

**SCHEDULE OF QUANTITIES**

ITEM	UNIT	QNTY.
SIGN PANEL - TYPE 1	SQ FT	78.5
SIGN PANEL - TYPE 2	SQ FT	30.0
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	781
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	20
CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	49
CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	268
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	573
CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	74
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	765
REMOVE EXISTING JUNCTION BOX	EACH	2
HANDHOLE	EACH	8
HEAVY-DUTY HANDHOLE	EACH	5
DOUBLE HANDHOLE	EACH	4
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1,118
TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,207
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	3,664
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	5,489
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,862
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	7,682
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	64
TRAFFIC SIGNAL POST, GALVANIZED STEEL 9 FT.	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 12 FT.	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 56 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 54 FT. AND 50 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 58 FT. AND 46 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 70 FT. AND 40 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	12
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	16
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	69
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	16
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	5
SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	4
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED	EACH	1
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	21
INDUCTIVE LOOP DETECTOR	EACH	21
LIGHT DETECTOR	EACH	4
LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	6
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
ILLUMINATED SIGN, LED	EACH	2
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	15
REMOVE EXISTING CONCRETE FOUNDATION	EACH	9
PREFORMED DETECTOR LOOP	FOOT	1,647
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
RAILROAD, FULL-ACTUATED CONTROLLER AND TYPE V CABINET (SPECIAL)	EACH	1
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
UNINTERRUPTIBLE POWER SUPPLY	EACH	1
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	1,136
ELECTRIC CABLE IN CONDUIT, RAILROAD, NO. 14 3C	FOOT	181
ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	1,231
RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1
ELECTRIC CABLE IN CONDUIT, COAXIAL	FOOT	528
REMOTE CONTROLLED VIDEO SYSTEM	EACH	1
LAYER II (DATALINK) SWITCH	EACH	1
VIDEO ENCODER	EACH	1
ELECTRIC CABLE IN CONDUIT, 4/C #20, VIDEO	FOOT	528

\*\* 100 % COST TO VILLAGE OF BANNOCKBURN

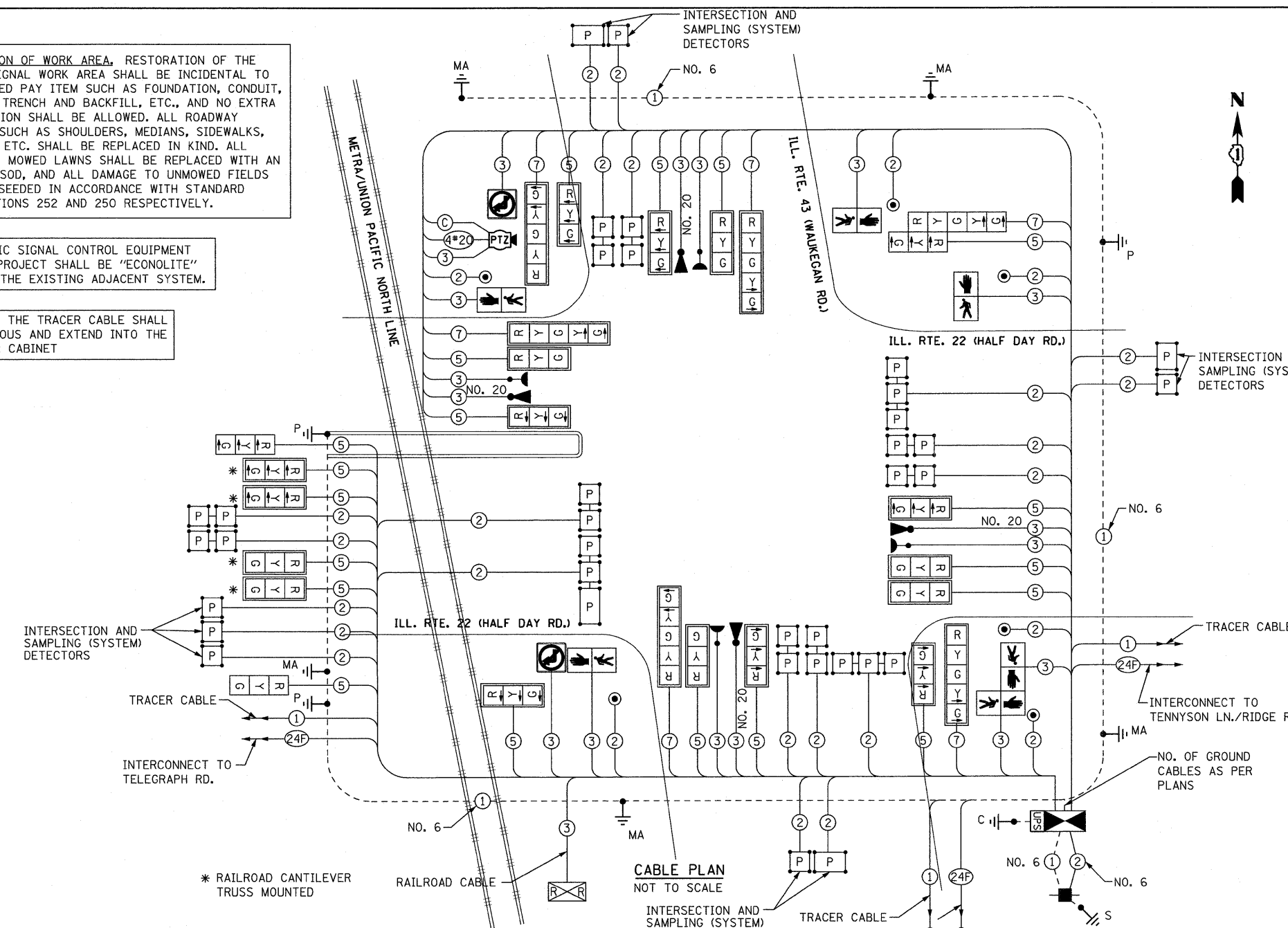
**RAILROAD CANTILEVER SIGNAL HEAD MOUNTING**

USE NONCONDUCTIVE SPACERS BETWEEN THE TRAFFIC SIGNAL EQUIPMENT AND THE RAILROAD CANTILEVER TO PREVENT DISSIMILAR METAL CORROSION

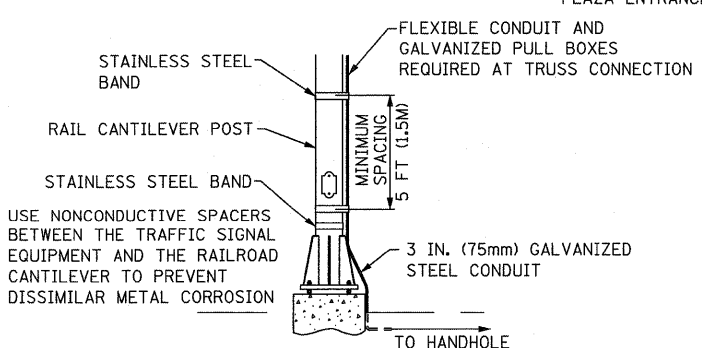
RESTORATION OF WORK AREA, RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

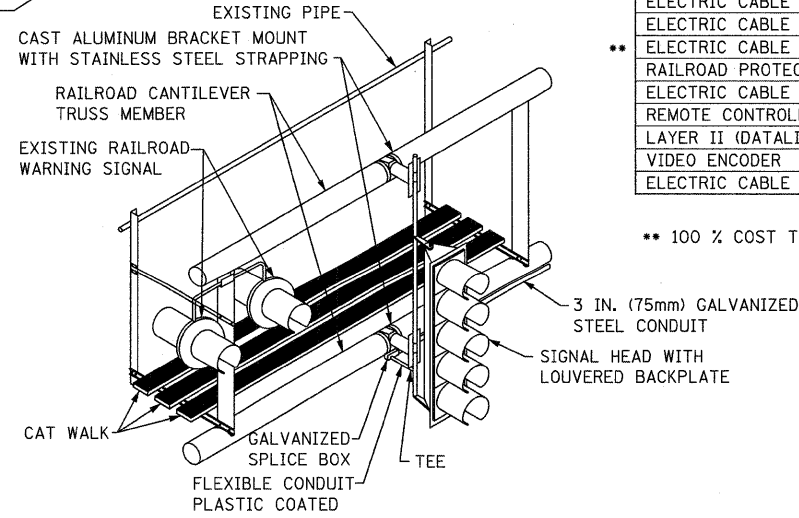
THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET



CABLE PLAN NOT TO SCALE



SIGNAL CONDUIT CONNECTION TO RAIL CANTILEVER DETAIL N.T.S.



I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND	WATTAGE LED	% OPERATION	
SIGNAL (RED)	25		17	0.50	212.5
(YELLOW)	25		25	0.25	156.25
(GREEN)	25		15	0.25	93.75
ARROW	12		12	0.10	14.4
PED. SIGNAL	6		25	1.00	150
CONTROLLER	1		100	1.00	100
ILLUM. SIGN	2		25	0.05	2.5
FLASHER				0.50	
TOTAL =					729.4

ENERGY COST TO: Illinois Department of Transportation  
Division of Highways / District 1  
201 W Center Court / Schaumburg, Illinois 60196-1096

ENERGY SUPPLY: CONTACT: MR. VARUGHESE SAMUEL  
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COMPANY: ComEd