[MICHIGAN](http://mdotcf.state.mi.us/public/design/englishroadmanual/)

DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

FOR

**CONTRACTOR ACCESS AND STAGING**

BRG:MGB 1 of 3 APPR:DMG:DBP:01-02-24

**a. Description.** The Contractor may utilize the Consent to Grade areas as shown on the plans to gain access to and from the channel and culvert. This work consists of coordinating, providing, constructing, maintaining and removing materials placed for access or staging areas that the Contractor requires to perform the work during the entire duration of the project. This work is necessary to protect the existing ground from rutting and from subsequent placement of other materials and equipment. Documenting the preconstruction condition of the area, preparing the area and restoring the area to preconstruction condition is also included in this work. Perform this work in accordance with the standard specifications and as specified herein.

A Contractor staging area is defined as an area designated by the Engineer for potential use for storage of materials and equipment. The contract does not require this designated area to be utilized.

A Contractor access area is defined as an area designated by the Engineer for potential use for access to and from or within the limits of the job site. The contract does not require this designated area to be utilized.

**b. Materials.** Furnish the following materials:

1. Aggregate. Furnish dense-graded aggregate in accordance with section 902 of the Standard Specifications for Construction.

2. Geotextile. Furnish non-woven stabilization geotextile in accordance with section 910 of the Standard Specifications for Construction.

3. Silt Fence. Furnish silt fence in accordance with section 916 of the Standard Specifications for Construction.

**c. Construction.**

1. Requirements. The following conditions apply during execution of the work:

A. Independently coordinate and agree to all access road and staging details with the Charter Township of Delta.

B. Submit an access plan for approval to the Engineer no less than 10 calendar days prior to beginning work on the access roads and staging areas. Ensure the plan is approved by the Engineer before any work can commence on the access roads and staging areas. Include any temporary structures in the crossing design to maintain drainage along the ditch or curb lines to the satisfaction of the Engineer.

C. The sidewalks on the north and south sides of M-43 may be crossed intermittently by construction equipment. Upon completion of the project ensure all damaged sidewalk is removed and replaced at no cost to the contract.

D. Upon completion of the project ensure any damage to the timber fence and retaining walls from construction operations are repaired and returned to the original condition at no cost to the contract.

E. Upon completion of the project ensure all areas within the Consent to Grade are restored to the satisfaction of the Engineer.

2. Submittals. Submit a plan to the Engineer for review and approval not less than 10 calendar days before beginning the work of placing materials for the access and staging areas. The plan must include:

A. A plan view showing the limits of the work, including soil erosion and sedimentation control measures and temporary drainage controls as appropriate,

B. Cross-sections through the access and staging areas, detailing the geometry, each component and change in materials,

C. Placement limits of stabilization geotextile,

D. A sequential description of each step necessary to construct and maintain the access and staging areas,

E. A sequential description of each step necessary to remove the work,

F. Material certifications,

G. Documentation of the access and staging areas preconstruction condition,

H. Description of methods used to maintain and repair the access and staging areas,

I. Description of methods used to restore these areas.

3. Documentation. Prior to the work, document the preconstruction condition of the access and staging areas. Use photography, video, or survey to document the area. The documentation will be used as a basis for comparison to the restoration work. Do not begin the work until the documentation has been reviewed and approved by the Engineer.

4. Installation. Place stabilization geotextile and aggregate over the access and staging areas and install silt fence around these areas in accordance with the details and limits shown on the plans. Install silt fence around the perimeter of the access and staging areas in accordance with subsection 208.03 of the Standard Specifications for Construction. Place stabilization geotextile on the existing ground in accordance with section 308 of the Standard Specifications for Construction prior to placing aggregate. Remove rocks, sticks and other debris that may damage the geotextile. Ensure the stabilization geotextile is free of wrinkles, tears or other deficiencies. Remove and replace damaged geotextile at no cost to the contract.

Do not cause rutting of the existing ground. The Engineer will determine what constitutes rutting.

5. Maintenance. Maintain the access and staging areas in a functional and safe working condition to the satisfaction of the Engineer.

6. Removal. Remove all materials associated with the access and staging areas when no longer needed. Dispose of surplus material in accordance with subsection 205.03.P of the Standard Specifications for Construction. Use methods and means that will not damage the existing ground during removal and access operations. The Engineer will determine what constitutes damage. Repair damage, to the satisfaction of the Engineer, at no cost to the contract.

7. Restoration. Restore the access and staging areas to its preconstruction condition, to the satisfaction of the Engineer and in accordance with the Special Provision for Slope Restoration, Non-Freeway.

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

**Pay Item Pay Unit**

Contractor Access and Staging Lump Sum

The Engineer will group and measure access and staging areas used during the entire duration of the project as a unit. The unit price for **Contractor Access and Staging** includes coordination, documentation, preparation, furnishing, installing, soil erosion and sedimentation control measures, maintaining, removing, restoration and disposal of all materials.