

PHASING DIAGRAM

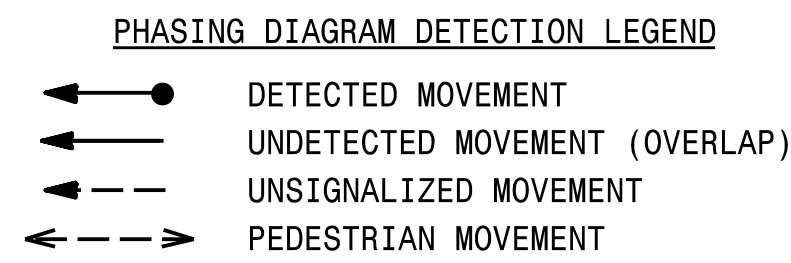
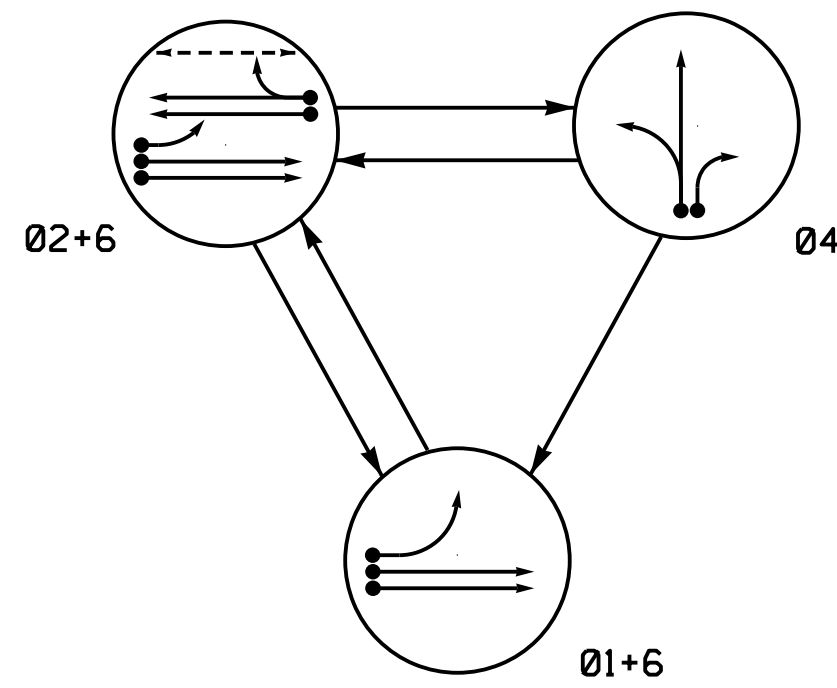
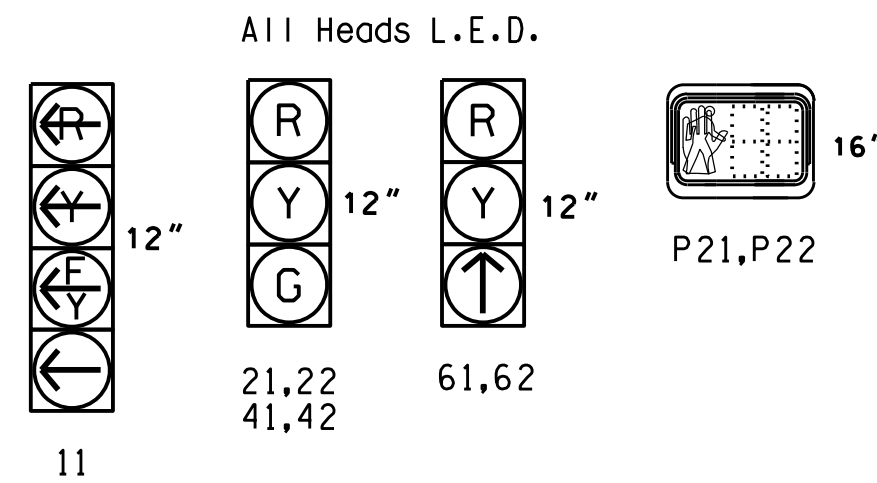


TABLE OF OPERATION

SIGNAL FACE	PHASE			
	01+6	02+6	04	F L H S H H
11	---	Y	R	Y
21,22	R	G	R	Y
41,42	R	R	G	R
61,62	---	---	---	R
P21,P22	DW	W	DW	DRK

SIGNAL FACE I.D.



ASC/3 DETECTOR INSTALLATION CHART

ZONE	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PROGRAMMING							
					PHASE	CALLING	EXTEND TIME	DELAY TIME	USE ADDED INITIAL	TYPE	LOOP	NEW CARD
1A*	6X40	0	*	*	1	Yes	-	15	-	S	-	*
6	6X6	70	*	*	6	Yes	-	-	-	S	-	*
2A*	6X6	70	*	*	2	Yes	-	-	-	S	-	*
2B*	6X6	70	*	*	2	Yes	-	-	-	S	-	*
4A*	6X40	0	*	*	4	Yes	-	-	-	S	-	*
4B*	6X40	0	*	*	4	Yes	-	15	-	S	-	*
6A*	6X6	70	*	*	6	Yes	-	-	-	S	-	*
6B*	6X6	70	*	*	6	Yes	-	-	-	S	-	*

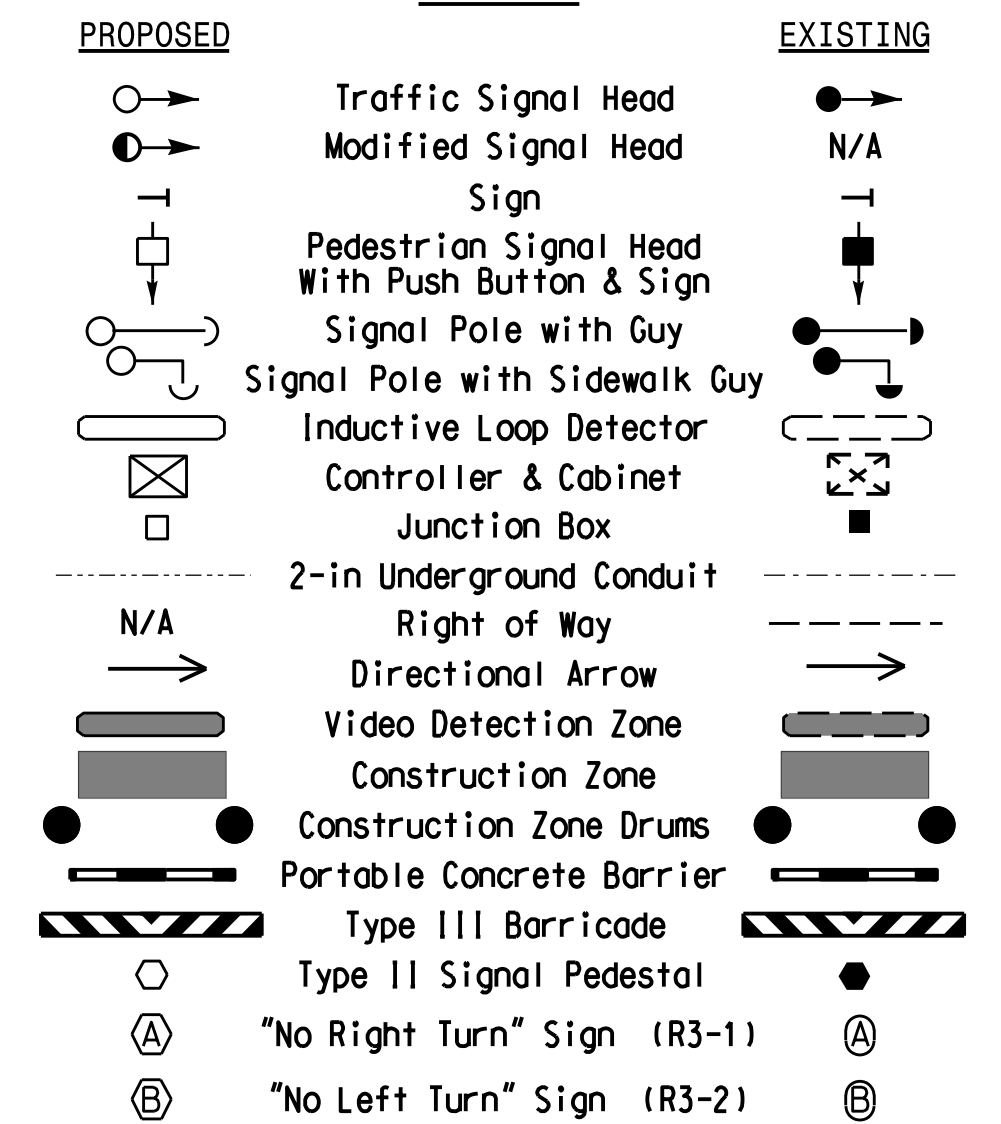
* Video Detection

3 Phase Fully Actuated (High Point Signal System)

NOTES

1. Refer to "Roadway Standard Drawings NCDOT" dated January 2018 and "Standard Specifications for Roads and Structures" dated January 2018.
2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
3. Phase 1 may be lagged.
4. Set all detector units to presence mode.
5. Omit "WALK" and flashing "DON'T WALK" with no pedestrian calls.
6. Program pedestrian heads to countdown the flashing "Don't Walk" time only. supersede these values.
7. This intersection uses video detection. install according to manufacturer's instructions to achieve the desired detection.
8. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values

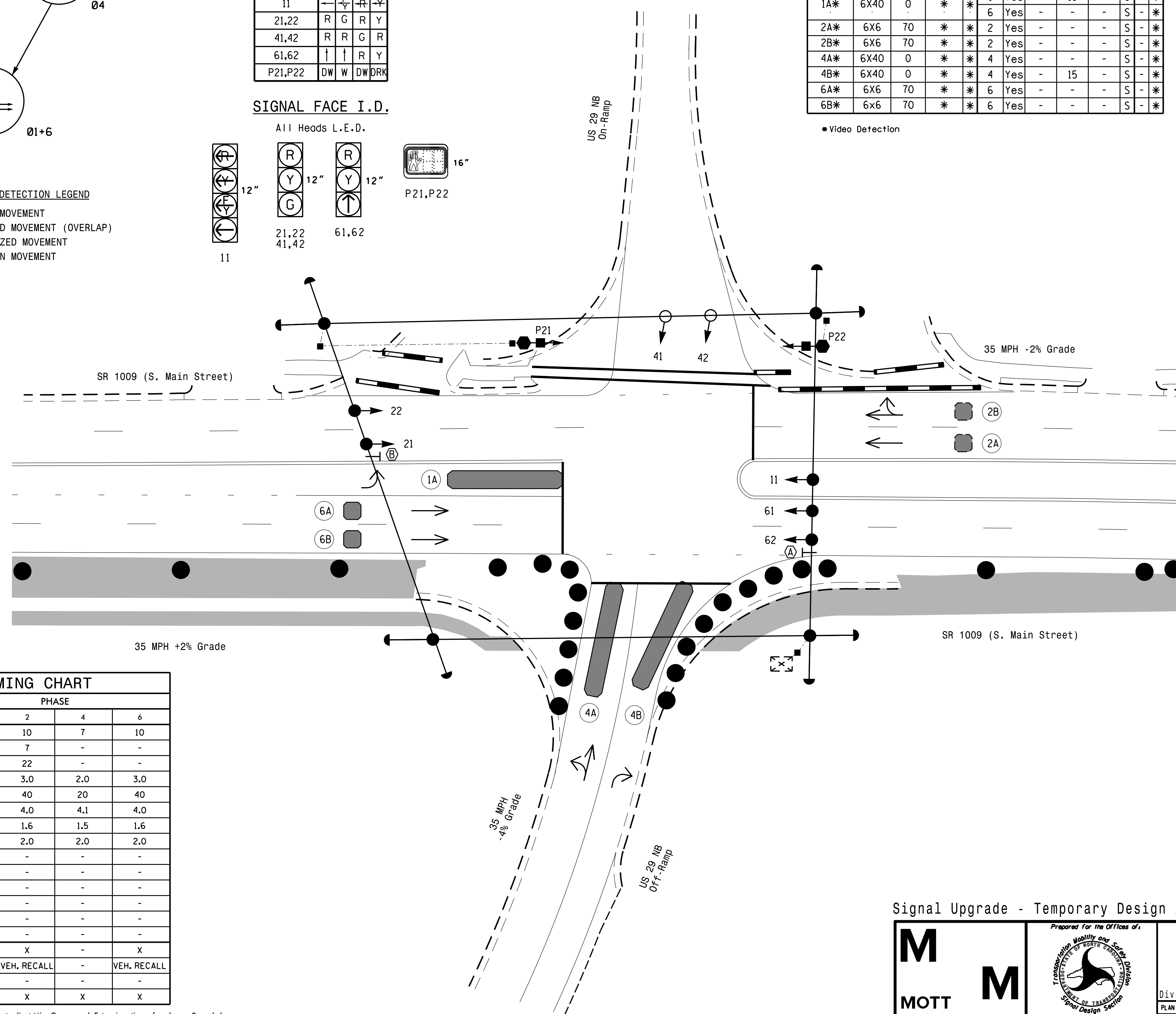
LEGEND



ASC/3 TIMING CHART

FEATURE	PHASE			
	1	2	4	6
Min Green *	7	10	7	10
Walk *	-	7	-	-
Ped Clear	-	22	-	-
Veh. Extension *	2.0	3.0	2.0	3.0
Max I *	20	40	20	40
Yellow	3.0	4.0	4.1	4.0
Red Clear	2.3	1.6	1.5	1.6
Red Revert	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	-	-	-	-
Simultaneous Gap	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.



Signal Upgrade - Temporary Design 2 (TMP Phases IIB - IVB)

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

 7621 Purfoy Road Suite 115 Fuquay-Varina, NC 27526 www.mottmac.com License No. F-0669		SR 1009 (S. Main Street) at US 29 NB Ramps	
		Division 7 Guilford County High Point PLAN DATE: May 2021 PREPARED BY: DE Fowler	REVIEWED BY: RW Thompson REVIEWED BY:
SCALE: 0 20 1"=20'		REVISIONS:	INIT. DATE:
Signature:		DATE:	
SIG. INVENTORY NO. 07-1586 12		SEAL	