

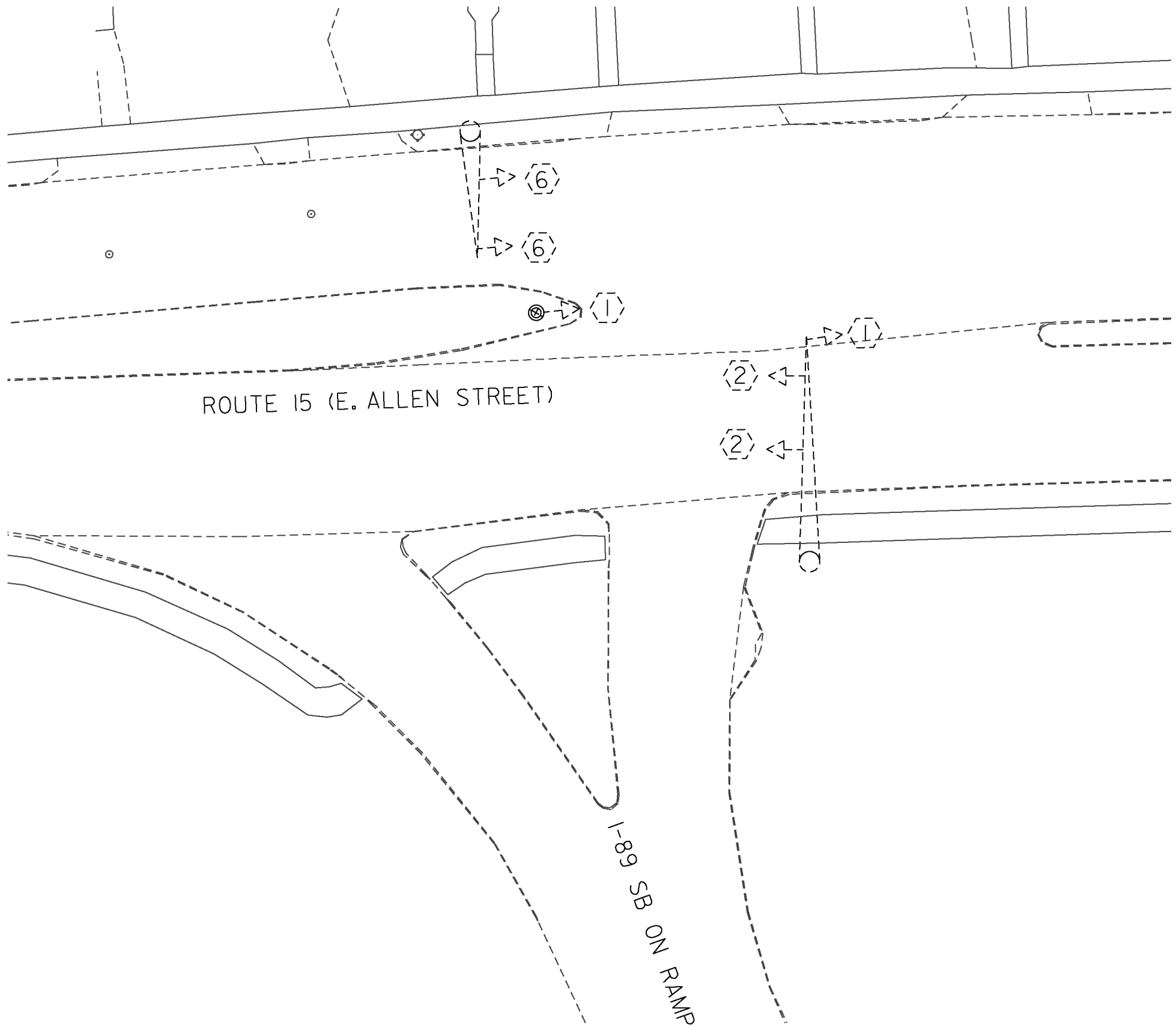
ROUTE 15 (EAST ALLEN STREET)
@ I-89 SB ON RAMP

TABLE OF CHANGE SEQUENCE								FLASHING OPERATION
FACE	Ø2 + Ø6			Ø1 + Ø6				
	R/W	CLEAR TO ALL OTHER PHASES		R/W	CLEAR TO ALL OTHER PHASES			
1	←R	←R	←R	←G	←Y	←R	F←R	
2	G	Y	R	R	R	R	FY	
3								
4								
5								
6	G	G	G	G	G	G	FY	
7								
8								

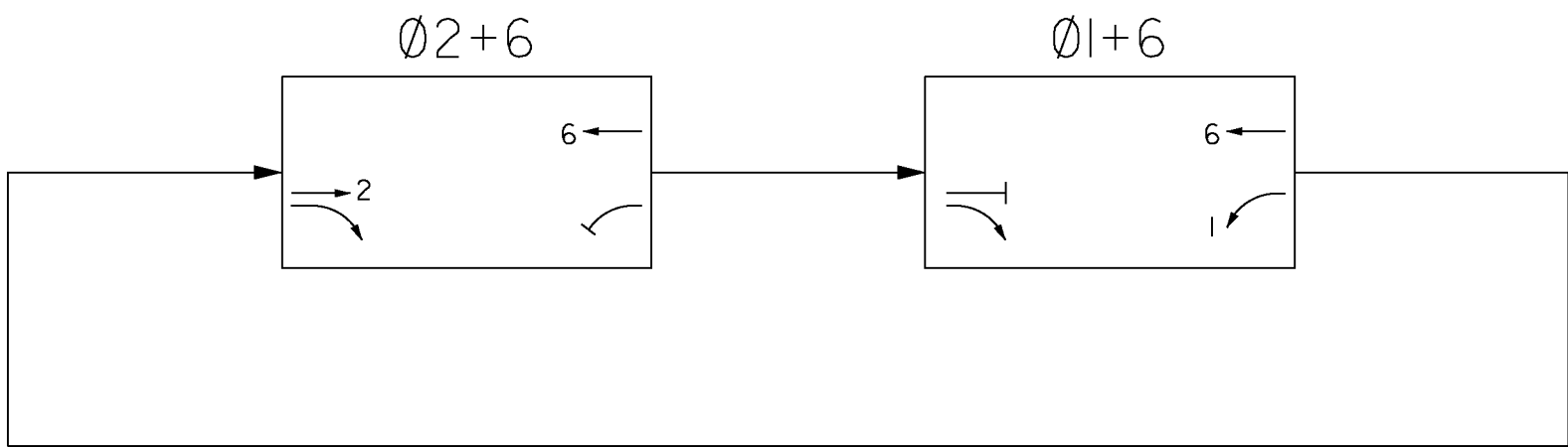
NOTES:

1. OFFSET IS REFERENCED AT THE END OF PHASE 2.
2. SPLITS AND OFFSETS ARE SHOWN IN SECONDS.
3. PROPOSED TELEMETRY SYSTEM WILL BE USED TO COORDINATE SIGNAL WITH THE MASTER CONTROLLER AT THE ROUTE 15/I-89 EXIT 15 OFF-RAMP INTERSECTION.

ROUTE 15 (EAST ALLEN STREET) @ I-89 SB ON RAMP
TRAFFIC SIGNAL LAYOUT



PHASING DIAGRAM
ROUTE 15 (EAST ALLEN STREET)
@ I-89 SB ON RAMP



ROUTE 15 (EAST ALLEN STREET)
@ I-89 SB ON RAMP

CONTROLLER TIMING CHART								
LOCAL PROGRAMING	PHASE							
	1	2	3	4	5	6	7	8
MINIMUM GREEN	28.0	10.0				10.0		
PASSAGE/EXTENSION	3.0	3.0				3.0		
YELLOW CLEARANCE	4.0	4.0				4.0		
ALL RED CLEARANCE	2.0	2.0				2.0		
MAX. 1 GREEN-75 SEC	38	25				69		
MAX. 2 GREEN-60 SEC	20	28				54		
SEC/AT	-	-				-		
TIME BEFORE REDUCE	-	-				-		
TIME TO REDUCE	-	-				-		
WALK	-	-				-		
FLASHING DON'T WALK	-	-				-		
DON'T WALK	-	-				-		
RECALL	LOCK	SOFT				SOFT		

MAJOR EQUIPMENT LIST

SEE TRAFFIC SIGNAL PLANS SHEET 1(SHEET 48)

ROUTE 15 (EAST ALLEN STREET)
@ I-89 SB ON RAMP

COORDINATION TIMING (SECONDS)

DIAL SPLIT	CYCLE LENGTH	PHASES								OFFSETS	
		1	2	3	4	5	6	7	8	SEC	%
1 - 1	75	44	31				75			0	0
2 - 1	60	26	34				60			0	0
1 - 1		WEEKDAYS - 0600 - 1100									
2 - 1		WEEKDAYS - 1100 - 2000									
2 - 1		SAT. & SUN. - 0600 - 2000									

FOR ALL OTHER TIMES, THE INTERSECTION SHALL OPERATE IN FREE MODE.

PROJECT NAME: WINOOSKI
PROJECT NUMBER: NH 089-3(65)

FILE NAME: z94a198+rfbdr.dgn
PROJECT LEADER: KEN UPMAL
DESIGNED BY: J.SOBEL
TRAFFIC SIGNAL PLANS SHEET 3

PLOT DATE: 3/9/2010
DRAWN BY: J.WILTSHIRE
CHECKED BY: D.FLYNN
SHEET 50 OF 67