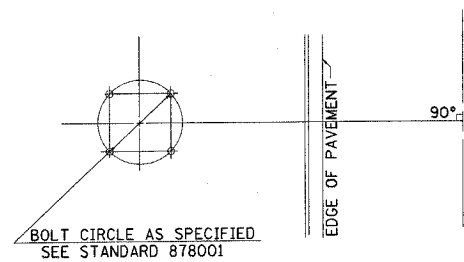
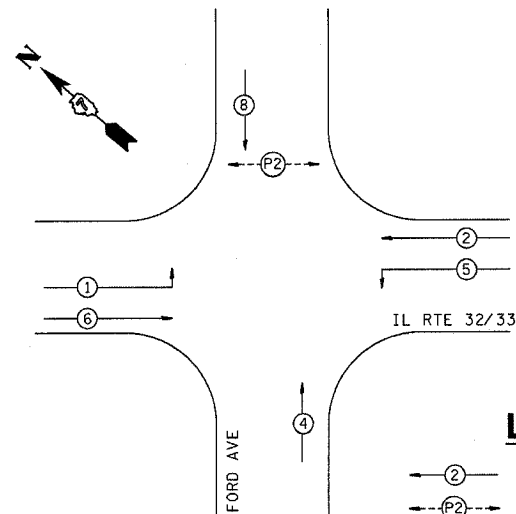


F.A.P. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	(1072) TSL-4	EFFINGHAM	13	7
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 74133



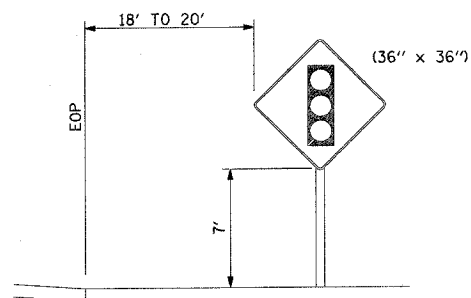
DETAIL OF MAST ARM FOUNDATION BOLT PATTERN



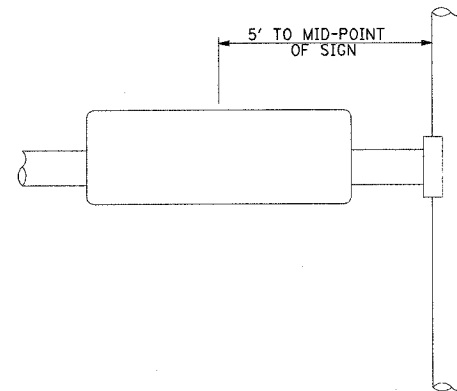
LEGEND

- ② VEHICULAR PHASE NO. X
- ⊖P2 PEDESTRIAN PHASE NO. X

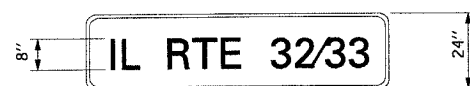
PHASE DESIGNATION DIAGRAM



STOP LIGHT AHEAD SIGN TYPE W3-3
(1 REQUIRED)



MOUNTING LOCATION



S-1
(2 REQUIRED)



S-2
(2 REQUIRED)

STREET NAME SIGNS

NOTES:

1. ALL SIGNS SHALL HAVE A WHITE REFLECTORIZED LEGEND AND BORDER ON A GREEN REFLECTORIZED BACKGROUND.
2. LETTER SIZE 80.

BILL OF MATERIALS-TRAFFIC SIGNALS

ITEM	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SQ FT	9
SIGN PANEL - TYPE 2	SQ FT	62
WOOD SIGN SUPPORT	FOOT	18
SERVICE INSTALLATION, TYPE A	EACH	1
WOOD POLE, 35 FT., CLASS 4	EACH	1
CONDUIT IN TRENCH, 2 1/2" DIA., PVC	FOOT	907
CONDUIT IN TRENCH, 6" DIA., PVC	FOOT	8
CONDUIT, AUGERED 2 1/2" DIA., PVC	FOOT	435
CONDUIT, AUGERED 4" DIA., PVC	FOOT	270
CONDUIT, AUGERED 6" DIA., PVC	FOOT	96
HANDHOLE	EACH	7
DOUBLE HANDHOLE	EACH	1
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	909
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
TRANSCIVER - FIBER OPTIC	EACH	2
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, 6F	FOOT	1419
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	267
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1889
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	797
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	54
TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH	1
TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	2
TRAFFIC SIGNAL POST, ALUMINUM 18 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	12
CONCRETE FOUNDATION, TYPE C	FOOT	3
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	52
DRILL EXISTING HANDHOLE	EACH	1
TRAFFIC SIGNAL BACKPLATE, FORMED PLASTIC	EACH	18
LIGHT DETECTOR	EACH	4
LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	2
VIDEO VEHICLE DETECTION SYSTEM	EACH	1
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	627
ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	1175
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3 SECTION, MAST ARM MOUNTED	EACH	8
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5 SECTION, MAST ARM MOUNTED	EACH	2
SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	2
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED	EACH	2

REVISIONS	
NAME	DATE
DRM	6-06

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SIGNAL PLANS
BILL OF MATERIALS
& DETAILS

DATE 8/02

DRAWN BY MLO
CHECKED BY BWD