- MDOT SHA will not be able to review design submittals or prepare NEPA documents until included in TIP







BRIDGE PROJECTS

- S1 Sheppard Lane over Middle Patuxent River (HO-0016) Built in 1983
- S3 Watersville Road over Hay Meadow Branch (HO-0043) Built in 1935 & Reconstructed in 1991
- S4 Henryton Road over a tributary to Patapsco River (HO-0053) Built in 1925 No info. on rehabilitation efforts
- S5 Old Montgomery Road over Lake Elkhorn Branch (HO-0055) Built in 1935 & Rehabilitated in 1982
- S6 Tamar Drive over Little Patuxent River Tributary (HO-0109) Built in 1970
- S7 Snowden River Pkwy over Robert Fulton Dr SB Lane (HO-0126) Built in 1976
- S8 Snowden River Pkwy over Robert Fulton Dr NB Lane (HO-0128) Built in 1975
- S9 Guilford Road over Middle Patuxent River (HO-0131) Built in 1982
- S10 Park Circle Drive over Deep Run (HO-0141) Built in 1990
- S11 Broken Land Pkwy over Little Patuxent River (HO-0152) Built in 1986

NOTE: S2 is Pfefferkorn Road bridge replacement project which is already in original TIP







WORK TO BE PERFORMED

Str. No.	Bridge Replacement	Cleaning & Paining Steel SS*	Replace Bridge Joints	Repair Concrete Spalls	Repave bridge approaches	FRP Wrap on beams	Replace Steel Bearings	Repair Steel Beams	Repair Concrete Deck	FRP Wrap on Columns	Repair A & WW**
S1		V	$\sqrt{}$								
S3		$\sqrt{}$	\checkmark	$\sqrt{}$	$\sqrt{}$						
S4				V		$\sqrt{}$				V	V
S5	V										
S6		V					$\sqrt{}$	√	V		V
S7		$\sqrt{}$	$\sqrt{}$				$\sqrt{}$		V		V
S8		$\sqrt{}$	$\sqrt{}$	$\sqrt{}$			$\sqrt{}$		$\sqrt{}$	$\sqrt{}$	$\sqrt{}$
S9			$\sqrt{}$		V						V
S10			V		V						
S11			V		$\sqrt{}$						

^{*} SS – Superstructure



^{**} A & WW – Abutments & Wing Walls

For More Information

David Cookson | Planning Manager

Howard County Office of Transportation

(202) 812-1300 dcookson@howardcountymd.gov

