DETECTOR LOOP AND DETECTOR ASSIGNMENT SCHEDULE IL 9 (LOCUST) & FIRST					
DETECTOR LOOP	TYPE	DETECTOR LOOP QTY.	DETECTOR LEAD-IN QTY.	ASSIGNED PHASE	CHANNELS REQUIRED
D-1	6' X 50' QUAD	162	18	1	1
D-2	6' X 6'	24	8	2	1
D-3	6' X 50' QUAD	162	30	3	1
D-4	6' X 50' QUAD	162	12	4	1
D-5	6' X 50' QUAD	162	30	5	1
D-6	6' X 6'	24	8	6	1
D-7	6' X 50' QUAD	162	22	7	1
D-8A	6' X 50' QUAD	162	22	8	1
D-8B	6' X 15'	42	12	8	1
TOTAL:		1062	162		9

LIGHTING CIRCUIT "A"

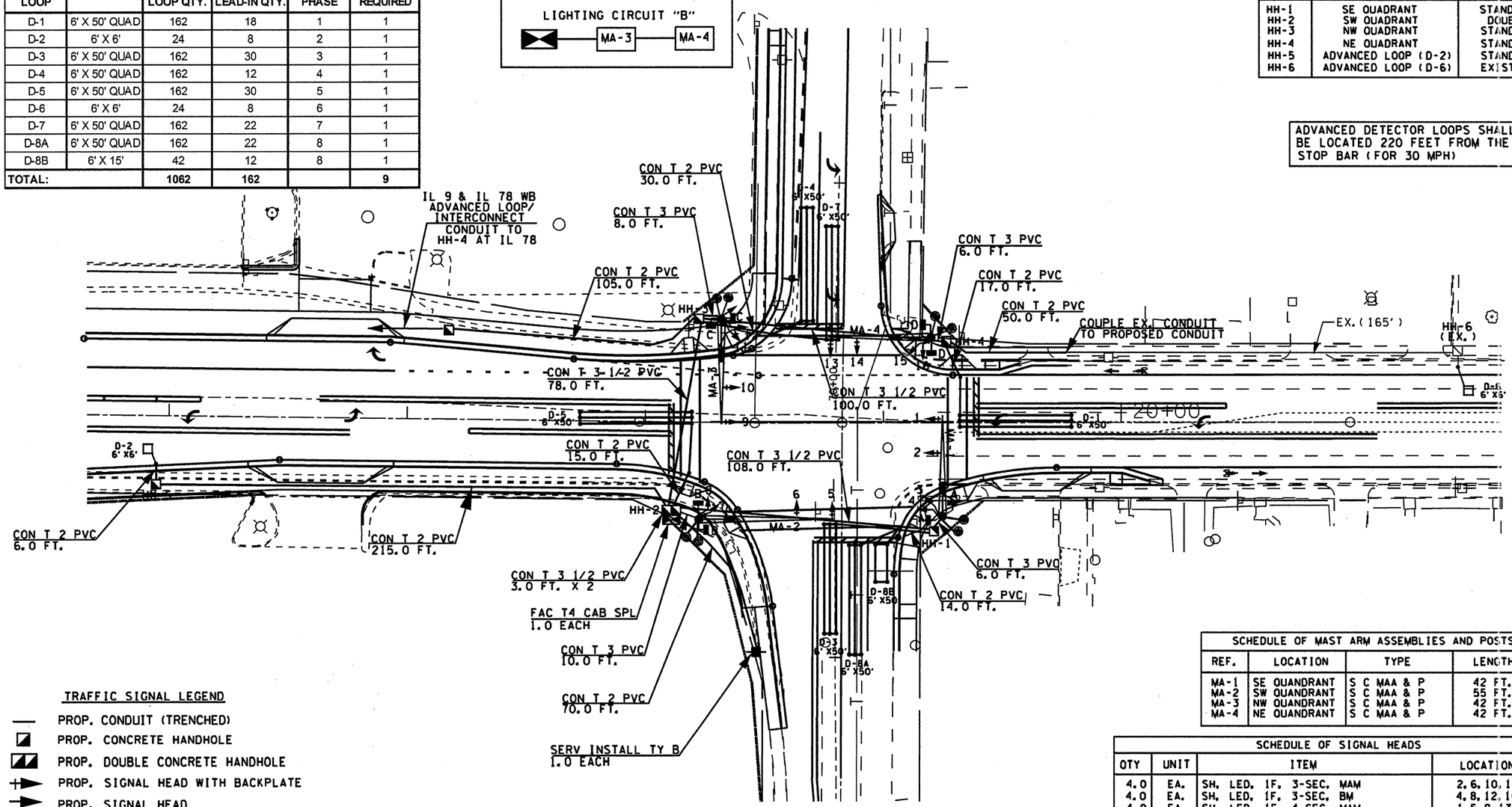
MA-2 — MA-1

LIGHTING CIRCUIT "B"

MA-3 — MA-4

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)	EXISTING

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



SCHEDULE OF MAST ARM ASSEMBLIES AND POSTS			
REF.	LOCATION	TYPE	LENGTH
MA-1	SE QUADRANT	S C MAA & P	42 FT.
MA-2	SW QUADRANT	S C MAA & P	55 FT.
MA-3	NW QUADRANT	S C MAA & P	42 FT.
MA-4	NE QUADRANT	S C MAA & P	42 FT.

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

TRAFFIC SIGNAL LEGEND

- PROP. CONDUIT (TRENCHED)
- PROP. CONCRETE HANDHOLE
- PROP. DOUBLE CONCRETE HANDHOLE
- PROP. SIGNAL HEAD WITH BACKPLATE
- PROP. SIGNAL HEAD
- PROP. PEDESTRIAN SIGNAL HEAD
- PROP. SERVICE INSTALLATION
- PROP. STL COMB. MAST ARM ASSEMBLY AND POLE
- PROP. LUMINAIRE, HORIZONTAL MOUNT, PC, 250W
- PROP. TRAFFIC SIGNAL CONTROLLER
- PROP. PEDESTRIAN PUSHBUTTON

THE CONTRACTOR SHALL INSTALL LIGHTING FACILITIES AT THE LOCATIONS INDICATED ON THE PLANS, MAINTAINING ADEQUATE CLEARANCE FROM OVERHEAD UTILITY LINES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING CLEARANCES ARE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND THE REQUIREMENTS OF THE UTILITY COMPANIES.

NOT TO SCALE
TRAFFIC SIGNALS
SHEET 18 OF 23

FILE NAME = $FILE$	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.) & FIRST AVE.
PROPOSED TRAFFIC SIGNALS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685 (IL 9)	(41,2,135)R,W,(ICS)1	FULTON	125	78
22 (IL 78)		CONTRACT NO. 68877		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		