



EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTORS							
EMERGENCY VEHICLE PREEMPTOR	1	2					
MOVEMENT	—	↓ ↑					

I. D. O. T. TRAFFIC SIGNAL INSTALLATION FLECTRICAL SERVICE REQUIREMENTS

ELECTRICAL SERVICE REQUIREMENTS							
TYPE	NO. LAMPS	WATTAGE		% OPERATIONS	TOTAL		
		INCAND.	LED		WATTAGE		
SIGNAL (RED)	14	1 35	17	0.50	119		
(YELLOW)	14	1 35	25	0.25	88		
(GREEN)	14	1 35	15	0.25	53		
ARROW	8	1 35	12	0.10	10		
PED. SIGNAL		90	25	1.00			
CONTROLLER	1	100	100	1.00	100		
ILLUM. SIGN		252	25	0.05			
VIDEO SYSTEM		150	-	1.00			
FLASHER LED							
				TOTAL =	370		

ENERGY COSTS-

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FILE NAME =

BILLED TO: VILLAGE OF DEERFIELD 850 WAUKEGAN ROAD

DEERFIELD, IL 60015 ENERGY SUPPLY -

CONTACT TERRI BLECK 847-816-5239 PHONE

COMMONWEALTH EDISON

DESIGNED REVISED USER NAME = \$USER\$ DW s 12-001 Sheets SE Lake Co\12915_CAB_LAKE.do DRAWN JDH REVISED CHECKED KMM REVISED DATE REVISED PLOT DATE = 3/28/2012

SCHEDULE OF QUANTITIES

QUANTITY <u>UNIT</u> <u>ITEM</u> MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
SIGNAL HEAD, LED, 3-FACE, 3-SECTION, BRACKET MOUNTED
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT
MODIFY EXISTING CONTROLLER CABINET
REMOVE EXISTING TRAFFIC SIGNAL EOUIPMENT
UNINTERRUPTABLE POWER SUPPLY, SPECIAL EACH EACH EACH

* - 100% COST TO VILLAGE OF DEERFIELD

REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT

INTERCONNECT TO LAKE-COOK RD.

FIBER OPTIC CABLE

TRACER CABLE

NO. 62.5/125. 12F

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

10 SIGNAL HEAD, 3 - SECTION EACH EACH

CABLE PLAN

NO. 6

RELOCATE EXISTING EVP

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MCDONALD

-NO. 6

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NO. 6

ILL ROUTE 43

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DETECTOR UNIT TO NEW 18' POST

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(WAUKEGAN RD.)

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ENT.

CORNER

- REPLACE 14 FT. PAINTED POST. RE-USE EXISTING TYPE A CONCRETE FOUNDATION.
- REPLACE 15 FT. PAINTED POST. RE-USE EXISTING TYPE A CONCRETE FOUNDATION.
- REPLACE 16 FT. PAINTED POST. RE-USE EXISTING TYPE A CONCRETE FOUNDATION.
- REPLACE 18 FT. PAINTED POST. RE-USE EXISTING TYPE A CONCRETE FOUNDATION.

CONTRACTOR SHALL RELOCATE EXISTING SIGN PANELS FROM PAINTED POSTS THAT ARE INDICATED FOR REPLACEMENT TO A NEW POSTS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THE COST OF REMOVAL, RELOCATION AND ANY NEW MOUNTING HARDWARE NECESSARY TO COMPLETE THIS WORK SHALL BE INCLUDED IN THE TRAFFIC SIGNAL POST, GALVANIZED STEEL PAY ITEM OF THE LENGTH AS SPECIFIED IN THE PLANS.

TS# 12915 DEERFIELD

SHEET NO. OF SHEETS STA.

COUNTY 2012-003 I LAKE 102 22 CONTRACT NO. 60T41

SECTION

> 2 **→** 2

TRACER CABLE

INTERCONNECT TO OAKMONT AVE.

-FIBER OPTIC CABL NO. 62.5/125. 12F

SIGNAL HEAD, 5 - SECTION TRAFFIC SIGNAL BACKPLATE EACH STEEL POST

> IL. RTE. 43 AND McDONALD'S/CADWELL'S CORNER ENT. - CABLE PLAN, STATE OF ILLINOIS SCHEDULE OF QUANTITIES, PHASE DESIGN. DIAGRAM & EVP SEQUENCE **DEPARTMENT OF TRANSPORTATION**