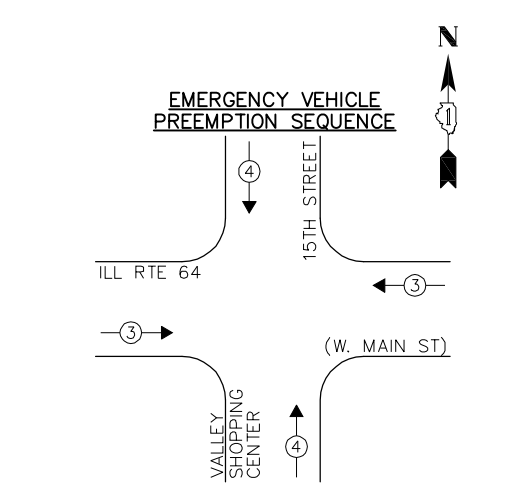


OVERLAP LETTER = PERMISSIVE PHASE + PROTECTED PHASE

D = 8 + 1

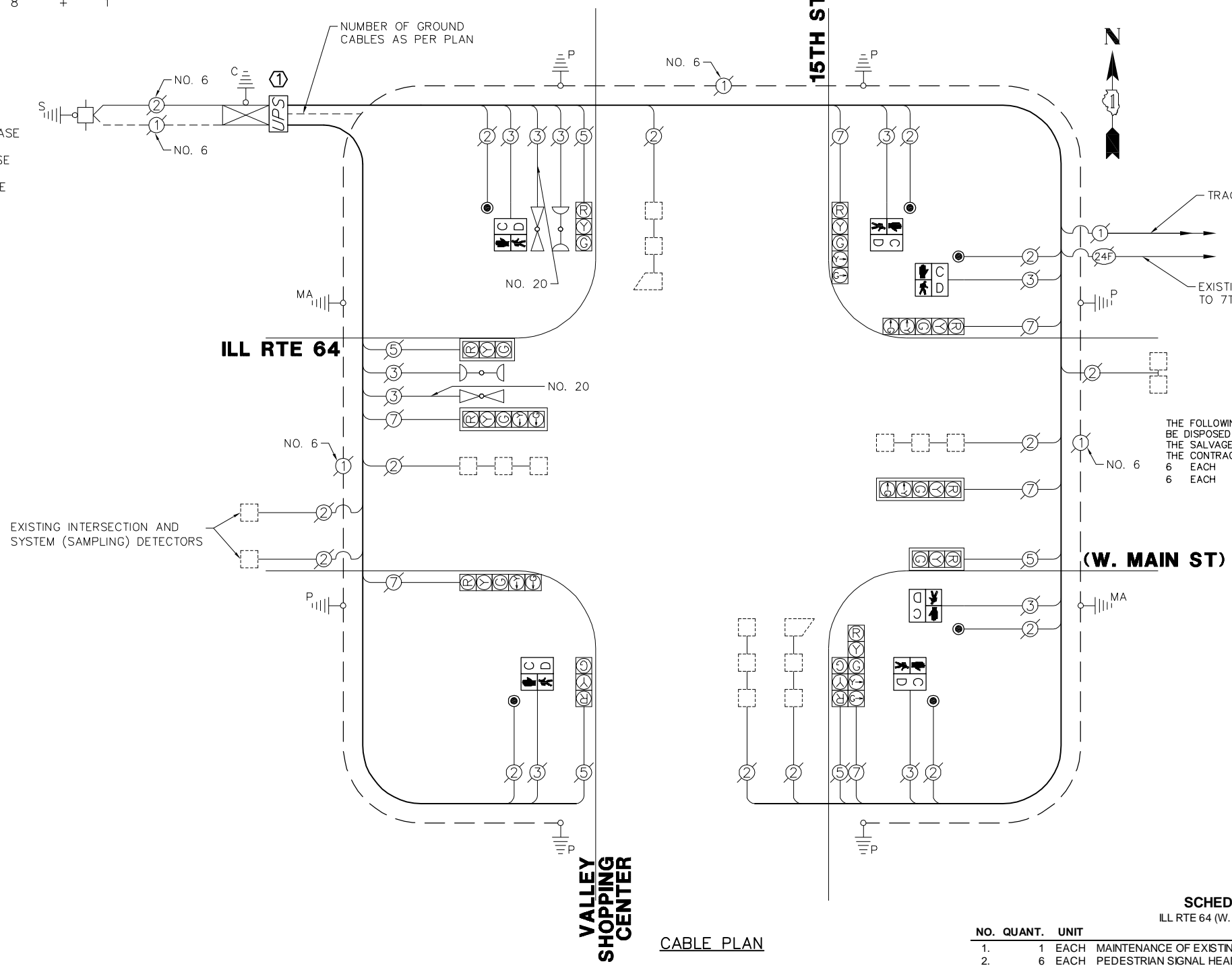


EXISTING EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↑ ↓

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE	% OPERATION		
SIGNAL (RED)	11	135	17	0.50	93.5
SIGNAL (YELLOW)	11	135	25	0.25	68.75
SIGNAL (GREEN)	11	135	15	0.25	41.25
ARROW	12	135	12	0.10	14.4
PED. SIGNAL	6	90	25	1.00	150.0
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 =					492.9

ENERGY COSTS - BILLED TO: CITY OF ST. CHARLES  
 (ADDRESS) 2 E. MAIN STREET  
 (ADDRESS) ST. CHARLES, IL 60174

ENERGY SUPPLY - CONTACT: \_\_\_\_\_  
 PHONE: \_\_\_\_\_  
 COMPANY: \_\_\_\_\_



**CONSTRUCTION NOTES:**

① THE UNINTERRUPTIBLE POWER SUPPLY UNIT SHALL BE INSTALLED ON THE LEFT SIDE OF THE EXISTING CONTROLLER CABINET

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.

6 EACH PEDESTRIAN SIGNAL HEAD  
 6 EACH PEDESTRIAN PUSH BUTTON

### SCHEDULE OF QUANTITIES

ILL RTE 64 (W. MAIN STREET) AT 15TH STREET

NO.	QUANT.	UNIT
1.	1	EACH MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
2.	6	EACH PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
3.	6	EACH PEDESTRIAN PUSH-BUTTON
4.	1	EACH MODIFY EXISTING CONTROLLER CABINET
5.	1	EACH REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
6.	1	EACH UNINTERRUPTIBLE POWER SUPPLY, SPECIAL

FILE NAME = 4085.881-TR1.dwg

USER NAME = ZACH WALLSTEN

PLOT SCALE = 1" = .0833'

PLOT DATE = 2/3/2012

DESIGNED - JRD

DRAWN - ZCW

CHECKED - KLB

DATE - 2/3/2012

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM, & EMERGENCY VEHICLE PREEMPTION SEQUENCE  
 ILL RTE 64 (W. MAIN ST) AT 15TH STREET

SCALE: N.A. SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. VARIES

SECTION 2011-221-I

COUNTY KANE

TOTAL SHEETS 43

SHEET NO. 38

CONTRACT # 60R81

ILINOIS FED. AID PROJECT

GHA #4085.881