

**Proposed Scope of Work**  
**Route I-195 Resurfacing and Related Work**  
**Rehoboth, Seekonk, and Swansea**  
**Bristol County, MA**

**Project Location:** The proposed project begins in the Town of Seekonk at the Rhode Island state line (Station 0+00) and proceeds easterly to Station 45+87.07 metric (Sta. 150+49.41 english) = Station 0+00 at the Rehoboth town line. The proposed project then runs easterly in Rehoboth to Station 22+22.48 metric (Sta. 72+91.57 english) = Station 0+00 at the Swansea town line. The proposed project continues easterly and terminates at Station 83+67.58 metric (Sta. 274+52.65 english) at the Somerset town line. The total length of the proposed project is 15.18 kilometers (9.43 miles).

Please see the attached U.S.G.S. locus maps.

**Project Description:** The proposed work involves cold planing, resurfacing and related items necessary to rehabilitate I-195 in the Towns of Rehoboth, Seekonk, and Swansea. No roadway widening is proposed. All work will be done within the existing State Highway Layout. Several Best Management Practices (B.M.P.'s) will be incorporated into the existing drainage system. These B.M.P's include the elimination of direct discharges to surface waters, the relocation of outlets away from wetlands, and the installation of flared ends with energy dissipating stone pads at these drainage outlets to reduce outflow velocity, prevent erosion, and provide for low flow infiltration. No work is proposed within any wetland resource areas. Some work will, of necessity, be done within the buffer zone at some locations, but hay bales and/or silt fence will be placed as directed by the Conservation Commission to eliminate erosion and prevent sediments or other materials from entering the resource areas. An Environmental Notification Form (E.N.F.) is not required for this proposed project since no Massachusetts Environmental Policy Act (M.E.P.A.) thresholds will be approached by any of the proposed work.

Specifically, the proposed work items include:

- Installation of work area safety signing.
- Installation of hay bales and/or silt fence in or near buffer zones to prevent sediments or other materials from entering resource areas.
- Clearing and grubbing as necessary.
- Cleaning, adjustment, rebuilding or replacement of existing drainage structures as required.
- Excavation of paved waterways and placing of plantable soil borrow and seed.
- Installation of additional catch basins with upland outlets to replace directly discharging paved waterways.
- Abandonment in place of some existing drainage outlets near wetland resource areas.

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- Relocation of these drainage outlets away from wetland resource areas, and the installation of flared ends with energy dissipating stone pads to reduce outflow velocity, prevent erosion, and provide for low flow infiltration.
- Excavation of bituminous concrete by cold planer of both the eastbound and westbound roadways.
- Removal and resetting of the existing granite curb, curb inlets, and sloped edging.
- Installation and replacement of modified bituminous concrete berm as required.
- Resurfacing of both I-195 roadways with a binder course of bituminous concrete pavement; a dense binder course of bituminous concrete pavement; and a top course of bituminous concrete pavement, open graded.
- Removal and stacking of old guardrail.
- Upgrading of existing guardrail and guardrail ends to current standards.
- Placement of plantable soil borrow and seeding or dense graded crushed stone as needed to refurbish and stabilize shoulders.
- Placement of pavement millings mulch on shoulders under all guardrail sections.
- Application of thermoplastic pavement markings and installation of raised reflectorized pavement markers.
- Other incidental work necessary to complete the proposed project.

Proposed bridge work includes:

Rehabilitation of overpass bridges including Route 114A over I-195 and Anthony Street over I-195 in the Town of Seekonk; Barney Avenue over I-195 and Mason Street over I-195 in the Town of Rehoboth; and Vinnicum Road over I-195, Maple Street over I-195, Route 6 over I-195, and Gardners Neck Road over I-195 in the Town of Swansea.

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The following work will be done on these bridges:

- Remove nuisance vegetation within close proximity to the bridge.
- Clean and paint structural steel.
- Install asphaltic plug joints in roadway.
- Remove and replace deteriorated concrete and reinforcing steel in pier caps and diaphragm encasements.
- Repair miscellaneous cracks and spall.
- Epoxy coat sidewalks, copings, pier caps, and columns.
- Repair sidewalk settlements at approaches to bridges.
- Cold plane bituminous concrete from deck and repave with new bituminous concrete overlay.
- Cold plane and resurface approaches to the bridges to the limits of the State Highway Layout.

Bridges carrying I-195 over the Palmer River in Rehoboth and the Coles River in Swansea will also be rehabilitated by performing the following work:

- Remove nuisance vegetation in close proximity to bridge.
- Reset rip rap at top of slopes adjacent to bridge.
- Place protective shielding where required.
- Clean and paint structural steel.
- Remove existing coping and replace with new coping.
- Repair spall and cracks in concrete surfaces.
- Cold plane bituminous concrete from deck and repave with new bituminous concrete.
- Install new asphaltic plug roadway joints.