ENCLOSE ENDS WITH 8" BRICK MASONRY (WATERTIGHT GROUT AS REQUIRED)

STEEL SPACER

RESTRAINED JOINT D.I.P. CARRIER

DRAINAGE GRAVEL (10 CU. FT. STONE)

3/4" WEEPHOLE AT LOW POINT OF CASING

SLOPE TO DRAIN

2" GALVANIZED VENT AT HIGH END OF CASING. VENT TO HAVE INSECT SCREEN WELDED TO END. VENT TO BE LOCATED AT RAILROAD R/W

3'-0"
GRADE

CARRIER PIPE

STEEL ENCASEMENT PIPE

ELEVATION

NOTES:
1. STEEL SPACERS SHALL BE USED FOR SUPPORT OF THE CARRIER PIPE WITHIN THE CASING PIPE. FOR RAILROAD CROSSINGS WITH IMPRESSED CURRENT OR WITH ENCASEMENT PIPES REQUIRING CATHODIC PROTECTION, STEEL SPACERS WITH EPDM OR COMPOSITE CONTACT SURFACES SHALL BE USED.
2. A MINIMUM SPACING OF 2 SPACERS PER JOINT OF CARRIER PIPE SHALL BE REQUIRED. 3 SPACERS ARE REQUIRED FOR CARRIER PIPE ≥ 36 INCHES.
3. THE SPACERS SHALL BE LOCATED EVENLY ALONG THE CARRIER PIPE SUCH THAT EACH SPACER SUPPORTS THE SAME UNIT WEIGHT OF THE CARRIER MAIN.
4. THE PROPOSED ENCASEMENT PIPE & CARRIER PIPE SHALL COMPLY WITH ALL APPLICABLE CARY & OTHER JURISDICTIONAL REQUIREMENTS, WHICHEVER IS MORE STRINGENT.
5. NO BLASTING ALLOWED IN RAILROAD RIGHT-OF-WAY.

EFFECTIVE: 05/15/20

STEEL ENCASEMENT & CARRIER PIPE - UNDER RAILROAD