APPLY FOG SEAL — 1' BEYOND T-SECTION FOR TRENCH LENGTH LESS THAN 500 FT.
APPLY TYPE II SLURRY SEAL — FULL LANE WIDTH FOR TRENCH LENGTH GREATER THAN 500 FT. (SEE NOTE 8)

4" A.C. TYPE B PAVEMENT (PLACED IN 2" LIFTS)

SEE NOTE 1 (BOTH SIDES)

"T" SECTION 12" MIN BOTH SIDES

2' SACK CEMENT/SAND SLURRY BACKFILL (SEE NOTE 4)

OPTIONAL STEPPED OR SLOPING TRENCH WALLS.

6" MIN 12" MAX

SAND BEDDING (SEE NOTE 7)

1. MINIMUM STANDARDS ARE AS FOLLOWS:
   A. PAVED ROADS — 4" A.C. TYPE B, 1/2" MAX, PLACED IN 2" LIFTS
   B. NON-PAVED ROADS — SINGLE SEAL COAT OVER 6" A.B. CLASS 2 IN TRENCH AREA, THEN SINGLE SEAL
      COAT ENTIRE ROAD SECTION.

2. CUT EXISTING PAVEMENT TO PRODUCE A STRAIGHT VERTICAL FACE AGAINST WHICH TO BUTT THE TRENCH PAVEMENT.

3. CEMENT/SAND SLURRY SHALL BE MIXED IN A TRANSIT MIXER (CERTIFICATION TAGS REQUIRED), SHALL CONSIST OF 188 lbs OF
   CEMENT FOR EACH CUBIC YARD OF MATERIAL.

4. TRENCHES OUTSIDE A PAVED AREA OR A ROAD RIGHT-OF-WAY SHALL HAVE BACKFILL COMPACTED TO NOT LESS THAN 90%
   RELATIVE COMPACTION.

5. IF THE EDGE OF THE ASPHALT TRENCH CAP IS WITHIN 2' OF THE EXISTING EDGE OF PAVEMENT OR LIP OF GUTTER, THE REMAINING
   PAVEMENT SHALL BE REMOVED AND THE TRENCH PAVING SHALL BE EXTENDED TO THE EDGE OF PAVEMENT OR LIP OF GUTTER.

6. ANY EXCEPTIONS TO THIS DETAIL MUST BE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.

7. CLEAN SAND COMPACTED TO 95% RELATIVE COMPACTION MAY BE USED FOR PIPE BEDDING BELOW BOTTOM OF PIPE. FOR WATER
   MAIN LINES THE SAND BEDDING MAY EXTEND UP TO 12" ABOVE TOP OF PIPE. CEMENT SAND SLURRY SHALL BE USED ABOVE SAND
   ZONE.

8. WHERE NO PAINTED CENTERLINE EXISTS, A FULL ROAD WIDTH TYPE II SLURRY SEAL COAT IS REQUIRED AFTER TRENCH PAVING.

LONGITUDINAL TRENCH DETAIL
1. MINIMUM STANDARDS ARE AS FOLLOWS:
   A. PAVED ROADS – 4" A.C. TYPE B, 1/2" MAX, PLACED IN 2" LIFTS
   B. NON-PAVED ROADS – SINGLE SEAL COAT OVER 6" A.B. CLASS 2 IN TRENCH AREA, THEN SINGLE SEAL
      COAT ENTIRE ROAD SECTION.

2. CUT EXISTING PAVEMENT TO PRODUCE A STRAIGHT VERTICAL FACE AGAINST WHICH TO BUTT THE TRENCH PAVEMENT.

3. CEMENT/SAND SLURRY SHALL BE MIXED IN A TRANSIT MIXER (CERTIFICATION TAGS REQUIRED), SHALL CONSIST OF 188 lbs OF
   CEMENT FOR EACH CUBIC YARD OF MATERIAL.

4. TRENCHES OUTSIDE A PAVED AREA OR A ROAD RIGHT-OF-WAY SHALL HAVE BACKFILL COMPACTED TO NOT LESS THAN 90% RELATIVE COMPACTION.

5. ANY EXCEPTIONS TO THIS DETAIL MUST BE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.

6. CLEAN SAND COMPACTED TO 95% RELATIVE COMPACTION MAY BE USED FOR PIPE BEDDING BELOW BOTTOM OF PIPE. FOR WATER
   MAIN LINES THE SAND BEDDING MAY EXTEND UP TO 1/2" ABOVE TOP OF PIPE. CEMENT SAND SLURRY SHALL BE USED ABOVE SAND
   ZONE.

CROSS TRENCH DETAIL
(E) AC ROAD SURFACE

PROPERLY CLEAN EDGES OF (E) SIDES
OF AC W/ WIRE
BRUSH & COMPLETELY
COAT (E) CUT EDGE
OF PAVEMENT WITH
RS-1 TACK COAT
PRIOR TO PAVING.

TWO 2" LIFT OF HMA,

SAND SLURRY
CEMENT BACKFILL
TO 4" BELOW
EXISTING ASPHALT
ROAD SURFACE.

NOTES:

1. 8" ø OR SMALLER HOLES

2. SAND SLURRY CEMENT BACKFILL
MUST BE 1 TO 2 SACK AND CURED
PRIOR TO PLACEMENT OF AC LIFTS.

3. HOT MIX ASPHALT SHALL BE 2½
MEDIUM MAX. AND COMPACTED
WITH POWDER PUFF TYPE
COMPACTOR IF WIDTH CANNOT
ACCOMMODATE CONVENTIONAL
METHODS OF COMPACTION.

3. NO COLD PATCH ALLOWED.

4. MAY USE "PLUG-R" TYPE PLUG OR
APPROVED EQUAL ON HOLES
BELOW 2" ø.

GEOTECHNICAL & ENVIRONMENTAL BORINGS
THROUGH ASPHALT ROAD SURFACE (SMALL)
NOTES:

1. 8" Ø OR GREATER HOLES

2. SAND SLURRY CEMENT BACKFILL MUST BE 1 TO 2 SACK AND CURLED PRIOR TO PLACEMENT OF AC LIFTS.

3. HOT MIX ASPHALT SHALL BE ³⁄₈" MEDIUM MAX. AND COMPACTED WITH POWDER PUFF TYPE COMPACTOR IF WIDTH CANNOT ACCOMMODATE CONVENTIONAL METHODS OF COMPACTION.

3. NO COLD PATCH ALLOWED.

GEOTECHNICAL & ENVIRONMENTAL BORINGS THROUGH ASPHALT ROAD SURFACE (LARGE)