



2025 Street Rehabilitation Project

Concrete Pavement Rehabilitation Guide

Partial-Depth Repairs (Type B)

Type B concrete pavement repairs are partial-depth rehabilitation methods designed to target localized spalling, tunneling and deterioration at existing joints and cracks.

Repair Procedure

1. Remove unsound concrete material from repair area (milling/chipping).
2. Prepare pavement repair area, providing a smooth and clean surface for new concrete.
3. Apply bonding grout or water to prepared repair area and install new concrete repair, re-establishing joints and providing compression relief.
4. Broom finish the pavement repair surface and apply sacrificial grout layer to tapered edges of repair.
5. Apply curing compound uniformly to pavement repair area.
6. Saw and seal joints and cracks with hot-pour sealant.





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Full-Depth Repairs (Type C)

Type C concrete pavement repairs are full-depth rehabilitation methods designed to address severe joint deterioration and structural failures within the existing concrete pavement. These pavement distresses extend through the entire pavement depth and require additional work to re-establish load transfer to adjacent concrete pavement.

Repair Procedure

1. Saw cut and remove existing concrete pavement in repair area.
2. Restore and compact roadway base material prior to concrete placement.
3. Drill & grout dowel bars and longitudinal reinforcement to adjacent concrete pavement and place dowel bar basket assemblies within repair area.
4. Install replacement concrete, providing vibratory consolidation, joint filler material and edge finishing as specified. Apply a broomed finish to the pavement repair surface..
5. Apply curing compound uniformly to pavement repair area.
6. Saw and seal joints with hot-pour sealant.

