

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338/IL 59	2011-035-1	DUPAGE		
			CONTRACT 60P42	
FED.ROAD.DIST.NO.	ILLINOIS	FED. AID PROJECT		

ELECTRIC DUCT BANK MATERIALS SUPPLIED BY THE CITY OF NAPERVILLE

Item Description	Part No.	HTE Code	Qty.	Unit
Encap. Conc. 1/3 Neutral 1000mcm cu	280-112-00140		22090	Each
Crossarm, Wood 10 foot	282-106-00030		4	Each
Brace Crossarm 60" Span 18" Drop	282-106-00030		4	Each
Manhole Type "A" PRECAST UCP	284-103-00140	DEMA	1	Each
Manhole Type "E" PRECAST UCP	284-103-00160	DEME	3	Each
Manhole Type "G" PRECAST UCP	284-103-00170	DEMG	4	Each
Anchor System 7"x1" Rodtriple eyenut	283-101-00040		4	Each
Vault, Switchgear, 74"x76" Fibercrete	284-101-00010	DEVA	3	Each
Bolt, Double Arms 8" x 22"	283-104-00050		6	Each
Guy Plate 3/4"	283-123-00010		4	Each
Clamp, De Wedge 4 / O -477 44.93	283-129-00050		3	Feet
Conduit 6" Dia Schedule 40 PVC Pipe	285-100-00070	D6C	22420	Feet
Guy Guard, Yellow 8"	283-133-00010		4	Feet
Bolt, Machine 8" x 12"	283-106-00110		5	Each
Bolt Machine 3/4" x 12"	283-106-00210		8	Each
Elbow 6" Steel 48" Radius, 22°	285-101-00188	D6B22S	64	Each
Elbow 6" Steel 48" Radius, 30°	285-101-00190	D6B30S	46	Each
Elbow 6" Steel 48" Radius, 11°	285-101-00186	D6B11S	34	Each
Elbow 5" Steel 36" Radius, 30°	285-101-00080	D5B30S	4	Each
Elbow 3" Sch. 40 PVC 36" Radius, 90°	285-100-00040	D3B90P	39	Each
Screw Lag 1/2" x 4"	283-112-00010		4	Each
Coupling Sleeve 6" PVC Long Line	285-102-00130	D6V	120	Each
Coupling 6" Long Line Schedule 40 PVC	285-102-00140	D6L	295	Each
Coupling 6" Schedule 40 PVC 5°	285-102-00150	D6L5	124	Each
Bolt, Carriage 1/2" x 5"	283-108-00030		4	Each
Washer, Square 2"x 2"x 11/16"/H	283-117-00050		25	Each
Washer, Curved 4"x4"x 15/16"	283-117-00090		8	Each
Washer, DBL Coil Springs 1/2"	283-117-00100		4	Each
Washer, DBL Coil Springs 8"	283-117-00110		15	Each
Molding, Ground Wire 1/2" Plastic x 8"	283-134-00010		3	Each
Staple, cu 1/2"	283-15-00120		16	Each
Grip, Dead End Pref 3/8" Steel Wire	283-138-00110		16	Each
Insulator, Guy Stran 18" Fiberglass Roller	283-144-00010		4	Each
Insulator, Guy Stran 35" Fiberglass Rod	283-144-00020		4	Each
Eyelet, Standard 5/8" Slot	283-159-00010		3	Each
Ring, Adjusting, Concrete 36"	284-103-00080		6	Each
Cement PVC Quarts with Brush 24hr Dry Summer	285-199-00090	DMG	2.85	Each

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Item Description	Part No.	HTE Code	Qty.	Unit
Spacer, Base PVC, 6"	285-199-00170	D6R	2122	Each
Spacer, Intermediate PVC 6"	285-199-00180	D6R1	2140	Each
Splice, 35kV 1000mcm cu, 345 MIL	284-115-00175		36	Each
Shrink Wrap, Heat, 48" 1.65 - 4.95	284-117-00410		36	Each
UG Cable Wall Rack 24" 8 Holes	284-199-00390		40	Each
UG Cable Wall Rack Arm 23.5	284-199-00410		40	Each
Cable Rack Saddles Plastics 5"	284-199-00420		120	Each
Elbow, 48" PVC 30 Deg 6" Sch 40	285-101-00220		6	Each
Plug, PVC 6" With Pull Tab	285-103-00090		14	Each
Bell Fitting, Pvc 6" Sch 40 & Sch 80	285-103-00100		14	Each
Connector, Wedge AL / CU/0-2, 4/0 STR	286-100-00040		1	Each
Connector, Wedge CU #2 Sol -5/8 Rod	286-100-00290		1	Each
Connector, Wedge Cu 4/0 Str (7) - 2# sol	286-100-00296		76	Each
Grounding #2 solid Copper (500 ft / reel)	280-107-00020	UGMH	670	Feet
Grounding 4/0 Stranded Bare Copper/19 strand (500 ft / reel)	280-107-00070	UGMH	545	Feet
Grounding Rod Copper Clad 5/8"x10'	283-156-00010	UGMH	13	Each
5 Ft ground Rod Copper Clad 5/8" (manholes)	283-156-00030	UGMH	32	Each
Connector, Lug CU#2 SR 1 Hole 3/8" Bolt	286-103-00068		40	Each
Splice Compression CU500 x 500mcm str	286-106-00160		36	Each
Extender Air Switch Vault Fiber	284-101-00100	DEVAE	1	Each
Copper Bare #4 7 Strand (500 ft /reel)	280-107-00050	UGT3	244	Each
Connector Wedge #4 str to 5/8 Rod	286-100-00320	UGMH	28	Each
Frame and Cover for Manholes type "B"	284-103-00050	DEML	15	Each
6" Ring for Manhole	284-103-00090	DEMR6	6	Each
2" Ring for Manhole	284-103-00070	DEMR2	6	FT
Butyl Mastic	892-370-00004		33	Reel
CU Bare SD 4/0 19-STR	280-107-00070		190	Each
Ground Rod, Copper Clads 8" x 10'	283-156-00010		8	Each
Ground Rod, Copper Clads 8" x d 5' for Manholes	283-156-00030		4	Each
Coupling, Bronzes /8" Rod	283-156-00040		2	Each
Pad Vault Fiber -Concrete 74"x76"x36"	284-101-00010		3	Each
Frame Lid Manhole, Steel Type "B"	284-103-00050		2	Each
Manhole, Type G12 6L x 10' 9" x 9" H	284-103-00170		1	Each
Conduit, SCH 40 PVC 6"	285-100-00070		4500	Each
Elbow, 48" R STL 30 DEG 6" Gal	285-101-00190		20	Each
Elbow, 48" R STL 90 DEG 6" HW. FG	285-101-00210		16	Each
Elbow 48" R PVC 30 DEG 6" SCH 40	285-101-00220		6	Each
Plug, PVC 6" With Pull Tab	285-103-00090		20	Each
Bell Fitting, PVC 6"			22	Each

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Item Description	Part No.	HTE Code	Qty.	Unit
Coupling, PVC 6" Stoplong line Sch 40	285-102-00140		36	Each
Spacer, Base PVC 6" x 2"	285-199-00170		302	Each
Spacer, Intermediate PVC 6" x 2"	285-199-00180		578	Each
Connector, Wedge CU 4/0 STR (7)	286-100-00260		9	Each
Connector Wedge CU 4/0 STR (7)	286-100-00320		10	Each

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PROJECT TITLE ROUTE 59 ROAD IMPROVEMENTS			
PROJECT DESCRIPTION CITY OF NAPERVILLE MATERIAL LIST			
ENGINEER BCC	DRAFTING DATE 5-11-12	MAP # 4211,4212,4223	SCALE N.T.S.
DESIGN BY DL	DRAWN BY PSM	REVISIONS DATE	AT&T JOINT AGREEMENT # N/A
CHECKED BY	APPROVED BY	CAO FILE 00606480010163.DWG	SHEET # 63 OF 63
Naperville Department of Public Utilities Electric Division			WORK REQUEST # 60468