MICHIGAN

DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

FOR

**WILDFLOWER SEEDING**

GND:DLK 1 of 2 APPR:NJM:JN:06-20-23

**a. Description.** This work consists of furnishing and placing seed mix as shown on plans. Ensure seeding is in accordance with section 816 of the Standard Specifications for Construction and as directed by the Engineer with the following exceptions and additions.

**b. Materials.** Furnish materials meeting the requirements specified in section 917 of the Standard Specifications for Construction with the following exceptions and additions:

1. Seed. Ensure the seeds are genotypes from the North Central States only (Michigan, Ohio, Indiana, Illinois, Wisconsin, Minnesota and Iowa) and must not be mixed together but packaged individually according to species. MDOT will inspect seed before individual packages are opened.

2. Seeding Mixture. Ensure the seeding mixture is composed of seed with the purity Pure Live Seed (PLS) and proportions by acre, as specified in the following table:

 Ounces PLS

Kinds of Seeds Per Acre

Asclepias tuberosa - BUTTERFLY MILKWEED 8

Aster laevis - SMOOTH ASTER\* 3

Aster novae angliac – NEW ENGLAND ASTER 1

Campanula rotundifolia – HAREBELL 2

Coreopsis lanceolata - SAND COREOPSIS 8

Coreopsis tripteras - TALLl COREOPSIS 1

Coreopsis verticillata - MOONBEAM COREOPSIS 3

Desmodium canadense - SHOWY TICK TREFOIL 2

Echinacea pallida - PALE PURPLE CONEFLOWER 1

Echinacea purpurea – PURPLE CONEFLOWER 10

Helianthus giganteus – TALL SUNFLOWER 0**.**5

Heliopsis helianthoides – FALSE SUNFLOWER 2

Lespedeza capitata – ROUND HEADED BUSH CLOVER 1

Liatris spicata - DENSE BLAZING STAR 3

Monarda fistulosa – WILD BERGAMOT 0**.**1

Oenothera biennis - EVENING PRIMROSE 2

Penstemon hirsutus – HAIRY BEARD TONGUE 3

Penstemon digetalis – FOXGLOVE BEARDSTONGUE 1

Ratibida pinnata - GRAY HEADED CONEFLOWER 2

Rudbeckia hirta - BLACK-EYED SUSAN 10

Solidago juncea – EARLY GOLDENROD 3

Solidago nemoralis – GRAY GOLDENROD 3

Solidago rigida – STIFF GOLDENROD 2

Solidago speciosa – SHOWY GOLDENROD 3

Veronica fasiculata - IRON WEED 1

Verbena stricta - HOARY VERVAIN 2

Veronicastrum virginicum - CULVER’S ROOT 0**.**5

\*The seed must be debearded and free of awns.

**c. Construction.** Apply permanent seeding in accordance with subsection 816.03 of the Standard Specifications for Construction and the Special Provision for Slope Restoration. Apply wildflower seeding in areas to be restored as directed by the Region Resource Specialist. Place all wildflower seed no closer than 20 feet from any pavement edge. It may be necessary, as directed by the Engineer, to place seed by hand.

**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**

Wildflower Seeding Square Yard