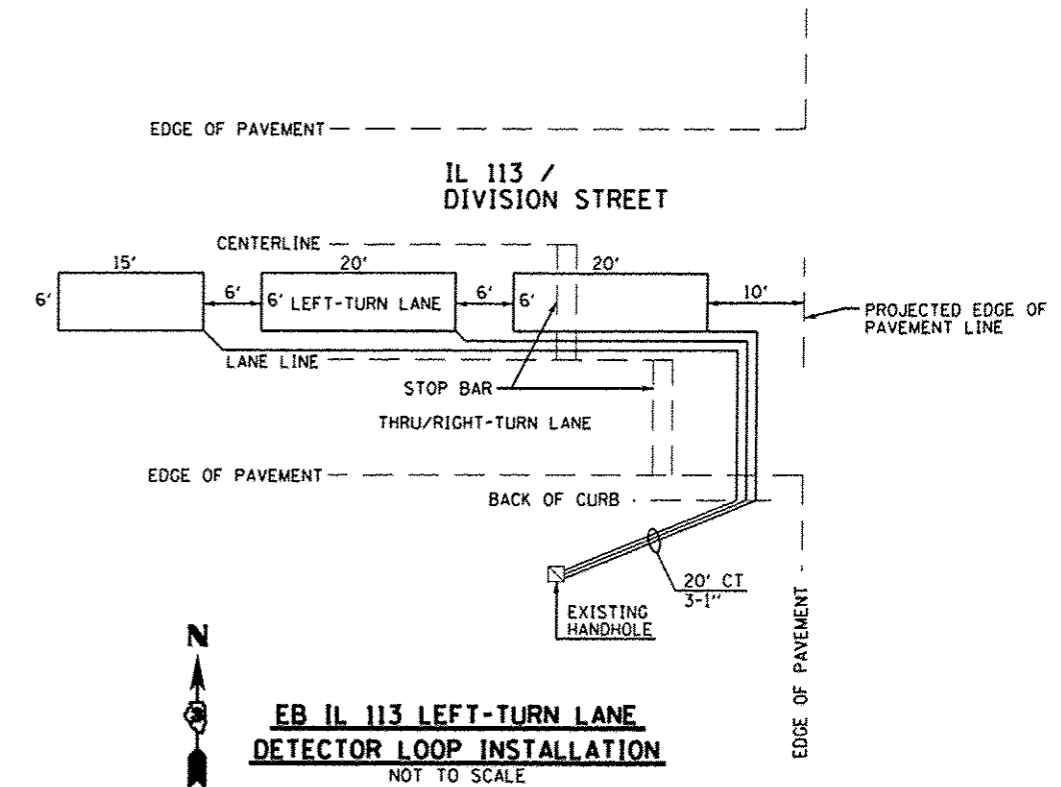


DETECTOR LOOP INDUCTANCE CHART			
DETECTOR LOOP SYSTEM	TURNS PER LOOP	INDUCTANCE READING (MICROHENRIES)	FREQUENCY (HERTZ)
A	4	217	41,432
B	4	217	41,432
C	4	270	37,143
D	4	271	37,075
E	6	344	32,907
F	4	234	34,216
G	4	347	24,096
H	5	271	37,075
I	5	443	28,970
J	5	223	40,871
K	5	331	26,486
L	5	289	35,902
M	5	767	22,038
N	5	296	35,475
O	6	343	32,859
P	4	286	34,089
Q	5	219	41,242
R	4	809	21,458

ELECTRICAL LOAD FOR INTERSECTION				
STREET NAME	COMPONENT	NUMBER	WATTAGE EACH	BURNTIME %
IL 113	RED	6	11	50
	YELLOW	6	22	25
	GREEN	6	15	25
	YELLOW ARROW LT.	4	10	10
	GREEN ARROW LT.	4	11	10
	VEHICLE DETECTORS	4	20	100
	BROADWAY STREET	RED	7	11
	YELLOW	7	22	25
	GREEN	7	15	25
	YELLOW ARROW LT.	4	10	10
	GREEN ARROW LT.	4	11	10
	YELLOW ARROW RT.	2	10	10
	GREEN ARROW RT.	2	11	10
	VEHICLE DETECTORS	4	20	100
TRAFFIC SIGNAL CABINET	CONTROLLER	1	6	100
	UPS	1	50	100
	VEHICLE DETECTORS	18	4	100



THERE MAY BE ADDITIONAL ELECTRICAL LOADS DUE TO LIGHTING AND EMERGENCY VEHICLE DETECTION EQUIPMENT.
 AGENCY RESPONSIBLE FOR TRAFFIC SIGNAL ENERGY CHARGES:
 VILLAGE OF COAL CITY

SCHEDULE OF QUANTITIES (95% STATE / 5% CITY)

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	66
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	141
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
87300010	GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	3
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	373
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	108
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1048
87900100	DRILL EXISTING FOUNDATION	EACH	1
87900200	DRILL EXISTING HANDHOLE	EACH	5
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	2
88500100	INDUCTIVE LOOP DETECTOR	EACH	1
88600100	DETECTOR LOOP, TYPE I	FOOT	360
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	225
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
X8140102	GROUND EXISTING HANDHOLE	EACH	4
X8660100	LOOP DETECTOR TESTING	EACH	1
Z0007420	SIDEWALK REPAIR (SPECIAL)	SQ FT	20

