MICHIGAN

DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

FOR

**PHRAGMITES PLANT MATERIAL HANDLING**

GND:DLK 1 of 2 APPR:YGQ:DMG:05-25-23

**a. Description.** This work consists of handling, transporting, and disposing of the Phragmites root mass and stalk material. All topsoil within designated areas as directed by the Engineer is considered contaminated with Phragmites roots or seeds and cannot be transported off the project except as authorized by the Engineer and in accordance with this special provision. Transport all Phragmites contaminated soil to a designated area for final disposal as shown on the plans. Existing topsoil may be salvaged and applied to project areas only as directed by the Engineer. Remove all phragmites contaminated soil prior to doing any other work.

**b. Materials.** None specified.

**c. Construction.** Complete this work in accordance with sections 204 and 205 of the Standard Specifications for Construction, except as modified herein or as directed by the Engineer.

1. Excavation of Topsoil Containing Phragmites Plant Material. Excavate existing topsoil containing Phragmites roots and stalk material to achieve the permanent or temporary grade line as shown on the plans and as directed by the Engineer. Do not perform additional excavation beyond what is required by the plans to remove the entire root mass. Initial excavation of topsoil containing Phragmites root mass and stalk material will be included in the Excavation, Earth or Ditch Cleanout pay items.

2. Temporary Storage of Topsoil Containing Phragmites Plant Material. Do not mix temporarily stockpiled topsoil containing phragmites plant material with any other excavated material.

3. Ensure disposal of designated soil containing Phragmites plant material is at the site shown on the plans. The location and depth of the existing Phragmites contaminated soil material is shown on the plan sheets or as determined by the Engineer.

4. Disposal of Phragmites Plant Material. Transport Phragmites root mass and stalk material in covered containers to location shown on the plan sheets.

5. Cleaning of Equipment. Thoroughly clean all equipment used to remove Phragmites root mass and stalk material of all visible debris and soil and plant material prior to working in non-Phragmites contaminated areas. Power wash equipment near the designated disposal location and as directed by Engineer. Cleaning is required to prevent the spread of seeds or rhizomes to areas not contaminated with Phragmites. Do not clean equipment within 100 feet of any wetland, stream, lake, drain or floodplain.

**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**

Phragmites Plant Material Handling, LM Cubic Yard

**Phragmites Plant** **Material Handling, LM** will be measured by volume in cubic yards, LM.

Restoration will be paid for separately.