



DAILY FIELD OBSERVATION REPORT

Project: Route 1 Roadway Improvements
Client: Town of Cumberland
GP Field Rep: Benjamin Grondin (BG), Drew Gagnon (DG)
Weather: Sunny
Time onsite: 5:00 am – 9:15 pm (BG & DG)

GPCEI Project No: 1636.83
Visit Date: June 12, 2017
Report Date: June 14, 2017
Temp. Range: 73-93°F

Shaw Brother's Crew:

Personnel – 1 – Paving Supervisor (Andrew), 15 man crew, 23 flaggers (Sub)
Equipment – 1 – Volvo PT2HDR Rubber Tire roller, (2) CAT CB54 10-ton roller, CAT 242D
Skid Steer with power sweeper attachment, HAMM HD120 15-ton roller, (2) CAT AP1000E
Paver, Tack truck

Distribution: File, Bill Shane, Chris Bolduc

Work in Progress

- Shaw Brother's paving 0.75" overlay on entire length of Route 1 in the Town of Cumberland.

Discussions/Observation

- Crew arrived onsite at 5:30 AM to mark out paving widths. At 6:00 AM, the Southbound (SB) lane was closed from Yarmouth/Cumberland Town line to approximately 4000 ft south of Yarmouth/Cumberland town line with flaggers maintaining traffic. A lane closure of approximately 4000 ft was used during paving, and two way traffic was maintained along the remaining portions of Route 1. Lanes were reopened to traffic after HMA placement when acceptable cooling had occurred.
- Crew cleaned and tacked existing pavement prior to placing 9.5mm HMA in the SB travel lane and shoulder.
- Crew used tandem paving machines to place 0.75" of 9.5mm HMA in travel lane and shoulder.
- 9.5mm HMA was compacted with 10-ton, rubber tire, and 15-ton roller.
- Crew finished placing 9.5mm HMA in SB travel lane and shoulder (to Falmouth Town Line) at approximately 2:30 PM and moved equipment and lane closures to Northbound (NB) lane.
- Crew cleaned and tacked existing pavement prior to placing 9.5mm HMA in the NB travel lane and shoulder.
- Crew used tandem paving machines to place 9.5mm HMA in travel lane and shoulder.
- 9.5mm HMA was compacted with 10-ton, rubber tire, and 15-ton roller.
- Crew finished placing 9.5mm HMA in NB travel lane and shoulder at approximately 8:45 PM.
- Complete two way traffic on Route 1 within the Town of Cumberland was obtained at approximately 9:15 PM.
- Approximately 3433 tons of 9.5mm HMA was placed.
- Temperature of all loads of pavement placed were within acceptable range (275-325° F).
- Crew did not place pavement in any driveway/roadway aprons. The right turn lane for Thomas Dr was not placed on June 12th. Crews are expected on site Wednesday (6/14) to pave driveway aprons.
- Temporary Overlay Markers (Tom's) were placed at the existing centerline for the entire length of roadway.

Schedule of Work

- Driveway/roadway apron paving to occur 6/14.

Visitors on Site

- None observed.

Concerns/Questions

- None at this time.

Follow up Required

- None at this time.

Prepared By: Drew Gagnon, EI

Reviewed By: Doug Reynolds, PE

If there are any discrepancies, please notify the sender immediately.



Placing 0.75" of 9.5mm HMA. Tack placed on roadway prior to pavement



Compacting overlay with roller.



SB lane overlay complete south of Thomas Dr. NB lane opened for alternating one way traffic.



Tamden Paving on SB lane on Route 1



Compacting overlay in NB lane near Casco Bay Dr



Completed overlay placed on Route 1 near Chelsea Way.