



**GORRILL
PALMER**

DAILY FIELD OBSERVATION REPORT

Project: Route 1 Roadway Improvements

Client: Town of Cumberland

GP Field Rep: Benjamin Grondin (BG), David Vitali (DV)

Weather: Sunny

Time onsite: 11:45 am –7:30 pm (BG), 10:15 am –2:50 pm (DV)

GPCEI Project No: 1636.83

Visit Date: June 8, 2017

Report Date: June 9, 2017

Temp. Range: 70-80°F

Shaw Brother's Crew:

Personnel – 1 – Paving Supervisor (Andrew), 7 man crew, 5 flaggers (Sub)

Equipment – 1 – Volvo PT2HDR Rubber Tire roller, CAT CB54 10-ton roller, CAT 242D Skid

Steer with power sweeper attachment, HAMM HD120 15-ton roller, CAT API000E Paver,

Tack truck

Distribution: File, Bill Shane, Chris Bolduc

Work in Progress

- Shaw Brother's paving Tuttle Road Ramp and shoulders on Route 1.

Discussions/Observation

- BG observed some erosion at +/- sta. 96+50 RT at corner of Tuttle Road Ramp and Route 1.
- Tuttle Road Ramp closed to all traffic at 11:30 AM.
- Crew did layout for paving then begun removing temporary ramps at approximately 12:30 PM. The existing pavement was cleaned and tacked prior to Shaw Brothers placing 12.5mm HMA.
- Crew began placing 12.5mm HMA on Tuttle Road Ramp at approximately 1:45 PM with paving machine. Ambient air at start of paving was measured to be approximately 78°F.
- 12.5mm HMA was compacted with 10-ton, rubber tire, and 15-ton roller. A plate wacker was used to compact edges at butt joints and near the guard rail prior to the rollers.
- Tuttle Road ramp was finished at approximately 4:50 PM and was re-opened to traffic at approximately 5:00 PM.
- Approximately 200 ton of 12.5 HMA was used on Tuttle Road ramp.
- Northbound (NB) lane on Route 1 was closed at approximately 5:00PM from +/- sta. 110+20 to +/- sta. 120+30 with flaggers maintaining traffic.
- NB shoulder area was cleaned and tacked prior to placing 12.5mm HMA.
- Crew used paving machine to place 12.5mm HMA in shoulder area on Route 1 from +/- sta. 110+50 to +/- sta. 120+00.
- Crew finished paving shoulder area at approximately 7:10 PM.
- NB lane was re-opened and traffic returned to normal at approximately 7:20 PM.
- All loads of 12.5mm HMA checked by BG generally conformed to the MDOT temperature specification range (275°F - 325°F).

Schedule of Work

- Surface pavement on Route 1 to occur on 6/12/17.

Visitors on Site

- None observed.

Concerns/Questions

- None at this time.

Follow up Required

- None at this time.

Prepared By: Benjamin Grondin, EI

Reviewed By: Doug Reynolds, PE

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



Photo 1 – Erosion at corner of Tuttle Road ramp and Route 1.



Photo 2 – Crew cleaning existing pavement after removing temporary ramp.



Photo 3 – Existing pavement tacked on Tuttle Road.



Photo 4 – Crew checking cross slopes in shoulder area of NB lane.