



**GORRILL  
PALMER**

## **DAILY FIELD OBSERVATION REPORT**

Project: Route 1 Roadway Improvements  
Client: Town of Cumberland  
GP Field Rep: Benjamin Grondin (BG)  
Weather: Cloudy / Some Rain  
Time onsite: 6:00 am – 3:45 pm (BG)

GPCEI Project No: 1636.83  
Visit Date: June 9, 2017  
Report Date: June 9, 2017  
Temp. Range: 55-75°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

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### **Work in Progress**

- Shaw Brother's paving Shoulders on Route 1, Powell Road, and Ledge Road drag shims.

### **Discussions/Observation**

- BG arrived onsite at 6:00 am. Crew had set up traffic control at this time. Northbound (NB) lane was closed from +/- sta. 130+00 to approximately the Yarmouth Town Line with flaggers maintaining traffic.
- Crew cleaned and tacked existing pavement prior to placing 12.5mm HMA in the NB shoulder.
- Crew used paving machine to place 12.5mm HMA in shoulder area on Route 1 from +/- sta. 131+50 to +/- sta. 144+00.
- 12.5mm HMA was compacted with 10-ton, rubber tire, and 15-ton roller.
- Crew finished placing 12.5mm HMA in NB shoulder at approximately 10:30 AM and moved to Powell Road. Due to the rollers and moving barrels, NB lane was not re-opened until approximately 11:30 AM.
- NB shoulder from sta. 131+50 to sta. 144+00 used approximately 223 ton.
- BG confirmed with Andrew that Public Services was called and notified of the closing of Powell Road for paving.
- Crew began shimming Powell road at approximately 11:45 AM with 9.5mm HMA.
- Existing pavement was cleaned and tacked prior to shimming Powell Road.
- 9.5mm HMA shim on Powell Road was compacted with a 10 ton roller only.
- Weather turned to light rain at approximately 12:45 PM. There was no standing water in the roadway and crew continued to shim Powell Road.
- Shim on Powell road ends approximately 150 feet before Route 88 intersection due to good pavement condition.
- Crew completed shim on Powell Road at approximately 1:45 PM and Powell Road was re-opened to traffic.
- Approximately 166 ton was used on Powell Road

- Weather turned to a more steady rain for a brief period of time before turning to light rain again as crew moved to Ledge Road. Ledge Road appeared to be damp but did not have any puddles. Crew proceeded to shim Ledge Road.
- One lane closed on Ledge Road for paving with crew maintaining local traffic.
- Crew used blower to dry damp areas of ledge road prior to placing 9.5mm HMA.
- Ledge road was tacked prior to placing 9.5mm HMA with paving machine.
- 9.5mm HMA shim on Ledge Road was compacted with a 10 ton roller only.
- Crew completed shim on Ledge road and traffic returned to normal at approximately 3:30 PM.
- Approximately 69 ton was used on Ledge Road.
- 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 – Rubber tire roller on NB shoulder of Route 1.



Photo 2 – Existing pavement condition and shim on Powell Road.





Photo 3 – Existing pavement condition and shim on Powell Road.



Photo 4 – Shim being rolled on Ledge Road.