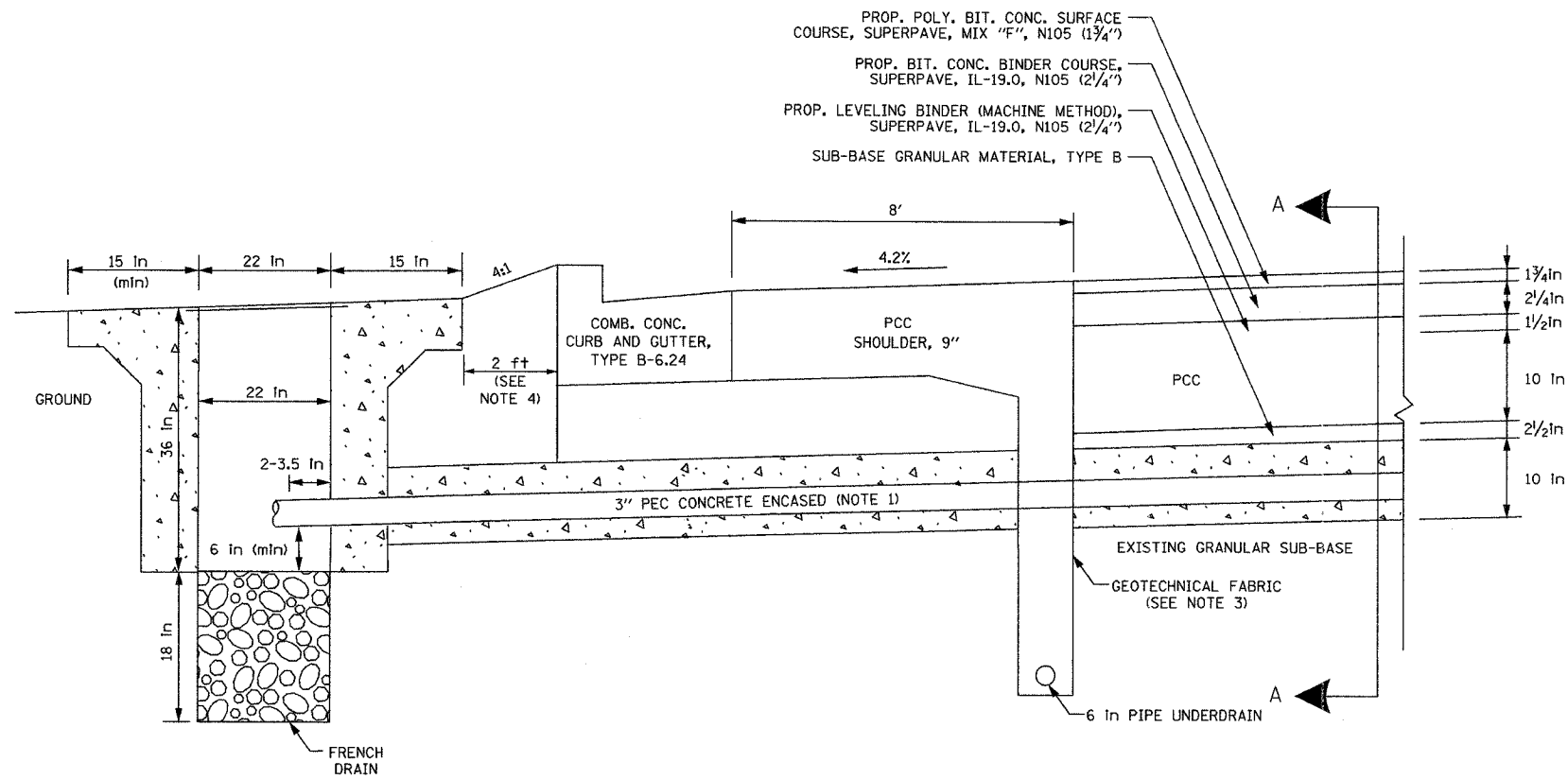
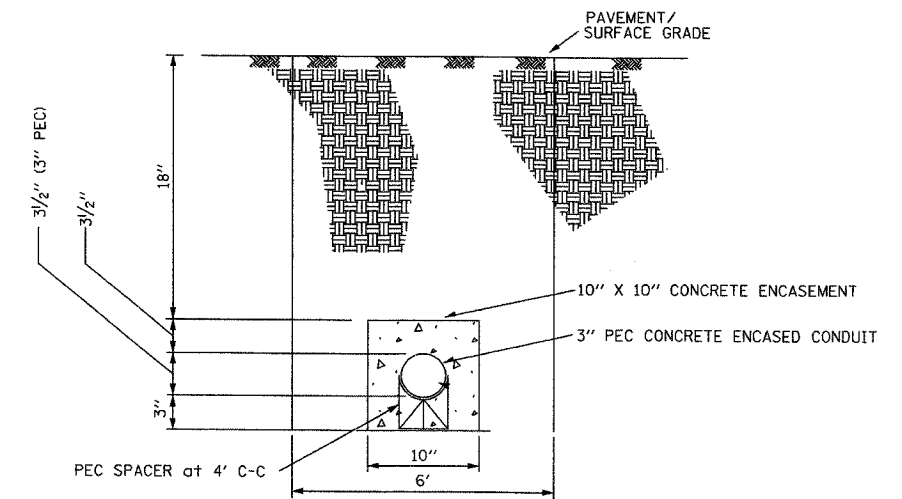


SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2003-0311	COOK	976	435
STA. 2003-0311	TO STA.		
FED. ROAD DIST. NO. 62583	ILLINOIS	FED. AID PROJECT	



HEAVY DUTY HANDHOLE OUTSIDE EXISTING MAINLINE SHOULDER (TYPICAL)



SECTION A-A  
TYPICAL 3" PEC CONCRETE ENCASED CONDUIT UNDER PAVEMENT DETAIL  
(FOR MICROLOOP INSTALLATION IN EXISTING MAINLINE PAVEMENT)

THIS SHEET PROVIDED FOR REFERENCE ONLY,  
ALL WORK SHOWN TO BE BY OTHERS

NOTES

1. 3" PEC CONCRETE ENCASED CONDUIT IS REQUIRED ONLY WHERE SHOWN ON THE PLAN DRAWINGS. WHEN INSTALLED, THE CONDUIT MUST MAINTAIN THE SAME ANGLE AS THE PAVEMENT THROUGHOUT ITS ENTIRE LENGTH.
2. FOR HANDHOLE DETAIL SEE SHEET DT-47.
3. WHEN INSTALLING CONDUIT NEAR OR THROUGH UNDERDRAIN GEOTECHNICAL FABRIC, THE CONTRACTOR SHALL MAINTAIN THE INTEGRITY AND UNIFORMITY OF THE UNDERDRAIN FABRIC THROUGH OVERLAP TO THE SATISFACTION OF THE ENGINEER.
4. FOR HANDHOLE INSTALLATION BEHIND SHOULDER WITHOUT CURB, INSTALL HANDHOLE 2 FT BEHIND EDGE OF SHOULDER.

**Edwards  
AND Kelcey**  
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FAX: (312) 251-3015  
WEB: WWW.EKCORP.COM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31st STREET to I-57

TYPICAL HANDHOLE INSTALLATION DETAIL -  
EXISTING BISHOP FORD MAINLINE SHOULDER

SCALE: NTS  
DATE: October 29, 2004  
DRAWN BY: MJP  
CHECKED BY: MJL

DT-29A

10/15/2004 10:33:12 AM