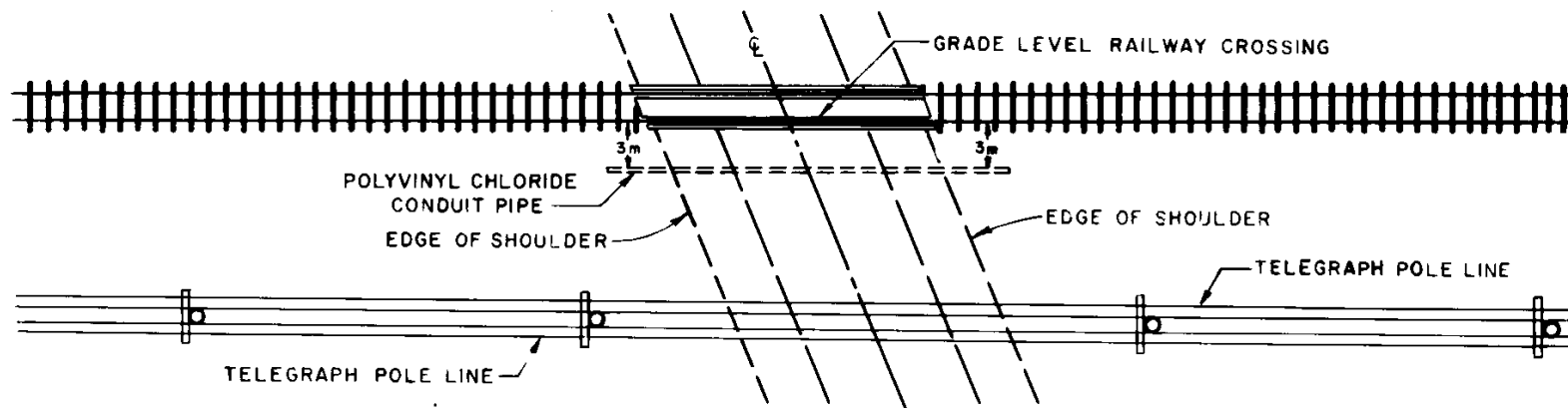


### TYPICAL CROSS SECTION OF UNDERGROUND CONDUIT INSTALLATION THROUGH ROADBED



### PLAN VIEW SHOWING UNDERGROUND CONDUIT INSTALLATION ADJACENT TO GRADE LEVEL RAILWAY CROSSING

**NOTE:**

- UNDERGROUND CONDUITS ARE TO BE ESTABLISHED AT A MINIMUM 0.5% GRADE TO PROVIDE SELF DRAINAGE.
- TRENCH BACKFILL SHALL BE PLACED IN LAYERS NOT EXCEEDING 150mm AND EACH LAYER SHALL BE THOROUGHLY COMPACTED WITH PNEUMATIC OR OTHER MECHANICAL TAMPING EQUIPMENT.
- AT GRADE LEVEL RAILWAY CROSSINGS, UNDERGROUND CONDUITS ARE TO BE INSTALLED ON THE TELEGRAPH POLE LINE SIDE OF THE TRACK AT A DEPTH OF 0.75m BELOW TOP OF RAIL AND ARE TO BE LOCATED PARALLEL TO AND AT A DISTANCE OF 3.0m FROM THE NEAREST RAIL.

**Alberta**  
TRANSPORTATION  
Engineering Division

DWG No	CB - 6 2.7.MI
Date	
Original	Mar. 1979
Revised	

### DETAILS OF UNDERGROUND CONDUIT INSTALLATION