



YARMOUTH SCHOOL DEPARTMENT

Empowering all students

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BID SPECIFICATION: SCHOOL BUS LOOP PAVEMENT REHABILITATION

Location: William H Rowe School ,52 School St, Yarmouth, ME 04096 Maine

Project Completion Date: August 21, 2026

1. PROJECT OVERVIEW

The intent of this project is to mill and resurface the existing school bus loop and entrance drive. The project includes approximately **1,757 square yards** of milling and paving, along with targeted full-depth structural repairs to address base failure (alligator cracking).

2. GENERAL CONDITIONS & CODES

- **Standard Specifications:** All materials and workmanship shall conform to the **MaineDOT Standard Specifications (Revision of 2020)**, specifically **Section 401** (Hot Mix Asphalt) and **Section 403** (HMA Pavement).
- **Binder Grade:** All Hot Mix Asphalt (HMA) shall utilize a **PG 64-28** performance-graded binder.
- **Safety:** Contractor is responsible for all traffic control, pedestrian barricades, and site safety.

3. SCOPE OF WORK

A. Milling & Preparation

1. **Milling:** Mill approximately **1,757 SY** of existing asphalt. Depth shall be a minimum of **1.5 inches**, or deeper as required to profile the loop for a minimum **2% cross-slope** to ensure positive drainage.
2. **Cleaning:** The milled surface must be power-broomed and/or vacuumed to be free of all dust and debris.
3. **Butt Joints:** All transitions at concrete pads, catch basins, garage doors, and project limits shall be saw-cut and milled to a **vertical butt joint**. Feather-wedging at transitions is not permitted.

B. Full-Depth Structural Repairs

1. **Initial Scope:** Identify, saw-cut, and excavate **74 SY** of failed/alligator-cracked pavement.
2. **Excavation:** Remove failed asphalt and sub-base to a minimum depth of **12 inches**.



3. **Gravel & Compaction:** Replace with **MaineDOT Type A Aggregate**, compacted in 6-inch lifts.
4. **Base Patch:** Install **3 inches of 19.0mm HMA Base** in these areas, compacted flush with the surrounding milled surface.
5. **Unit Rate Clause:** Contractor shall provide a **per-square-yard unit price** for any additional full-depth repairs required beyond the initial 74 SY.

C. Paving Operations

1. **Tack Coat:** Apply an emulsified asphalt tack coat (**RS-1 or CSS-1h**) to the entire milled surface and all vertical joints at a rate of **0.05 to 0.08 gal/sy**. Tack must be allowed to "break" (turn black) before paving.
2. **Structural Shim:** Install a leveling/shim course of **9.5mm HMA Fine** over the entire 1,757 SY to correct irregularities and ensure proper drainage flow.
3. **Surface Course:** Install a **1.5-inch compacted lift of 9.5mm HMA Surface** over the entire project area.
4. **Compaction:** Final compaction must reach **92% to 97%** of maximum theoretical density.

D. Drainage & Finishing

1. **Iron Adjustments:** Adjust all catch basins, manholes, and water valve boxes to the final finish grade. All frames must be set in a bed of mortar or high-strength concrete collars.

4. PROJECT SCHEDULE

- **Paving can start 10 July 2026**
- **Mandatory Paving Completion:** All asphalt (Shim and Surface) must be completed by **August 7, 2026**.
- **Final Project Completion:** All iron adjustments, and punch list items must be completed by **August 21, 2026**.
- **Work Exclusion Period:** Due to the annual *Yarmouth Clam Festival* no work can be done and any equipment/materials must be stored in an area approved by the Director of Facilities from 11 July 2026 to 22 July 2026
- **Liquidated Damages:** Contractor agrees to a penalty of **\$500 per day** for every day the project remains incomplete past August 21, 2026.