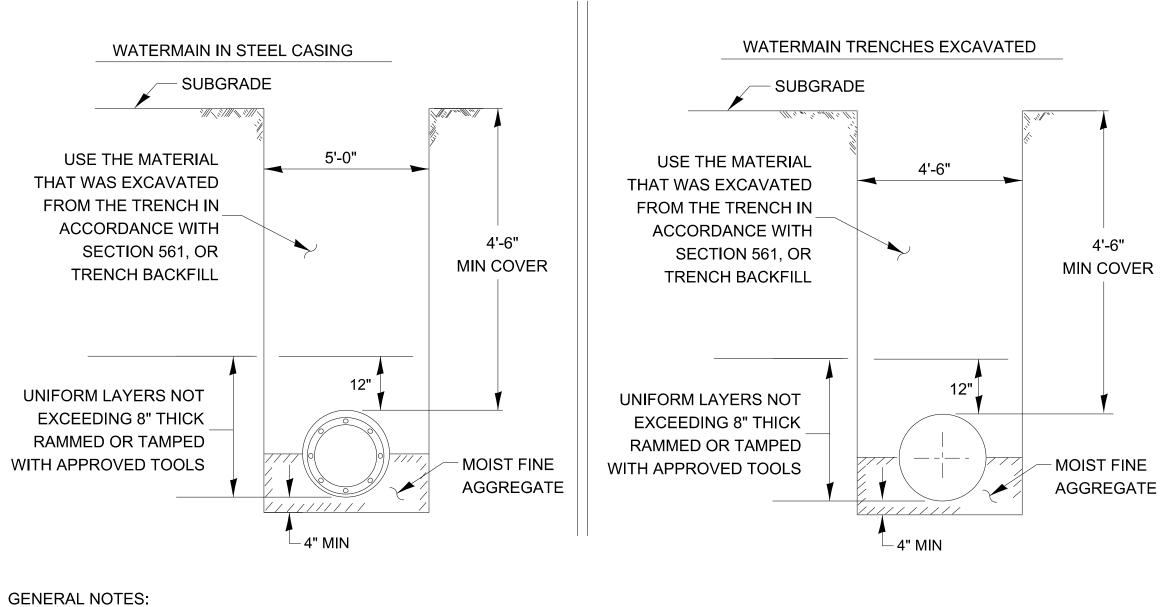
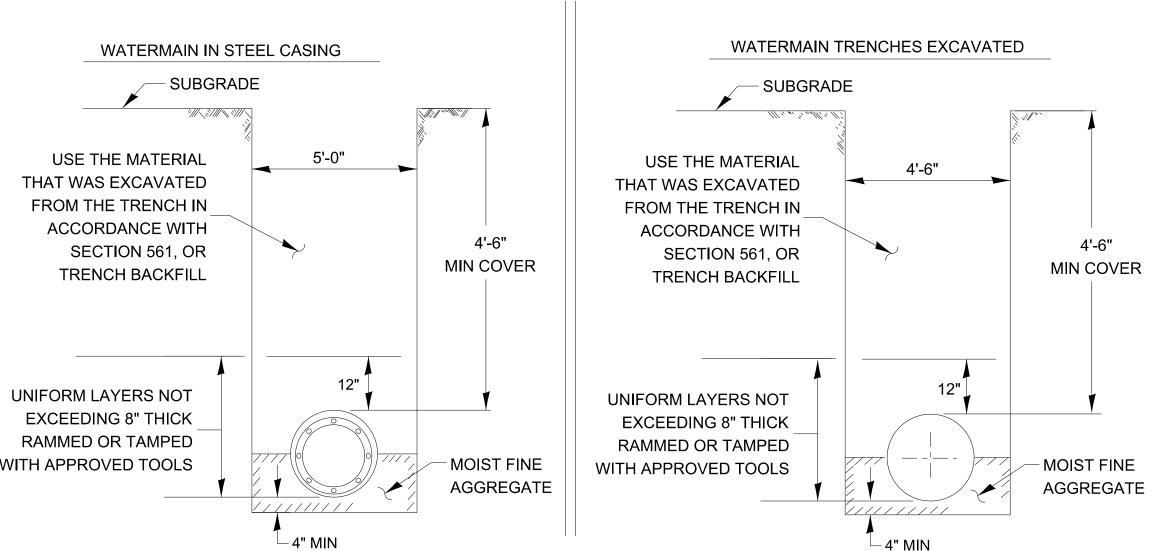


STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION							F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
							CONTRACT NO.				
	SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				

BACKFILL OPTIONS: METHOD 1: UNIFORM LAYERS NOT EXCEEDING 12" THICK RAMMED OR TAMPED WITH APPROVED TOOLS METHOD 2: UNIFORM LAYERS NOT EXCEEDING 12" THICK INUNDATED OR DEPOSITED IN WATER METHOD 3: FILL TRENCH WITH LOOSE MATERIAL THEN JET WITH WATER, 6 FT SPACING OF HOLES.

- PIPE GRADE AND REPLACED WITH WELL COMPACTED MOIST FINE AGGREGATE.
- REPLACED WITH WELL COMPACTED MOIST FINE AGGREGATE.





1. ANY SOFT OR SPONGY MATERIAL ENCOUNTERED BELOW THE ELEVATION OF THE PIPE SHALL BE REMOVED AND

2. ANY ROCK ENCOUNTERED IN THE TRENCH SHALL BE REMOVED TO A DEPTH OF AT LEAST 8 INCHES BELOW THE

3. THE SIDES OF THE TRENCH MAY BE SLOPED OR BENCHED ABOVE A 5 FT TRENCH DEPTH OR ABOVE THE ELEVATION OR THE TOP OF PIPE, WHICHEVER IS GREATER, IN LIEU OF COMPLETE SHORING OR SHEETING OF THE FULL TRENCH DEPTH.

561-4

WATERMAIN INSTALLATION REQUIREMENTS