

PROJECT NO. 158-0211
FEDERAL AID PROJECT NUMBER: CN 0015(134)
MERRITT PARKWAY (ROUTE 15) SAFETY IMPROVEMENTS,
RESURFACING, ENHANCEMENTS AND BRIDGE IMPROVEMENTS
TOWN OF WESTPORT & TOWN OF FAIRFIELD

Construction Funds: 80% Federal 20% State

DESIGN REPORT

TOWNS: Westport & Fairfield

ROAD: Route 15 (Merritt Parkway)

DISTRICT NO.: III

FINAL MAINTENANCE RESPONSIBILITY: State

PROJECT LOCATION: Project 158-0211 involves resurfacing of the Merritt Parkway (Route 15) in both directions as well as various safety improvements from Newtown Turnpike in Westport (log mile 20.24) to approximately 130 feet south of Congress Street in Fairfield (log mile 25.19) for a total length of 4.95 miles. This project abuts the completed State Project Nos. 050-0204 and 144-0180 in Fairfield and Trumbull.

PROJECT DESCRIPTION: Project 158-0211 involves resurfacing Route 15 in both directions as well as providing various safety improvements and aesthetic enhancements. All work would conform to the “Merritt Parkway Guidelines for General Maintenance and Transportation Improvements” recommendations, prepared by the Merritt Parkway Working Group in June 1994. Project 158-0211 also involves the rehabilitation of the existing landscaping by removing invasive species, preserving existing plantings, and adding additional plantings in accordance with the “Merritt Parkway Landscape Master Plan” dated October 1994. In addition, projects 158-0211 & 158-0207 rehabilitate and restore historic bridge structures in accordance with the “Merritt Parkway Bridge Restoration Guide” dated May 2002.

Roadway improvements include the following: widening the existing shoulders to 8-feet (4-foot paved shoulder and 4-foot reinforced grass shoulder); replacing the existing variety of guiderail with Merritt Parkway Guide Rail (steel backed timber railing); correcting existing cross slopes of the roadway to meet standards; removing rock ledges and other fixed objects within the recommended clear zone or protecting it with Merritt Parkway Guide Rail or Merritt Parkway Concrete Barrier; installing a slip lined concrete curb and gutter system along the median for drainage and delineation purposes; limited full-depth pavement replacement under bridges and patching of other deteriorated areas; resurfacing of the roadway; installing new drainage; installing Merritt Parkway Median Barrier in areas where the width of the roadway is limited.

Bridge work under project 158-0211 will require minor cosmetic work (various parapet work, graffiti removal, surface and crack repairs to concrete, fencing, overlay, etc). Some bridges may require major work including removing the material on top of the bridge to expose the concrete

arch or frame; repairing any deteriorated sections; applying a waterproofing membrane; re-establishing the roadway to its original profile; performing any necessary underside repairs; and finally cleaning the bridge. Bridge plans, specifications, and estimates will be prepared by the Office of Bridge Design.

Within the project limits is State Project No. 158-0207, which includes rehabilitation work such as structural steel repairs; cleaning and painting the entire bridge; performing concrete repairs at piers and abutments; deck patching and waterproofing; joint replacement; historic parapet replacement; topside roadway work consistent with the proposed improvements under project 158-0211. This work is proposed to be completed by others.

RIGHTS OF WAY: None

UTILITIES: Overhead and underground utility relocations are anticipated during construction of this project 158-0211. These relocations are required in conjunction with proposed bridge repairs.

REIMBURSABLE AGREEMENTS: All temporary and permanent utility relocations within the project limits are eligible for 100% reimbursement.

SALVAGE: None

PERMITS: Flood Management General Certification, Stormwater Discharge Permit, IW General Permit, ACOE Cat 1 Permit

COMMITMENTS: None

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