

# OVERLAYS AND PATCHING

## 1. Preparation

- a. Check weather conditions and avoid working in rain or any precipitation.
- b. Set up /establish a traffic control for road with necessary detours, etc.
- c. Measure and mark locations of manholes and valves on the curb.
- d. Manholes and catch basins are to be covered as needed to prevent oil and materials from getting inside the structures or system.
- e. Cracks should be properly sealed. Alligator cracks and potholes should be removed and patched. Rutting should be milled.
- f. Surface should be clean and dry.
- g. Uniform tack coat applied and cured prior to placement of overlay.
- h. If milling is required, install inlet protection as needed. Dispose of millings in asphalt recycling or reuse as gravel driveways/roads

## 2. Process

- a. Check hot asphalt mix for proper temperature, percentage asphalt, gradation, air voids and any other agency requirements.
- b. Raise manhole lids and valves to elevation of new asphalt surface with riser rings.
- c. Surface texture should be uniform, no tearing or scuffing.
- d. Rolling should be done to achieve proper in-place air void specification.

### 3. Clean-up

- a. Covering should be removed as soon as the threat of imported materials entering the system is reduced and prior to a storm event.
- b. After pavement has cooled, sweep gutters to remove loose aggregate and dispose of in trash.

### 4. Documentation

- a. Record location and date on the maintenance database and map.