TRENCH DETAIL FOR RCP OR DICL PIPE

W = MAXIMUM TRENCH WIDTH
PW = MAXIMUM PAVING WIDTH = W+1'-0"
D = OUTSIDE DIAMETER
UNSHEATHED TRENCH: W = D+2'(3'-0" MIN.)
SHEATHED TRENCH: W = D+2'+SHEATHING WIDTH:
4'-2"MIN. W/O WALTERS
5'-0" MIN. W/WALTERS
TRENCH BOX OR HYDRAULIC SHORING: W = D+2' + [WALL SHIELD WIDTH ≤ 8"] + 1' FOR TRENCH BOX

GRAVEL PLACED AND COMPACTED TO 95% IN 8" LAYERS
6" + ½"D GRAVEL PLACED AND COMPACTED TO 95% IN 6" LAYERS
½D HAUNCHING AREA
SCREENED GRAVEL COMPACTED TO 95%
6" BEDDING AREA
EXCAVATION DEPTH VARIES WITH SOIL CONDITIONS

EXISTING BIT. CONC. ROADWAY
EXISTING BIT. CONC. TEMPORARY PAVEMENT

SHEATHING AS DIRECTED
RCP OR DICL PIPE
SCREENED GRAVEL
SCREENED GRAVEL
SCREENED GRAVEL
EXISTING SOIL

W = MAXIMUM TRENCH WIDTH
PW = MAXIMUM PAVING WIDTH = W+1'-0"
D = OUTSIDE DIAMETER
UNSHEATHED TRENCH: W = D+2'(3'-0" MIN.)
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