



DAILY FIELD OBSERVATION REPORT

Project: Route 1 Roadway Improvements

Client: Town of Cumberland

GP Field Rep: Benjamin Grondin (BG),

Weather: Sunny

Time onsite: 9:00 am – 11:00 am, 3:00 pm – 9:15 pm (BG)

GPCEI Project No: 1636.83

Visit Date: June 15, 2017

Report Date: June 16, 2017

Temp. Range: 70-80°F

Shaw Brothers Crew 1:

Personnel – 1 Supervisor (Josh Fairweather), 5 man crew

Equipment – rubber tire excavator

Shaw Brother's Crew 2:

Personnel – 1 – Paving Supervisor (Andrew), 10 man crew, 5 flaggers (Sub)

Equipment – 1 – Leeboy 8510D Paver, HAMM 5 ton vibratory roller, wacker neuson RD12 1 ton vibratory roller, Tack truck

J. Parsons Paving:

Personnel – 1 – Forman (John), 6 man crew

Equipment – Ingersoll Rand DD24 5 ton vibratory roller

Distribution: File, Bill Shane, Chris Bolduc

Work in Progress

- Shaw Brothers crew 1 continuing layout for striping and placing loam in shoulders at north end of Route 1.
- Shaw Brother's Crew 2 paving Northbound shoulder near Thomas Drive and Thomas Drive apron.
- J. Parsons Paving continuing to pave driveway aprons on Route 1 and construct berm under guardrail in south bound lane near Yarmouth town line

Discussions/Observation

- BG arrived onsite at approximately 9:00 AM to observe J. Parsons Paving continue to pave driveway and roadway aprons on Route 1. J. Parsons Paving was not onsite at this time. BG observed Shaw Brothers continue layout for striping and placing loam in side slopes at northern end of Route 1.
- BG left the site at 11 AM since J. Parsons Paving had not arrived to the site.

J. Parsons Paving Crew

- BG returned to the site at approximately 3:00 PM. It appeared J. Parsons Paving had completed all driveway aprons up to the Tuttle Road Ramp.
- Crew was able to work within the shoulder of Route 1 allowing for 2 way traffic. 2 flaggers stayed with crew with "SLOW" signs facing traffic.
- BG observed J. Parsons Paving placing 9.5mm mix in the Powell Road, Lusinda's, Norton, and Chebeague Satilite Lot aprons. J. Parsons Paving also constructed a 2-3" 9.5mm HMA berm under the guardrail on the southbound lane in the superelevated area between Chebeague Satilite Lot and Yarmouth Town Line.
- 9.5mm HMA was placed in driveway and roadway aprons such that 1 lane was open at all times to allow passable traffic.

- Temperature of all loads of pavement checked by BG generally conformed to the MDOT Standard Specification range (275-325° F).
- Crew cleaned and tacked all existing pavement prior to hand placing 9.5mm HMA
- 9.5mm HMA was compacted with a plate wacker and 5 ton vibratory roller. The berm between Chebeague Satellite Lot and Yarmouth town line was compacted with a hand tamp only due to the confined space.
- J. Parsons Paving complete apron work at approximately 6:30 Pm and left the site. Approximately 45 ton was on 6/15/17 for driveway and roadway aprons.

Shaw Brothers Paving Crew

- Shaw Brother's paving crew arrived to the site at approximately 5:15 PM and begun layout for paving.
- Cones were played in roadway to allow for 2 way traffic maintained by flaggers
- Crew had to saw cut around a valve box to allow it to be raised to approximately surface grade.
- Existing pavement was cleaned and tacked prior to placing 9.5mm HMA.
- Crew began hand placing 9.5mm HMA in northbound shoulder in areas paver could not reach.
- Crew used tandem paving machines to place 9.5mm HMA in travel lane and shoulder.
- Crew used paver machine to place 9.5mm HMA in the wider shoulder area and on the apron for Thomas Drive.
- 9.5mm HMA was compacted with a 5 – and 1 – ton vibratory roller.
- Temperature of all loads of pavement checked by BG generally conformed to the MDOT Standard Specification range (275-325° F).
- 9.5mm HMA was placed such that 1 lane was open at all times to Thomas Drive to allow passable traffic.
- Crew finished placing 9.5mm HMA in NB shoulder and Thomas Drive at approximately 8:45 PM.
- Crew finished compacting pavement and clean up and traffic was returned to normal at approximately 9:15 PM.
- Approximately 36.68 tons of 9.5mm HMA was placed.

Schedule of Work

- Shaw Brothers to notify Gorrill Palmer when stripping will occur.

Visitors on Site

- None observed.

Concerns/Questions

- None at this time.

Follow up Required

- None at this time.

Prepared By: Ben Grondin, EI

Reviewed By: Doug Reynolds, PE

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



Photo 1 – Layout for striping near Chebeague Satellite Lot



Photo 2 – Shaw Brothers Paving crew doing paving layout on Thomas Drive.



Photo 3 – 2”–3” berm constructed under guardrail.



Photo 4 – Shaw Brothers placing 9.5mm HMA in northbound shoulder



Photo 5 – Compacting 9.5mm HMA in northbound shoulder with 5 ton vibratory roller.