

Transportation Project Report

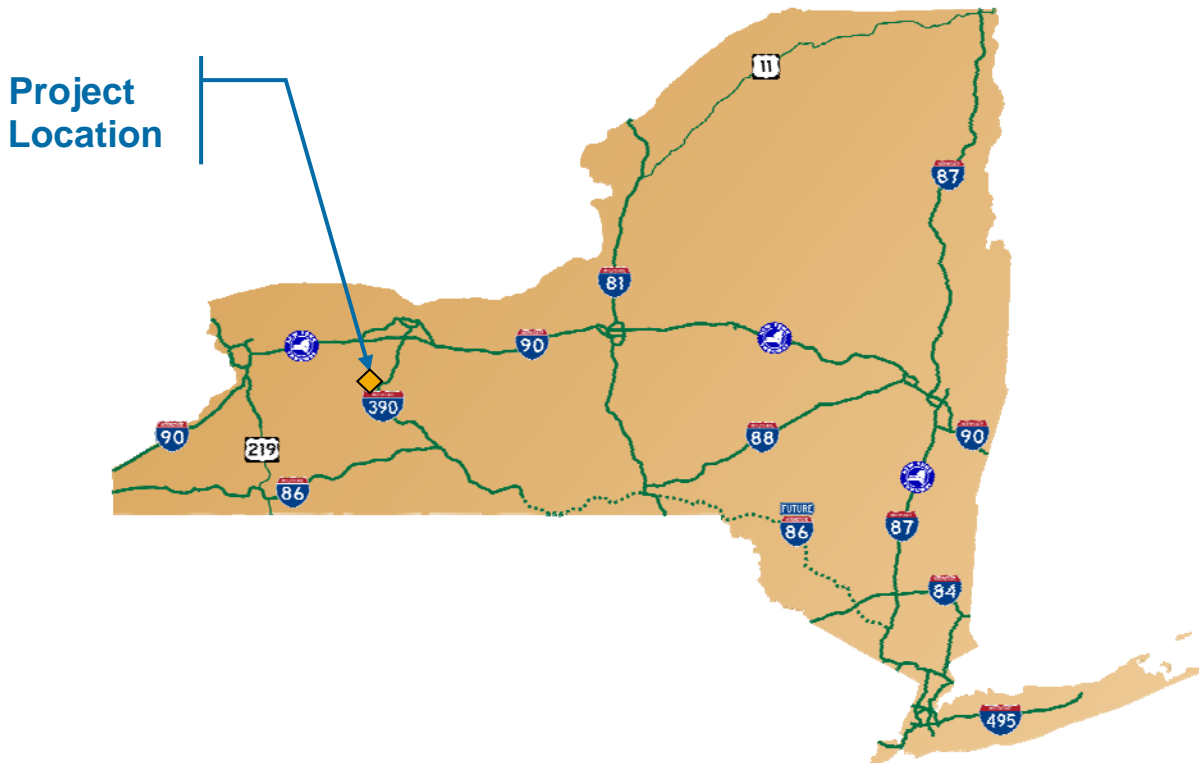
Initial Project Proposal

August 2019

Dow Road over Bidwell Creek Bridge Rehabilitation

PIN 4LV0.03

Town of York, Livingston County



ANDREW M. CUOMO
Governor

Department of
Transportation



U.S. Department of Transportation
Federal Highway Administration

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Project Approval Sheet

Milestones

Signatures

Dates

A. Recommendation for IPP Approval:

The project cost and schedule are consistent with the Regional Capital Program.

Christopher T. Reeve, PE, Regional Program Manager

Date

B. IPP Approval:

The project is ready to be added to the Regional Capital Program and project scoping or preliminary design can begin.

Kevin C. Bush, Regional Director

Date

PIN: 4LV0.03

PROJECT NAME: Dow Road over Bidwell Creek Bridge Rehabilitation

MUNICIPALITY: Town of York

COUNTY: Livingston

ROUTE/SH #: N/A

BIN: 3316270

LIMITS: Mile points: N/A **Reference Markers:** N/A

PROJECT LENGTH: N/A

FEDERAL AID SYSTEM: Non-NHS **FUNCTIONAL CLASS:** Local Road

EXISTING AADT: 166 (2014)

TRUCKS (%): 3.33%

PROJECT NEED:

Existing Characteristics of Concern	
Element	Measure/Indicator
Condition Rating	Rating= 3.885

The Dow Road Bridge was originally built in 1925 and underwent rehabilitation in the 1950s and 1993. The condition of the abutments and framing have resulted in a 19-ton load posting, inconveniencing area agriculture. Overweight vehicles are observed crossing it regularly, further reduction in load posting will disrupt a school bus route.

PROJECT ELEMENT(S) TO BE ADDRESSED:

- | | |
|---|--|
| <input type="checkbox"/> Highway Element-Specific | <input type="checkbox"/> Operational Maintenance |
| <input checked="" type="checkbox"/> Bridge Element-Specific | <input type="checkbox"/> Where & When |
| <input type="checkbox"/> Other: | |

- PRIORITY RESULTS:**
- | | | |
|--|--|-----------------------------------|
| <input checked="" type="checkbox"/> Mobility & Reliability | <input type="checkbox"/> Safety | <input type="checkbox"/> Security |
| <input type="checkbox"/> Economic Competitiveness | <input type="checkbox"/> Environmental Stewardship | |

PROJECT PURPOSE / OBJECTIVE(S): Dow Road is primarily used by either agriculture equipment, or traffic in support of agricultural activities. Further posting or closure would hamper these activities, removing the load posting will create a shorter route for the heavier equipment that is needed for these businesses.

DESCRIPTION OF PROPOSED WORK: The preferred alternative is to be determined during scoping. At least three options will be explored, depending on engineer’s findings regarding condition of existing abutments: superstructure replacement, substructure replacement with conventional superstructure, substructure replacement using Tappan Zee Panels. The proposed bridge will maintain a similar width to the existing, as the underpass is the limiting factor in the area. The rail system will be updated as well.

PROJECTED ENVIRONMENTAL PROCESS:

SEQRA Type: Exempt
 Type II
 Non-Type II EA or EIS

NEPA Class: Class II – Categorical Exclusion (CE)
 Class III – EA
 Class I – EIS
 N/A – Project is 100% State funded

ATTACHMENTS:

The following Checklist(s) will be completed during preliminary design:

- Federal Environmental Approvals Worksheet (FEAW)
- Social, Economic and Environmental Resources Checklist
- Capital Projects Complete Streets Checklist
- Smart Growth Checklist

NOTES ON SPECIAL CIRCUMSTANCES: Scoping, design, and construction are to be administered by the Livingston County Highway Department. The sponsor's project manager is Don Higgins (585-243-6700).

SPECIAL TECHNICAL ACTIVITIES REQUIRED: A State-Local agreement will be required to allow for reimbursement of sponsor expenditures consistent with the applicable Federal Aid Program. A safety screening will be conducted during preliminary engineering.

PLANNED PUBLIC INVOLVEMENT: A Public Involvement Plan indicating how the public will be made aware of the construction activities will be prepared during preliminary design.

WORKZONE SAFETY & MOBILITY:

The Region has determined that this project is not significant per 23 CFR 630.1010. A Transportation Management Plan (TMP) will be prepared for the project consistent with 23 CFR 630.1012. The TMP will consist of a Temporary Traffic Control (TTC) plan. Transportation Operations (TO) and Public Information (PI) components of a TMP will be considered during final design.

FUNDING SOURCE: 100% State Federal

MPO INVOLVEMENT: No Yes
 TIP Name: Dow Rd over Bidwell Creek Bridge
 TIP No.: B20-04-LV2

TIP AMENDMENT REQUIRED: No Yes; Needed by:

STIP STATUS: On STIP Not on STIP

PROBABLE SCHEDULE AND COST: Scoping and Preliminary Design will begin in September of 2019. Detailed Design is scheduled to begin in April 2020. PS&E will occur in November 2020 for a bid opening in February 2021. The contract award would be in April 2021 with construction completed by November of 2021. The estimated construction cost is \$788,000.

DESIRED LETTING: 2/2021

DESIRED CONSTRUCTION COMPLETION: 11/2021

SCHEDULE ISSUES:

- Public Meeting
- Permits
- Other – Identify e.g., utilities, endangered species (ESA)
- 4(f)/106 FHWA sign-off
- Consultant(s) for: PE and CI

Schedule and Cost				
Project Phase	Activity Duration	Estimated Cost	Fund Source	Obligation Date
Scoping	2 Months	\$0.017	STP-OSB	09/2019
Design I-IV	5 Months	\$0.113	STP-OSB	09/2019
Design V-VI	7 Months	\$0.113	STP-OSB	04/2020
ROWi		\$0.006	STP-OSB	09/2019
ROWa				
Construction	12 Months	\$0.788	STP-OSB	11/2020
Construction Inspection	12 Months	\$0.090	STP-OSB	11/2020
TOTAL ESTIMATED COST		\$1.127 M		

BASIS OF ESTIMATE: TIP Application

PROGRAM DISPOSITION: Scheduled for letting in SFY 2021

STATEWIDE SIGNIFICANCE: No Remarks:

ASSET MANAGEMENT (OPTIONAL): Applies Not Applicable

PUBLIC FRIENDLY DESCRIPTION OF PROJECT: This project will rehabilitate the bridge on Dow Road over Bidwell Creek in the Town of York, Livingston County.

PROJECT MANAGER/JOB MANAGER: Frank DiCostanzo
FUNCTIONAL AREA(S): Local Projects Unit
PHONE(S): (585) 272-3752

IPP PREPARED BY: Lora Leon

DATE: 07/24/2019

