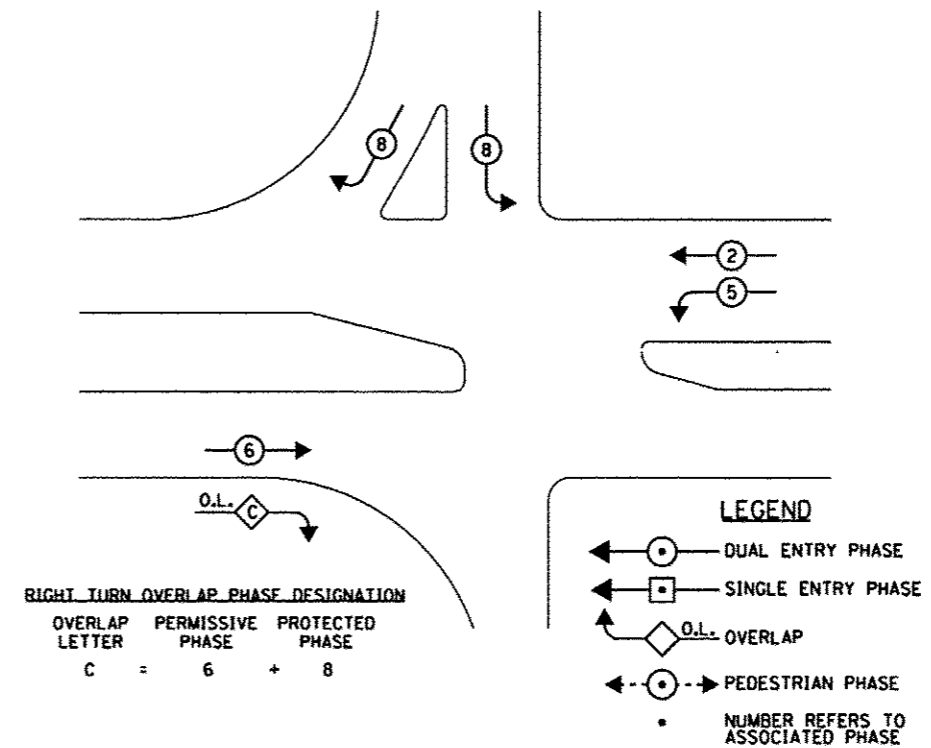


SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
7.5	SO FT	SIGN PANEL - TYPE 1
1	EACH	SERVICE INSTALLATION - POLE MOUNTED
951	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
188	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.
102	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.
330	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.
6	EACH	HANDHOLE
2	EACH	HEAVY-DUTY HANDHOLE
1	EACH	DOUBLE HANDHOLE
1	EACH	TRANSCEIVER-FIBER OPTIC
700	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
2560	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
932	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
4266	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
58	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C
938	FOOT	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C
3	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.
2	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE 28 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE 38 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE 44 FT.
24	FOOT	CONCRETE FOUNDATION, TYPE A
4	FOOT	CONCRETE FOUNDATION, TYPE C
10	FOOT	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER
24	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
6	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
3	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED
2	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
2	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
1	EACH	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
8	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
11	EACH	INDUCTIVE LOOP DETECTOR
533	FOOT	DETECTOR LOOP, TYPE I
121	FOOT	PREFORMED DETECTOR LOOP
3	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
9	EACH	REMOVE EXISTING HANDHOLE
1	EACH	REMOVE EXISTING DOUBLE HANDHOLE
7	EACH	REMOVE EXISTING CONCRETE FOUNDATION
700	FOOT	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
1	EACH	UNINTERRUPTABLE POWER SUPPLY, SPECIAL
1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING

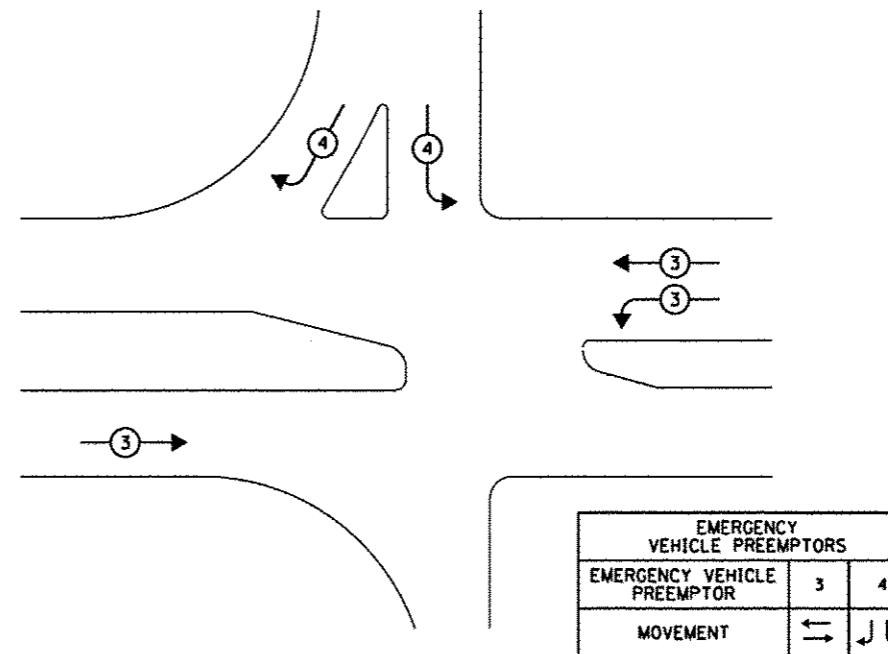
• 100% COST TO CITY OF JOLIET

CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

(NOT TO SCALE)



EMERGENCY VEHICLE PREEMPTION SEQUENCE

(NOT TO SCALE)

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



USER NAME = USER	DESIGNED - MG	REVISED -
FILE NAME = D:\68W13-shrt-ca10.dgn	DRAWN - VP/MG	REVISED -
PLOT SCALE = 20.0000 / 1 in.	CHECKED - IY/KP	REVISED -
PLOT DATE = 12/17/2013	DATE - 12/17/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PHASE DESIGNATION DIAGRAM,
EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATIONS,
SCHEDULE OF QUANTITIES, US ROUTE 30 AT I-55 RAMPS C AND D

SCALE: NTS SHEET 16 OF 33 SHEETS STA. TO STA.

F.A.P. RTE. 575	SECTION 14-N	COUNTY WILL	TOTAL SHEETS 163	SHEET NO. 76
			CONTRACT NO. 60W13	
ILLINOIS FED. AID PROJECT				