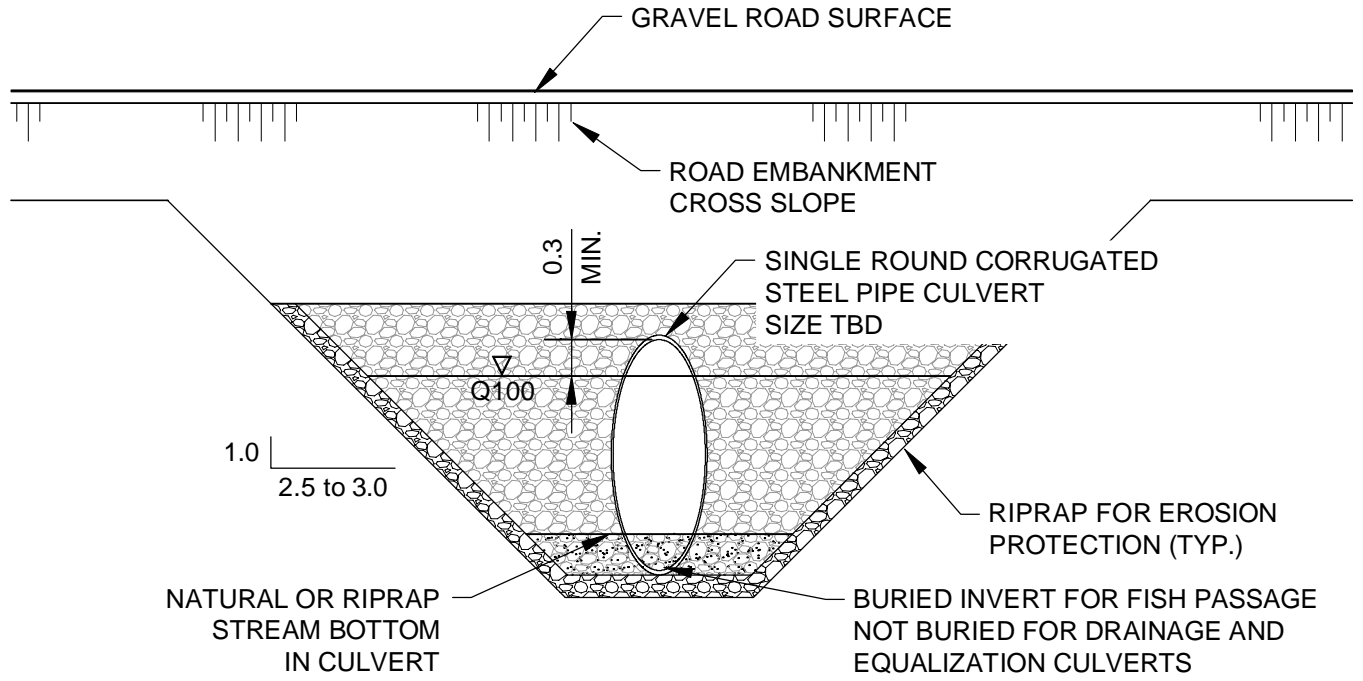
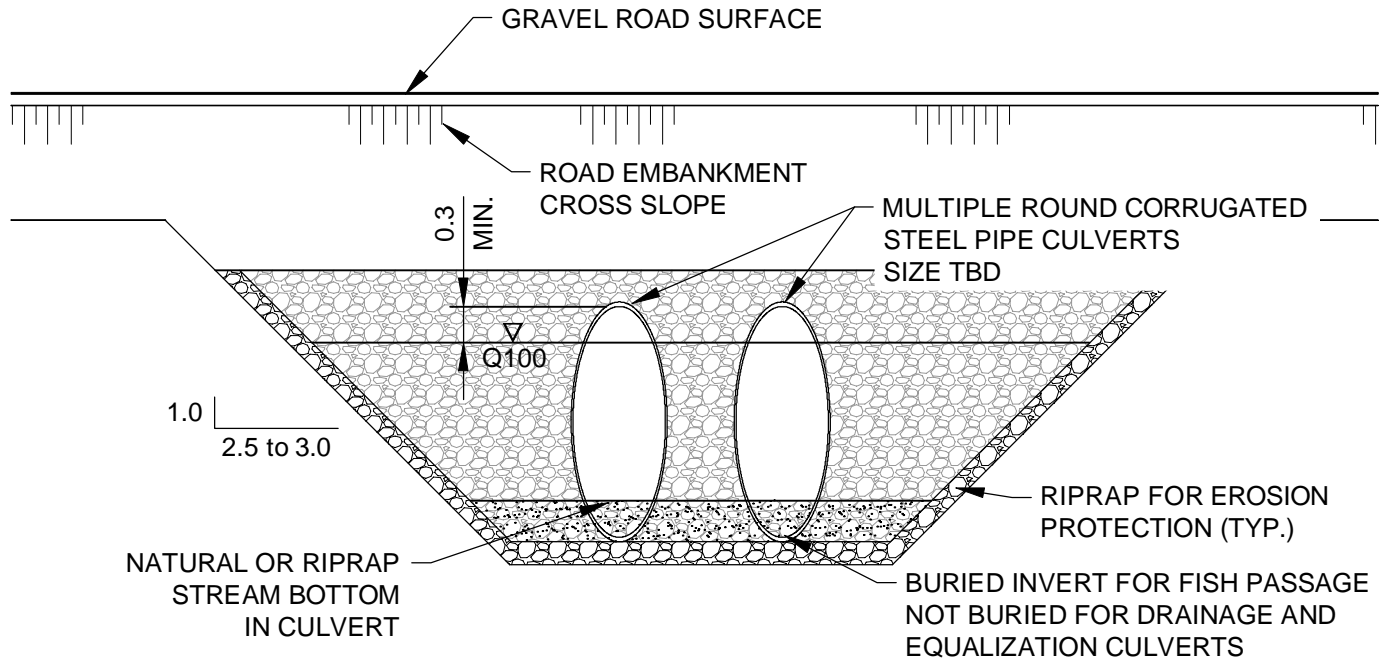


Appendix 3-2: Representative Watercourse Crossing Design Drawings



ELEVATION



ELEVATION

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DATE: 2015-09-17



Associated Engineering

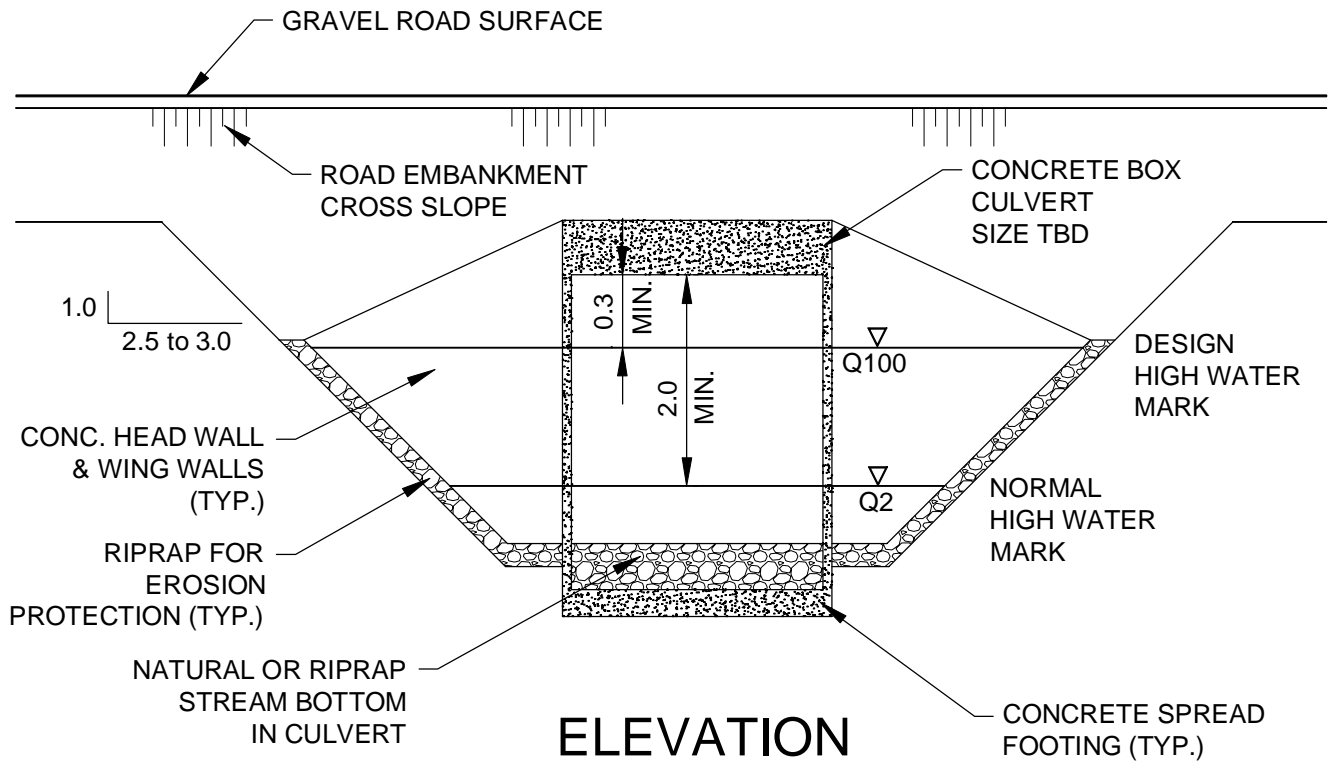
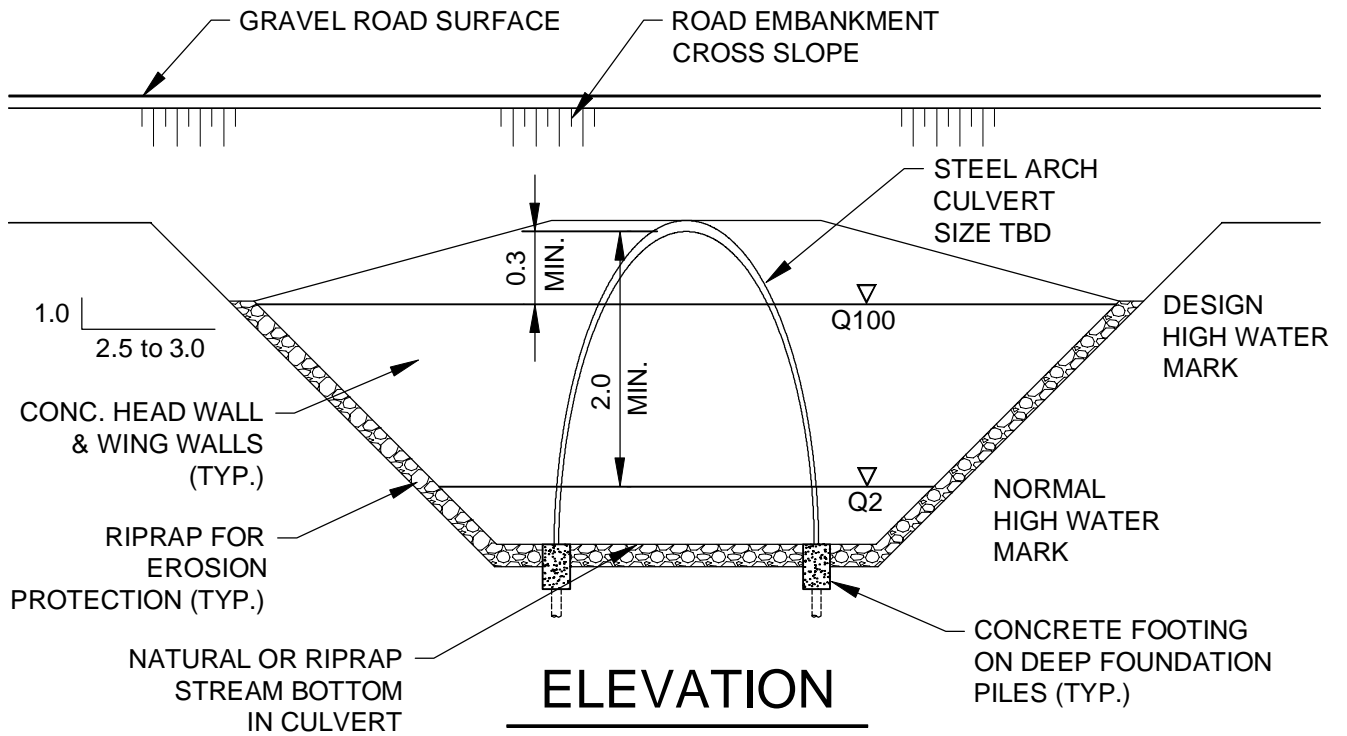


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FIGURE No. 2

MANITOBA EAST SIDE ROAD AUTHORITY
P4 ALL-SEASON ROAD

BERENS RIVER FN TO POPLAR RIVER FN
TYPICAL SINGLE AND MULTI CSP CULVERTS



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Associated Engineering

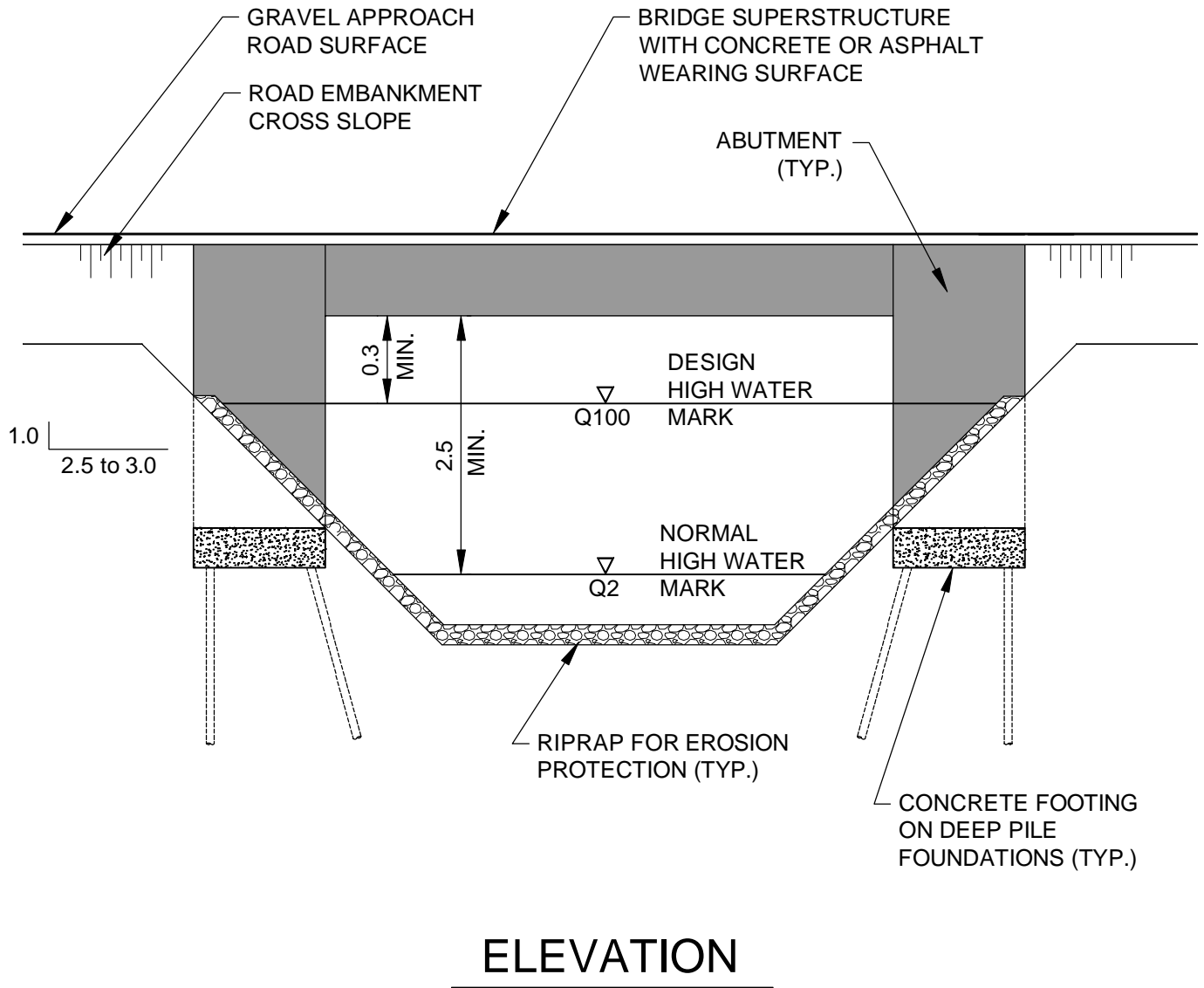


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FIGURE No. 3

MANITOBA EAST SIDE ROAD AUTHORITY
P4 ALL-SEASON ROAD

BERENS RIVER FN TO POPLAR RIVER FN
TYP STEEL ARCH AND CONC BOX CULVERTS

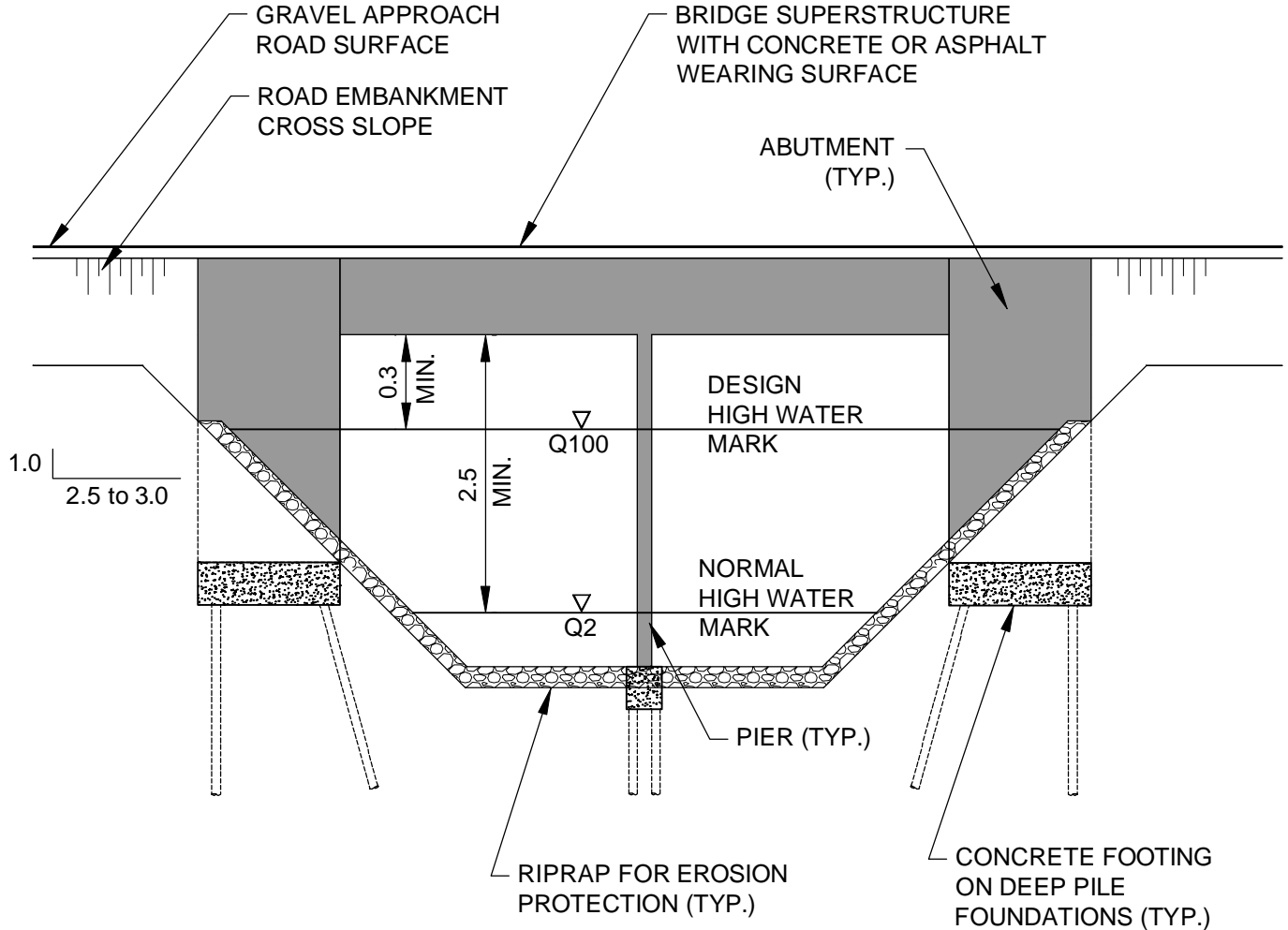


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FIGURE No. 4
MANITOBA EAST SIDE ROAD AUTHORITY
P4 ALL-SEASON ROAD
BERENS RIVER FN TO POPLAR RIVER FN
TYPICAL CLEAR SPAN BRIDGE



ELEVATION

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FIGURE No. 5
MANITOBA EAST SIDE ROAD AUTHORITY
P4 ALL-SEASON ROAD
BERENS RIVER FN TO POPLAR RIVER FN
TYPICAL 2 SPAN BRIDGE