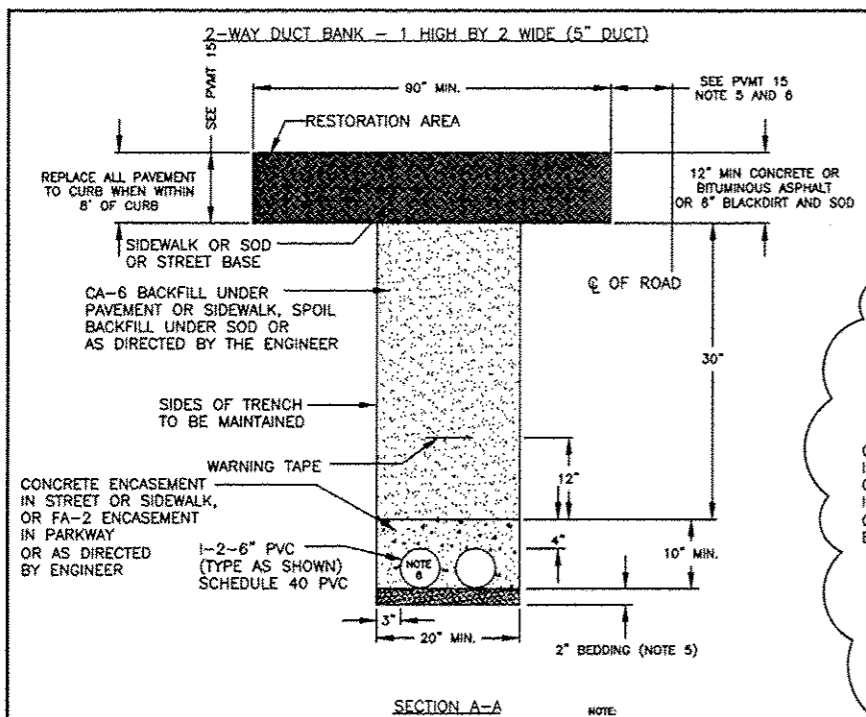
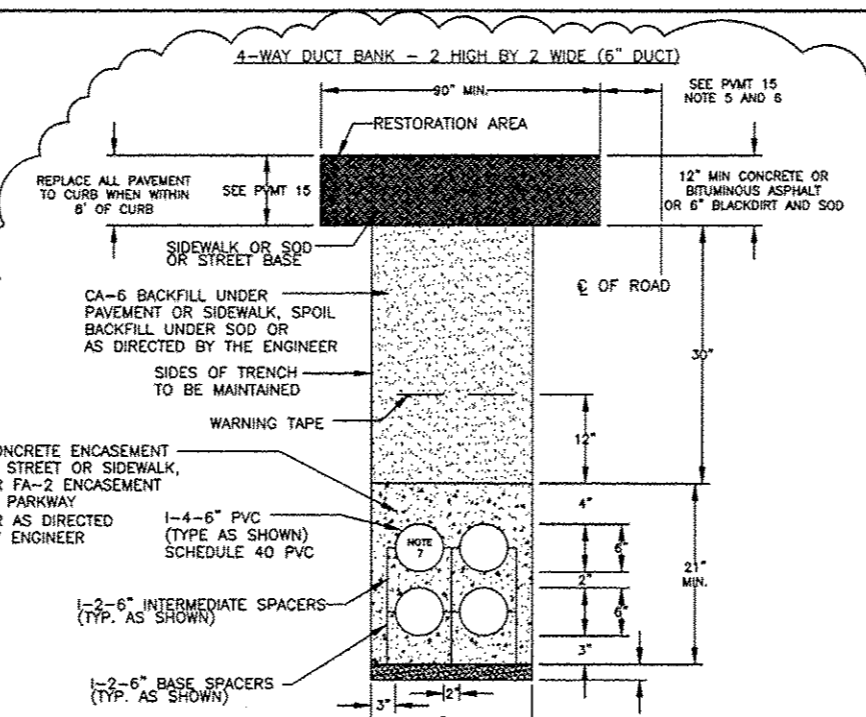


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338/IL 59	2011-036	DUPAGE		
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT 60R30	
		FED. AID PROJECT		



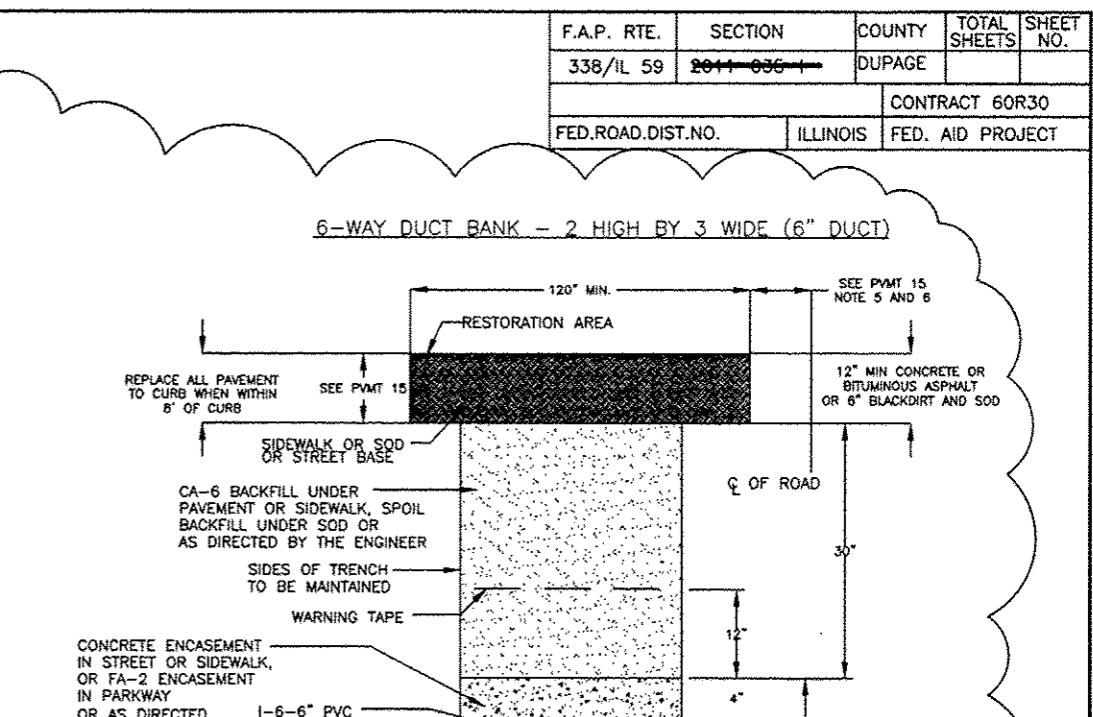
**CITY OF NAPERVILLE**  
**DEPARTMENT OF PUBLIC UTILITIES-ELECTRIC**  
**TYPICAL CONDUIT SECTION A-A**  
 APPROXIMATE LENGTH = (NONE) CONCRETE ENCASE SPOIL BACKFILL  
 APPROXIMATE LENGTH = 980 FEET CONCRETE ENCASE CA-6 BACKFILL  
 APPROXIMATE LENGTH = 40 FEET (FA-2 ENCASED) SPOIL BACKFILL  
 APPROXIMATE LENGTH = (NONE) (FA-2 ENCASED) CA-6 BACKFILL

**NOTE:**  
 1) ALL CONDUIT RUNS ARE ASSEMBLED IN FIELD.  
 2) INSTALL 1/8" DIA. (PULLING) NYLON ROPE IN EACH DUCT.  
 3) ALL CABLES BY OTHERS.  
 4) CONDUIT AND SPACERS AND ALL OTHER MATERIALS INCLUDING GLUE, COUPLINGS AND MANHOLE ENTRANCES FURNISHED BY CITY OF NAPERVILLE AND INSTALLED BY CONTRACTOR.  
 5) INSTALL BEDDING FA-2 OR CA-6.  
 6) INSTALL MULE TAPE OR #12 COPPER WIRE THIN IN THIS DUCT ONLY.  
 7) CONTRACTOR TO INSTALL DUCT RUN PER C30-1900.



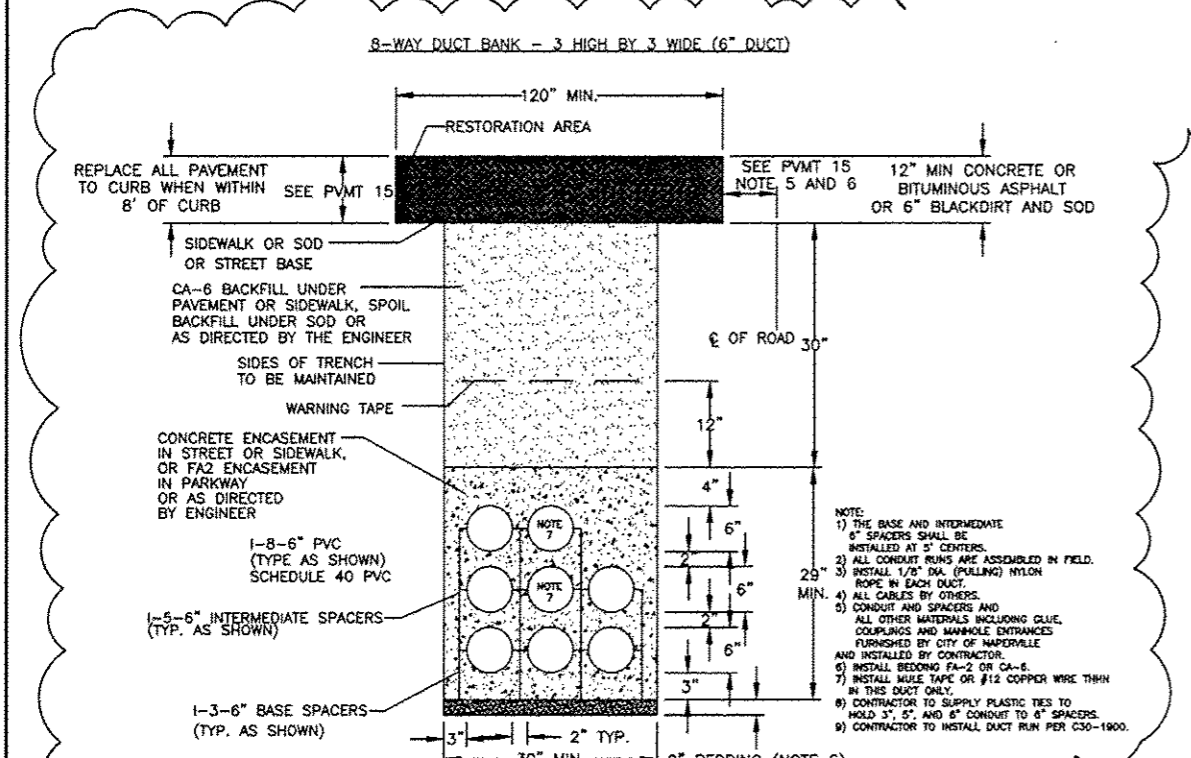
**CITY OF NAPERVILLE**  
**DEPARTMENT OF PUBLIC UTILITIES-ELECTRIC**  
**TYPICAL CONDUIT SECTION B-B**  
 APPROXIMATE LENGTH = (NONE) CONCRETE ENCASE SPOIL BACKFILL  
 APPROXIMATE LENGTH = (NONE) CONCRETE ENCASE CA-6 BACKFILL  
 APPROXIMATE LENGTH = 290 FEET (FA-2 ENCASED) SPOIL BACKFILL  
 APPROXIMATE LENGTH = (NONE) (FA-2 ENCASED) CA-6 BACKFILL

**NOTE:**  
 1) THE BASE AND INTERMEDIATE 6" SPACERS SHALL BE INSTALLED AT 6" CENTERS.  
 2) ALL CONDUIT RUNS ARE ASSEMBLED IN FIELD.  
 3) INSTALL 1/8" DIA. (PULLING) NYLON ROPE IN EACH DUCT.  
 4) ALL CABLES BY OTHERS.  
 5) CONDUIT AND SPACERS AND ALL OTHER MATERIALS INCLUDING GLUE, COUPLINGS AND MANHOLE ENTRANCES FURNISHED BY CITY OF NAPERVILLE AND INSTALLED BY CONTRACTOR.  
 6) INSTALL BEDDING FA-2 OR CA-6.  
 7) INSTALL MULE TAPE OR #12 COPPER WIRE THIN IN THIS DUCT ONLY.  
 8) CONTRACTOR TO SUPPLY PLASTIC TIES TO HOLD 3", 5", AND 6" CONDUIT TO 6" SPACERS.  
 9) CONTRACTOR TO INSTALL DUCT RUN PER C30-1900.



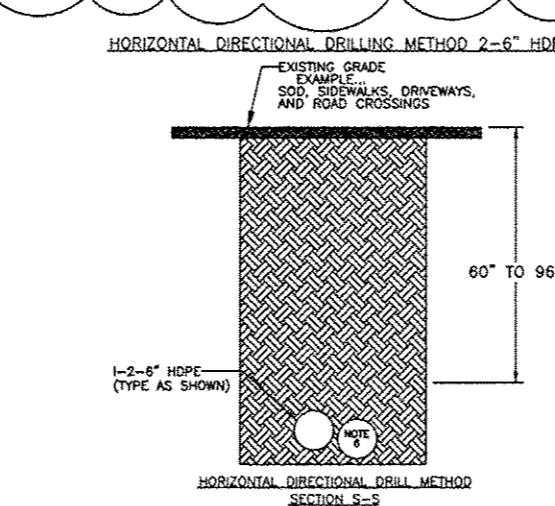
**CITY OF NAPERVILLE**  
**DEPARTMENT OF PUBLIC UTILITIES-ELECTRIC**  
**TYPICAL CONDUIT SECTION C-C**  
 APPROXIMATE LENGTH = (NONE) CONCRETE ENCASE SPOIL BACKFILL  
 APPROXIMATE LENGTH = 1330 FEET CONCRETE ENCASE CA-6 BACKFILL  
 APPROXIMATE LENGTH = 126 FEET (FA-2 ENCASED) SPOIL BACKFILL  
 APPROXIMATE LENGTH = (NONE) (FA-2 ENCASED) CA-6 BACKFILL

**NOTE:**  
 1) THE BASE AND INTERMEDIATE 6" SPACERS SHALL BE INSTALLED AT 5" CENTERS.  
 2) ALL CONDUIT RUNS ARE ASSEMBLED IN FIELD.  
 3) INSTALL 1/8" DIA. (PULLING) NYLON ROPE IN EACH DUCT.  
 4) ALL CABLES BY OTHERS.  
 5) CONDUIT AND SPACERS AND ALL OTHER MATERIALS INCLUDING GLUE, COUPLINGS AND MANHOLE ENTRANCES FURNISHED BY CITY OF NAPERVILLE AND INSTALLED BY CONTRACTOR.  
 6) INSTALL BEDDING FA-2 OR CA-6.  
 7) INSTALL MULE TAPE OR #12 COPPER WIRE THIN IN THIS DUCT ONLY.  
 8) CONTRACTOR TO SUPPLY PLASTIC TIES TO HOLD 3", 5", AND 6" CONDUIT TO 6" SPACERS.  
 9) CONTRACTOR TO INSTALL DUCT RUN PER C30-1900.



**CITY OF NAPERVILLE**  
**DEPARTMENT OF PUBLIC UTILITIES-ELECTRIC**  
**TYPICAL CONDUIT SECTION D-D**  
 APPROXIMATE LENGTH = 10 FEET CONCRETE ENCASE SPOIL BACKFILL  
 APPROXIMATE LENGTH = (NONE) CONCRETE ENCASE CA-6 BACKFILL  
 APPROXIMATE LENGTH = (NONE) (FA-2 ENCASED) SPOIL BACKFILL  
 APPROXIMATE LENGTH = (NONE) (FA-2 ENCASED) CA-6 BACKFILL

**NOTE:**  
 1) THE BASE AND INTERMEDIATE 6" SPACERS SHALL BE INSTALLED AT 5" CENTERS.  
 2) ALL CONDUIT RUNS ARE ASSEMBLED IN FIELD.  
 3) INSTALL 1/8" DIA. (PULLING) NYLON ROPE IN EACH DUCT.  
 4) ALL CABLES BY OTHERS.  
 5) CONDUIT AND SPACERS AND ALL OTHER MATERIALS INCLUDING GLUE, COUPLINGS AND MANHOLE ENTRANCES FURNISHED BY CITY OF NAPERVILLE AND INSTALLED BY CONTRACTOR.  
 6) INSTALL BEDDING FA-2 OR CA-6.  
 7) INSTALL MULE TAPE OR #12 COPPER WIRE THIN IN THIS DUCT ONLY.  
 8) CONTRACTOR TO SUPPLY PLASTIC TIES TO HOLD 3", 5", AND 6" CONDUIT TO 6" SPACERS.  
 9) CONTRACTOR TO INSTALL DUCT RUN PER C30-1900.



**CITY OF NAPERVILLE**  
**DEPARTMENT OF PUBLIC UTILITIES-ELECTRIC**  
**TYPICAL CONDUIT SECTION E-E**  
 APPROXIMATE LENGTH = 185 FEET HORIZONTAL DIRECTIONAL DRILL METHOD

**NOTE:**  
 1) ALL CONDUIT RUNS ARE ASSEMBLED IN FIELD.  
 2) INSTALL 1/8" DIA. (PULLING) NYLON ROPE IN EACH DUCT.  
 3) ALL CABLES BY OTHERS.  
 4) CONDUIT AND SPACERS AND ALL OTHER MATERIALS INCLUDING GLUE, COUPLINGS AND MANHOLE ENTRANCES FURNISHED BY CITY OF NAPERVILLE AND INSTALLED BY CONTRACTOR.  
 5) CONTRACTOR TO SUPPLY POLY TO PVC CONNECTOR OR POLY TO STEEL CONNECTOR.  
 6) INSTALL MULE TAPE OR #12 COPPER WIRE THIN IN THIS DUCT ONLY.  
 7) CONTRACTOR TO INSTALL DUCT RUN PER C30-1900.



**ADDENDUM - A 02-20-2013**

**ROUTE 59 ROAD IMPROVEMENTS**

PROJECT TITLE	ROUTE 59 ROAD IMPROVEMENTS		
PROJECT DESCRIPTION	DETAILS AND STANDARDS		
DRAWN BY	DATE	APP. NO.	SCALE
BCC	8-04-12	4211.4224	N.T.S.
DESIGN BY	REVISED DATE	APP. NO.	PROJECT #
DL	PSM	N/A	EU-12
CHECKED BY	APPROVED BY	CAD FILE	SHEET #
		0061123001D6.DWG	6 OF 40

**Naperville** Department of Public Utilities  
 Electric Division

CONTRACT 60R30 SHEET 807 OF 1156