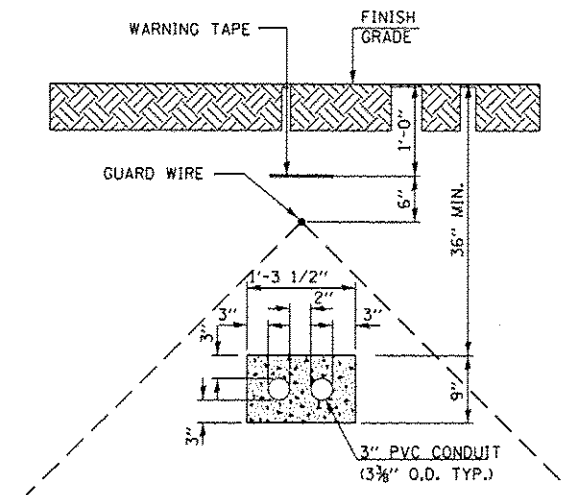
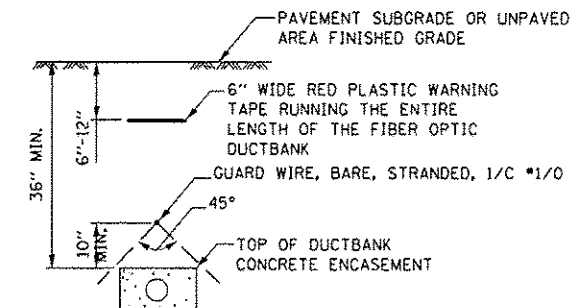


**DETAIL E**  
**CONCRETE ENCASED DUCT BANK**  
**1-WAY, 2" PVC, NON-REINFORCED**



**DETAIL F**  
**CONCRETE ENCASED DUCT BANK**  
**2-WAY, 3" PVC, NON-REINFORCED**



**NOTES:**

GUARD WIRE MUST BE BONDED TO THE EARTH ELECTRODE SYSTEM (EES) AT EACH CONDUIT END, AND TO GROUND RODS AT APPROXIMATELY 90-FOOT INTERVALS USING EXOTHERMIC WELDS. SPACING BETWEEN GROUND RODS MUST VARY BY 10% TO 20% TO PREVENT RESONANCE. INSTALL THE GROUND RODS AT APPROXIMATELY 6 FEET ON EITHER SIDE OF TRENCH.

**DETAIL G**  
**LOCATION OF FAA DUCT BANK**  
**GUARD WIRE AND WARNING TAPE**

**HNTB**

USER NAME = mkoar	DESIGNED <i>SJM</i>	REVISED -
	DRAWN <i>SJM</i>	REVISED -
PLOT SCALE = 2:1	CHECKED <i>SPG</i>	REVISED -
PLOT DATE = 26-DEC-2012	DATE	REVISED  12/28/12 ADDENDUM 1

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**NAVAIDS**  
**FAA ELECTRICAL DUCT BANK DETAILS**

SCALE: N.T.S. SHEET NO. 5 OF 6 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	0105 WRS&HB	COOK	605	605AR
CONTRACT NO. 60637				
ILLINOIS FED. AID PROJECT				

**ADDED SHEET**  
**FAA-44**