

SR 0032, Section ID2
River Road over Tributary to Delaware River
Plumstead Township, Bucks County, PA
MPMS# 116892

Project Description

BMS #: 09-0032-0500-0000

BRKEY #: 6804

County: Bucks

Municipality: Plumstead Township

Location: 1.3 miles south of the intersection of SR 32 & Point Pleasant Pike/Tohickon Hill Road

Facility Carried: SR 0032 (River Road)

Name/Feature Intersected: Tributary Delaware River

Existing Structure Type: Concrete Slab Bridge

Spans: 1

Length: 10 feet

Width: Approximately 22 feet curb-to-curb

Year Built: 1923

NR Status: Not evaluated

On September 1, 2021, the existing bridge experienced severe storm damage as a result of flooding from the remnants of hurricane Ida. The existing bridge is a 10-foot long, two lane, single-span structure with a bituminous wearing surface on concrete slab and supported on concrete abutments. This corridor of roadway is currently classified as a rural minor arterial.

Storm damage included undermining of the bridge abutments due to the existing streambed scouring out. In addition, there was roadway and embankment wash-out. Temporary repairs have been made to the roadway and the streambed, including guiderail replacement, repaving the roadway, and clearing out of the streambed in order to reopen the road.

The proposed scope of work includes:

- Existing bridge is to be replaced.
- Replacement structure will be a reinforced concrete box culvert.
- Proposed span length will be similar to existing.
- Proposed curb-to-curb width is 22 feet.
- Proposed bridge barrier will be structure mounted guiderail and painted brown.
- Minimal approach roadway work is anticipated.
- Existing horizontal alignment of River Road will be maintained.
- Changes to the existing vertical profile will be minimal.
- Utility poles will be temporarily relocated on the west side of the roadway to facilitate construction.
- Approach guiderail along River Road will be replaced and painted brown.
- Existing fence along River Road behind the guiderail will be removed and reinstalled.
- Repairs will be made to the roadway embankment.

- Debris will be removed at the bridge, from the Tributary to the Delaware Canal, and the Delaware Canal. The clay liner of the Delaware Canal will be restored to its existing condition.

PennDOT has coordinated with PADEP and DCNR.

Permanent right-of-way acquisitions and temporary construction easements will be required.

The project funding includes federal and state funds.