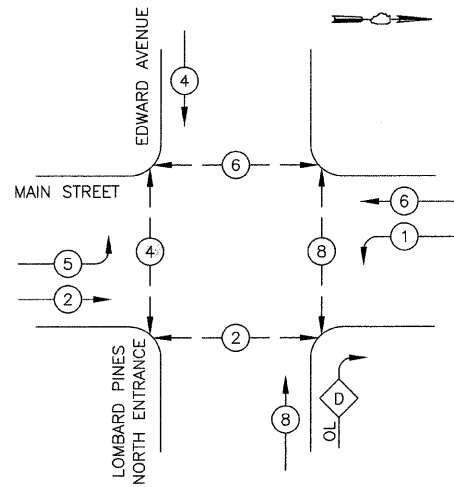
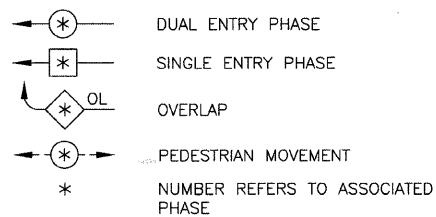


CONTROLLER SEQUENCE



LEGEND

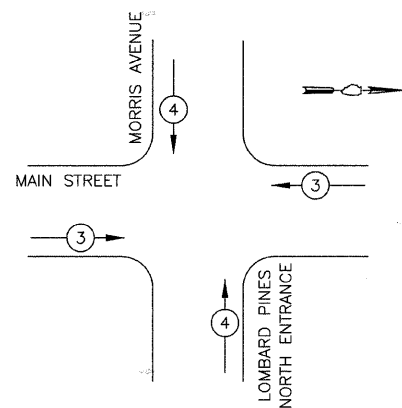


PHASE DESIGNATION DIAGRAM

RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP	PERMISSIVE	PROTECTED
LETTER	PHASE	PHASE
D	= 8	+ 1

EMERGENCY VEHICLE PREEMPTION SEQUENCE



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

SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	QNTY.
SIGN PANEL - TYPE 1	SQ FT	27
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	105
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	30
CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	16
CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	7
CONDUIT IN TRENCH, 5" DIA., GALVANIZED STEEL	FOOT	10
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	179
CONDUIT PUSHED, 5" DIA., GALVANIZED STEEL	FOOT	64
HANDHOLE	EACH	2
DOUBLE HANDHOLE	EACH	2
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	163
FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	1
MASTER CONTROLLER (SPECIAL)	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 2C	FOOT	1006
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 3C	FOOT	1333
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C	FOOT	1132
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C	FOOT	992
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	39
TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	8
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	30
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	30
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	5
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	3
SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	3
TRAFFIC SIGNAL BACKPLATE, LOUVERED, PLASTIC	EACH	8
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	8
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	4
REMOVE EXISTING CONCRETE FOUNDATION	EACH	9
RADIO TRANSCIVER	EACH	1
COAXIAL CABLE IN CONDUIT	FOOT	130
RADIO ANTENNA	EACH	2
TELEPHONE SERVICE INSTALLATION	EACH	1
SERVICE INSTALLATION, POLE MOUNT	EACH	1
UNINTERRUPTIBLE POWER SUPPLY	EACH	1
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	409
ELECTRIC CABLE IN CONDUIT, NO. 20 3C, TWISTED, SHIELDED	FOOT	280
VIDEO TRANSMISSION SYSTEM	EACH	1
VIDEO DETECTION SYSTEM COMPLETE INTERSECTION	EACH	1
ELECTRIC CABLE IN CONDUIT, NO. 18 3C	FOOT	653
MANUAL TRAFFIC SIGNAL CONTROL PUSH-BUTTON SWITCH	EACH	1
OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" BRAND.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES AND PHASE DESIGNATION DIAGRAM

MAIN STREET & EDWARD AVENUE

DATE: 11/26/07
DESIGNED BY: BRD
CHECKED BY: JJE

SCALE: NOT TO SCALE