

SCHEDULE OF QUANTITIES

DETECTABLE WARNINGS	SOFT	76
PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SOFT	962
SIDEWALK REMOVAL	SOFT	962
SIGN PANEL, TYPE 1	SO FT	18
SIGN PANEL, TYPE 2	SO FT	23
THERMOPLASTIC PAVEMENT MARKING, LINE-12"	FOOT	546
THERMOPLASTIC PAVEMENT MARKING, LINE-24"	FOOT	132
THERMOPLASTIC PAVEMENT MARKING REMOVAL	SO FT	404
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	35
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	79
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	74
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	330
HANDHOLE	EACH	3
HEAVY DUTY HANDHOLE	EACH	4
DOUBLE HANDHOLE	EACH	1
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	114
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1350
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1599
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1505
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1499
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1754
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	128
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 14 FT. AND 38 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 16 FT. AND 30 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 20 FT. AND 36 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	4
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	60
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	8
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	7
PEDESTRIAN SIGNAL HEAD, L.E.D., 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	15
INDUCTIVE LOOP DETECTOR	EACH	10
DETECTOR LOOP, TYPE 1	FOOT	734
PEDESTRIAN PUSH-BUTTON	EACH	8
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	6085
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	8
REMOVE EXISTING CONCRETE FOUNDATION	EACH	9
SERVICE INSTALLATION, GROUND MOUNT	EACH	1
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	360
ELECTRIC CABLE IN CONDUIT, NO. 20 3/C, TWISTED & SHIELDED	FOOT	249
UNINTERRUPTIBLE POWER SUPPLY	EACH	1
REBUILD EXISTING HANDHOLE	EACH	2

PROPOSED EMERGENCY VEHICLE PREEMPTOR

EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↑	→

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

TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16	135	17	0.50	136
(YELLOW)	16	135	25	0.25	100
(GREEN)	16	135	15	0.25	60
ARROW	16	135	12	0.10	19.2
PED. SIGNAL	8	90	25	1.00	200
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN		84		0.05	

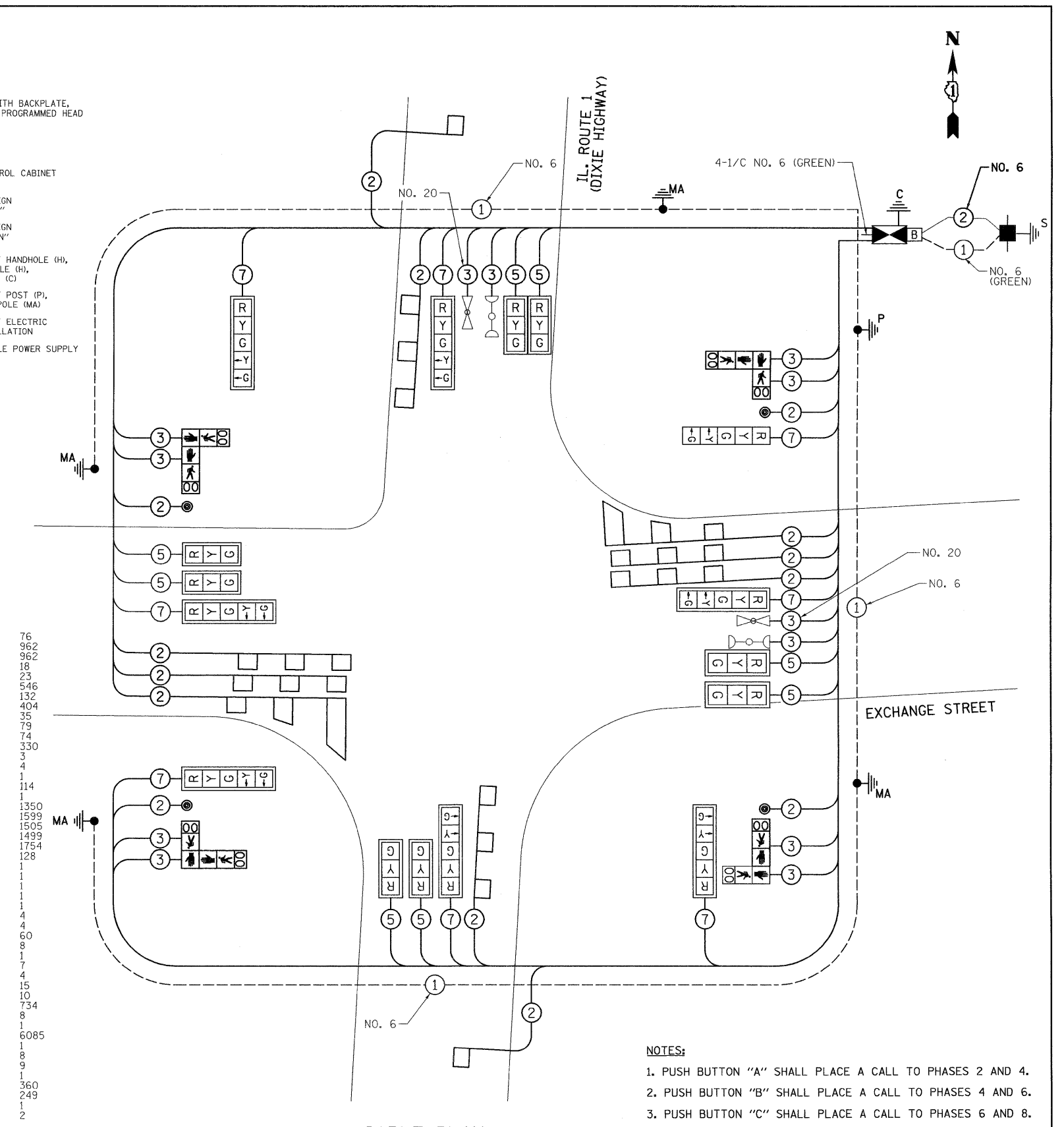
ENERGY COSTS TO:

VILLAGE OF CRETE
524 W. EXCHANGE STREET
CRETE, IL 60417

CONTACT: _____
PHONE: _____
COMPANY: COMED

FILE NAME = \MICROSTV35272\IL1 @ EXCHANGE CAB.DGN
USER NAME = RDS
DESIGNED - KK
DRAWN - RDS
CHECKED - BPT
PLOT SCALE = 1"=20'
PLOT DATE = 03-18-09

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.0 (1.0)
D - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20.0 (6.0)
E - M. ARM POLE		SIGNAL POST	0 (0.0)	BRACKET MOUNTED	13 (4.0)
24" (600mm)	10 (3.0)	CONTROLLER CAB.	0 (0.0)	PED. PUSH-BUTTON	6 (2.0)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	ELECTRIC SERVICE	13.5 (4.1)
		ELECTRIC SERVICE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
		GROUND CABLE	1 (0.5)	POST MOUNTED	13 (4.0)



NOTE: THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE".

- ### NOTES:
- PUSH BUTTON "A" SHALL PLACE A CALL TO PHASES 2 AND 4.
 - PUSH BUTTON "B" SHALL PLACE A CALL TO PHASES 4 AND 6.
 - PUSH BUTTON "C" SHALL PLACE A CALL TO PHASES 6 AND 8.
 - PUSH BUTTON "D" SHALL PLACE A CALL TO PHASES 2 AND 8.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN AND PHASE DESIGNATION DIAGRAM

IL. ROUTE 1 (DIXIE HIGHWAY) AT EXCHANGE STREET

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

PREPARED BY:
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2009-037 TS	WILL	21	20

CONTRACT NO. 60G42
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT