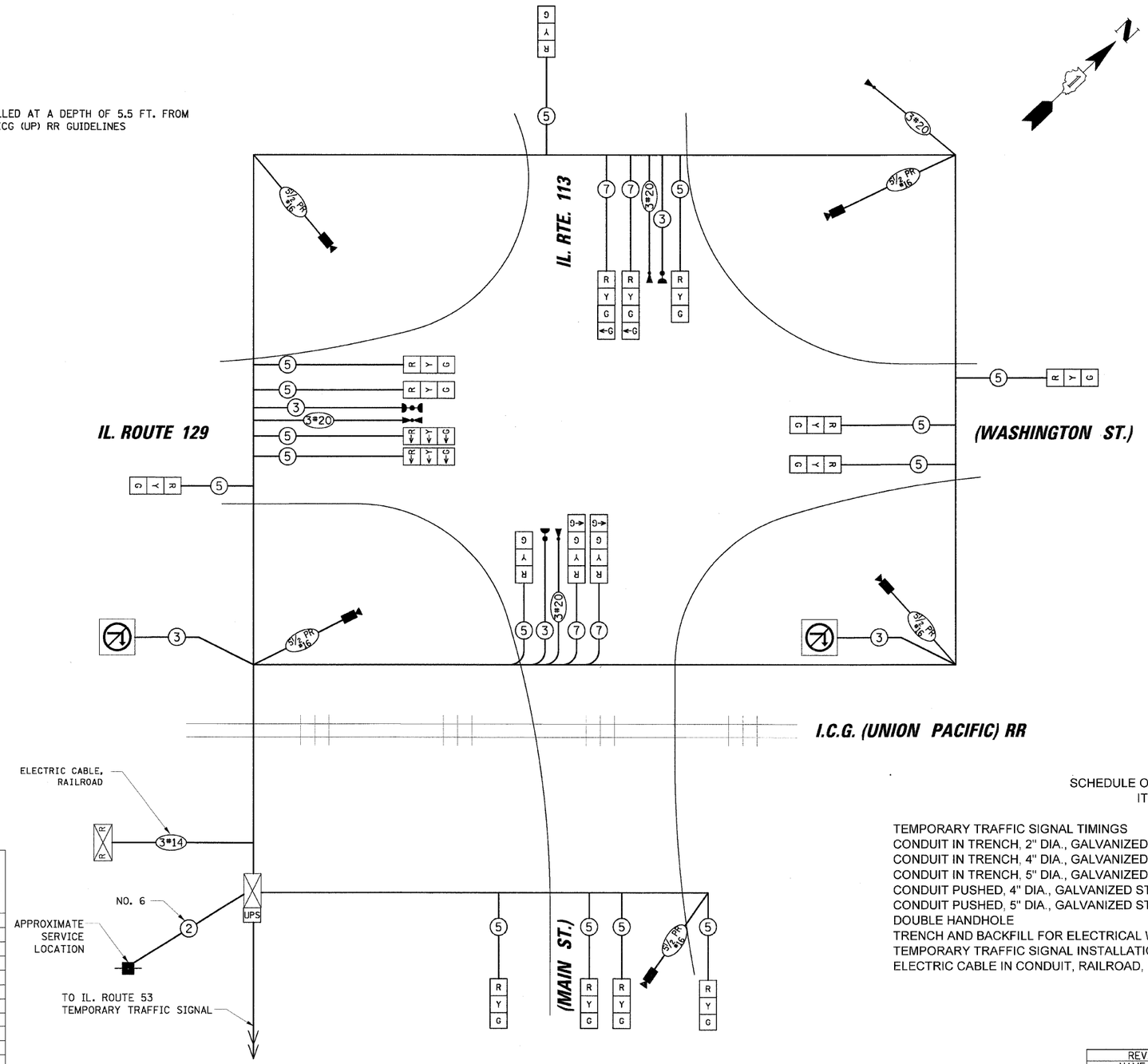
CONTRACT NO. 62910

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	81
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONSTRUCTION NOTE:

THE PROPOSED (1) 4" AND (2) 5" CONDUITS SHALL BE INSTALLED AT A DEPTH OF 5.5 FT. FROM TOP OF CONDUIT TO TOP OF TIE OF THE MAIN TRACK, PER ICG (UP) RR GUIDELINES



TEMPORARY CABLE DIAGRAM LEGEND

- R — TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
- TEMPORARY CONTROLLER CABINET
- TEMPORARY SERVICE INSTALLATION
- (5) — INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- PEDESTRIAN PUSHBUTTON DETECTOR
- 12" (300mm) PEDESTRIAN SIGNAL SECTION
- VIDEO DETECTION UNIT
- R R — RAILROAD CONTROLLER CABINET
- ILLUMINATED SIGN, L.E.D. (NO LEFT TURN)
- ILLUMINATED SIGN, L.E.D. (NO RIGHT TURN)
- UPS — UNINTERRUPTIBLE POWER SUPPLY

SCHEDULE OF QUANTITIES

ITEM	UNIT	TOTAL
TEMPORARY TRAFFIC SIGNAL TIMINGS	EACH	1
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	38
CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	142
CONDUIT IN TRENCH, 5" DIA., GALVANIZED STEEL	FOOT	294
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	55
CONDUIT PUSHED, 5" DIA., GALVANIZED STEEL	FOOT	110
DOUBLE HANDHOLE	EACH	3
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	215
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, RAILROAD, NO. 14 3C	FOOT	65

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

TYPE	NO. OF LAMPS	WATTAGE INCAND.	WATTAGE LED	x % OPERATION	TOTAL WATTAGE
SIGNAL (RED)	33		17	0.50	280.50
(YELLOW)	33		25	0.25	206.25
(GREEN)	41		15	0.25	153.75
ARROW	-		12	0.10	-
PED. SIGNAL	-		25	1.00	-
CONTROLLER	1	100	100	1.00	100.00
ILLUM. SIGN	6		25	0.05	7.5
FLASHER				0.50	-
ENERGY COSTS TO:				TOTAL =	748.00

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAY/DISTRICT 1
201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY: CONTACT: DENETTE PRICE
PHONE: (815) 724-5590
COMPANY: COMED

FOUNDATION (DEPTH)	FT.	(m)	CABLE SLACK	FT.	(m)	VERTICAL	FT.	(m)
TYPE A - POST	4	(1.2)	HANDHOLE	6.5	(2.0)	ALL FOUNDATIONS	3.5	(1.0)
D - CONTROLLER	4	(1.2)	DOUBLE HANDHOLE	13	(4.0)	MAST ARM (L) POLE	20'+L-2=	
E - M. ARM POLE			SIGNAL POST	2	(1.0)		(6m+L-0.6m)=	
24" (600mm)	10	(3.0)	CONTROLLER CAB.	1	(0.5)	BRACKET MOUNTED	13	(4.0)
30" (750mm)	15	(4.6)	FIBER OPTIC	13	(4.0)	PED. PUSHBUTTON	4	(1.2)
36" (900mm)	15	(4.6)	ELECTRIC SERVICE	1	(0.5)	ELECTRIC SERVICE	13.5	(4.1)
			GROUND CABLE	1	(0.5)	SERVICE TO GROUND	13.5	(4.1)
						POST MOUNTED	6	(1.8)

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES AND TEMPORARY CABLE PLAN

IL. ROUTE 129 (WASHINGTON ST.)
AT IL. ROUTE 113 (MAIN ST.)

SCALE: N.T.S.
DATE: 5/9/2007
DRAWN BY: FPB
DESIGNED BY: WCE
CHECKED BY: MJT/GMZ

CHRISTOPHER B. BURKE ENGINEERING LTD.
9575 West Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

PROFILE | PLAN | BY | DATE

N:\TRAFFIC\01-197\IL 113 _ IL 129 _ IL 53\02 TCB_IL129.dgn