COUNTY TOTAL SHEET NO SECTION * 06-00132-00-PK WILL 15 8 STA.

BILL OF MATERIALS

ITEM NUMBER	ITEM	UNIT	QUANTITY
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
80400200	ELECTRIC UTILITY SERVICE INSTALLATION	L SUM	1
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	40
81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	140
81400100	HANDHOLE	EACH	2
81702400	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2	FOOT	20
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1980
82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	23
82500505	LIGHTING CONTROLLER, SPECIAL	EACH	1
83600400	POLE FOUNDATION, METAL	EACH	16
84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	1
XX001368	PULL EXISTING CABLE FROM UNIT DUCT	FOOT	1140
XX003216	UNIT DUCT, 600V, 3-1C NO. 6, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	2300
	LIGHT POLE ALUMINUM, 32 FT. M.H., 8 FT. MAST ARM	EACH	9
	LIGHT POLE ALUMINUM, 32 FT. M.H., 8 FT. MAST ARM — TWIN	EACH	7

NOTES:

GRAPHIC SCALE

-SPLICE PROPOSED UNIT DUCT IN HANDHOLE AND WATERPROOF THE SPLICES WITH SKOTCH-KOTE OR SIMILAR PRODUCT

48' CONDUIT IN TRENCH. 4" DIA., GALVANIZED STEEL (CAPPED AT BOTH ENDS FOR FUTURE USE, SEE NOTE 10)

ELECTRIC SERVICE INSTALLATION
10' GALVANIZED STEEL CONDUIT IN TRENCH, 2"

120' ELECTRIC CABLE IN CONDUIT, 600V

(XLP-TYPE USE) 3/C NO. 2 SECONDARY PEDESTAL

NOTICE THE SECONDARY PEDESTAL

SECONDARY PEDESTAL

OF NAPERVILLE)

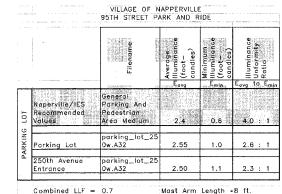
PROPOSED LIGHTING

CONTROLLER 100 AMP 120/240V

250TH

- RELOCATION OF THE EXISTING LIGHTING UNIT MUST BE COMPLETED THE SAME DAY. ALL LIGHTING MUST BE OPERATIONAL THAT SAME EVENING.
- 2. THE EXISTING METAL FOUNDATION SHALL BE REUSED FOR THE RELOCATED LIGHTING UNIT. THE COST TO REMOVE AND REINSTALL THE METAL FOUNDATION SHALL BE INCLUDED IN THE PAY ITEM "RELOCATE EXISTING LIGHTING UNIT"
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- 4. PAY ITEMS IN THE SUMMARY OF QUANTITIES HAVE BEEN ESTIMATED. IF, IN THE ENGINEER'S OPINION, ANY WORK IS NOT REQUIRED, THAT ITEM WILL BE DEDUCTED FROM THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE
- 5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLES FOR EXAMINATION AND CONFIRMATION WITH THE ENGINEER PRIOR TO INSTALLATION OF LIGHTING FOUNDATIONS.
- ANY WORK REQUIRED BY THE CONTRACTOR TO EXPOSE UNDERGROUND UTILITIES NEAR PROPOSED POLE FOUNDATIONS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF "POLE FOUNDATION, METAL".

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHEMENT OF FINISHED GRADE. THE ENGINEER MAY ASSIST THE CONTRACTOR, AS APPLICABLE, BUT THE RESPONSIBILITY FOR COORDINATING THE FINISHED GRADE ELEVATION. WITH THE TOP OF THE FOUNDATION HEIGHTS SHALL PENAIN WITH THE CONTRACTOR. REMAIN WITH THE CONTRACTOR.
- THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE ANY LIGHT STANDARD IS ERECTED.
- PHOTOCELL MATERIALS AND INSTALLATION ARE INCLUDED IN THE PAY ITEM "LIGHTING CONTROLLER, SPECIAL".
- 10. GALVANIZED STEEL CONDUIT IN TRENCH TO BE CAPPED AT BOTH ENDS FOR FUTURE USE WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE PAY ITEM "CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL"
- 11. THE INSTALLATION OF CONDUIT SLEEVES AND UNIT DUCTS SHALL BE SEQUENCED WITH THE REPLACEMENT OF THE PROPOSED PAVEMENT INCLUDING DRIVEWAYS AND SIDEWALKS. IF CONDUIT OR UNIT DUCT IS PUSHED BECAUSE FINAL SURFACE IS IN PLACE, THERE WILL BE NO ADDITIONAL COMPENSATION FOR PUSHING THE CONDUIT OR UNIT DUCT
- 12. MULTI-UNIT DUCT OR CONDUIT RUNS SHALL BE INSTALLED IN COMMON TRENCH AND BACKFILLED. TRENCH AND BACKFILL WILL NOT BE PAID FOR EACH UNIT DUCT OR CONDUIT, BUT WILL BE PAID FOR THE LENGTH OF THE COMMON TRENCH
- 13. A CITY OF NAPERVILLE BUILDING PERMIT IS REQUIRED.



Lamp Lumens = 28,000 lumens Mounting Height = 32 ft.

250 watt HPS Photometric file: GE1002.les

PRE-FINAL SUBMITTAL 05.31.0 FINAL SUBMITTAL

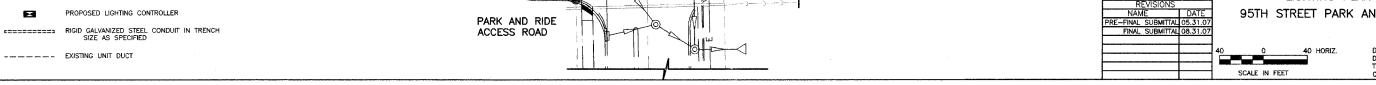
CITY OF NAPERVILLE

LIGHTING PLAN 95TH STREET PARK AND RIDE

> DATE: 11/26/2007 CHECKED BY: JRV

> > 8 OF 15

95TH STREET PARK AND RIDE SHEET



N1838739, E1011533

CKT F SOUTH

91ST STREET

-UNIT DUCT, 600V, 3-1C NO. 6, 1/C NO. 6 GROUND, (XUP-TYPE USE), 1 1/4" DIA POLYETHYLENE

CKT A AND B

N1839063

E1011488 CKT C WEST

CKT D EAST

N1839001

E1011490

48' CONDUIT IN TRENCH, 4" DIA. GALVANIZED STEEL

-SPLICE CKTS C AND D

N1838892. E1011480 CKT F

HANDHOLE

RELOCATE EXISTING LIGHTING UNIT (SEE NOTE 1 AND 2)
SPLICE EX. CKT TO PROPOSED UNIT DUCT

1839253, E1011290

44' CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL

CAPPED AT BOTH ENDS FOR

N1839185, E1011283 CKT A WEST

A CKT B EAST

N1839058,

E1011286 CKT C WEST

CKT D EAST

N1838937, E1011305

ROUND TAPERED ALUMINUM POLE 32' M.H.

ROUND TAPERED ALUMINUM POLE 32' M.H.

N1838996,

E1011305 CKT C

PULL EXISTING CABLE FROM UNIT DUCT

N1839256, E1011403

N1839258, E1011498 CKT A

N1839190, E1011485 CKT. A WEST

CKT B EAST

N1839187, E1011389

N1839061,

E1011393 CKT C WEST

CKT D EAST

— d = =

N1838792, E1011452

30' CONDUIT IN TRENCH

2" DIA., GALVANIZED STEEL

UNIT DUCT, 600V, 3-1/C NO. 6, 1/C NO. 6 GROUND, (XLP-TYPE USE),

1 1/4" DIA. POLYETHYLENE (TYP.)-

N1838940, E1011436 CKT_C

(SEE NOTE 9)-

PULL 3/C NO. 10 600V

(XLP-TYPE USE)
ELECTRIC CABLE IN
UNIT DUCT FOR PHOTOCELL

CONNECTION (SEE NOTE 9)

CKT B EAST

ROAD

NORMANTOWN

T T T

N1839276, E1011232 EX. CKT B3

UNIT DUCT, 600V, 3-1C NO. 6

1/C NO. 6 GROUND, (XLP-TYPE USE) 1 1/4" DIA. POLYETHYLENE (TYP.

LEGEND

POLE:

POLE:

EXISTING LIGHTING UNIT

RELOCATED LIGHTING UNIT

PROPOSED LIGHTING UNIT (TWIN)

PROPOSED LIGHTING UNIT (SINGLE)

LUMINAIRE: 250 WATT HPS, 120V

UNIT DUCT, 600V, 3-1C NO. 6, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE