

UTILITY LOCATE POTHOLE REPAIR PROCEDURE POLICY

Exploratory test holes or potholes made to determine location of existing utilities are needed for companies that want to bore cables or install other utilities in Arapahoe County in order to avoid damaging existing utilities.

Permittee shall use the following procedure:

The potholes in the pavement may be temporarily repaired, meeting all applicable safety requirements for not more than seven (7) days as per Arapahoe County permit "Terms and Conditions".

I. Asphalt

All potholes in the pavement section shall be cored with a circular coring saw with a maximum diameter of ten inches (10"). The plug shall be removed carefully without damaging the saw cut edges of the asphalt.

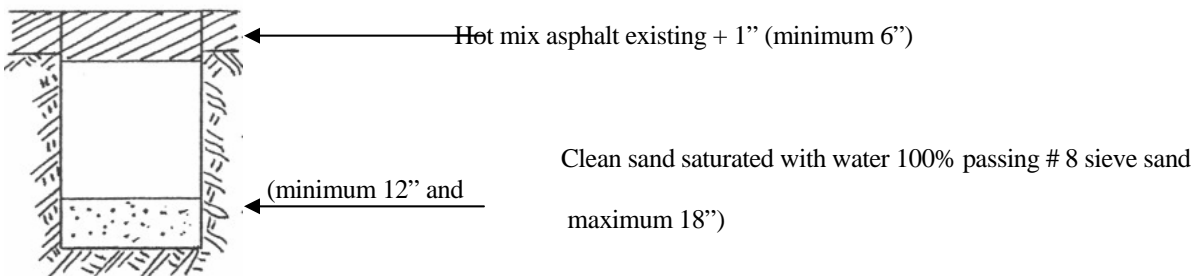
Larger exploratory holes will be reviewed on a case by case basis.

Potholes shall be backfilled with clean sand saturated with water 100% passing #8 sieve to one inch (1") below the existing thickness of the asphalt. **Native** material removed shall not be used to backfill the hole.

The pothole shall be patched with hot mix bituminous asphalt and compacted in a maximum of three (3) inch lifts using a pneumatic compactor (**pogo stick**) or equivalent compactor capable of fitting into the cored hole.

At Arapahoe County's discretion, localized **infrared** treatment may be required to blend the top mat of the asphalt together.

POTHOLE



II. Concrete

Damaged concrete pavement shall be removed and replaced as a **full** panel section extending to the existing joints. Partial section replacement shall not be permitted.

Concrete removed adjacent to asphalt pavements shall be saw cut along the material interface prior to removal. The concrete shall then be removed carefully without damaging the saw cut edge of asphalt.

The concrete (Class P), reinforcing, doweling and other materials shall be in accordance with CDOT standards. New concrete should meet or exceed original pavement strength.

Weather protection shall be provided in compliance with the CDOT Standards Specification Section 601.

III. Native Soil

Potholes made in native soil should meet the compaction requirements in accordance with Chapter 8.2 of Arapahoe County Infrastructure Design and Construction Standards.

Any damaged landscaping, lawns, shrubbery, trees hedges, walls, fences, etc. shall be replaced or restored prior to seven days after the completion of the job at the contractors expense to the condition existing prior to the excavation.

Note:

Permitee is responsible for researching and locating all underground utility lines including storm sewer systems and related drainage facilities.