## Section 2.00 - Specifications

Meadowlark Elementary Parking Repair/Overlay 2021

## Description of work:

Make all necessary repairs to existing asphalt, install reinforced concrete in specified area, mill specified area, and overlay asphalt. Re-stripe to match existing layout.

1. Remove and dispose of existing soft/void areas to an approximate depth of 4 " and patch back with 4" of hot mix asphalt for approximately $8,600.000$ square yards.
2. Mill around required transition areas.
3. Furnish and place $2^{\prime \prime}$ of surface course hot mix asphalt.
4. Re-Stripe to match existing layout.

## Materials Spec:

MoDot BP-2 asphalt mix, AB-3 base rock, 4000 psi concrete, \#4 rebar.

## Repairing areas with failed base:

In marked areas saw cut and remove existing asphalt and base to 4 inches below existing asphalt surface. Replace 4 inches of compacted AB-3 and 4 inches of asphalt flush with existing asphalt.

## Milling of asphalt:

Mill the asphalt area along the sidewalk, curb to 2 inches below the concrete at the edge to nothing at a width of no less than 6 feet.

## Installing Concrete:

Remove rock from marked area to accommodate the installation of 6 inches of reinforced 4000 psi concrete. The reinforcement will be \#4 rebar on 24 inch centers wired tied at all intersecting points and centered in the depth of the slab.

## Laying Asphalt:

Broom/clean all surfaces of existing asphalt and concrete.
Apply tack coat then overlay with MoDot BP-2 compacted to an average depth of 2 inches.

