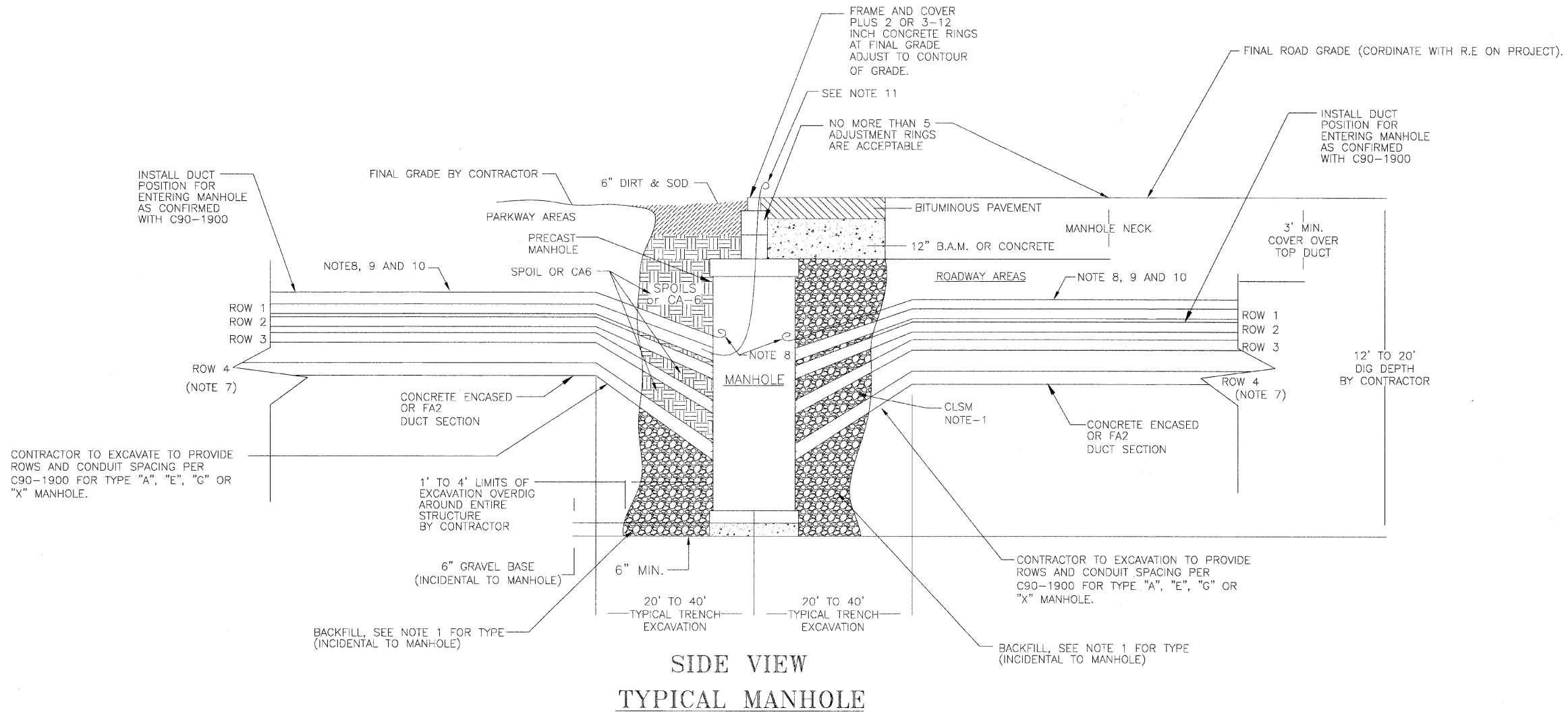


TYPICAL EXCAVATION DETAIL TYPE "A", "E", "G" OR "X" MANHOLE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3570	00-00116-00-BR	DUPAGE	106	70
STA. 4+38.47		TO STA. 14+62.4		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT 83827				



NOTE:

1. CA6 BACKFILL TO BE PLACED 360 DEGREES AROUND MANHOLES TO GRADE. MINUS SURFACE RESTORATION. WHERE MANHOLE IS WITHIN 5' OF ROADWAY, CLSM BACKFILL TO BE USED TO FILL TO TOP OF ROOF OF MANHOLE AND CA6 BACKFILL TO FILL TO GRADE.
2. SEE MANHOLE DETAIL DRAWINGS FOR DIMENSIONS AND WEIGHT.
3. CONTRACTOR TO ESTABLISH FINAL ELEVATION, LEVEL AND GRADE FOR MANHOLE.
4. MANHOLES DELIVERED TO SITE BY MANUFACTURER. CONTRACTOR TO COORDINATE UNLOAD, STORE AND INSTALL (TAIL GATE DELIVERY BY UCP).
5. CONTRACTOR SHALL SUPPORT AND REROUTE UTILITIES AS REQUIRED.
6. CONTRACTOR SHALL INSTALL CONDUIT INTO MANHOLES PER C30-1900, AND IS PART OF PRICE TO INSTALL MANHOLE.
7. ROWS 5 AND 6 OMITTED FOR CLARITY.
8. LEAVE 20 FEET OF 4/0 BARE COPPER CONDUCTOR FOR TAIL (COUNTER POISE).
9. INSTALL 250 FEET OF 4/0 BARE COPPER CONDUCTOR ABOVE DUCT BANK, COUNTER POISE, IF NEEDED IN 2 DIRECTIONS..
10. CORE DRILL 1 1/2" HOLE THRU WALL OF 6" THICK MANHOLE WALL TO CONNECT COUNTER POISE. IF KNOCK OUTS ARE NOT INSTALLED.
11. INSTALL #12 THHN WIRE (25' AND COIL) FROM MIDDLE DUCT TO MANHOLE COVER, LEAVING 12" TAIL (USED FOR LOCATING).
12. ALL OF THE ABOVE ITEMS AND DETAIL EXCEPT ITEM 9, ARE INCLUDED IN THE COST OF INSTALLING THE MANHOLE.
13. INSTALL MANHOLE PER O.S.H.A REGULATIONS OF LATEST ISSUE.

CITY OF NAPERVILLE/DEPARTMENT OF PUBLIC UTILITIES - ELECTRIC					
CALL J.U.I.E. 48 HRS. PRIOR TO CONSTRUCTION					
PROJECT TITLE JEFFERSON ST. BRIDGE DUCTBANK INSTALLATION			MAP NO.:	CAD FILE: 0054679001D15.DWG	
PROJECT DESCRIPTION MANHOLE DETAILS			DRAWN BY: JK, PM	PROJECT NO.:	
DATE 4-01 09			WORK REQUEST NO.:	COMPLETED BY:	
ISSUED PSM			54679	SCALE: NTS	
ENGINEER			APRV:	SHEET 15 OF 30	
REVISION			1	2	3