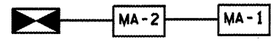
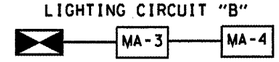
DETECTOR LOOP AND DETECTOR ASSIGNMENT SCHEDULE IL 9 (LOCUST) & IL 78 (MAIN)					
DETECTOR LOOP	TYPE	DETECTOR LOOP QTY.	DETECTOR LEAD-IN QTY.	ASSIGNED PHASE	CHANNELS REQUIRED
D-1	6' X 50' QUAD	162	30	1	1
D-2A	6' X 6'	24	8	2	1
D-2B	6' X 15'	42	10	2	1
D-3	6' X 50' QUAD	162	30	3	1
D-4A	6' X 50' QUAD	162	30	4	1
D-4B	6' X 15'	42	18	4	1
D-5	6' X 50' QUAD	162	30	5	1
D-6A	6' X 6'	24	8	6	1
D-6B	6' X 6'	24	18	6	1
D-6C	6' X 15'	42	15	6	1
D-7	6' X 50' QUAD	162	50	7	1
D-8A	6' X 50' QUAD	162	22	8	1
D-8B	6' X 50' QUAD	162	12	8	1
TOTAL:		1332	281		13

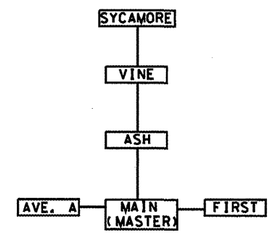
LIGHTING CIRCUIT "A"



LIGHTING CIRCUIT "B"



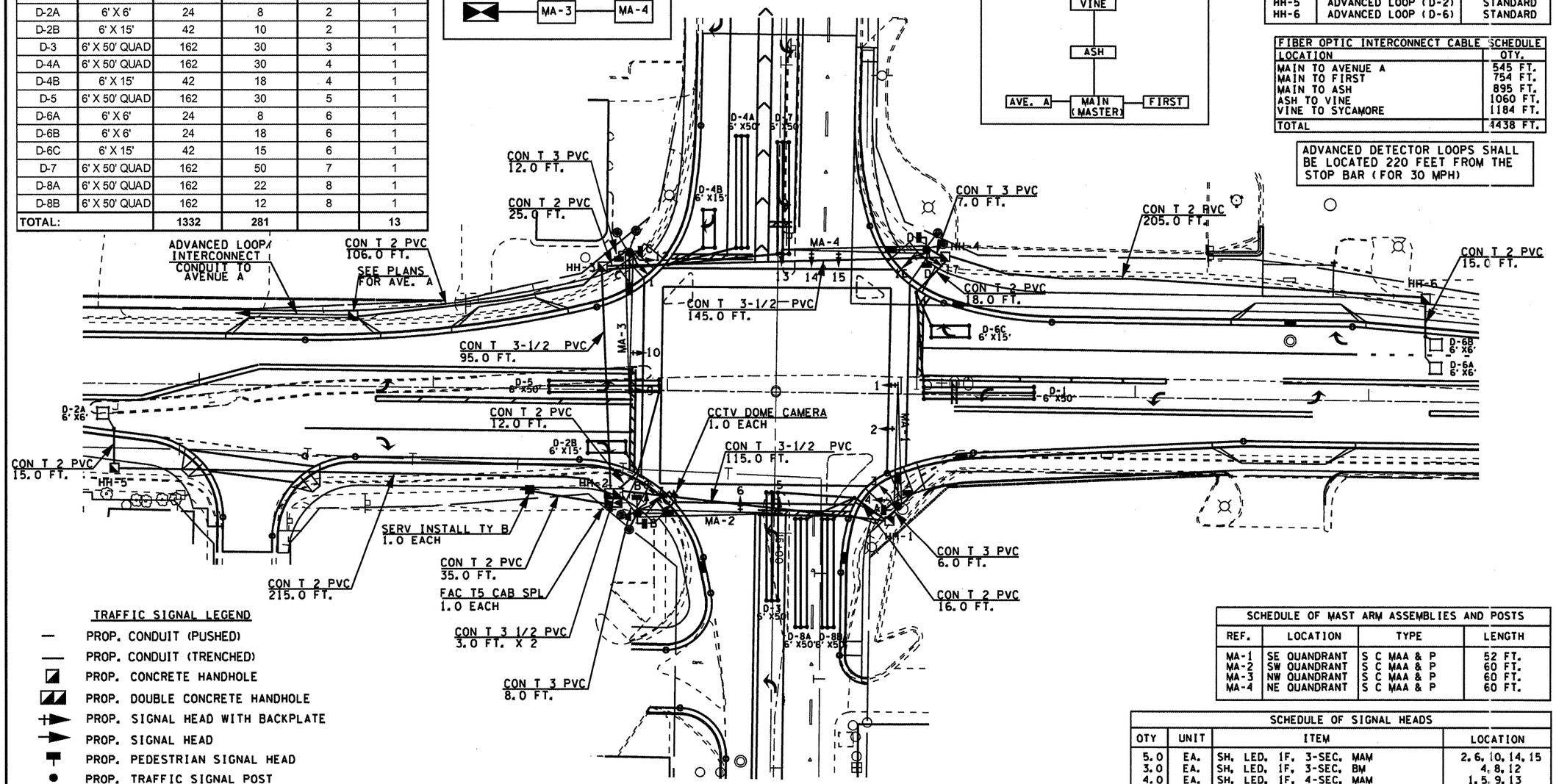
FIBER OPTIC INTERCONNECT DIAGRAM



SCHEDULE OF HANDHOLE QUANTITIES		
REF.	LOCATION	TYPE
HH-1	SE QUADRANT	STANDARD
HH-2	SW QUADRANT	DOUBLE
HH-3	NW QUADRANT	STANDARD
HH-4	NE QUADRANT	STANDARD
HH-5	ADVANCED LOOP (D-2)	STANDARD
HH-6	ADVANCED LOOP (D-6)	STANDARD

FIBER OPTIC INTERCONNECT CABLE SCHEDULE	
LOCATION	QTY.
MAIN TO AVENUE A	545 FT.
MAIN TO FIRST	754 FT.
MAIN TO ASH	895 FT.
ASH TO VINE	1060 FT.
VINE TO SYCAMORE	1184 FT.
TOTAL	4438 FT.

ADVANCED DETECTOR LOOPS SHALL BE LOCATED 220 FEET FROM THE STOP BAR (FOR 30 MPH)



TRAFFIC SIGNAL LEGEND

- PROP. CONDUIT (PUSHED)
- PROP. CONDUIT (TRENCHED)
- PROP. CONCRETE HANDHOLE
- PROP. DOUBLE CONCRETE HANDHOLE
- PROP. SIGNAL HEAD WITH BACKPLATE
- PROP. SIGNAL HEAD
- PROP. PEDESTRIAN SIGNAL HEAD
- PROP. TRAFFIC SIGNAL POST
- PROP. SERVICE INSTALLATION
- PROP. STL COMB. MAST ARM ASSEMBLY AND POLE
- PROP. LUMINAIRE, HORIZONTAL MOUNT, PC, 400W
- PROP. TRAFFIC SIGNAL CONTROLLER
- PROP. PEDESTRIAN PUSHBUTTON

SCHEDULE OF MAST ARM ASSEMBLIES AND POSTS			
REF.	LOCATION	TYPE	LENGTH
MA-1	SE QUADRANT	S C MAA & P	52 FT.
MA-2	SW QUADRANT	S C MAA & P	60 FT.
MA-3	NW QUADRANT	S C MAA & P	60 FT.
MA-4	NE QUADRANT	S C MAA & P	60 FT.

SCHEDULE OF SIGNAL HEADS			
QTY	UNIT	ITEM	LOCATION
5.0	EA.	SH, LED, 1F, 3-SEC, MAM	2, 6, 10, 14, 15
3.0	EA.	SH, LED, 1F, 3-SEC, BM	4, 8, 12
4.0	EA.	SH, LED, 1F, 4-SEC, MAM	1, 5, 9, 13
5.0	EA.	SH, LED, 1F, 4-SEC, BM	3, 7, 11, 16, 17
4.0	EA.	PED SH, LED, 2F, BM	A, B, C, D
9.0	EA.	TRAFFIC SIGNAL BACKPLATE LOUVERED	1, 2, 5, 6, 9, 10, 13, 14, 15

NOT TO SCALE
TRAFFIC SIGNALS
SHEET 11 OF 23

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 9 (LOCUST ST.) & IL 78 (MAIN ST.)
PROPOSED TRAFFIC SIGNALS

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685 (IL 9)	(41Z,135)R,N(ICS)1	FULTON	125	71
22 (IL 78)		CONTRACT NO. 68877		

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT