

**2014.01
Pavement Rehabilitation and
Bridge Deck Resurfacing (MM23.3 – 30.3)
Project Update
May 15, 2014**



Mousam River

Contractor: Pike Industries, Westbrook, ME

Bid Amount: \$6,628,302.66

Percent Complete last approved pay estimate: 7%

Project Schedule: September 19, 2014

Project Scope: The pavement rehabilitation work consists of milling and filling the three 12-foot wide lanes in Locations 1 and 2. Locations 3 and 4 involve repairs to the Mousam and Kennebunk River bridges. The work also involves drainage, pavement markings, clear zone improvements including guardrail modifications, maintenance of traffic and all other work incidental thereto in accordance with the Plans and Specifications.

The General Limits of work are as follows:

Location 1: 7 Miles of northbound travel lanes commencing at Mile 23.3 (Sta. 1098+00) in the Town of Kennebunk and extending northerly to Mile 30.3 (Sta. 1463+50) in the Town of Arundel;

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Location 2: 7 Miles of southbound travel lanes commencing at Mile 30.3 (Sta. 1463+50) in the Town of Arundel and extending southerly to Mile 23.3 (Sta. 1098+00) in the Town of Kennebunk.

Location 3: Mousam River Bridge Repairs at Mile Marker 25.0 (Sta. 1183+30.00).

Location 4: Kennebunk River Bridge Repairs at Mile Marker 27.2 (Sta. 1303+07.00).

Contractor Schedule: Pike Industries completed the bridge repair work a couple of weeks early. They will begin milling operations after the Memorial weekend, this work will be completed at night. Paving operations will begin mid-June.

The contract was bid with an alternative to pave Hot Mix Asphalt using crumb rubber or Polymer HMA. The cost of the crumb rubber was above the program estimate so the Polymer was selected. The crumb rubber called for milling out 1.75 inches of pavement. It was decided to mill 2 inches and lay a .5 inch shim with a 1.5 inch polymer 12.5 mm surface. There is an increase to the contract of \$366,700 but staff expects a better ride and fewer reflective cracks.