



2021-2024 TIP Amendment: MD 173 Bridge Replacement over Rock Creek

February 2021



MD 173 Bridge Replacement over Rock Creek



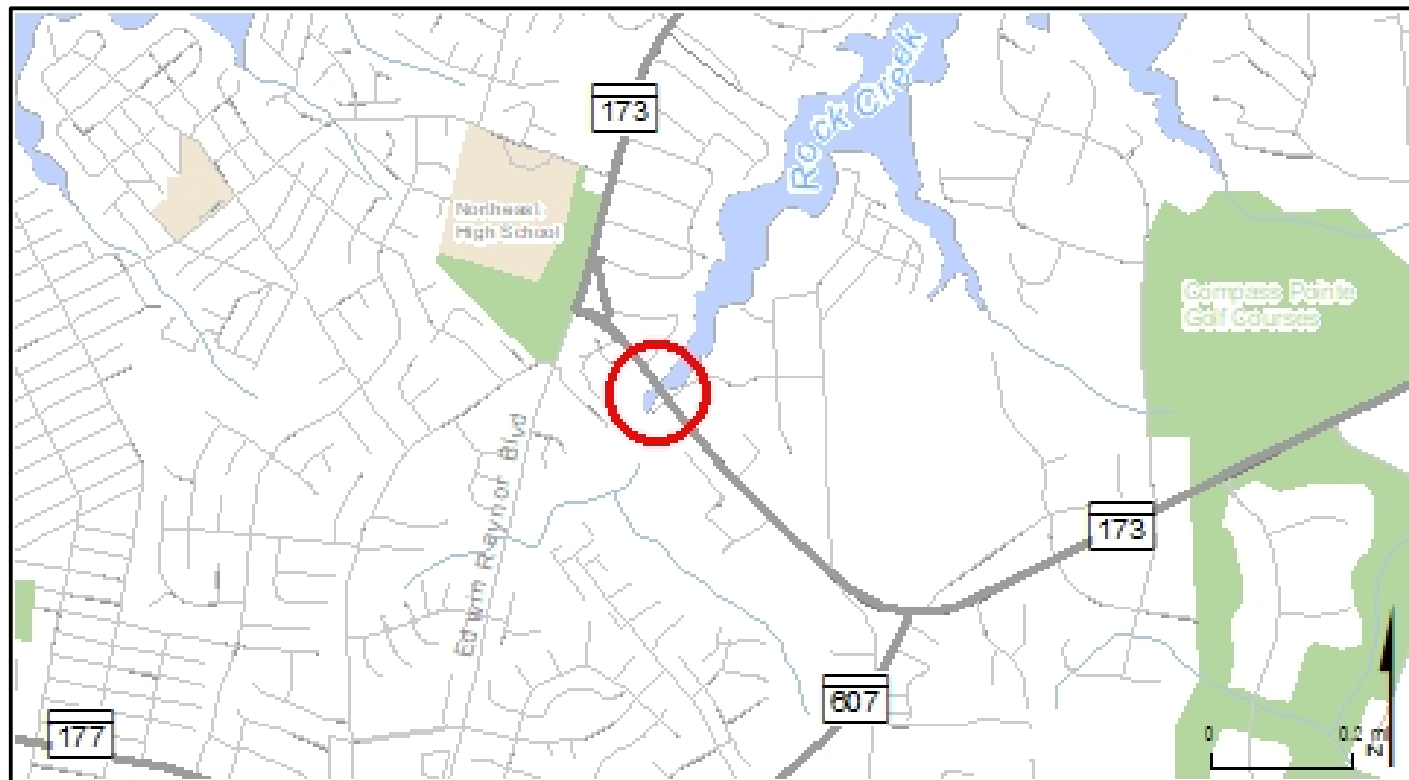
AMENDMENT PURPOSE

- **Add a new project to the FY 2021-2024 TIP**
 - Converting design phase funding to federal
 - Design started April 2015 and will extend to Dec. 2023
 - Construction is not currently funded

MD 173 Bridge Replacement over Rock Creek



LOCATION

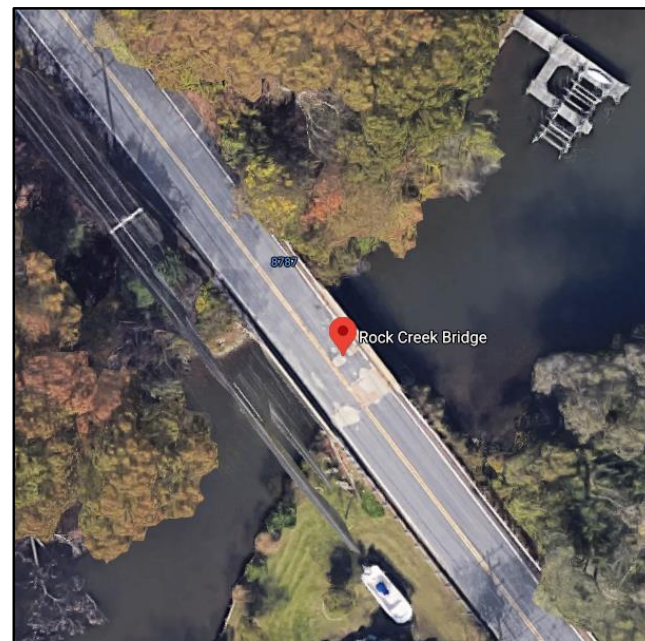


MD 173 Bridge Replacement over Rock Creek



BRIDGE ELEMENTS

- Bridge will be rated in poor condition
- Existing Typical = 26'-10":
 - 2 11.5' Travel lanes
 - 2 1'-8" Shoulders
- Proposed Typical = 32'-11":
 - 2 11' Travel lanes
 - 2 5'-5" Shoulders (bicycle compatible)
- Context Zone D (Suburban); 40 mph posted speed
- Constrained environment precluded sidewalks



MD 173 Bridge Replacement over Rock Creek



BRIDGE ELEMENTS (Cont.)



MD 173 Bridge Replacement over Rock Creek



CONSTRUCTION SCHEDULE

- Ad.: Oct. 2022
- NTP: Spring 2023
- ECD: Fall 2023

One Construction Season

TOTAL COST

Design	\$1.2M
<u>Construction</u>	<u>\$4.0M</u>
Total	\$5.2M

<i>Federal Aid</i>	<i>\$3.5M</i>
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