

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	Lasalle/Bureau	18	16

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

- FAU 6088 (US RTE 6)
- • 17 N

DETECTOR LOOP INDUCTANCE CHART

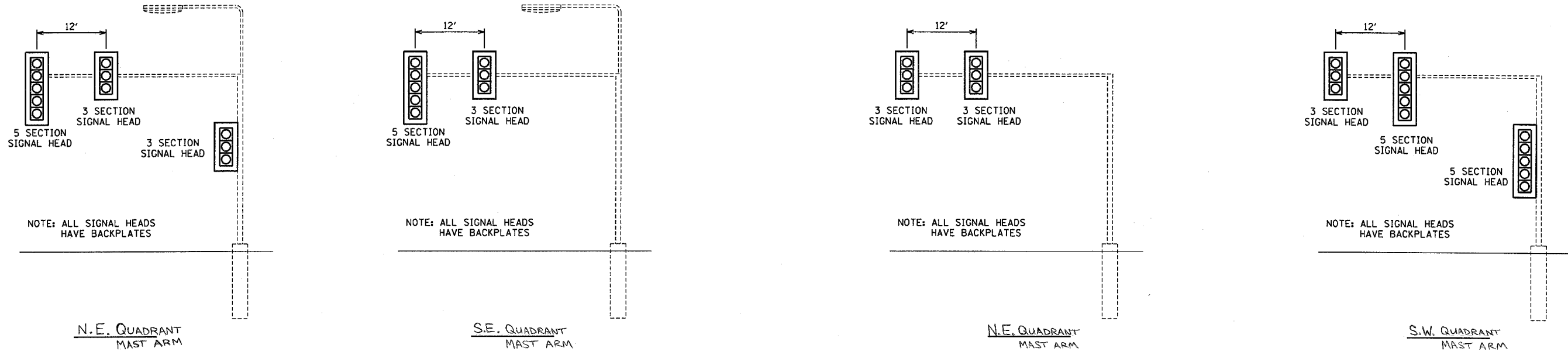
DETECTOR LOOP SYSTEM	Ø	LOCATION	TURNS PER LOOP	INDUCTANCE READING (MICROHENRIES)	FREQUENCY (HERTZ)	J PIN STATUS
A	4	SBRT BK	5	350	32,623	ON
B	4	SBRT FR	5	531	26,486	ON
C	4	SB	4	803	21,538	ON
D	6	WB FAR	6	397	30,631	ON
E	6	WB STBR	4	308	34,777	OFF
F	1	WBLT	4	833	21,147	ON
G	8	NB	4	845	20,996	ON
H	2	EB FAR	6	406	30,290	ON
I	2	EB STBR	4	310	34,664	OFF
J	5	EBLT BK	4	476	27,974	ON
K	5	EBLT FR	4	467	28,243	ON

J PIN STATUS: "ON" MEANS STANDARD DETECTOR SETUP. "OFF" MEANS J WIRE HAS BEEN DISCONNECTED, BUT INTACT, AT THE HARNESS PANEL WITH THE NECESSARY SPADE CONNECTION ATTACHED, MARKED, AND INSULATED.

ELECTRICAL LOAD FOR INTERSECTION

STREET NAME	COMPONENT	NUMBER	WATTAGE EACH	BURNTIME %
US RTE 6	RED	7	10	53
	YELLOW	7	19	5
	GREEN	7	14	42
	YELLOW ARROW LT.	4	3,4	5
	GREEN ARROW LT.	4	3,4	17
DALZELL ROAD / ST. BEDE LANE	RED	5	10	69
	YELLOW	5	19	5
	GREEN	5	14	26
	YELLOW ARROW RT.	2	3,4	5
	GREEN ARROW RT.	2	3,4	68
TRAFFIC SIGNAL CABINET	CONTROLLER	1	6	100
	VEHICLE DETECTORS	11	4	100
	UPS	1	50	100
LIGHTING	LUMINAIRE	2	250	50

AGENCY RESPONSIBLE FOR TRAFFIC SIGNAL ENERGY CHARGES: ILLINOIS DEPARTMENT OF TRANSPORTATION



US RTE 6 / DALZELL ROAD/ST. BEDE LANE

12/13/2005 c:\projects\ep01205\consult\tsdet.dgn

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TRAFFIC SIGNAL DETAILS
 FAU 6088 (US RTE 6) AND
 DALZELL ROAD
 SECTION 17 N
 LASALLE & BUREAU COUNTY

SCALE: VERT. 1"=20'
 HORIZ. 1"=20'
 DATE 9/05

DRAWN BY ARR
 CHECKED BY MVF