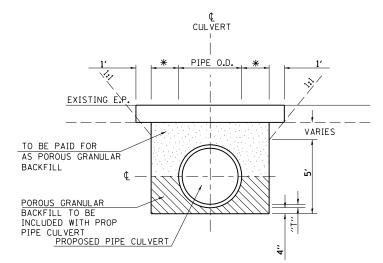
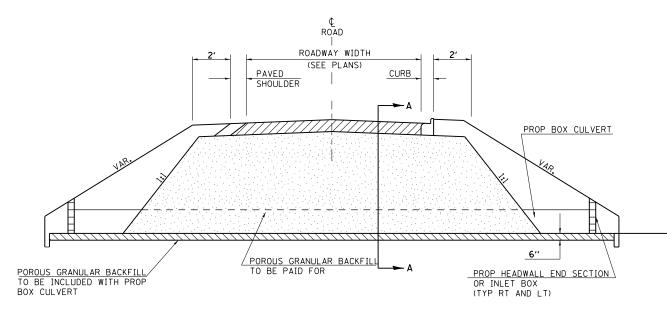


SECTION A-A: PROPOSED BOX TRENCH DEPTH GREATER THAN 5' SHORING REQUIRED

"T" = WALL THICKNESS OF CULVERT



SECTION B-B: PROPOSED PIPE CULVERT TRENCH DEPTH GREATER THAN 5' SHORING REQUIRED



PROFILE SECTION THRU BOX CULVERT ACROSS ROADWAY

PROP SOD OR ROADWAY ITEM

EXISTING GROUND LINE

POROUS GRANULAR BACKFILL

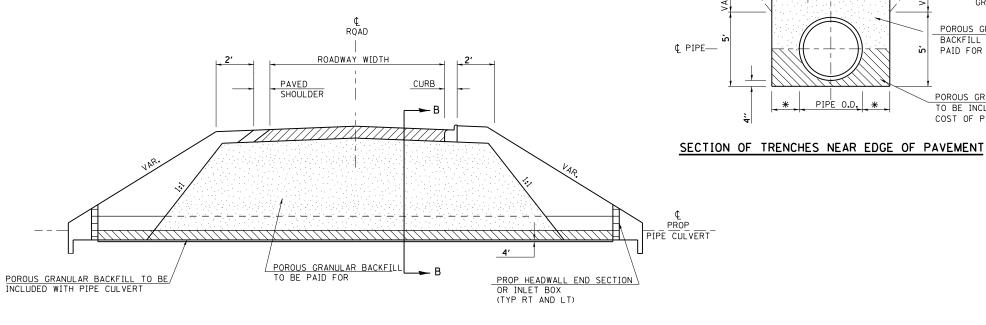
TO BE INCLUDED WITH THE COST OF PIPE CULVERT

POROUS GRANULAR
BACKFILL TO BE

PAID FOR

Ů PIPE

OR LESS



PROFILE SECTION THRU PIPE CULVERT ACROSS ROADWAY

* 9" + PIPE OD + 9" WHEN TRENCH DEPTH < 5'. 18" + PIPE OD + 18" WHEN TRENCH DEPTH > 5'.

1	FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -		DETAIL: POROUS GRANULAR BACKFILL					F.A.P.	SECTION	COUNTY	SHEET NO.
	c:\pw_work\pwidot\kranzjc\d0308025\7832	0-shtı-detaıls.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS		DETAIL TOHOUG GHANGLAN DAGNILL					D9 SAFETY 2013-1	WILLIAMSON	112 56
		PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION								CONTRACT	T NO. 78320
	\$MODELNAME\$	PLOT DATE = 10/18/2013	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS STA.	TO STA.		ILLINOIS FED. AID PROJECT		