ELEVATION SHOWING CIRCULAR PIPE STUBBED INTO BOX CULVERT BARREL OR Wing-Wall

NOTE:
1. A 600-mm DIAMETER PIPE IS THE MAXIMUM SIZE THAT MAY BE STUBBED INTO A 1350-mm DIAMETER PIPE.
2. A 750-mm DIAMETER PIPE IS THE MINIMUM SIZE THAT A 700-mm DIAMETER PIPE MAY BE STUBBED INTO.

MINIMUM 1350-mm CIRCULAR OR 1485 X 915-mm ARCH

MINIMUM COVER TO CIRCULAR PIPE IS 1350 mm

MINIMUM COVER TO ARCH PIPE IS 1350 mm

ELEVATION SHOWING PIPE CULVERT STUBBED INTO CONCRETE PIPE CULVERT

NOTE: TYPICAL INSTALLATION FOR MEDIAN STUB TO CROSSING DRAIN WITH MINIMUM COVER.

TYPICAL PLAN OF BRANCH CONNECTION TO BOX CULVERT WING-WALL

GENERAL NOTES:
1. PAYMENT FOR WORK AND MATERIALS FOR STUBBING A PIPE CULVERT INTO A BOX CULVERT OR CONCRETE PIPE SHALL BE PAID FOR AS A BRANCH CONNECTION OF THE APPROPRIATE SIZE, TYPE AND DESCRIPTION.
2. A 1500-mm DIAMETER PIPE IS THE MINIMUM SIZE THAT A 750-mm DIAMETER PIPE MAY BE STUBBED INTO.
3. THE REINFORCEMENT OF THE INTERSECTED BOX OR PIPE SHALL BE CUT AS NECESSARY TO ACCOMMODATE THE STUBBED PIPE.
4. THE CONTRACTOR MAY INSERT THE INTERSECTING PIPE INTO THE FORM AT THE PROPER LOCATION IN LIEU OF FORMING BY BLOCKING OUT.

MINNESOTA DEPARTMENT OF TRANSPORTATION ROADWAY DIVISION STANDARD PLAN

BRANCH CONNECTIONS