

# CULVERT REPLACEMENT PROJECT – New Boston Rd and Beaver Meadow Road

## Addendum No. 1

February 13, 2023

1. Under Section **Project Description (Existing Conditions)** No. 1. New Boston Road, Subsection b. Culvert 13 is an existing 15-inch diameter steel pipe, not an 18-inch pipe.
2. Under Section **Project Work to be Completed** Paragraph 10, sentence 1 should be revised as follows: “During the work, the road may be closed for installation of the culverts, if there is a detour package plan submitted by the contractor and approved by PWD Director. In cases, where there are residents living near or between work zones, the contractor will be required to provide access for those residents as needed in case of emergencies to avoid lengthy detours. If the work is during the school year, the contractor should begin operations after the school buses in the morning and be open for school bus traffic in the afternoon. The contractor should work closely with the PWD Director to make sure all emergency and police operations can be fully implemented without significant delays.”
3. All culverts planned for removal and replacement have been marked in the field with orange flagging.
4. Culvert pipe installations will be marked upon completion with a single galvanized post with white reflector on each side of the culverts. The culvert markers should be located high enough to be seen from the roadway and far enough off the roadway as to be avoided by snowplowing operations.
5. The nominal trench width for 18-inch pipe is 39 inches based on the Table 1 of the HP Trench Installation Detail in Attachment No. 1. The pavement should be cut using a saw to ensure the pavement edges are reasonably straight and vertical. The pavement should be removed at least 12 inches from the edge of the pipe trench edge and be protected during the work. Depending on the condition of the existing paving, the pavement sawcut may have to be slightly adjusted to remove any damaged or loose edges. Cold planning (milling) at least 1.5 inches in depth should be completed at least 10 feet on either side of the trench limits. It is estimated that the depth of the existing pavement is 5-6 inches in depth. The contractor will match the thickness of the paving to the existing conditions. The base layer will be laid in two lifts and the top surface layer will be a minimum of 1-inch thickness.
6. The culverts will not require headwalls, just armoring as detailed in the RFP. Geotextile fabric will be required under the erosion stone armoring.