

TRAFFIC SIGNAL LEGEND

- CONTROLLER AND CABINET
- DOUBLE HANDHOLE
- HANDHOLE
- SERVICE INSTALLATION
- SIGNAL HEAD WITH BACKPLATE
- SIGNAL POST
- MAST ARM ASSEMBLY AND POLE, STEEL
- COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE, SODIUM VAPOR, 400 WATT
- CONDUIT: "T" TRENCH, "P" PUSHED
- DETECTOR LOOP
- LIGHT DETECTOR
- CONFIRMATION BEACON

SCHEDULE OF POLE/MAST ARM ASSEMBLIES

LOCATION	LENGTH	TYPE
A	62.0'	S. COMB. MAA. & POLE
B	16.0'	SIGNAL POST
C	16.0'	SIGNAL POST
D	68.0'	S. COMB. MAA. & POLE
E	52.0'	S. COMB. MAA. & POLE
F	16.0'	SIGNAL POST

SCHEDULE OF SIGNAL HEAD QUANTITIES

LOCATION	ITEM	UNIT	QUANTITY
1, 2, 8, 9, 11, 12, 13	SH, 1F, 3S, MAM	EACH	7
3, 7, 16	SH, 1F, 5S, MAM	EACH	3
4, 10, 14	SH, 1F, 3S, BM	EACH	3
5, 6, 15	SH, 1F, 5S, BM	EACH	3

MAST ARM AND POST LOCATIONS		
LETTER	STATION	OFFSET
A	6060+78	71.7' LT
B	6060+95	72.5' LT
C	6062+15	70.2' LT
D	6062+31	65.8' RT
E	6061+01	65.3' RT
F	6060+91	60.6' RT

NOTE: LOCATIONS OF TRAFFIC SIGNAL POSTS AND MAST ARM ASSEMBLIES MAY BE CHANGED IN THE FIELD AS NECESSARY TO AVOID UTILITIES. THE NEW LOCATIONS SHALL BE COORDINATED WITH THE ENGINEER AND APPROVED BY THE DISTRICT TRAFFIC SIGNAL SECTION TO ENSURE THE NEW LOCATIONS MEET OPERATIONAL OFFSET/CLEAR ZONE REQUIREMENTS AND MAINTAIN PROPER POSITION OF SIGNAL HEADS IN RELATION TO THE TRAVELED LANES.

THE TRAFFIC SIGNAL EQUIPMENT FOR THIS CONTRACT SHALL BE EAGLE BRAND. THE CONTROLLERS FURNISHED SHALL BE THE MOST CURRENT EAGLE BRAND.

THE EMERGENCY VEHICLE PRE-EMPTION EQUIPMENT SHALL BE COMPLETELY COMPATIBLE WITH ALL COMPONENTS OF THE EQUIPMENT CURRENTLY USED BY THE CITY OF MORRIS. THE CITY CURRENTLY USES TOMAR EQUIPMENT.

REDUCE THE NUMBER OF LEAD-IN CABLES TO REDUCE CUTS IN THE CONCRETE PAVEMENT. PLACE ACCORDING TO PLAN OR AS DIRECTED BY THE ENGINEER. RED TIME FOR LEFT TURNS ON NORTHBOUND IL 47 SHALL GET THE REQUIRED MUTCD RED TIME + ONE SECOND TO ACCOMMODATE U-TURNS.

NOTIFY THE TRAFFIC SIGNAL SECTION AT (815) 434-8506 72 HOURS IN ADVANCE TO REDESIGN THE DETECTOR LOOPS, IF POSSIBLE, TO AVOID CONSTRUCTION JOINTS.

