MICHIGAN

DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

FOR

**STATION GRADING, TRAIL**

JAK:JRP 1 of 2 APPR:DMG:RWS:07-22-21

**a. Description.** This work consists of performing excavation and grading for trail construction to provide a uniform and stable base for surfacing material. Complete this work at locations shown on the plans and in accordance with typical cross sections or as directed by the Engineer.

Due to the restricted workspace afforded by the existing abandoned railroad grade, use appropriate (smaller) sized equipment to conduct the work. The use of traditionally sized equipment typically used for road construction will be prohibited unless otherwise approved by the Engineer.

**b. Materials.** Furnish embankment material in accordance with section 205 of the Standard Specifications for Construction.

**c. Construction.** Complete this work in accordance with the appropriate sections of the standard specifications. Strip topsoil within the grading limits for Station Grading, Trail, Type A. Do not strip topsoil on the trail side slopes where Station Grading, Trail, Type B is defined. The work of trail station grading includes, but is not limited to the following:

1. Ensure equipment used is sized based on available workspace within the project limits.

2. Earthwork, including excavation and embankment material required to construct proposed typical cross sections and sign relocations.

3. Salvaging and grading of excavated trail bed material (trail spoils) on the side slopes. There will be excess trail spoils that cannot be disposed of on the side slopes. Utilize excess trail spoils in accordance with the Special Provision for Trail Spoils Berm Grading. Dispose of excess trail spoils not utilized in accordance with subsection 205.03.P of the Standard specifications for Construction.

4. Removal of miscellaneous items within the grading limits including, but not limited to, Level 3 (Century Link) utility markers, out of service utility cables within the grading limits, and the metal pipe protruding above the ground approximately 6 feet at Station 246+64 as directed by the Engineer.

5. Removal and disposal of railroad ties encountered during excavation.

6. Grading and compaction of existing material below the grade to line in accordance with section 205 of the Standard Specifications for Construction.

**d. Measurement and Payment.** The completed work, as described, will be measured and paid for at the contract unit price using the following pay item:

**Pay Item Pay Unit**

Station Grading, Trail, Type \_\_ Station

**Station Grading, Trail, Type \_** will be measured by length in stations along the trail centerline. Place embankment material adjacent to the trail aggregate. For areas defined as **Station Grading, Trail, Type A**, ensure embankment material is used to blend and grade the side slopes. For areas defined as **Station Grading, Trail, Type B**, ensure trail spoils are used to blend and grade the side slopes outside the limits of embankment material as shown on the plans.

1. **Station Grading, Trail, Type A** requires the use of embankment material in accordance with the standard specifications. The use of trail spoils as embankment material on the side slopes is prohibited.

2. **Station Grading, Trail, Type B** requires grading to achieve the required trail section including grading required to establish new swales and ditches. The use of trail spoils as embankment material on the side slopes is required.

Subgrade corrections will be paid for separately.

The use of smaller appropriately sized equipment to conduct the work is included in the pay items **Station Grading, Trail, Type A** and **Station Grading, Trail, Type B.** No additional compensation will be provided for this requirement.