



CONSTRUCTION NOTES:

① USE SPARE WIRE IN THE EXISTING 9 CONDUCTOR CABLE FOR ADDITIONAL CONTINUOUS FLOW SECTION ON THE 4-SECTION HEAD.

② INCIDENTAL HMA MIX WILL BE A MINIMUM SURFACE, MIX "D", N50.

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.

1 EACH SIGNAL HEAD, 1-SECTION
7 EACH SIGNAL HEAD, 3-SECTION

THE UPS SHALL BE INSTALLED ON A SEPARATE FOUNDATION NEXT TO THE EXISTING CONTROLLER CABINET (TYPE III) OR AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE PAY ITEM "UNINTERRUPTIBLE POWER SUPPLY, GROUND MOUNTED."

SCHEDULE OF QUANTITIES
ILL RTE 25 (DUNDEE AV) AT ILL RTE 25 (PAGE AV)

NO.	QUANT.	UNIT	DESCRIPTION
1.	15	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
2.	1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
3.	1	EACH	DRILL EXISTING HANDHOLE
4.	1	EACH	SIGNAL HEAD, LED, 1-FACE, 1-SECTION, BRACKET MOUNTED
5.	1	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
6.	2	EACH	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
7.	1	EACH	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED
8.	1	EACH	MODIFY EXISTING CONTROLLER CABINET
9.	1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
10.	1	EACH	UNINTERRUPTIBLE POWER SUPPLY, GROUND MOUNTED

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

TYPE	NO. LAMPS	WATTAGE		% OPERATION	TOTAL WATTAGE
		INCAND.	L.E.D.		
SIGNAL (RED)	7	135	17	0.50	59.5
SIGNAL (YELLOW)	7	135	25	0.25	43.75
SIGNAL (GREEN)	9	135	15	0.25	33.75
ARROW	--	135	12	0.10	--
PED. SIGNAL	--	90	25	1.00	--
CONTROLLER	1	--	100	1.00	100.0
LUMINAIRE	--	--	250	0.50	--
L.E.D. ST. NAME SIGN	--	--	64	0.50	--
VIDEO SYSTEM	--	--	150	1.00	--
BATTERY BACKUP	1	--	25	1.00	25.0
ILLUMINATED SIGN	--	--	25	0.05	--
TOTAL =					262.0

ENERGY COSTS - BILLED TO: CITY OF ELGIN
(ADDRESS) 150 DEXTER COURT
(ADDRESS) ELGIN, IL 60120

ENERGY SUPPLY - CONTACT: _____
PHONE: _____
COMPANY: _____