

PUBLIC NOTICE

The Prince George's County Department of Public Works and Transportation (DPW&T) is proposing to use federal funds to rehabilitate Bridge Number P-0160 on Bowie Road over a tributary to the Patuxent River and Bridge Number P-0161 on Bowie Road over Bear Branch in Laurel, Maryland. Recent inspections of both structures have identified numerous structural issues including delaminated concrete and spall with exposed and corroded reinforcing steel. Scaling, cracking and efflorescence are also a concern.

The Bridge Sufficiency Rating (BSR) of this bridge is 44. Per the Federal Highway Administration's (FHWA) guidelines, a bridge with a BSR of less than 50 is eligible for replacement funded by Highway Bridge Program (HBP). However, the replacement of this bridge will require the replacement of the railroad company, CSXT bridge, above Bowie Road, which would then close the CSXT rail line. In addition, a bridge replacement project would adversely impact the surrounding businesses and operations of the adjacent Laurel Volunteer Fire Department fire station, whose driveway is present on the southeast intersection of both structures. These constraints make the cost of a bridge replacement prohibitive, if not impossible. Therefore, DPW&T will be rehabilitating the bridges.

The scope of work for this project includes:

- Replacement of severely corroded steel reinforcement;
- Spall repair of the concrete slab of the culvert;
- Carbon Fiber Reinforced Polymer (CFRP) wrapping to strengthen the concrete slab;
- Concrete crack repair;
- Replacement of the existing sub-standard W-beam traffic barrier;
- Removal of the existing road pavement;
- Repaving the roadway surface with a concrete wearing surface;
- Sediment removal from the culverts and channel; and
- Construction of sidewalk with American with Disabilities Act (ADA) compliant ramps.

This construction project will occur within the public right-of-way and will not impact any of the adjacent properties. No park lands are located within the vicinity of the project area.

Total construction will be completed in approximately three (3) months. The road will be closed for about 40 days. The work will be commencing in the Summer of 2021 when schools are closed. Appropriate signage will be provided including variable message signs (VMS) that will be provided before the work is initiated and will remain in place throughout the construction.

Please contact the following DPW&T staff should you have any questions:

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