

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3570	00-00116-00-BR	DUPAGE	106	85
STA. 4+38.47		TO STA. 14+62.4		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT 83827				

ELECTRIC DUCT BANK MATERIALS SUPPLIED BY THE CITY OF NAPERVILLE

Item Description	Part No.	HTE Code	Qty.	Unit
Transformer Vault Single Phase Fiber	284-101-00020	DEVTC	0	Each
Transformer Vault Extender	284-100-00120	DEVTE	0	Each
Transformer Vault 3 Phase Concrete (UCP)	28410200120	DEVT 1000C	0	Each
Manhole Type "A" PRECAST UCP	284-103-00140	DEMA	0	Each
Manhole Type "E" PRECAST UCP	284-103-00160	DEME	1	Each
Manhole Type "G" PRECAST UCP	284-103-00170	DEMG	2	Each
Manhole Type "X" PRECAST UCP		DEMX	0	Each
Vault, Switchgear, 74"x76" Fibercrete	284-101-00010	DEVA	1	Each
Transformer Vault Three Phase Concrete	284-102-00110	DEVT1500 C	0	Each
Pedestal Wide Base up right	284-105-00010	UPA	0	Each
Conduit 3" Dia. Schedule 40 PVC Pipe	285-100-00040	D3C	700	Feet
Conduit 6" Dia. Schedule 40 PVC Pipe	285-100-00070	D6C	6360	Feet
Conduit 5" Dia. Schedule 40 PVC Pipe	285-100-00060	D5C	0	Feet
Elbow 6" Steel 48" Radius, 90°	285-101-00210	D6B90S	15	Each
Elbow 6" Steel 48" Radius, 45°	285-101-00200	D6B45S	0	Each
Elbow 6" Steel 48" Radius, 22°	285-101-00188	D6B22S	30	Each
Elbow 6" Steel 48" Radius, 30°	285-101-00190	D6B30S	10	Each
Elbow 6" Steel 48" Radius, 11°	285-101-00186	D6B11S	0	Each
Elbow 5" Steel 36" Radius, 90°	285-101-00100	D5B90S	0	Each
Elbow 5" Steel 36" Radius, 30°	285-101-00080	D5B30S	0	Each
Elbow 3" Sch. 40 PVC 36" Radius, 90°	285-100-00040	D3B90P	0	Each
Coupling Sleeve 6" PVC Long Line	285-102-00130	D6V	12	Each
Coupling 6" Long Line Schedule 40 PVC	285-102-00140	D6L	61	Each
Coupling 6" Schedule 40 PVC 5°	285-102-00150	D6L5	30	Each
Coupling Sleeve 5" PVC Long Line	285-102-00070	D5V	0	Each
Coupling 5" Long Line Schedule 40 PVC	285-102-00080	D5L	0	Each
Coupling 5" Schedule 40 PVC 5°	285-102-00120	D5L5	0	Each
Coupling Sleeve 3" PVC Long Line	285-102-00030	D3V	0	Each
Coupling 3" Long Line Schedule 40 PVC	285-102-00065	D3L	0	Each
Coupling 3" Schedule 40 PVC 5°	285-102-00040	D3L5	0	Each
Bell Fitting PVC 6" Schedule 40	285-103-00040	D6F	10	Each
Bell Fitting PVC 5" Schedule 40	285-103-00080	D5F	0	Each
Bell Fitting PVC 3" Schedule 40	285-103-00040	D3F	4	Each
Plug, PVC 6" with Pull Tab	285-103-00030	D6P	39	Each
Plug, PVC 5" with Pull Tab	285-103-00070	D5P	0	Each
Plug, PVC 3" with Pull Tab	285-103-00030	D3P	4	Each
Cement PVC Quarts with Brush 24hr Dry Summer	285-199-00090	DMG	24	Each

NAPERVILLE PUBLIC UTILITIES DEPARTMENT	LIST OF ELECTRIC DUCT BANK MATERIALS	DATE: 4-01-09
ELECTRIC STANDARDS		Page 1 of 3 56270-1320

ELECTRIC DUCT BANK MATERIALS SUPPLIED BY THE CITY OF NAPERVILLE

Item Description	Part No.	HTE Code	Qty.	Unit
Spacer, Base PVC, 6"	285-199-00170	D6R	552	Each
Spacer, Intermediate PVC 6"	285-199-00180	D6R1	1140	Each
Handhole 4'x8' (Fibercrete)/1000	284-104-00030	DEH8	0	Each
Handhole 4'x6' (Fibercrete)/4/0	284-104-00020	DEH6	1	Each
Handhole 3'x5' (Fibercrete)/1/0	284-104-00010	DEH5	0	Each
Stud Driving for End of Ground Rod	283 156 00050	UGDRS	0	Each
Strap 6" Conduit (Riser)	285 199 00050	D6B90SA	4	Each
Strap. EMT 1/2"	285-199-00200	DEMG	0	Each
Conduit, Sch. 80 PVC 6"	285 100 00075	DRC6	0	Each
Bracket, Pole 3"	285 199 00005	DRC6	0	Each
Chanel, 12"	285 199 00070	DRC6	2	Each
Marker Power Ball Red	284-199-00250	n/a	6	Each
Grounding #2 solid Copper (500 ft / reel)	280-107-00020	UGMH	30	Feet
Grounding 4/0 Stranded Bare Copper/19 strand (500 ft / reel)	280-107-00070	UGMH	195	Feet
Grounding Rod Copper Clad 5/8"X10'	283-156-00010	UGS	5	Each
5 Ft ground Rod Copper Clad 5/8" (manholes)	283-156-00030	UGMH	12	Each
Ground Rod Coupling Bronze 5/8" rod	283-156-00040	UGMH	6	Each
Clamp, Cable to Flat Ground	284-199-00184		0	Each
Tape Caution Cable (10 Foot Lengths)	284-199-00270	DOT	1800	Each
Elbow PVC 30 Deg 3"	285-101-00025	D3B30P	12	Each
Elbow PVC 45 Deg 3"	285-101-00030	D3B45P	0	Each
Extender Air Switch Vault Fiber	284-101-00100	DEVAE	0	Each
Copper Bare #4 7 Strand (500 ft /reel)	280-107-00050	UGT3	0	FT
Mule Tape 1250 # (3000Ft on a reel)	450-024-00010		0	Reel
#12 THHN Copper Wire	280-113-00044	TEDOTW	1800	FT
Lag Shield Lead Short	284-199-00460	n/a	0	Each
Lag Screw SS	284-199-00470	n/a	0	Each
Connector Wedge #4 str. to 5/8 Rod	286-100-00320	UGMH	11	Each
Shell Wedge Amp (White)	286-101-00010	UGMH	0	Each
Shell Wedge Amp (Blue)	286-101-00010	UGMH	0	Each
Break - Away #4 str. to #4 str.	286-199-00010	UGMH	0	Each
Break Away for Grounding	286-199-00220	UGS	0	Each
Frame and Cover for Manholes type "B"	284-103-00050	DEML	3	Each
12" Ring for Manhole	284-103-00100	DEMR	2	Each
6" Ring for Manhole	284-103-00090	DEMR6	4	Each
2" Ring for Manhole	284-103-00070	DEMR2	4	Each
Butyl Mastic	892-370-00004		4	Roll

NAPERVILLE PUBLIC UTILITIES DEPARTMENT	LIST OF ELECTRIC DUCT BANK MATERIALS	DATE: 4-01-09
ELECTRIC STANDARDS		Page 2 of 3 56270-1320

ELECTRIC DUCT BANK MATERIALS SUPPLIED BY THE CITY OF NAPERVILLE

Item Description	Part No.	HTE Code	Qty.	Unit
Duct Polyethylene 3" coil-able on a reel	285-100-00030		0	Feet
Duct Polyethylene 6" coil-able on a reel	285-100-00072		0	Feet
Bracket Pole 3" stand off	285-199-00005	DRC	2	Each
Strap, 6" conduit with bolts washers	285-199-00050	DRC	4	Each
Channel 24" 4 way T- Slot	285-199-00080	DRC	0	Each
Connector Wedge cu 4/0 to 4/0	286-100-00260	UGMH	8	Each
Connector Wedge cu 4/0 to 5/8" ground rod	286-100-00320	UGMH	11	Each

NAPERVILLE PUBLIC UTILITIES DEPARTMENT	LIST OF ELECTRIC DUCT BANK MATERIALS	DATE: 4-01-09
ELECTRIC STANDARDS		Page 3 of 3 56270-1320

CITY OF NAPERVILLE/DEPARTMENT OF PUBLIC UTILITIES - ELECTRIC					
CALL J.U.L.I.E. 48 HRS. PRIOR TO CONSTRUCTION					
PROJECT TITLE JEFFERSON ST. BRIDGE DUCTBANK INSTALLATION			MAP NO.:	CAD FILE: 0054679001D30.DWG	
PROJECT DESCRIPTION DETAILS			DRAWN BY: JK, PM	PROJECT NO.: EU13-04-06	
DATE 4-01-09	ISSUED	ENGINEER PSM	REVISION	WORK REQUEST NO. 54679	CHKD: APRV:
			1 2 3		SCALE: NTS
				COMPLETED BY:	SHEET 30 OF 30