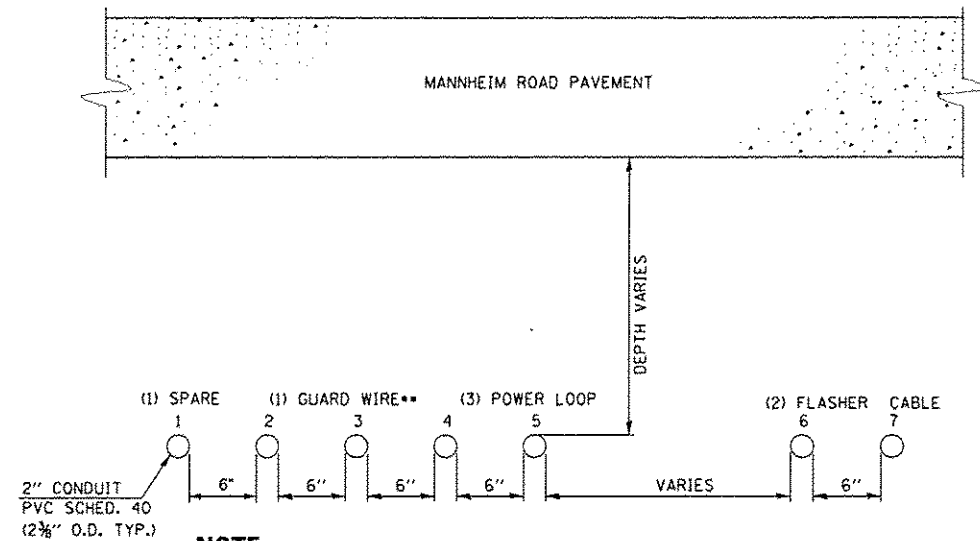
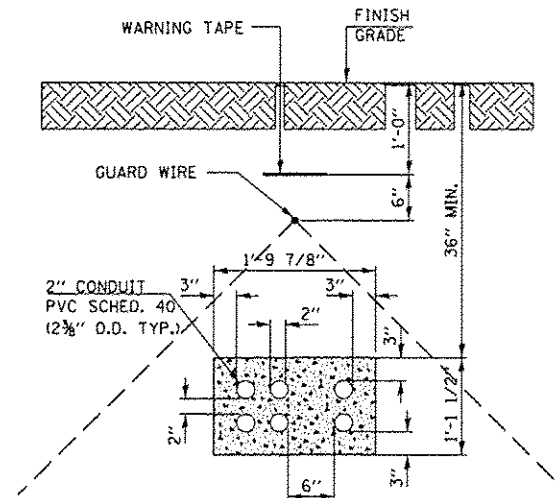




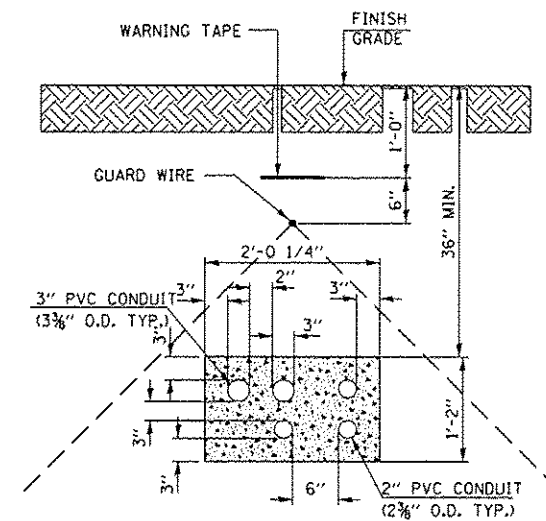
NOTE:

1. CONNECT GROUND WIRE TO THE PVC COATED GRS DUCT AND A GROUND ROD AT EACH END OF THE DIRECTIONAL BORE, VIA EXOTHERMIC WELDS; SEE SPECIFICATIONS FOR MORE INFO.

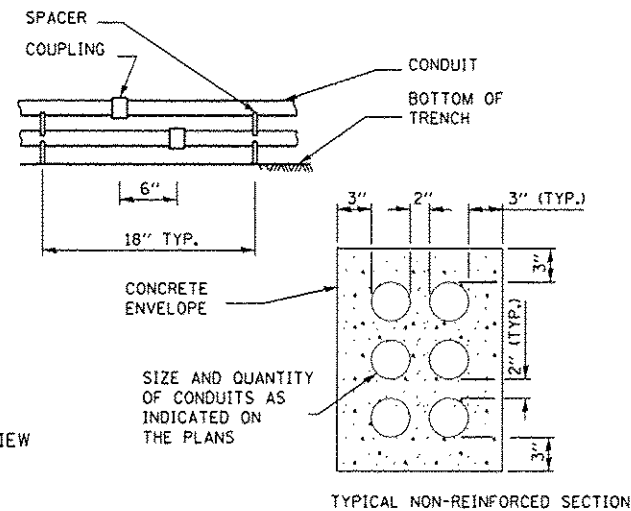
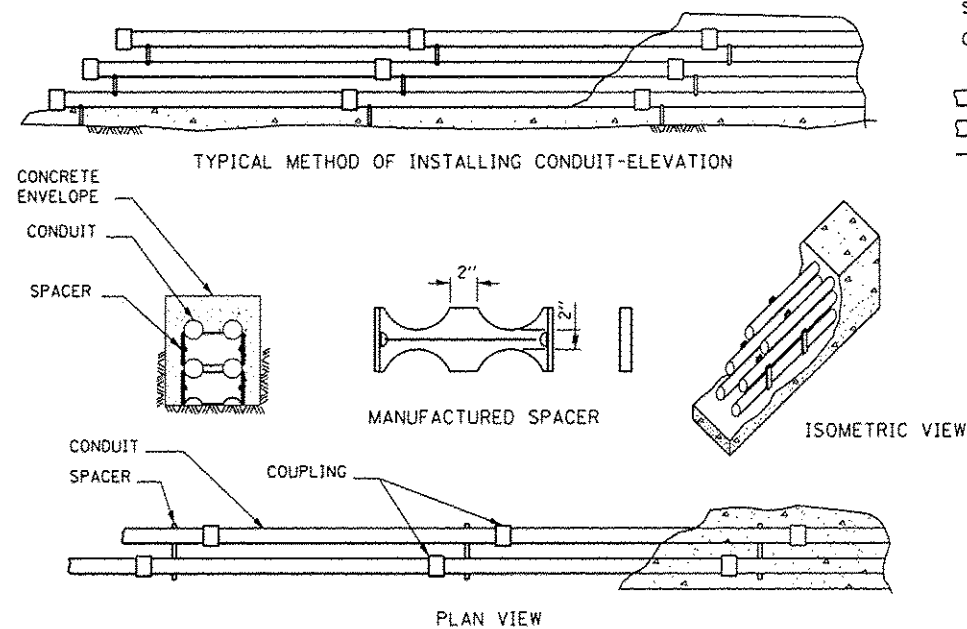
DETAIL A
DIRECTIONALLY BORED DUCTS
7-WAY, 2" PVC COATED GRS



DETAIL B
CONCRETE ENCASED DUCT BANK
6-WAY, 2" PVC, NON-REINFORCED

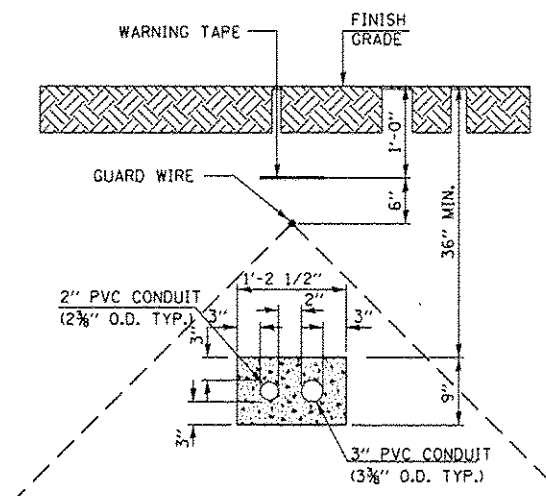


DETAIL C
CONCRETE ENCASED DUCT BANK
5-WAY, 2" PVC, NON-REINFORCED



1. PROVIDE CONDUITS OF SIZES AS CALLED FOR ON THE PLANS.
2. INSTALL CONDUITS AT A MINIMUM SLOPE OF 3"/100' TOWARD MANHOLES OR HANDHOLES FOR DRAINAGE.

TYPICAL NON-REINFORCED
DUCTBANK INSTALLATION



DETAIL D
CONCRETE ENCASED DUCT BANK
2-WAY, 2" PVC, NON-REINFORCED

NOTES:

1. ALL CONCRETE ENCASED DUCT BANKS MUST HAVE:
 - A) A 2" MINIMUM SEPARATION BETWEEN OUTSIDE SURFACE OF CONDUITS.
 - B) A 3" MINIMUM CONCRETE COVER BETWEEN OUTSIDE SURFACE OF THE CONDUITS AND OUTSIDE SURFACE OF THE DUCTBANK.
2. INSTALL CONDUITS AT A MINIMUM SLOPE OF 3"/100' TOWARD MANHOLES OR HANDHOLES FOR DRAINAGE.
3. WHERE COLD SPLICES ARE REQUIRED BETWEEN CONCRETE POURS, THE CONCRETE
4. FACE AT THE END OF A POUR MUST BE LEFT AS A 45 SLOPED SPLICE FACE. SEE TYPICAL DUCTBANK DETAILS ON SHEET FAA-26 FOR FURTHER INFORMATION.

HNTB

USER NAME = mkgm	DESIGNED <i>SJM</i>	REVISED -
PLOT SCALE = 2:1	DRAWN <i>SJM</i>	REVISED -
PLOT DATE = 26-DEC-2012	CHECKED <i>SPG</i>	REVISED -
	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. 4 OF 6 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE. 330	SECTION 0105 WRS&HB	COUNTY COOK	TOTAL SHEETS 605	SHEET NO. 605AQ
CONTRACT NO. 60G37				ILLINOIS FED. AID PROJECT

ADDED SHEET
FAA-43