

DOUBLE INTERSECTION WITH OVERLAPS: (WITH LAG GREEN TIMES)

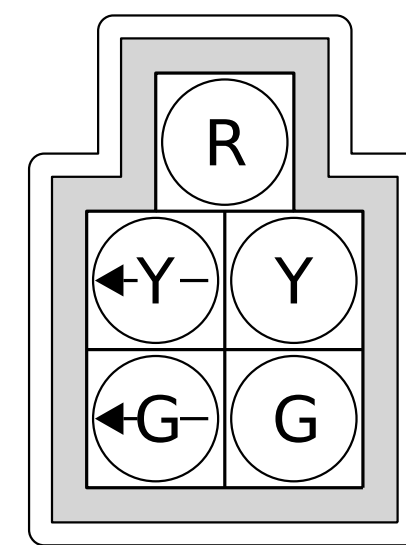
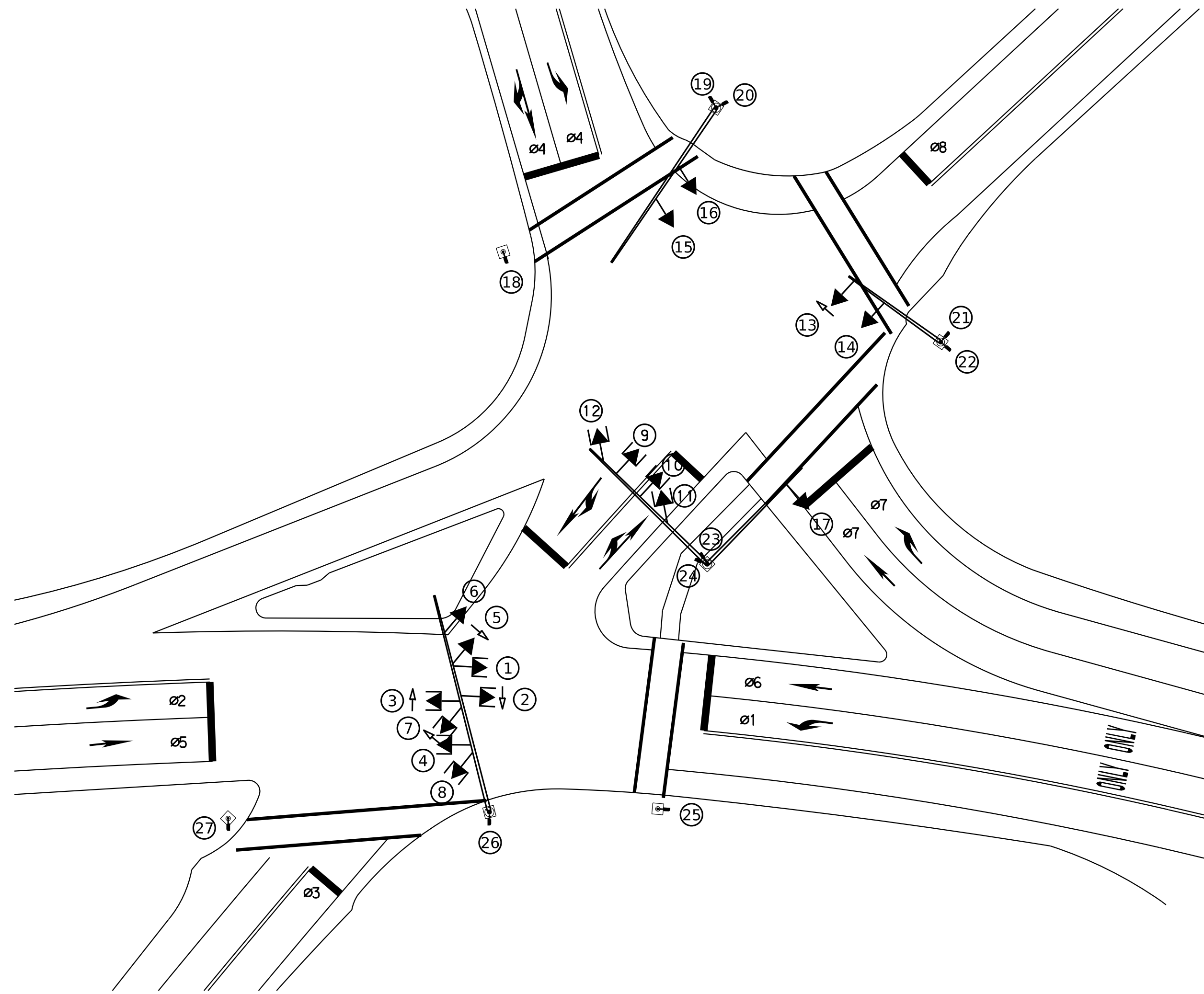
SEVEN PHASE OPERATION (8 VEHICLE PHASES)

LEFT TURN PHASES

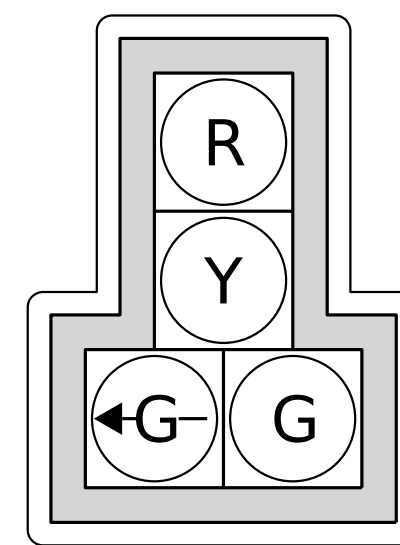
MAINLINE:
(2) PROTECTED/PERMISSIVE: 5-SECTION
SIDE STREET:
(4) PERMISSIVE: 3-SECTION

RIGHT TURN PHASES

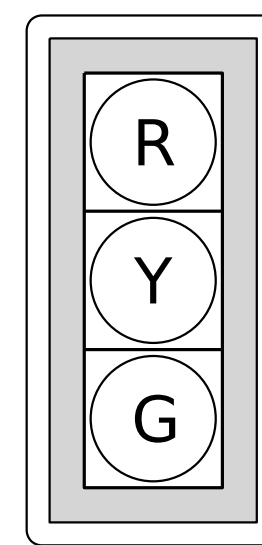
MAINLINE:
(0) NONE
SIDE STREET:
(4) PERMISSIVE: 3-SECTION



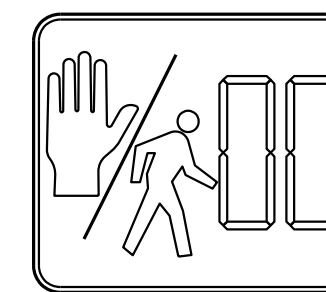
2,3



5,7,13



1-4-6-8
9-10-11
12-14-15
16-17



18-19-20-21
22-23-24-25
26-27

BARRIER

BARRIER

BARRIER

BARRIER

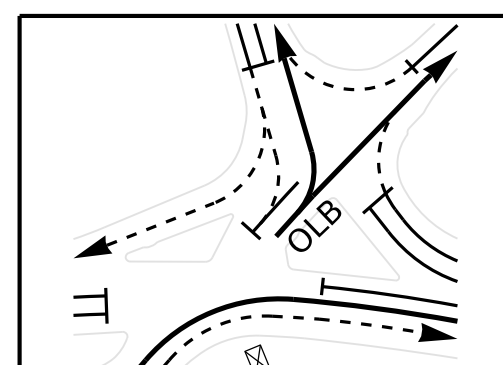
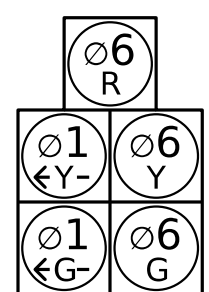
BARRIER

RING A

RING B

PHASE: 1

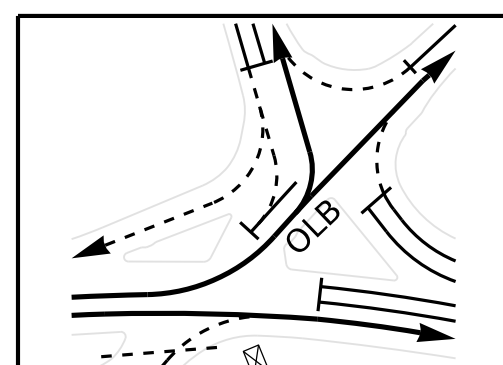
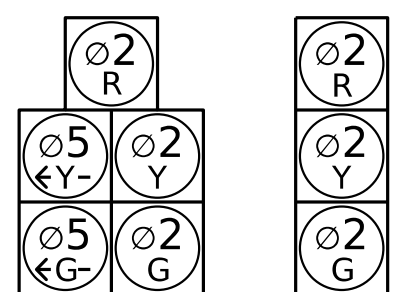
ACTIVE OVERLAP: B



SIGNALS	Ø	LPI	GREEN ACTIVE	YELLOW CHANGE	RED CLEAR
2	Ø1	X	←G-	←Y-	-

PHASE: 2

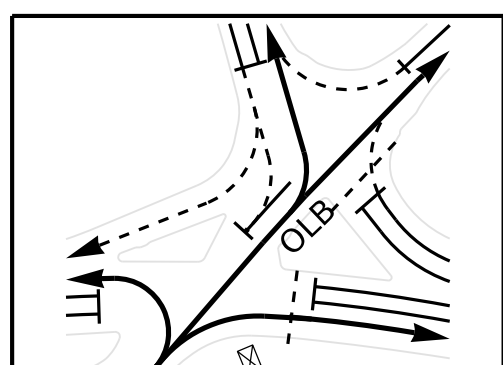
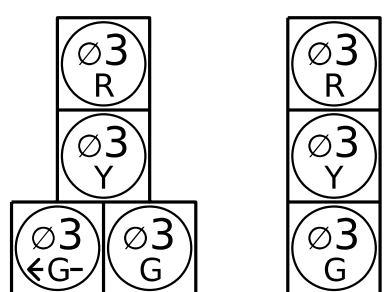
ACTIVE OVERLAP: B



SIGNALS	Ø	LPI	GREEN ACTIVE	YELLOW CHANGE	RED CLEAR
3	Ø2	-	G	Y	R
4	Ø2	-	G	Y	R
26,27	Ø2P	-	W/FD	DW	DW

PHASE: 3

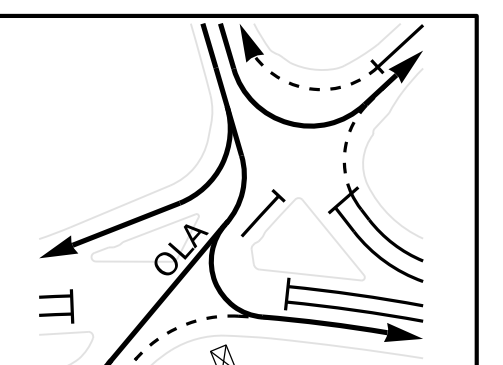
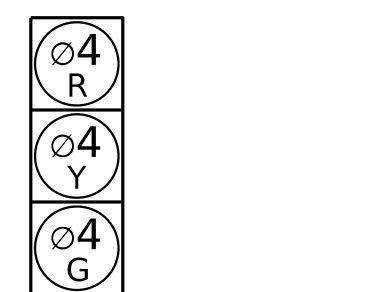
ACTIVE OVERLAP: B



SIGNALS	Ø	LPI	GREEN ACTIVE	YELLOW CHANGE	RED CLEAR
7	Ø3	-	←G- G	Y	R
8	Ø3	-	G	Y	R
22,23,24,25	Ø2P	-	W/FD	DW	DW

PHASE: 4

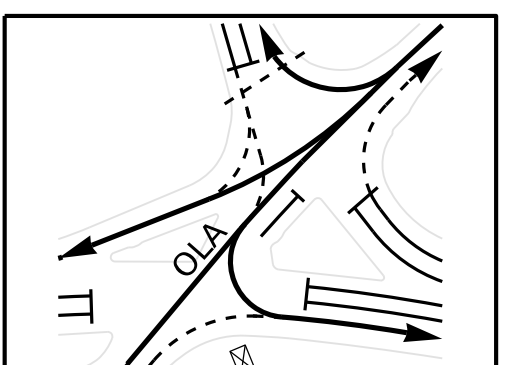
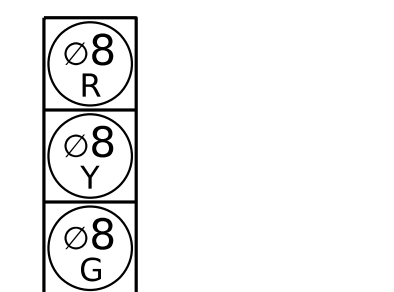
ACTIVE OVERLAP: A



SIGNALS	Ø	LPI	GREEN ACTIVE	YELLOW CHANGE	RED CLEAR
11,12	Ø4	X	G	Y	R

PHASE: 8

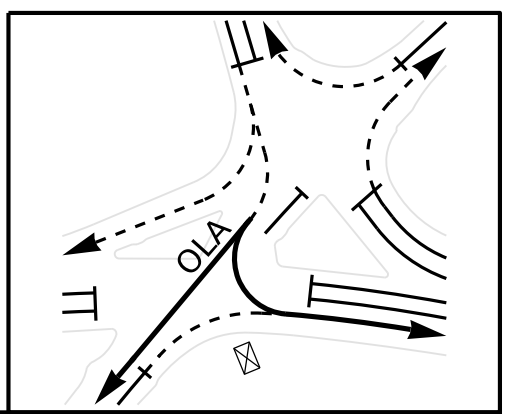
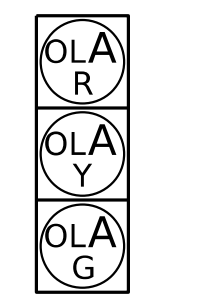
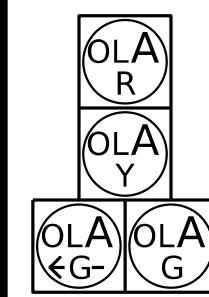
ACTIVE OVERLAP: A



SIGNALS	Ø	LPI	GREEN ACTIVE	YELLOW CHANGE	RED CLEAR
9,10	Ø8	-	G	Y	R
18,19	Ø8P	-	W/FD	DW	DW

OVERLAPS

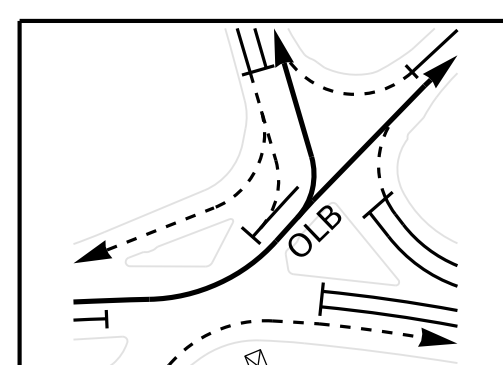
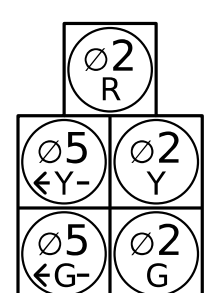
OVERLAP: A INCLUDED PHASES: 4,8



SIGNALS	Ø	LPI	GREEN ACTIVE	YELLOW CHANGE	RED CLEAR
5	OLA	X	←G- G	Y	R
6	OLA	X	G	Y	R

PHASE: 5

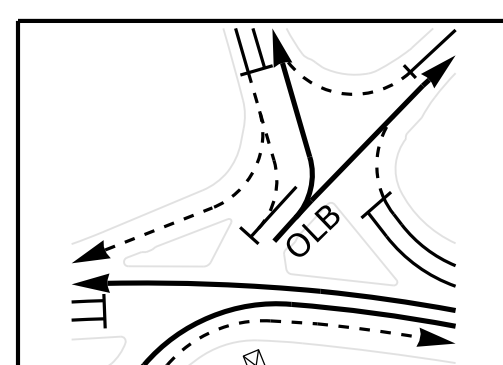
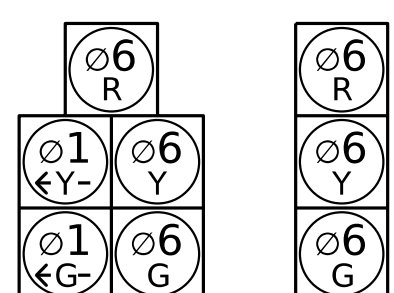
ACTIVE OVERLAP: B



SIGNALS	Ø	LPI	GREEN ACTIVE	YELLOW CHANGE	RED CLEAR
1	Ø5	X	←G-	←Y-	-

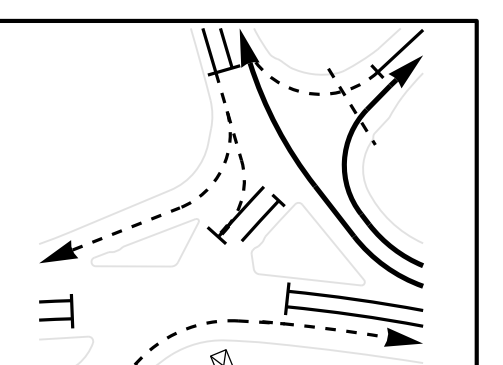
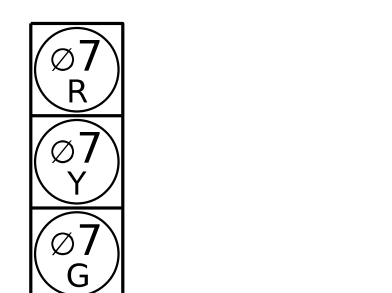
PHASE: 6

ACTIVE OVERLAP: B



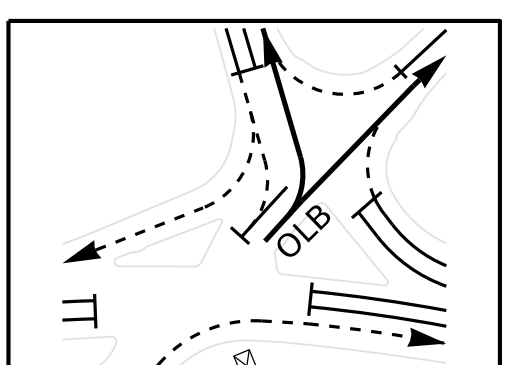
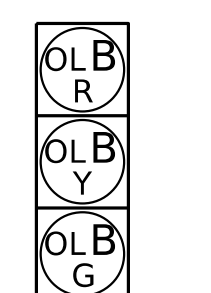
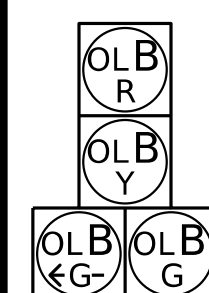
SIGNALS	Ø	LPI	GREEN ACTIVE	YELLOW CHANGE	RED CLEAR
2	Ø6	-	G	Y	R
1	Ø6	-	G	Y	R

PHASE: 7



SIGNALS	Ø	LPI	GREEN ACTIVE	YELLOW CHANGE	RED CLEAR
15,16,17	Ø7	-	G	Y	R
20,21	Ø7P	-	W/FD	DW	DW

OVERLAP: B INCLUDED PHASES: 1,2,3,5,6



SIGNALS	Ø	LPI	GREEN ACTIVE	YELLOW CHANGE	RED CLEAR
13	OLB	X	←G- G	Y	R
14	OLB	X	G	Y	R

PHASE TIMING

PHASES	1	2	3	4	5	6	7	8
MIN GREEN	5	12	5	5	5	12	5	5
ADVANCE WALK								
WALK		7	7			7	7	7
DON'T WALK		16	16			16	14	15
VEH EXT	2	2	2	2	2	2	2	2
MAX 1	15	60	45	50	15	60	50	30
MAX 2	15	60	45	50	15	60	50	30
YELLOW	3	4	3.5	4	3	4	4	4
RED	3.5	3.5	2.5	3.5	3.5	3.5	3.5	2.5
MIN RECALL								
MAX RECALL								
SOFT RECALL		X				X		
PED RECALL								
REST IN WALK								
DUAL ENTRY				X			X	
MEMORY	NL	L	NL	NL	NL	L	NL	NL

PREEMPTION

TYPE	EVP	EVP	EVP	EVP	EVP	EVP
CONFIRMATION SIGNAL	A	B	C	D	E	F
DWELL PHASES Ø	2,5	1,6	3	4	7	8
DWELL OVERLAPS	B	B	B	A	A	A
PREEMPT MIN	10	10	10	10	10	10
PREEMPT MAX	60	60	60	60	60	60
EXIT PHASE Ø	2,6	2,6	3	4,7	4,7	8

OVERLAPS

OVERLAPS	A	B
SIGNALS	5,6	13,14
INDICATIONS	R Y ←G- G	R Y ←G- G
TYPE	NORMAL	NORMAL
INCLUDED PHASES Ø	4,8	1,2,3,5,6
FYA PROTECTED Ø		
FYA PERMISSIVE Ø		
FYA START DELAY		
LAG GREEN	5	5
YELLOW	4	4
RED	2.5	2.5