



## PROJECT DESCRIPTION

The project is needed in order to restore the load-carrying capacity of the bridge. The bridge was built in 1925 with subsequent rehabilitations in the 1950's and 1993.

The current deteriorated condition of the girders and floor system makes it structurally deficient and the structure's non-redundancy makes it functionally obsolete.

The Dow Road Bridge over Bidwell Creek is planned to be replaced with a new structure in order to meet current structural standards. The project's preferred alternative will be to utilize re-purposed decking available from the former Tappan Zee Bridge.

In the deconstruction of the original bridge spans, 135 concrete deck panels were removed and delivered to select local municipalities across NYS. Utilizing these materials will provide significant cost savings in rebuilding or rehabilitation infrastructure projects such as this.

## DETOUR ROUTE



### Project Location:

Dow Road Bridge spans approximately 32' of distance over Bidwell Creek in the Town of York

### Project Purpose and Objectives:

- Provide a replacement single-span structure designed for current highway loads, which will last for seventy-five years.
- Provide adequate roadway width across the bridge.
- Maintain or improve available freeboard.
- Provide a bridge able to carry the AASHTO HL-93 loading.

### Proposed Alternative:

Full replacement with new abutments and utilizing the Tappan-Zee panels.

### Roadway Width:

	Existing	Proposed
Travel Lane:	10'	10'
Shoulder:	0'	0.75'
Year Constructed:	1925	2022

### Structure Information:

Material:	Steel girder	Steel girder and concrete deck
Type:	Single span	Single span
Structure Dimensions:	30.5' length 4.68' vert	55.46' length 4.64' vert

### Right-of-Way:

No right-of-way will be needed with only minor grading expected near property lines

### Expected Environmental Classifications:

Neither proposed options are determined to have any effect on existing wetlands, endangered/threatened species (northern long-eared bat)

### Maintenance of Traffic:

An off-site detour for local through traffic will be used to allow complete closure of Dow Road (Town road) between NY Route 36 and Federal Road. The detour will utilize the following roads: Federal Road (County road), NY Route 63 (Genevieve Street), and NY Route 36 (Main Street). This detour will add roughly 1.8 miles to through traffic travel.

### Pedestrian Access:

Pedestrians and bicyclists may legally use the paved shoulder per the NYS Vehicle and Traffic Law Section 1156(b). No pedestrian-specific accommodations are warranted.

### Anticipated Schedule:

Construction Start	March 2022
Construction Complete	October 2022

### Project Cost:

Construction Cost \$800,000  
(95% Federal-aid; 15% State-aid, and 5% Livingston County-aid)