

ONE LINE IN TRENCH

TWO LINES IN TRENCH

## NOTES:

- 1. WHERE WATERLINES INTERSECT STORM DRAINS OR CULVERTS, INSTALL WATERLINE WITH FROST SHIELD. EXTEND FROST SHIELD A MINIMUM OF 3-FEET ON BOTH SIDES STORM DRAIN OR CULVERT.
- 2. INSULATION SHALL BE 3-INCH THICK INSULATION BOARD (DOW STYROFOAM HIGHLOAD 60 INSULATION OR APPROVED EQUAL).
- ALL BACKFILL MATERIAL, INCLUDING SPECIAL BEDDING AND PIPE ZONE
  MATERIAL, SHALL BE COMPACTED TO AT LEAST 95% DENSITY TO PROVIDE AN
  ADEQUATE FOUNDATION FOR THE CULVERT AND ROADWAY.
- 4. INSTALL TRACER WIRES AS REQUIRED (STD. PLAN 540, 541 AND 545)



DATE	
3/2014	
REV.	
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## PIPE INSULATION AT STORM DRAIN CROSSINGS

STD. PLAN

546