

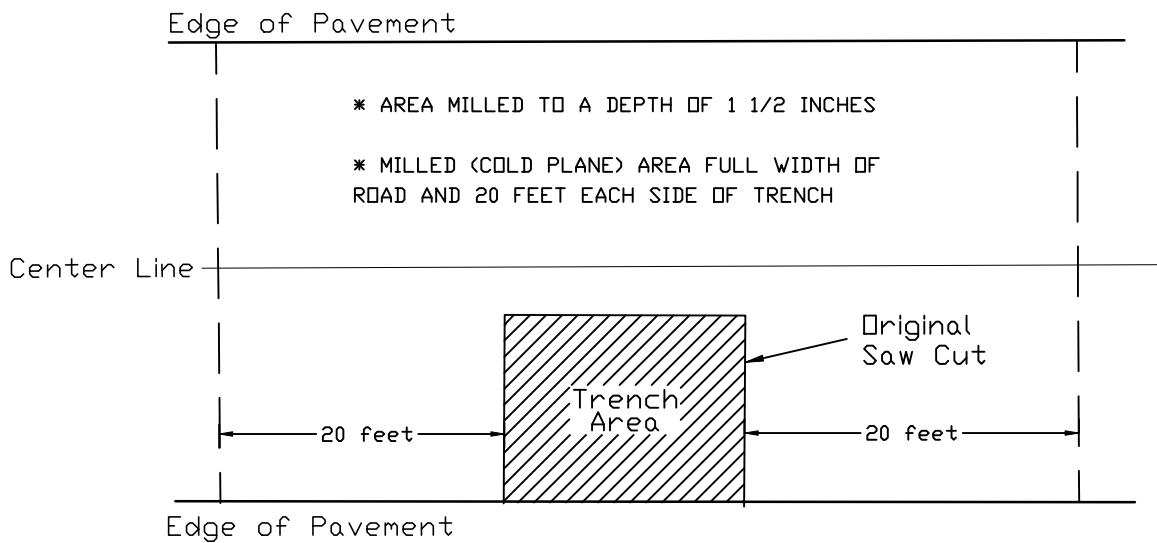
## D-18b Half Road Trench Repair

5 Years Old or Newer

(not to scale)

### PROCEDURES FOR HALF ROAD TRENCH REPAIRS ON CITY STREETS FIVE YEARS OR NEWER

1. An excavation permit must be submitted for any work being performed in streets, sidewalks, or the City of Laconia right-of-way.
2. Pavement shall be saw cut along the trench line. Any undermined areas that inadvertently develop shall have the projecting pavement saw cut and removed.
3. Trench backfill shall be compacted in twelve (12) inch lifts according to the Regulations for Excavation.
4. A temporary patch in kind of three quarter (3/4) inch Type B Hot Bituminous patch shall be laid in two (2) inch lifts compacted.
5. The patch shall be allowed to settle for a minimum of 60 days (or time determined by the Director of Public Works or designee).
6. After suitable exposure to traffic exposure to traffic compaction as determined by the Director of Public Works or designee, the pavement shall be cold planed at a depth of one and one half (1 1/2) inches a minimum area of twenty (20) feet to each side of the original trench cuts not to break crown of road.
7. An approved bituminous material (tackifier) shall be applied to all vertical and horizontal joint contacts surfaces.
8. Paveprep joint tape (12 inch) shall be placed over the trench joint. Care must be taken to identify and offset the location of the joint before cold planing. After finish paving the joints of the patch must be cracked sealed.
9. The milled area shall be paved with a three eighths (3/8) inch hot bituminous that meets the NHDOT 2016 Specification for Road and Bridge Construction section 401 and the City of Laconia standard pavement specifications.



NOTE: THESE STANDARDS ARE TO BE CONSIDERED AS MINIMUM REQUIREMENTS. ANY DEVIATION FROM THESE STANDARDS WILL REQUIRE THE LACONIA DEPT. OF PUBLIC WORKS APPROVAL.

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