**TYPE B - KEYHOLE REPAIR FOR ROW WIDTH GREATER THAN 60'**

**NOTES:**

1. CUT AND REMOVE PAVEMENT PLUG WITH AN APPROVED KEYHOLE CORING DEVICE. PAVEMENT TO BE CORED SHALL CONTAIN NO CRACKS AND SHALL BE AT LEAST 4" THICK.

2. BONDING MATERIAL SHALL BE A SINGLE COMPONENT CEMENTITIOUS RAPID HARDENING, HIGH STRENGTH, WATERPROOF BONDING AGENT THAT ALLOWS THE CORE TO SUPPORT AT LEAST TWO TIMES AASHTO H-25 LOADING WITHIN 30 MINUTES OF APPLICATION. BOND AGENT MUST SHOW A MINIMUM 20 PSI BOND STRENGTH (ASTM C882) AND A MINIMUM 200 PSI COMPRESSIVE STRENGTH (ASTM C109) IN 30 MINUTES.

3. AGENCY-APPROVED BACKFILL BELOW REPAIR SHALL BE PER SECTION 215.

4. FILL KEYHOLE WITH BONDING MATERIAL DURING REPAIR.

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**TYPE A - CUT & PATCH REPAIR FOR ROW WIDTH 60' OR LESS**

**NOTE:** EDGES SHALL BE CUT TO A NEAT VERTICAL FACE.

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**POTHOLE PLAN VIEW (NOMINAL DIMENSIONS)**

- **1-1/2" DIAMETER DRILLED/CORED PILOT HOLE**
- **18" - 24"**

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**POTHOLE PROFILE**

- **AGENCY APPROVED ASPHALT CONCRETE PLACED IN 2" LIFTS. 6" MIN. THICKNESS OR MATCH EXISTING.**
- **TACK EDGES**

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**BONDING MATERIAL**

- **PAVEMENT PLUG**

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**POTHOLE PROFILE**

- **1-1/2" TO 2" COMPACTED CRUSHED GRAVEL (ASTM C33 #8)**

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**SPECIFICATION REFERENCE**

- **VARIABLE THICKNESS**

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**UNIFORM STANDARD DRAWINGS**

- **CLARK COUNTY AREA**

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**DATE 12-09-10**

**Dwg. No. 506**

**Effective 1/1/11**