

SCHEDULE OF QUANTITIES
IL 53 (BROADWAY ST) AT RUBY STREET

NO.	QUANT.	UNIT
1.	1	EACH MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
2.	1	EACH CONTROLLER CABINET TYPE IV
3.	1	EACH TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.
4.	1	EACH TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
5.	2	EACH RELOCATE EXISTING SIGNAL HEAD
6.	2	EACH RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD
7.	2	EACH RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON
8.	1	EACH REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
9.	1	EACH UNINTERRUPTIBLE POWER SUPPLY, SPECIAL
10.	8	EACH INDUCTIVE LOOP DETECTORS
*11.	1	EACH RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT

CONSTRUCTION NOTE:

- REMOVE EXISTING SIGNAL HEADS AND REPLACE EXISTING 10 FOOT PAINTED POST. INSTALL EXISTING PEDESTRIAN SIGNAL HEADS AND PUSH BUTTONS ON NEW 10 FOOT GALVANIZED STEEL POST. REUSE EXISTING TYPE "A" CONCRETE FOUNDATION AND EXISTING CABLES.
- REMOVE EXISTING SIGNAL HEADS AND REPLACE EXISTING 16 FOOT PAINTED POST. INSTALL EXISTING SIGNAL HEADS ON NEW 16 FOOT GALVANIZED STEEL POST. REUSE EXISTING TYPE "A" CONCRETE FOUNDATION AND EXISTING CABLES.
- AT LOCATIONS ON THE PLANS WHERE TRAFFIC SIGNAL POST REMOVAL AND NEW TRAFFIC SIGNAL POST INSTALLATIONS ARE SPECIFIED, THE CONTRACTOR SHALL INSPECT THE EXISTING POST FOUNDATIONS. PRIOR TO REMOVING THE EXISTING TRAFFIC SIGNAL POST TO BE REPLACED, THE CONTRACTOR SHALL VERIFY THAT THE EXISTING CONDITION OF THE ANCHOR BOLT IS ACCEPTABLE. IF THE EXISTING TRAFFIC SIGNAL POST IS NOT ACCEPTABLE, THE EXISTING TRAFFIC SIGNAL POST SHALL REMAIN IN PLACE AND NOT BE REMOVED AFTER THE CONTRACTOR HAS VERIFIED THE CONDITION OF THE ANCHOR BOLT WITH THE ENGINEER. THE CONTRACTOR SHALL BE PAID FOR THE NUMBER OF TRAFFIC SIGNAL POSTS INSTALLED AND NO OTHER COMPENSATION WILL BE PROVIDED.

NOTE:

THE EXISTING CONTROLLER IS AN ECONOLITE ASC/2S-2100 IN A PAINTED TYPE IV 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.

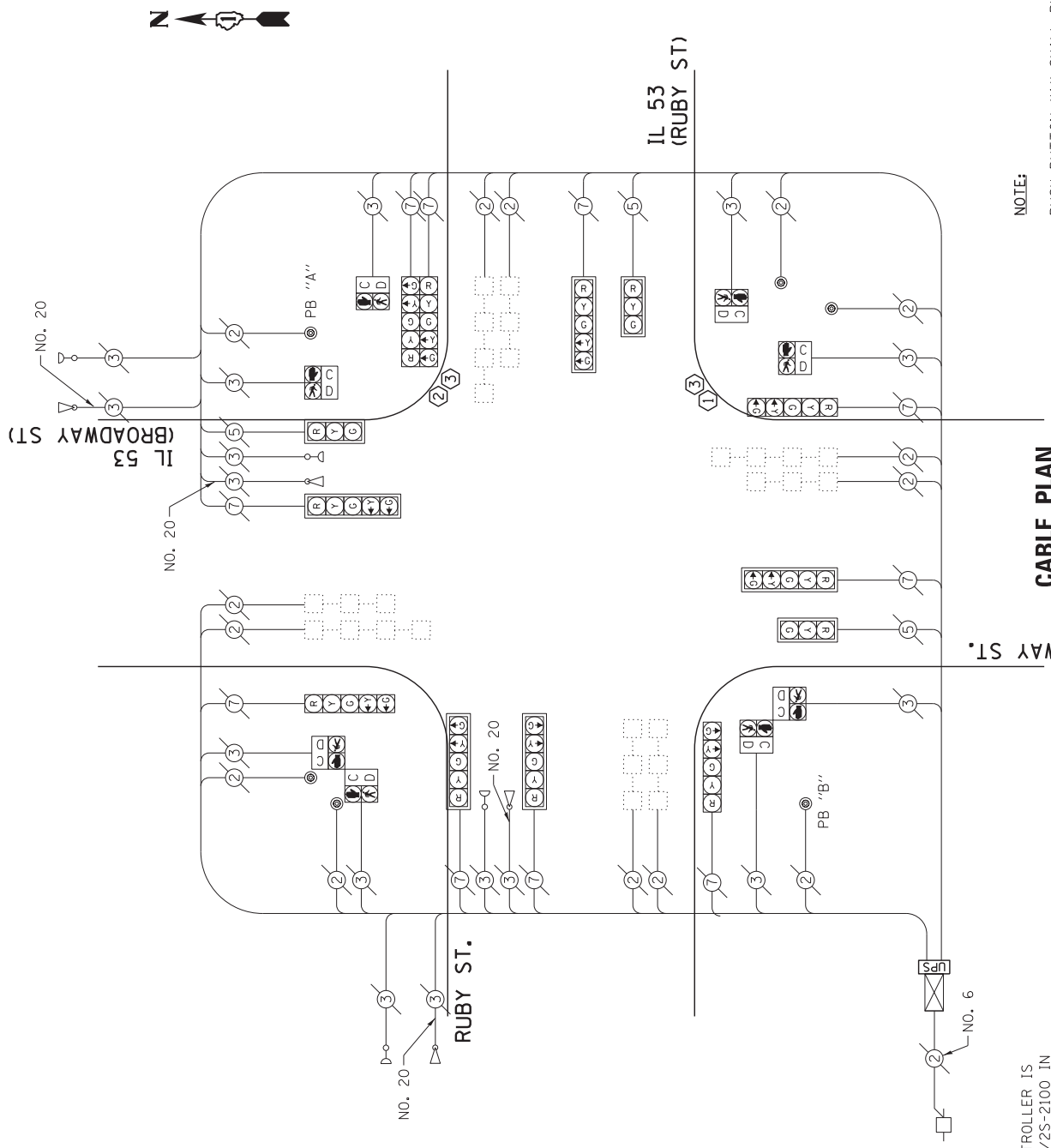
- 2 EACH TRAFFIC SIGNAL POST
- 1 EACH CONTROLLER CABINET TYPE IV

*100% OF THE COST SHALL BE PAID FOR BY THE CITY OF JOLIET

TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS			TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE	
SIGNAL (RED)	13	135	1710
SIGNAL (YELLOW)	13	135	1710
SIGNAL (GREEN)	13	135	1710
ARROW	20	135	2700
PED. SIGNAL	8	90	720
CONTROLLER	1	100	1000
LUMINAIRE	-	-	-
L.E.D. ST. NAME SIGN	-	-	-
VIDEO SYSTEM	-	-	-
BATTERY BACKUP	1	-	250
ILLUMINATED SIGN	-	-	-
TOTAL =			5895

ENERGY COSTS - BILLED TO: IL DEPT. OF TRANSPORTATION (ADDRESS) 201 W. CENTER COURT (ADDRESS) SCHALMIBURG, IL 60196-1096
ENERGY SUPPLY - CONTACT: TIM COSLET
PHONE: 815-724-5010
COMPANY: COMED-JOLIET

FILE NAME =	USER NAME = gwhitten
60W21-029-IL53B-roadway SubRuby S.dgn	
PLOT SCALE = 1:20	
PLOT DATE = 3/29/2013	

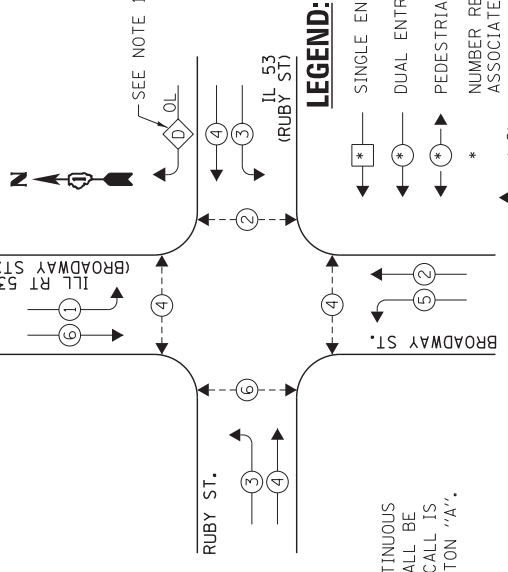


CABLE PLAN

NOTE:

PUSH BUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4.
PUSH BUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6.

EXISTING CONTROLLER SEQUENCE

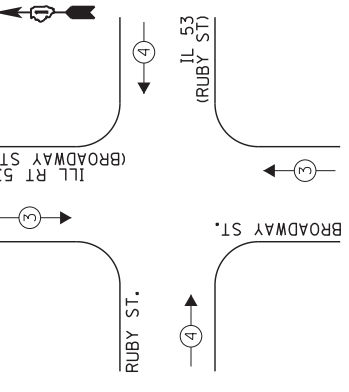


LEGEND:

- SINGLE ENTRY PHASE
- DUAL ENTRY PHASE
- PEDESTRIAN PHASE
- NUMBER REFERS TO ASSOCIATED PHASE
- OVERLAP

- OVERLAP D IS A CONTINUOUS RIGHT ARROW AND SHALL BE TERMINATED WHEN A CALL IS PLACED TO PUSH BUTTON "A".

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



EXISTING EMERGENCY VEHICLE PREEMPTORS	
EMERGENCY VEHICLE PREEMPTOR	3
MOVEMENT	4

EXISTING PHASE DESIGNATION DIAGRAM

DESIGNED - JRD	REVISED -	STATE OF ILLINOIS	SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM, & EMERGENCY VEHICLE PREEMPTION SEQUENCE	F.A. RITE.	SECTION	COUNTY	TOTAL SHEETS
DRAWN - GW3	REVISED -	DEPARTMENT OF TRANSPORTATION	IL 53 (BROADWAY ST) AND RUBY STREET	VAR	2013-003-1	WILL	89
CHECKED - KLB	REVISED -						29
DATE - 03-28-13	REVISED -						CONTRACT NO. 60W21