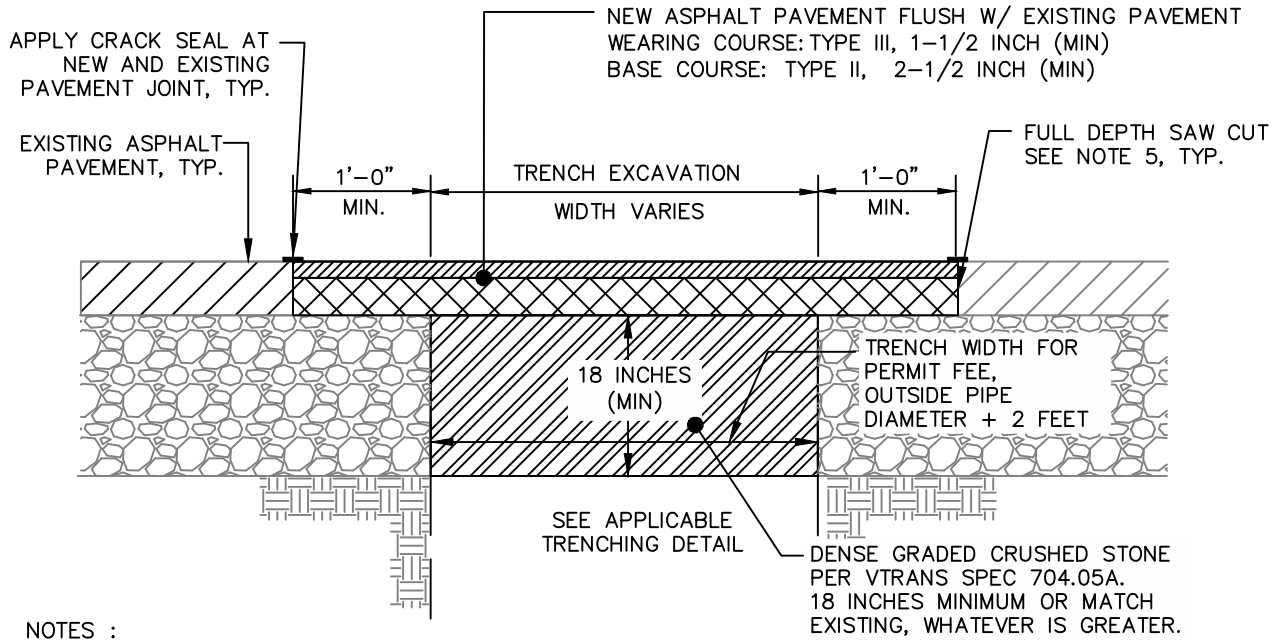


NOTE: FOR PROJECTS WITH MULTIPLE UTILITY TRENCHES, PAVEMENT RESURFACING MAY BE REQUIRED BETWEEN TRENCHES FOR PERMIT APPROVAL.



NOTES :

1. RESHAPE HOLE AND PATCH AREA BY CUTTING WITH CONCRETE SAW INTO A SQUARE OR RECTANGULAR SHAPE. CUT SIDE FACES VERTICALLY. RESHAPE DOWNWARD TO SOLID MATERIAL AND AROUND HOLE TO SOLID PAVEMENT.
2. BACKFILL TRENCH IN 6" LIFTS AND COMPACT EACH LIFT TO 95% OF MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT AS DETERMINED BY ASTM D698 STANDARD PROCTOR.
3. REMOVE ALL LOOSE MATERIAL AND THOROUGHLY SWEEP THE HOLE AREA CLEAN OF MUD AND STANDING WATER.
4. APPLY LIQUID EMULSION (RS-1) TO VERTICAL FACES IN A UNIFORM MANNER. DO NOT PUDDLE EMULSION ON BOTTOM OF THE HOLE.
5. PLACE TYPE II BASE COURSE PAVEMENT A MINIMUM OF 2 1/2" THICK.
6. FILL TOP OF HOLE WITH TYPE III BITUMINOUS CONCRETE AND COMPACT IN LIFTS OF NO MORE THAN 2". FINAL LIFT SHOULD BE 1/4" PER 1" OF LOOSE PAVEMENT BEFORE COMPACTION SO THAT AFTER COMPACTION THE PATCH IS LEVEL WITH THE EXISTING PAVEMENT. EACH LIFT SHOULD BE THOROUGHLY COMPACTED WITH A VIBRATORY PLATE COMPACTOR OR A VIBRATORY PORTABLE ROLLER. EXPERIENCE HAS SHOWN THAT 15 TO 20 PASSES ARE REQUIRED WITH A VIBRATORY ROLLER AND A MIX TEMPERATURE ABOVE 250° F ARE NECESSARY TO ENSURE GOOD COMPACTION. HAND TAMPING SHOULD ONLY BE USES FOR SMALL AREAS (LESS THAN 1 S.F.).



CITY OF WINOOSKI
PUBLIC WORKS DEPARTMENT
27 WEST ALLEN STREET, WINOOSKI VT 05404

STANDARD DETAILS

DRAWING TITLE:
TRENCH RESTORATION DETAIL

DATE: 5/3/21 SCALE: NTS DRAWING #: ST-3