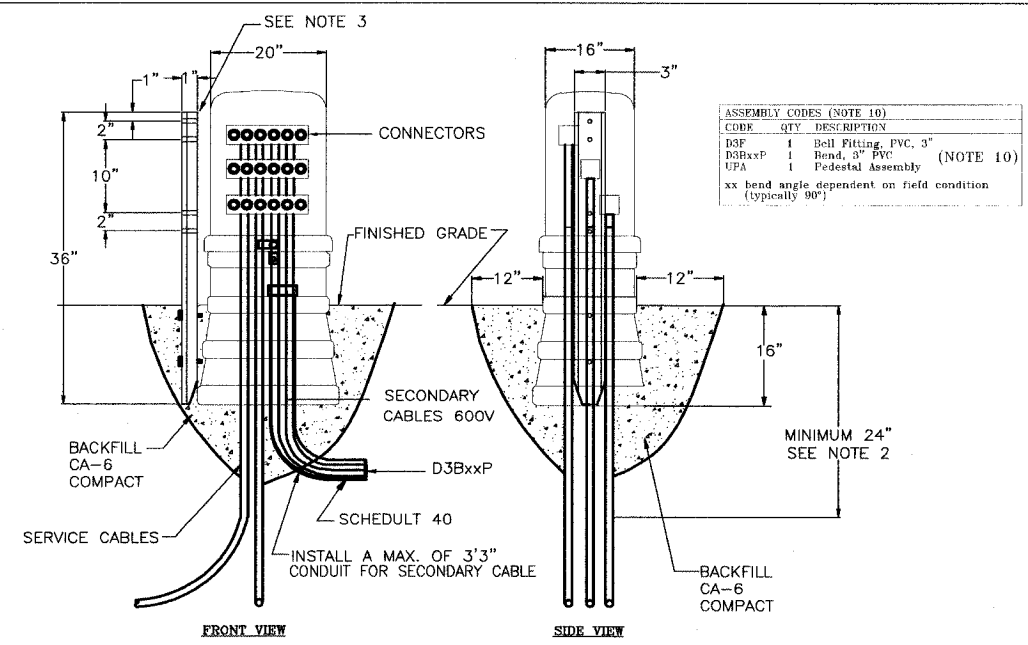


FA RTE. 2552	SECTION 00-0014-00-PV	COUNTY DUPAGE	TOTAL SHEETS 563	SHEET NO. 286
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
CONTRACT 63024				



ASSEMBLY CODES (NOTE 10)	
CDR. QTY. DESCRIPTION	
D3F 1 Bell Fitting, PVC, 3"	
D3BxxP 1 Bend, 3" PVC	(NOTE 10)
UPA 1 Pedestal Assembly	
xx bend angle dependent on field condition (typically 90°)	

DnBxxP: BEND, PVC				
Assembly	Item Code	Description 1	Description 2	Qty
D3B30P	285 101 00025	ELBOW, PVC 30 DEG 3"	STANDARD RADIUS SCH 40	1
D3B45P	285 101 00030	ELBOW, 36"R PVC 45 DEG 3"	SCH 40	1
D3B90P	285 101 00040	ELBOW, 36"R PVC 90 DEG 3"	SCH 40	1
D5B30P	285 101 00080	ELBOW, 36"R PVC 30 DEG 5"	SCH 40	1
D5B45P	285 101 00090	ELBOW, 36"R PVC 45 DEG 5"	SCH 40	1
D5B90P	285 101 00100	ELBOW, 36"R PVC 90 DEG 5"	SCH 40	1
D8B30P	285 101 00220	ELBOW, 48"R PVC 30 DEG 6"	SCH 40	1
D8B45P	285 101 00230	ELBOW, 48"R PVC 45 DEG 6"	SCH 40	1
D8B90P	285 101 00240	ELBOW, 48"R PVC 90 DEG 6"	SCH 40	1

DnF: BELL FITTING, PVC					
Item Code	Description 1	Description 2	D3F Qty	DSF Qty	DBF Qty
285 103 00040	BELL FITTING, PVC 3"	SCH 40 & SCH 80	1		
285 103 00080	BELL FITTING, PVC 5"	SCH 40 & SCH 80		1	
285 103 00100	BELL FITTING, PVC 6"	SCH 40 & SCH 80			1

UPA: PEDESTAL ASSEMBLY						
Item Code	Description 1	Description 2	UP Qty	SA Qty	C Qty	CC Qty
284 105 00010	PEDESTAL, SECONDARY UPRGT	HDPE RECT. 10"x14"x41"	1			
284 106 00040	CONNECTOR, 6 COND. 10-350	1 FA	3			1
284 106 00050	COVER, FOR 6 COND 10-350	EPDM	2			1

- NOTES:
- ALL CABLES MUST BE TAGGED TO PROVIDE POSITIVE IDENTIFICATION.
  - THE CABLE MUST BE PROTECTED BY THE FOOTPRINT OF THE PEDESTAL FOR A MINIMUM OF 24". IF AN EXCEPTION HAS TO BE MADE, THE CABLE MUST BE PROTECTED ON THE INSIDE OF CONDUIT.
  - SECONDARY PEDESTAL POST IS FOR JOINT LOCATIONS WITH AMERITECH.
  - BENDS SHALL BE INSTALLED PER FIELD CONDITION.
  - ALL CONDUIT SHALL BE PLACED.
  - THIS DRAWING SHOWS AN EXISTING PEDESTAL WITH CABLE INSTALLED WITH MATERIAL LIST ON RIGHT.
  - CONTRACTOR TO OBTAIN OUTAGE OF PEDESTAL PRIOR TO DOING ANY WORK.
  - CONTRACTOR TO INSTALL 3" x 2" AND 6" CONDUIT INTO EXISTING OR NEW PEDESTAL AS SPECIFIED IN SPECIFICATIONS. CAP AND PLUGS ALL CONDUITS.
  - ALL GROUNDING CONNECTIONS AND TERMINATORS SHALL BE INSPECTED TO DETERMINE CONDITION OF CONNECTIONS BY THE CONTRACTOR REPORT FINDING.
  - CONTRACTOR TO INSTALL PEDESTAL, EXCAVATION CONDUIT, CONDUIT BENDS AND FITTINGS FOR A COMPLETE JOB.
  - GROUNDING BY OTHERS.

NAPERVILLE PUBLIC UTILITIES DEPARTMENT ELECTRIC STANDARDS	<b>SECONDARY PEDESTAL WIDE BASE</b>	DATE: 03-17-04 Page 1 of 2 C30-2020
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NAPERVILLE PUBLIC UTILITIES DEPARTMENT ELECTRIC STANDARDS	<b>SECONDARY PEDESTAL</b>	DATE: 03-17-04 Page 2 of 2 C30-2020
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**1. SCOPE**

This specification covers the manufacture and delivery of Large Radius Rigid Steel Conduit Galvanized Elbows

**2. STANDARDS**

The steel elbows shall be manufactured and tested in accordance with the latest applicable standards of Underwriters Laboratory (UL 6), ANSI C80-1, and NEC 2002 - Article 344.

**3. TECHNICAL REQUIREMENTS**

**3.1 Material**

The elbows shall be manufactured from rigid galvanized steel conduit and conform to the most recent UL specifications.

**3.2 Specifications**

SIZE (INCHES)	RADIUS (INCHES)	DEGREES BEND	TANGENT (INCHES)*	NOM WT (LBS)	ARCLength (INCHES)	MATERIAL ID
2"	36"	45°	11" ± 1	16	28.28"	N/A
2"	36"	90°	11" ± 1	18	56.57"	N/A
3"	15"	90°	9" ± 1/2	22	23.57"	285 101 00130
3"	30"	90°	11" ± 1	42	47.14"	285 101 00140
5"	36"	30°	11" ± 1	73	18.85"	285 101 00150
5"	36"	45°	11" ± 1	77	28.28"	285 101 00170
5"	36"	90°	11" ± 1	91	56.57"	285 101 00180
6"	48"	11°	12" ± 1	112	9.43"	285 101 00186
6"	48"	22.5°	12" ± 1	118	18.85"	285 101 00188
6"	48"	30°	12" ± 1	122	25.14"	285 101 00190
6"	48"	45°	12" ± 1	129	37.71"	285 101 00200
6"	48"	90°	12" ± 1	152	75.43"	285 101 00210

\*Tangent length shall be the same on both ends of the elbow.

**4. SHIPPING**

**4.1 Size**

The rigid steel galvanized elbows shall be shipped in palletized cartons or on pallets. Pallets shall be non-returnable and any associated costs shall be included in the quoted price of the steel elbows. All galvanized items shall have a total skid weight of less than 3000 pounds. Each layer shall have at least three (3) 2 X 4's as dividers for layer support and improved handling characteristics. The top layer shall be level dependent on the quantity ordered.

**4.2 Capping**

Plastic open-end thread protector caps to prevent the entrance of dirt and/or moisture shall be supplied to the open threaded ends of each rigid steel elbow.

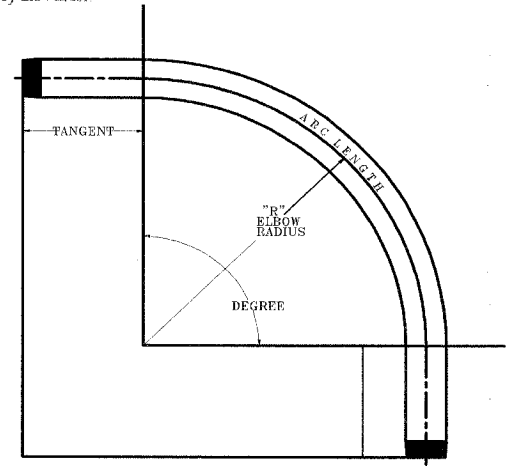
NAPERVILLE PUBLIC UTILITIES DEPARTMENT ELECTRIC STANDARDS	<b>LARGE RADIUS RIGID STEEL CONDUIT GALVANIZED ELBOWS</b>	DATE: 01-16-05 Page 1 of 2 M30-1550
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**4.3 Identification**

Rigid Steel Elbows shall have a durable label securely attached (or have a permanent stencil) on the elbows with the following information: Manufacturer's identification, radius, size, theoretic tangent length and degrees bend, P.O. number, shipping length of elbow, and year of manufacture

**5. DELIVERY**

All pallets shall be shipped on a flat-bed trailer when the load requires. Pallets shall not be double stacked for shipment. There shall be no mixture of items on each pallet. The City shall be notified by telephone (630-420-6196) at least 24 hours prior to delivery of the pallets. Pallets shall be unloaded by the City between 8:00 a.m. and 3:30 p.m. on weekdays only, holidays excluded. Additional shipping costs resulting from failure to provide the 24-hour notice or from delivery of goods outside the specified times shall be paid by the vendor.



NAPERVILLE PUBLIC UTILITIES DEPARTMENT ELECTRIC STANDARDS	<b>LARGE RADIUS RIGID STEEL CONDUIT GALVANIZED ELBOWS</b>	DATE: 01-16-05 Page 2 of 2 M30-1550
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WF# INFORMATION		
WF# 59481	WASHINGTON ST. 75TH TO OLYMPUS DR. EAST SIDE	JOB 1 EU-73
WF# 59482	75TH WASHINGTON ST. TO OLYMPUS DR. NORTH SIDE	JOB 2 EU-73
WF# 59484	75TH WASHINGTON ST. TO CLYDE DR. SOUTH SIDE	JOB 3 EU-73
WF# 59485	WASHINGTON ST. 75TH TO BAILEY RD. EAST SIDE	JOB 4 EU-73

CITY OF NAPERVILLE/DEPARTMENT OF PUBLIC UTILITIES - ELECTRIC			
CALL J.U.L.I.E. 16 HRS. PRIOR TO CONSTRUCTION			
PROJECT TITLE 75TH ST. AND WASHINGTON ST. ROAD IMPROVEMENTS	MAP NO.: -	CAD FILE: D056270001D45.DWG	
PROJECT DESCRIPTION TRENCH SECTION DETAILS	DRAWN BY: JK, PM	PROJECT NO.: EU12-06-03 R173	
DATE 4-01-08	WORK REQUEST NO. 56270	CHKD: SBC	COMPLETED BY:
ISSUED RPS	APPR: NTS	SCALE:	SHEET 45 OF 73
REVISION	1	2	3