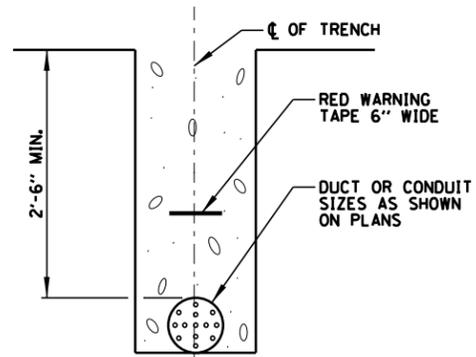


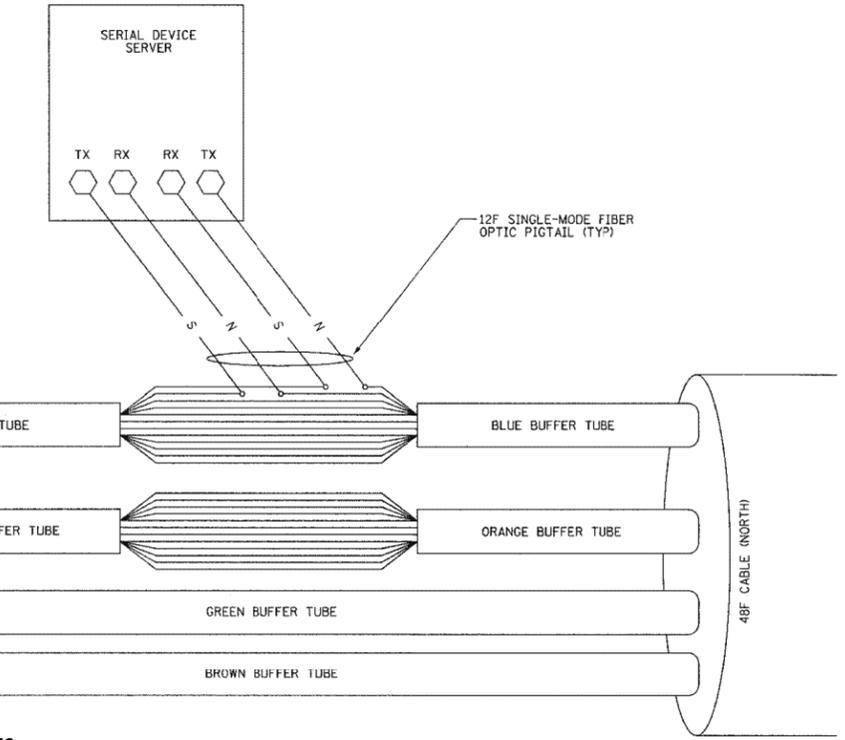
GROUND WELL DETAIL
N.T.S.



CONDUIT IN TRENCH DETAIL
N.T.S.

FIBER NO.	COLOR CODE	FUNCTION	APPLICATION DESCRIPTION
1	BLUE	IN TX	DATA CIRCUIT
2	ORANGE	IN RX	
3	GREEN	OUT RX	
4	BROWN	OUT TX	
5	SLATE	SPARE	FUTURE
6	WHITE	SPARE	
7	RED	SPARE	
8	BLACK	SPARE	DMS
9	YELLOW	IN TX	
10	VIOLET	IN RX	
11	ROSE	OUT RX	
12	AQUA	OUT TX	

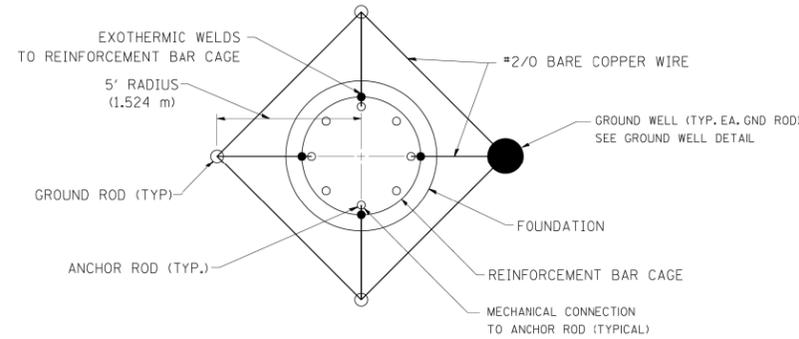
STANDARD 12-FIBER CABLE CONFIGURATION



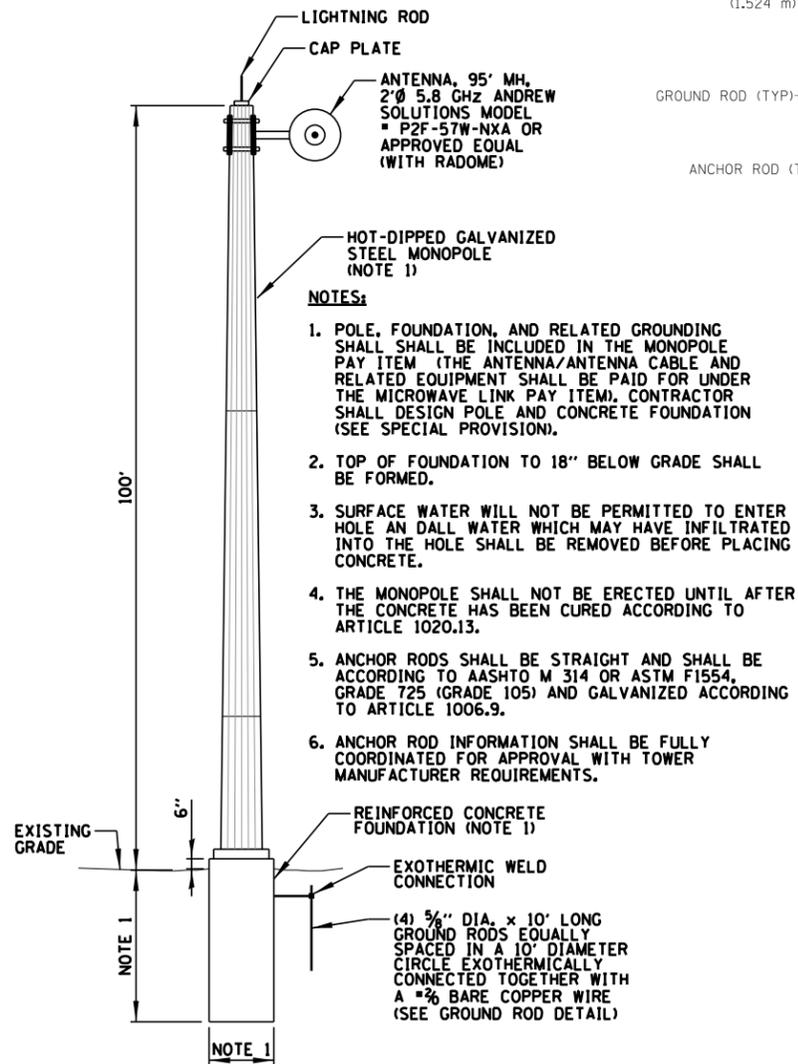
NOTES:

- CONTRACTOR SHALL VERIFY AND COORDINATE FIBERS TO BE SPLICED.

FIBER OPTIC SPLICING DETAIL
N.T.S.



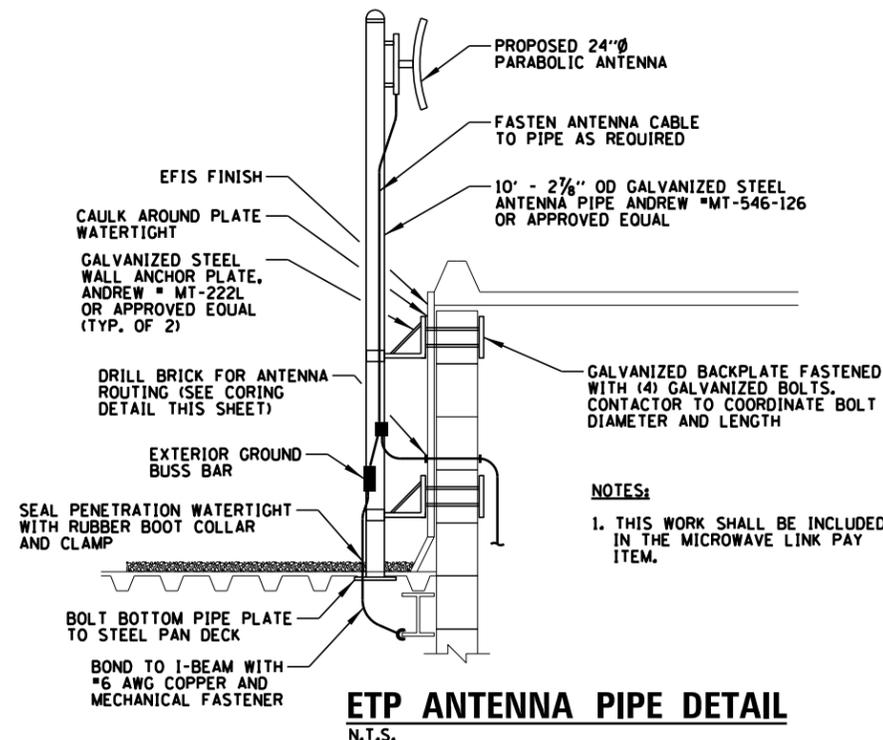
GROUND ROD DETAIL
N.T.S.



MONOPOLE DETAIL
N.T.S.

NOTES:

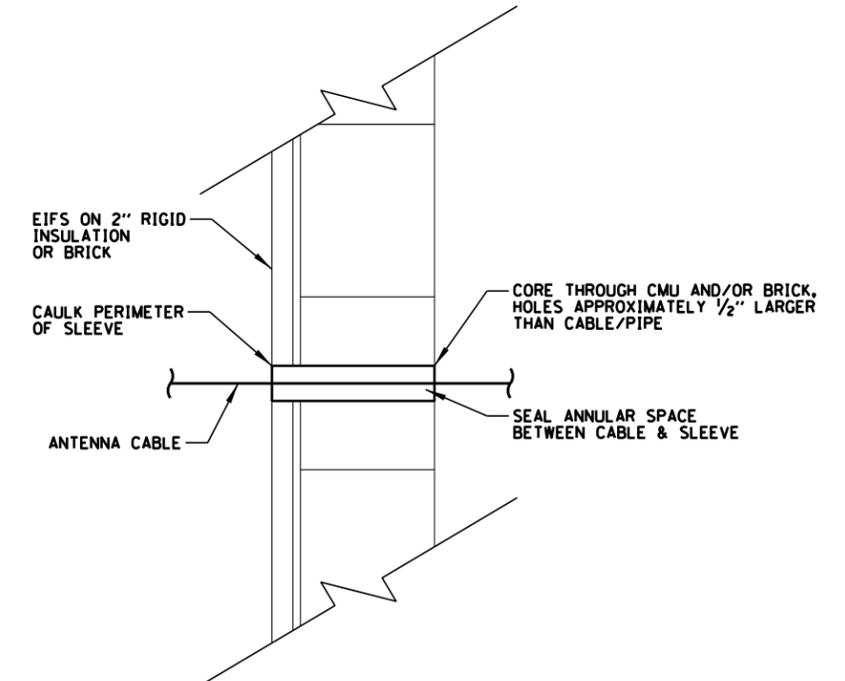
- POLE, FOUNDATION, AND RELATED GROUNDING SHALL BE INCLUDED IN THE MONOPOLE PAY ITEM (THE ANTENNA/ANTENNA CABLE AND RELATED EQUIPMENT SHALL BE PAID FOR UNDER THE MICROWAVE LINK PAY ITEM). CONTRACTOR SHALL DESIGN POLE AND CONCRETE FOUNDATION (SEE SPECIAL PROVISION).
- TOP OF FOUNDATION TO 18" BELOW GRADE SHALL BE FORMED.
- SURFACE WATER WILL NOT BE PERMITTED TO ENTER HOLE AND ALL WATER WHICH MAY HAVE INFILTRATED INTO THE HOLE SHALL BE REMOVED BEFORE PLACING CONCRETE.
- THE MONOPOLE SHALL NOT BE ERECTED UNTIL AFTER THE CONCRETE HAS BEEN CURED ACCORDING TO ARTICLE 1020.13.
- ANCHOR RODS SHALL BE STRAIGHT AND SHALL BE ACCORDING TO AASHTO M 314 OR ASTM F1554, GRADE 725 (GRADE 105) AND GALVANIZED ACCORDING TO ARTICLE 1006.9.
- ANCHOR ROD INFORMATION SHALL BE FULLY COORDINATED FOR APPROVAL WITH TOWER MANUFACTURER REQUIREMENTS.



ETP ANTENNA PIPE DETAIL
N.T.S.

NOTES:

- THIS WORK SHALL BE INCLUDED IN THE MICROWAVE LINK PAY ITEM.



CORING DETAIL
N.T.S.

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

FILE NAME =	USER NAME = adericco	DESIGNED = AJD	REVISED =
N:\dot\090122\Mech\090122.17_Details.DWG	.01 - Rev051513.sht	DRAWN = KWB	REVISED =
	PLOT SCALE = 20'	CHECKED = JPC	REVISED =
	PLOT DATE = 5/15/2013	DATE = 3/21/2013	REVISED =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ITS CENTER-TO-CENTER INTEGRATION PROJECT
DETAILS (1 OF 3)

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2009-087I	COOK	20	17
CONTRACT NO. 60134				
ILLINOIS FED. AID PROJECT				