

NOTES

- ## LEGEND

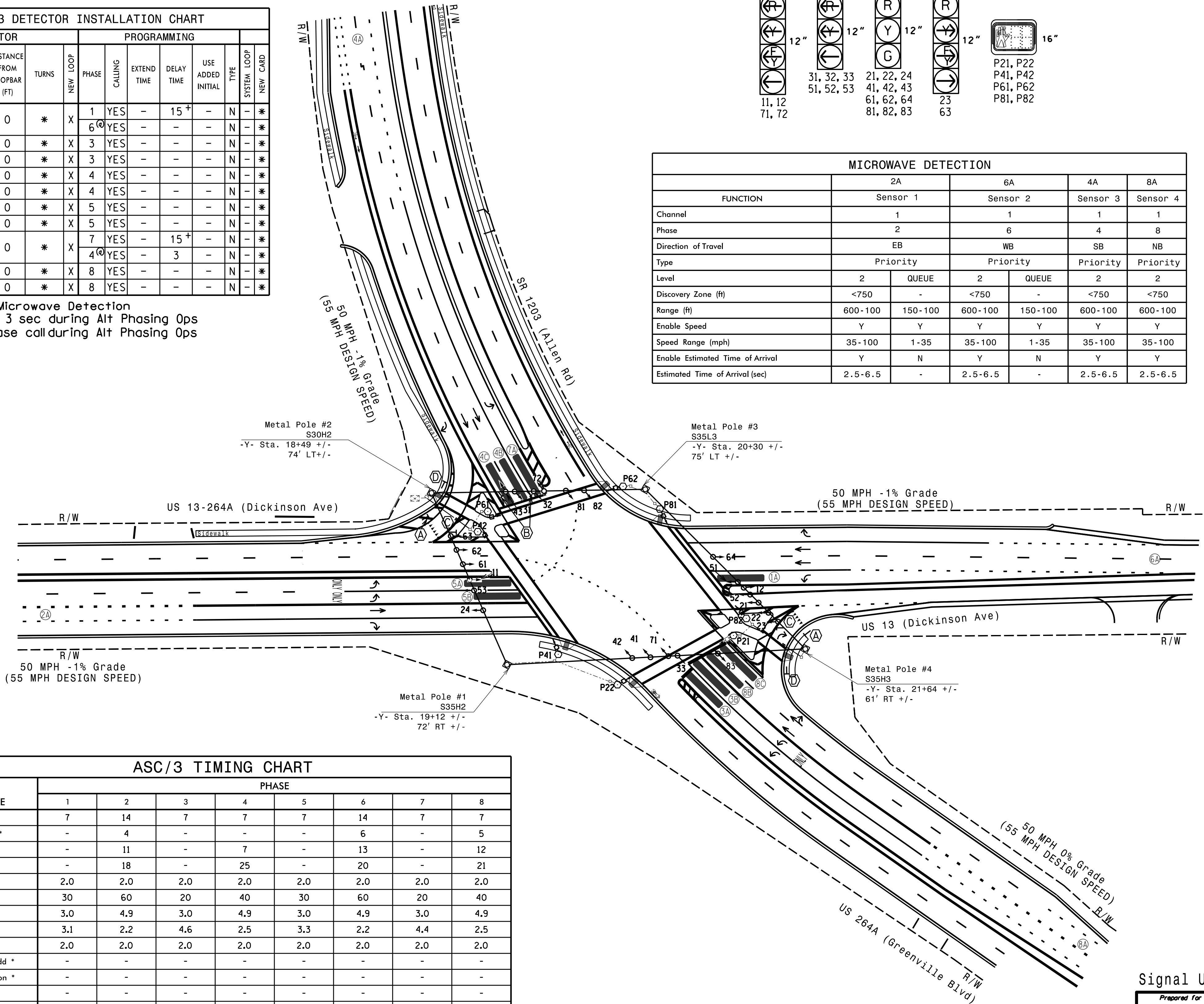
SIGNS

Signal Upgrade - Final

ASC/3 DETECTOR INSTALLATION CHART													
DETECTOR					PROGRAMMING								
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PHASE	CALLING	EXTEND TIME	DELAY TIME	USE ADDED INITIAL	TYPE	SYSTEM LOOP	NEW CARD	
1A	6X40	0	*	X	1	YES	-	15 ⁺	-	N	-	*	
					6	YES	-	-	-	N	-	*	
3A	6X40	0	*	X	3	YES	-	-	-	N	-	*	
3B	6X40	0	*	X	3	YES	-	-	-	N	-	*	
4B	6X40	0	*	X	4	YES	-	-	-	N	-	*	
4C	6X40	0	*	X	4	YES	-	-	-	N	-	*	
5A	6X40	0	*	X	5	YES	-	-	-	N	-	*	
5B	6X40	0	*	X	5	YES	-	-	-	N	-	*	
					7	YES	-	15 ⁺	-	N	-	*	
7A	6X40	0	*	X	4	YES	-	3	-	N	-	*	
8B	6X40	0	*	X	8	YES	-	-	-	N	-	*	
8C	6X40	0	*	X	8	YES	-	-	-	N	-	*	

- * Multizone Microwave Detection
- + Reduce to 3 sec during Alt Phasing Ops
- @ Disable phase call during Alt Phasing Ops

MICROWAVE DETECTION						
	2A		6A		4A	8A
FUNCTION	Sensor 1		Sensor 2		Sensor 3	Sensor 4
Channel	1		1		1	1
Phase	2		6		4	8
Direction of Travel	EB		WB		SB	NB
Type	Priority		Priority		Priority	Priority
Level	2	QUEUE	2	QUEUE	2	2
Discovery Zone (ft)	<750	-	<750	-	<750	<750
Range (ft)	600-100	150-100	600-100	150-100	600-100	600-100
Enable Speed	Y	Y	Y	Y	Y	Y
Speed Range (mph)	35-100	1-35	35-100	1-35	35-100	35-100
Enable Estimated Time of Arrival	Y	N	Y	N	Y	Y
Estimated Time of Arrival (sec)	2.5-6.5	-	2.5-6.5	-	2.5-6.5	2.5-6.5



ASC/3 TIMING CHART								
FEATURE	PHASE							
	1	2	3	4	5	6	7	8
Min Green *	7	14	7	7	7	14	7	7
Delayed Green *	-	4	-	-	-	6	-	5
Walk *	-	11	-	7	-	13	-	12
Ped Clear	-	18	-	25	-	20	-	21
Veh. Extension *	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Max 1 *	30	60	20	40	30	60	20	40
Yellow	3.0	4.9	3.0	4.9	3.0	4.9	3.0	4.9
Red Clear	3.1	2.2	4.6	2.5	3.3	2.2	4.4	2.5
Red Revert	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Actuations B4 Add *	-	-	-	-	-	-	-	-
Seconds / Actuation *	-	-	-	-	-	-	-	-
Max Initial *	-	-	-	-	-	-	-	-
Time Before Reduction *	-	-	-	-	-	-	-	-
Time To Reduce *	-	-	-	-	-	-	-	-
Minimum Gap	-	-	-	-	-	-	-	-
Locking Detector	-	X	-	-	-	X	-	-
Recall Position	-	VEH. RECALL	-	-	-	VEH. RECALL	-	-
Dual Entry	-	-	-	-	-	-	-	X
Simultaneous Gap	X	X	X	X	X	X	X	X

* These values may be field adjusted. Do not adjust Min Green and Extension times for phases 2 and 6 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.