

STRUCTURES TO BE SAFETY BONDED			
DOUBLE HANDHOLE	HANDHOLE	MAST ARM	SERVICE RISER
1	4	4	1

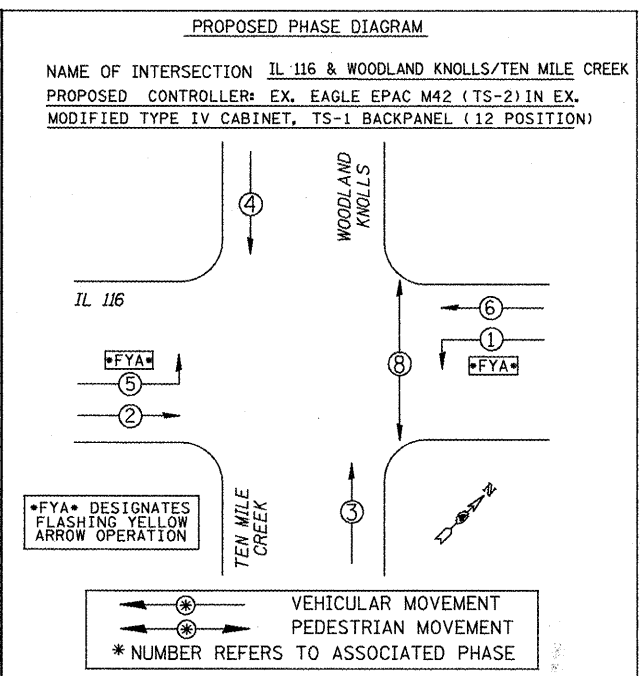
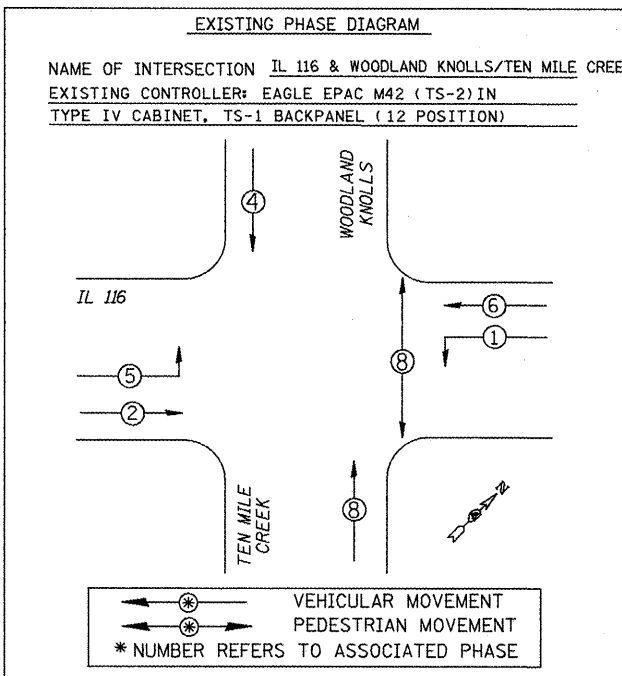
NOTE: ONLY HANDHOLES WITH LINE VOLTAGE CONDUCTORS SHALL BE GROUNDED. DETECTOR LOOP AND TRAFFIC SIGNAL INTERCONNECT HANDHOLES WILL TYPICALLY NOT REQUIRE GROUNDING.

**TRAFFIC SIGNAL LEGEND**

- EX. DETECTOR LOOP (6'X6')
- EX. DETECTOR LOOP (6'X50' QUAD)
- EX. CONTROLLER CABINET
- EX. HANDHOLE
- EX. CONDUIT
- EX. ELECTRICAL SERVICE
- EX. TRAFFIC SIGNAL HEAD
- PROP. SIGNAL HEAD (REBUILT)
- EX. STRUCTURE TO BE SAFETY BONDED
- PROP. PEDESTRIAN PUSHBUTTON

**SCHEDULE OF QUANTITIES**  
IL 116 & WOODLAND KNOLLS/TEN MILE CREEK RD.

DESCRIPTION	UNIT	QUANTITY
DETECTOR LOOP, TYPE I	FOOT	1186.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	458.5
REBUILD EXISTING SIGNAL HEAD, LED	EACH	4.0
LED SIGNAL FACE RETROFIT, RED BALL	EACH	6.0
LED SIGNAL FACE RETROFIT, GREEN BALL	EACH	5.0
LED SIGNAL FACE RETROFIT, GREEN ARROW	EACH	6.0
ELECTRIC CABLE IN CONDUIT, 1/C, NO. 6 GROUNDING	FOOT	460.5
BOND TRAFFIC SIGNAL STRUCTURE	EACH	10.0
MODIFY EXISTING CONTROLLER CABINET	EACH	1.0
ADJUST EXISTING DETECTOR LOOP RISER	EACH	6.0



**DETECTOR LOOP AND DETECTOR ASSIGNMENT SCHEDULE - IL 116 & WOODLAND KNOLLS/TEN MILE CREEK RD.**

DETECTOR LOOP	TYPE	DETECTOR LOOP QTY.	DETECTOR LEAD-IN QTY.	ASSIGNED PHASE	ADJUST LOOP RISER	COMMENTS
D-1	6' X 50' QUAD	162	6	1	1	IL 116 WESTBOUND LEFT TURN LANE (ONTO TEN MILE CREEK RD.)
D-2A	6' X 6'	24	15	2	1	IL 116 EASTBOUND (LEFT LANE)
D-2B	6' X 6'	24	8	2		IL 116 EASTBOUND (RIGHT LANE)
D-3A	6' X 50' QUAD	162	20	3	1	TEN MILE CREEK RD. NORTHBOUND (LEFT TURN/THRU LANE)/EX. D-8A
D-3B	6' X 50' QUAD	162	10	3		TEN MILE CREEK RD. NORTHBOUND (RIGHT TURN LANE)/EX. D-8B
D-4A	6' X 50' QUAD	162	20	4	1	WOODLAND KNOLLS SOUTHBOUND (LEFT TURN/THRU LANE)
D-4B	6' X 50' QUAD	162	10	4		WOODLAND KNOLLS SOUTHBOUND (RIGHT TURN LANE)
D-5	6' X 50' QUAD	162	6	5	1	IL 116 EASTBOUND LEFT TURN LANE (ONTO WOODLAND KNOLLS)
D-6A	6' X 6'	24	15	6	1	IL 116 WESTBOUND (LEFT LANE)
D-6B	6' X 6'	24	8	6		IL 116 WESTBOUND (RIGHT LANE)
<b>TOTAL:</b>		<b>1068</b>	<b>118</b>		<b>6</b>	

#1,#7 (MAM)		#6,#11 (BM)		#4,#10 (MAM)		#2,#3,#8,#9,#12 (MAM)		#5 (MAM)	
EX.	PROP.	EX.	PROP.	EX.	PROP.	EX.	PROP.	EX.	PROP.
(7)	(7)	(7)	(7)	(5)	(5)	(5)	(5)	(5)	(5)
R	R	R	R	R	R	R	R	R	R
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
G	G	G	G	G	G	G	G	G	G
Y/G	Y/G	Y/G	Y/G	Y/G	Y/G	Y/G	Y/G	Y/G	Y/G

INSTALL NEW 5/C CABLE FOR MAM HEADS #2&#3 (JUMPER) AND #8&#9 (JUMPER) RETROFIT NEW LED MODULES

TRAFFIC SIGNALS SHEET 6 OF 15