

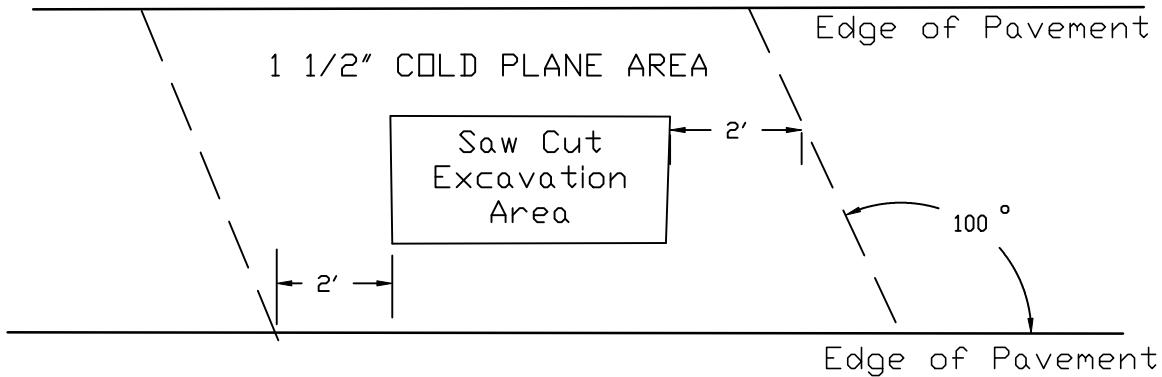
## D-18c Trench Repair

(not to scale)

### PROCEDURES FOR TRENCH REPAIRS ON ROADS OLDER THAN FIVE YEARS

1. Pavement shall be saw cut along the ditch line. Any undermined areas that inadvertently develop shall have the projecting pavement saw cut and removed.
2. Trench backfill shall be compacted in one (1) foot lifts according to the General Construction regulations.
3. Materials excavated from the trench shall be separated into two piles. One pile will be reclaimed material, top gravels and the second pile will contain backfill material from the excavating hole. These materials will all be reused in the backfilling process except rock over six (6) inches.
4. The patch shall be allowed to settle for a minimum of one freeze/thaw cycle before final patch as determined by the Director of Public Works or designee.
5. Once the Public Works Director or Designee determine a time for final trench repair the trench shall be milled to a depth of one and one half (1 1/2) inches in depth. This shall be done in such a way as to provide to provide an angled joint at new pavement to old pavement.
6. The face of all joints and exposed surfaces shall be completely coated with approved asphalt emulsion (tackifier coat). Once final restoration is completed the new joint will be crack sealed.
7. The milled area shall be paved with three eighths (3/8) inch hot bituminous pavement that meets NHDOT 2016 Specifications for Road and Bridge Construction section 401. The City Engineer or designee shall be notified 24 hours before final paving for inspection and receive a copy of all asphalt slips for that job.

### TRANSVERSE AREA GREATER THAN HALF PAVEMENT WIDTH



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

