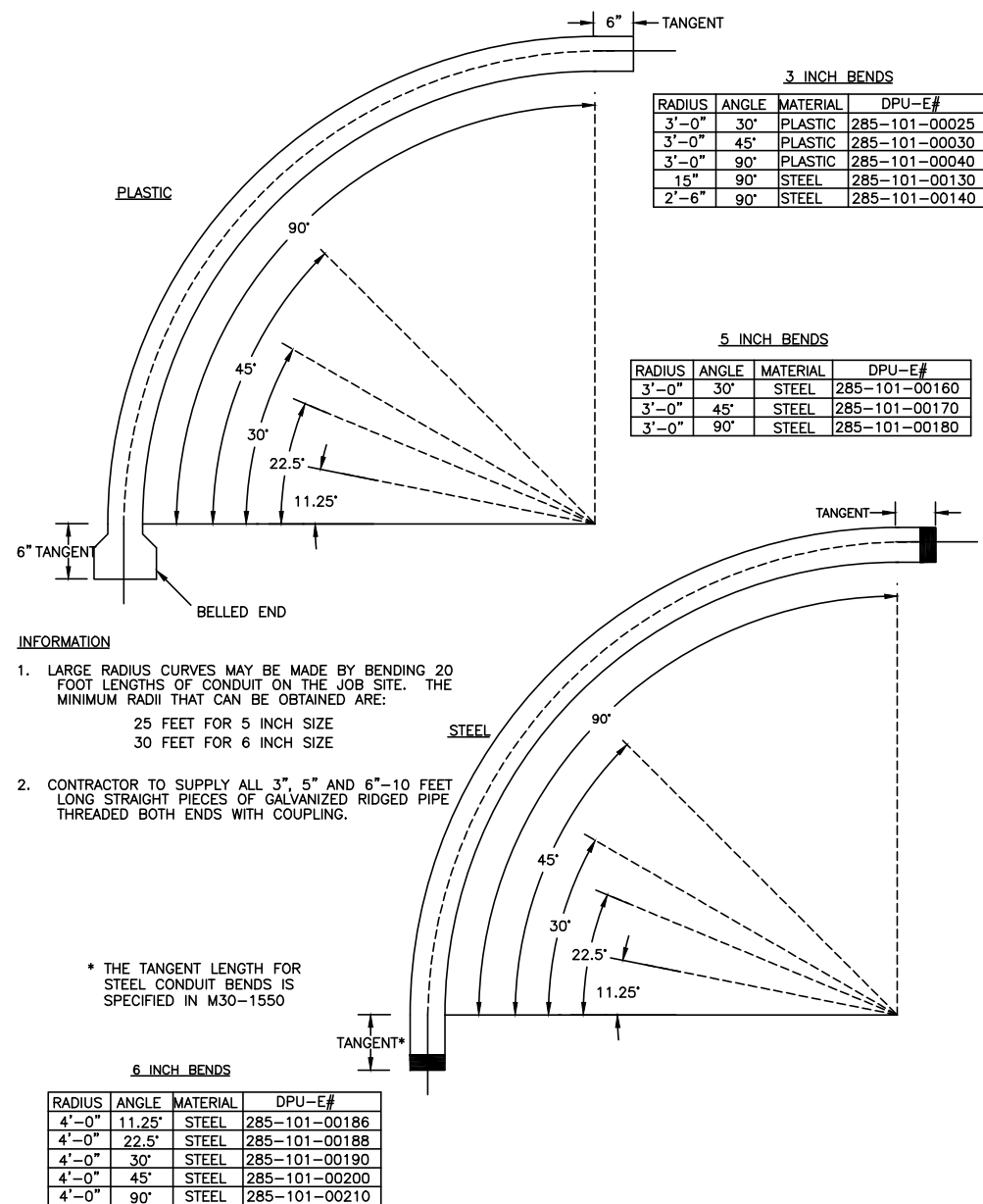
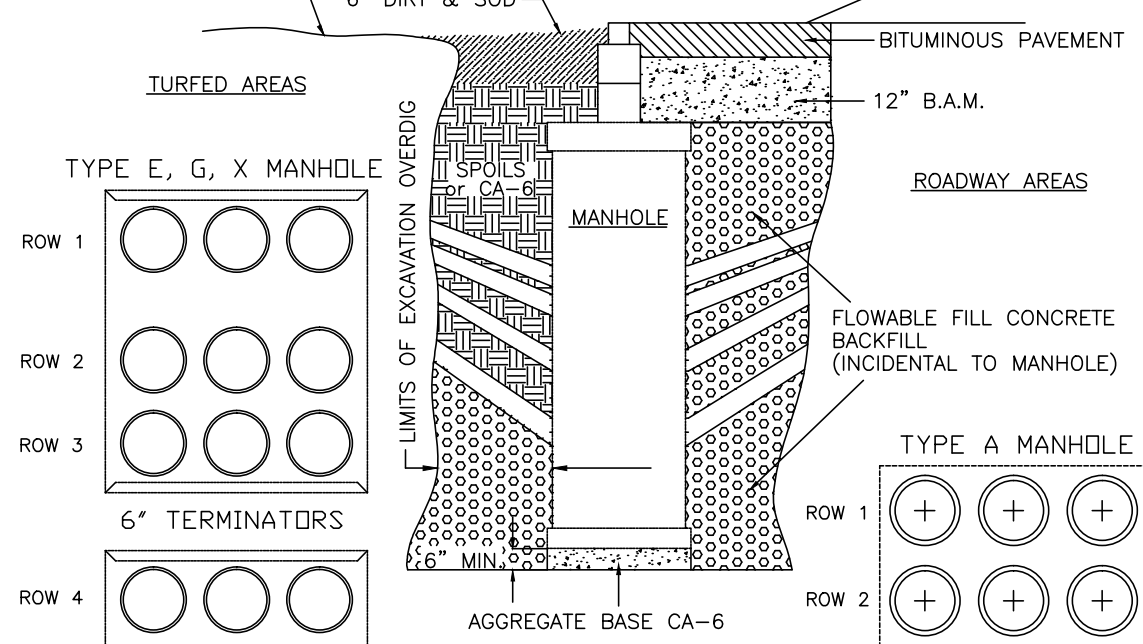


PLASTIC & STEEL CONDUIT BENDS

FOR CONCRETE ENCASED CONDUIT
BENDS, UP TO 90° DEGREE ANGLES



EXCAVATION DETAIL ELECTRICAL



NOTE:
FLOWABLE FILL CONCRETE TO BE PLACED 360° AROUND MANHOLES TO THE BASE OF THE PVC CONDUITS ONLY IN TURFED AREAS. IN ROADWAY AREAS FLOWABLE FILL CONCRETE MUST COMPLETELY ENCASE 360° THE MANHOLE AND DUCTBANK.

TYPICAL DUCT BANK ARRANGEMENT FOR PORT USAGE INTO MANHOLES

TYPE	ROW 1	ROW 2	ROW 3	ROW 4	ROW 5	ROW 6
4-WAY DUCT BANK	-----	-----	-----	2 X 6"	2 X 6"	-----
6-WAY DUCT BANK	-----	-----	-----	3 X 6"	3 X 6"	-----
8-WAY DUCT BANK	-----	-----	2 X 6"	3 X 6"	3 X 6"	-----
9-WAY DUCT BANK	-----	-----	3 X 6"	3 X 6"	3 X 6"	-----
10-WAY DUCT BANK	-----	1 X 6"	3 X 6"	3 X 6"	3 X 6"	-----
12-WAY DUCT BANK	-----	3 X 6"	3 X 6"	3 X 6"	3 X 6"	-----

FILL THE OUTSIDE DUCTS IN EACH ROW FIRST

PROJECT TITLE: ROUTE 59 ROAD IMPROVEMENTS

PROJECT DESCRIPTION: DETAILS AND STANDARDS

ENGINEER BCC	DRAFTING DATE 5-11-12	MAP # 4211,4212,4223	SCALE N.T.S.
GIS DESIGN BY DL	DRAFTED BY PSM	AT&T JOINT AGREEMENT # N/A	PROJECT # EU-12
CHECKED BY	APPROVED BY	CAD FILE 0060648001D131.DWG	SHEET # 31 OF 63

Naperville Department of Public Utilities
Electric Division

WORK REQUEST # 60468