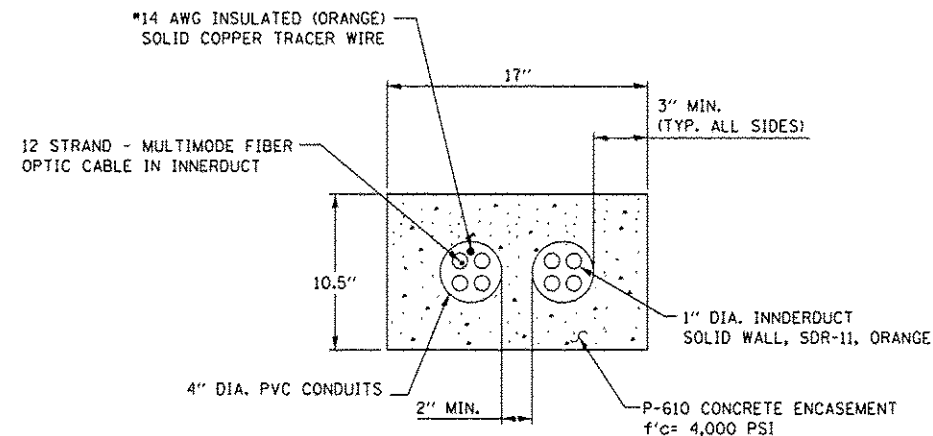


DETAIL A

DIRECTIONALLY BORED CONDUIT UNDER PAVEMENT

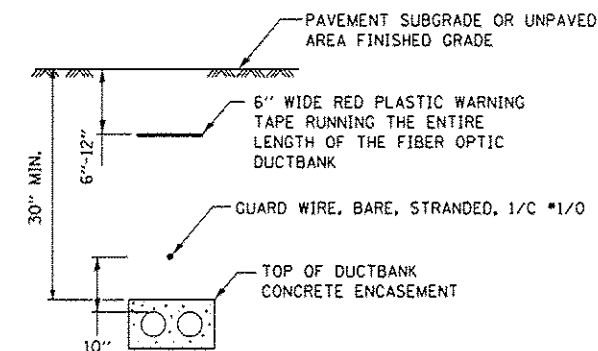
NOTES:

- ALL CONCRETE ENCASED DUCT BANKS MUST HAVE:
 - A 2" MINIMUM SEPARATION BETWEEN OUTSIDE SURFACE OF CONDUITS.
 - A 3" MINIMUM CONCRETE COVER BETWEEN OUTSIDE SURFACE OF THE CONDUITS AND OUTSIDE SURFACE OF THE DUCTBANK.
- INSTALL CONDUITS AT A MINIMUM SLOPE OF 3"/100' TOWARD MANHOLES OR HANDHOLES FOR DRAINAGE.
- WHERE COLD SPLICES ARE REQUIRED BETWEEN CONCRETE POURS, THE CONCRETE FACE AT THE END OF A POUR MUST BE LEFT AS A 45 SLOPED SPLICE FACE.
- SEE TYPICAL DUCTBANK DETAILS ON SHEET FAA-43 FOR FURTHER INFORMATION.
- FOR DIRECTIONALLY BORED DUCTS, CONNECT GROUND WIRE TO GRS CONDUIT AND A GROUND ROD ON BOTH ENDS OF THE DIRECTIONALLY BORE, VIA EXOTHERMIC WELDS; SEE SPECIFICATIONS FOR MORE INFORMATION.

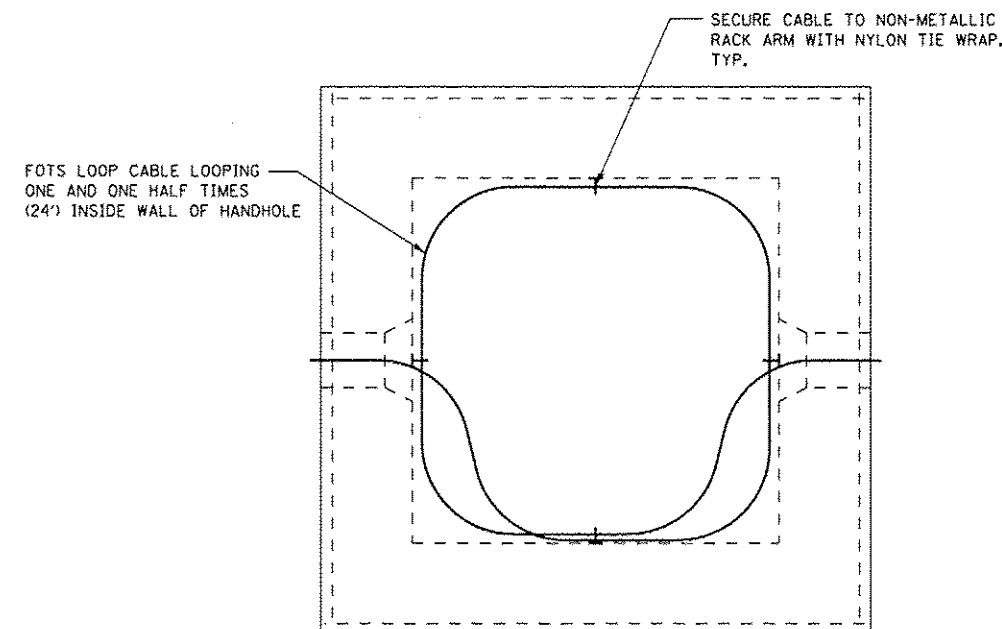


- ALL DUCTBANKS MUST HAVE:
- A 2" MINIMUM SEPARATION BETWEEN OUTSIDE SURFACE OF CONDUITS.
 - A 3" MINIMUM CONCRETE COVER BETWEEN OUTSIDE SURFACE OF THE CONDUITS AND OUTSIDE SURFACE OF THE DUCTBANK.

CONCRETE ENCASED DUCTBANK 2-WAY, 4" PVC, NON-REINFORCED



LOCATION OF FAA GUARD WIRE AND DUCTBANK WARNING TAPE



NOTES:

- CABLE BEND RADIUS FOR STATIC STORAGE MUST NOT BE LESS THAN 20 TIMES THE OUTSIDE DIAMETER OF THE CABLE AT ANY LOCATION OR AS RECOMMENDED BY THE MANUFACTURER.
- CABLE RACKS MUST BE HEAVY DUTY, STANDARD YELLOW FIBERGLASS REINFORCED NYLON WITH ADJUSTABLE ARMS.
- CABLES MUST BE LOOPED HORIZONTALLY ONE FOOT FROM TOP PORTION OF HANDHOLE INSIDE WALL.
- LENGTH OF RACK ARM MUST BE 6 INCHES.

TYPICAL FOTS LOOP CABLE SLACK DETAIL INSIDE FAA HANDHOLE

HNTB

USER NAME = mhovir	DESIGNED <i>SJM</i>	REVISED -
	DRAWN <i>SJM</i>	REVISED -
PLOT SCALE = 20	CHECKED <i>SPG</i>	REVISED -
PLOT DATE = 26-DEC-2012	DATE	REVISED 12/28/12 ADDENDUM 1

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FOTS LOOP 3
FAA ELECTRICAL DUCT BANK AND CABLE SLACK DETAILS

SCALE: N.T.S. SHEET NO. 3 OF 3 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	0105 WRS&HB	COOK	605	805Z
CONTRACT NO. 60G37				
ILLINOIS FED. AID PROJECT				

ADDED SHEET
FAA-26