MICHIGAN

DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

FOR

**CONCRETE PAVEMENT REPAIRS IN A CONCRETE OVERLAY SECTION**

GND:TCS 1 of 2 APPR:ARB:TES:06-15-22

**a. Description.** This work consists of removing and replacing the top section of an existing concrete in a concrete overlay pavement section, for the purposes of concrete pavement restoration. Section 603 of the Standard Specifications for Construction applies except, as modified by this special provision.

**b.** **Materials.** Furnish materials in accordance with subsection 603.02 of the Standard Specifications for Construction. Furnish a geotextile separator to be used as a bond breaker between the old underlying concrete pavement surface and the new concrete pavement repair in accordance with section 910 of the Standard Specifications for Construction.

**c. Construction.** Use construction methods in accordance with section 603 of the Standard Specifications for Construction unless otherwise stated in this special provision.

1. Removal of Existing Concrete. Remove existing concrete overlay pavement to the depth specified on the plans. Completely remove existing separator material to provide a smooth underlying concrete pavement surface, free of any existing separator material.

2. Placing Separator Layer. Place the bond breaking geotextile separator material on the remaining underlying concrete surface. The bond breaking geotextile separator material must cover the full length and width of the exposed underlying concrete surface. Secure the geotextile separator material to the underlying concrete surface in a manner sufficient to prevent its displacement during concrete placement, as approved by the Engineer.

3. Concrete Pavement Repair. Construct concrete pavement repairs in accordance with section 603 of the Standard Specifications for Construction, except as modified by this special provision. Place concrete repair to provide a flat, smooth edge with all surrounding concrete areas.

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

**Pay Item Pay Unit**

Pavt Repr, Overlay, Rem Cubic Yard

Pavt Repr, Overlay, Nonreinf Conc Cubic Yard

1. **Pavt Repr, Overlay, Rem** quantity will be calculated by averaging the depth measurements taken at each corner and the middle of the lane on both sides of the repair area. **Pavt Repr, Overlay, Rem** includes all equipment, materials, and labor needed to complete the work as described.

2. **Pavt Repr, Overlay, Nonreinf Conc** quantity will be calculated by averaging the depth measurements taken at each corner and the middle of the lane on both sides of the repair area. **Pavt Repr, Overlay, Nonreinf Conc** includes all labor, equipment, and material needed to complete the work as described. Payment also includes the bond breaking geotextile separator.