

CONCRETE HEADWALL FOR PIPE DRAIN  
(SEE HIGHWAY STANDARD 601101)

TOPSOIL FURNISH & PLACE, 4"

1.5% (MIN.)

PIPE UNDERDRAINS 4"  
P HMA SC "F" N90, 1 3/4"  
P HMA BC IL19.0 N90, 2 1/4"  
PCC BSE CSE 10"  
SUB GRAN MAT B 12"

**PIPE UNDERDRAINS (OUTLET TO SLOPE)**



USER NAME = *USER*	DESIGNED - JRS	REVISED -
DRAWN - JMR	CHECKED - APS	REVISED -
PLOT SCALE = *SCALE*	DATE - 05/01/2011	REVISED -
PLOT DATE = *DATE*		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

KEDZIE AVENUE PROJECT  
MISCELLANEOUS DRAINAGE DETAILS

SCALE: 1"=50' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	1313.1B-1	COOK	162	54
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K14	