



EDGES SHALL BE CUT STRAIGHT TO WITHIN 5" OF VERTICAL. EDGES SHALL BE TACK COATED PRIOR TO PATCHING.

TW	W
less than 12"	6"
12"-24"	9"
over 24"	12"

NOTE:
WHEN $X \leq 4'$ ASPHALT CUT SHALL EXTEND TO GUTTER LIP.

NOTE:

1. THIS TRENCH PATCHING DETAIL SPECIFIES REQUIREMENTS IN ADDITION TO THOSE SPECIFIED IN THE LATEST EDITION OF COLORADO DEPARTMENT OF HIGHWAY'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
2. A CONSTRUCTION TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO AND APPROVED BY ARAPAHOE COUNTY PRIOR TO ISSUANCE OF CONSTRUCTION PERMITS IN THE COUNTY RIGHT-OF-WAY.
3. TRENCH SHALL BE BRACED OR SHEETED AS NECESSARY FOR THE SAFETY OF THE WORKMEN AND PROTECTION OF OTHER UTILITIES OR STRUCTURES IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL SAFETY REGULATIONS.
4. THE TRENCH WIDTH SHALL BE CONFINED TO THOSE MINIMUM DIMENSIONS, WHICH WILL PERMIT PROPER INSTALLATION AND ACCEPTABLE PIPE LOADING, AS ESTABLISHED BY CURRENT ACCEPTABLE ENGINEERING PRACTICES.
5. EXISTING ASPHALT OR PAVEMENT SHALL BE CUT BACK A MINIMUM OF W (SEE ABOVE) BEYOND THE TRENCH LIMITS OR TO SOUND PAVEMENT. WHICHEVER IS GREATER.
6. BACKFILL COMPACTION REQUIREMENTS: MINIMUM DENSITY WILL BE DETERMINED IN ACCORDANCE WITH AASHTO DESIGNATION T99 OR T180 AS DEFINED BY THE STANDARD SPECIFICATION SECTION 203.11 OF THE STATE OF COLORADO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
7. FULL DEPTH ASPHALT CAN BE USED AS AN ALTERNATIVE TO BASE COURSE. A RATIO OF 3 INCHES BASE COURSE TO 1 INCH OF ASPHALT SHALL BE USED IN THE SUBSTITUTION.
8. A TEMPORARY COLD-MIX ASPHALT PATCH, 4" IN DEPTH, WILL BE REQUIRED FOR ALL STREETS CUTS IF A PERMANENT HOT-MIX ASPHALT PATCH CANNOT BE APPLIED FOR ANY REASON, AFTER CONSTRUCTION IS COMPLETED.
9. FIELD MOISTURE-DENSITY TESTS SHALL BE TAKEN AT 12" ABOVE TOP OF BEDDING AND IN EACH VERTICAL FOOT OF BACKFILL LIFT OF FILL PLACEMENT AT REQUIRED HORIZONTAL LOCATIONS ALONG PIPE TRENCH.

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**TRENCH PATCHING
DETAIL**

DRAWING NO.: SASD-PRI-9S DATE: 5/08