MAXIMUM PATCH WIDTH SHALL BE 2' PLUS TRENCH WIDTH OR 3', WHICHER IS GREATER (TYP.)

SAW CUT OR EQUAL CUT (NO JACK HAMMERING) TO BE UNIFORM AND VERTICAL. EMULSIFIED ASPHALT GRADE CSS-1 TACK SHALL BE APPLIED TO EDGES OF EXISTING PAVEMENT. ALL JOINTS SHALL BE SEALED USING PAVING ASPHALT AR4000W.

0.17' OF TOPSOIL OR CSTC AS NOTED ON PLAN

EXISTING A.C. PAVEMENT

BANK RUN GRAVEL OR CONTROL DENSITY FILL FOR TRENCH BACKFILL AND PIPE ZONE BACKFILL

PIPE ZONE SEE FIGURES FOR DIMENSIONS AND BACKFILL MATERIAL

FOUNDATION TYPICAL. REQUIRED ONLY WHEN UNSUITABLE MATERIALS ARE ENCOUNTERED AND AS THE ENGINEER DIRECTS

MAXIMUM TRENCH WIDTH SHALL BE 1.5' PLUS 1-1/2 TIMES OUTSIDE DIAMETER OF PIPE OR 2.5', WHICHER IS GREATER (TYPICAL)

CONCRETE AND DUCTILE IRON PIPE

THERMOPLASTIC PIPE

METAL PIPE

NOTES:

1. ALL MATERIALS EXCEPT A.C.P. AND BEDDING MATERIAL SHALL BE COMPACTED IN 6-INCH MAXIMUM LIFTS TO 95% DENSITY.

2. PIPE ZONE BEDDING SHALL CONFORM TO SECTION 9-03.12(3) OF WSDOT/APWA STANDARD SPECIFICATIONS EXCEPT 100% SHALL PASS 1'.

3. COMPACTION: BEDDING AND BACKFILL WITHIN THE PIPE ZONE SHALL BE COMPACTED TO 95% MAX. AS DETERMINED BY ASTM D1557. BACKFILL ABOVE THE PIPE ZONE SHALL BE COMPACTED TO 85% IN UNPAVED AREAS, AND 95% IN PAVED OR SHOULDER AREAS AS DETERMINED BY ASTM D1557.

4. ALL MATERIALS, WORKMANSHIP, AND INSTALLATION SHALL BE IN CONFORMANCE WITH THE MOST CURRENT WSDOT STANDARD SPECIFICATIONS AS AMENDED BY THE CITY OF OLYMPIA PUBLIC WORKS STANDARDS.

5. FOR LONGITUDINAL TRENCH CUTS WITHIN TRAVEL LANE, CITY REQUIRES MINIMUM OF ONE LANE OVERLAY IN ADDITION TO TRENCH PATCH DETAIL FOR CONCRETE AND ASPHALT ROADWAYS. ADDITIONAL OVERLAY MAY BE REQUIRED DEPENDING ON LOCATION AND TRENCHING WIDTH. SEE SECTION 4B.180 TRENCH BACKFILL AND 4B.175 PAVEMENT RESTORATION FOR DETAIL REQUIREMENTS.

APPROVED BY
FRAN R. EIDE, PE
CITY ENGINEER

REVISED DATE
9/1/2015

CITY OF OLYMPIA
TRENCH—PAVEMENT RESTORATION DETAIL
STD. DWG. NO.
4-8