

PHASING DIAGRAM

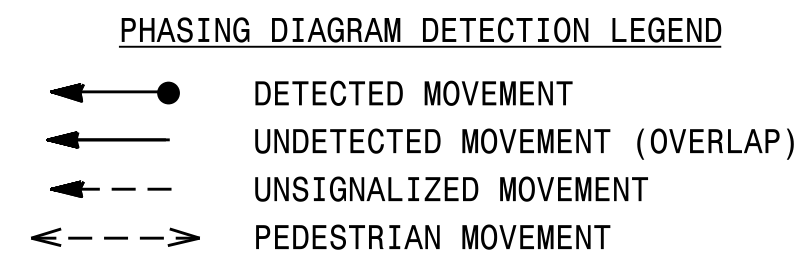
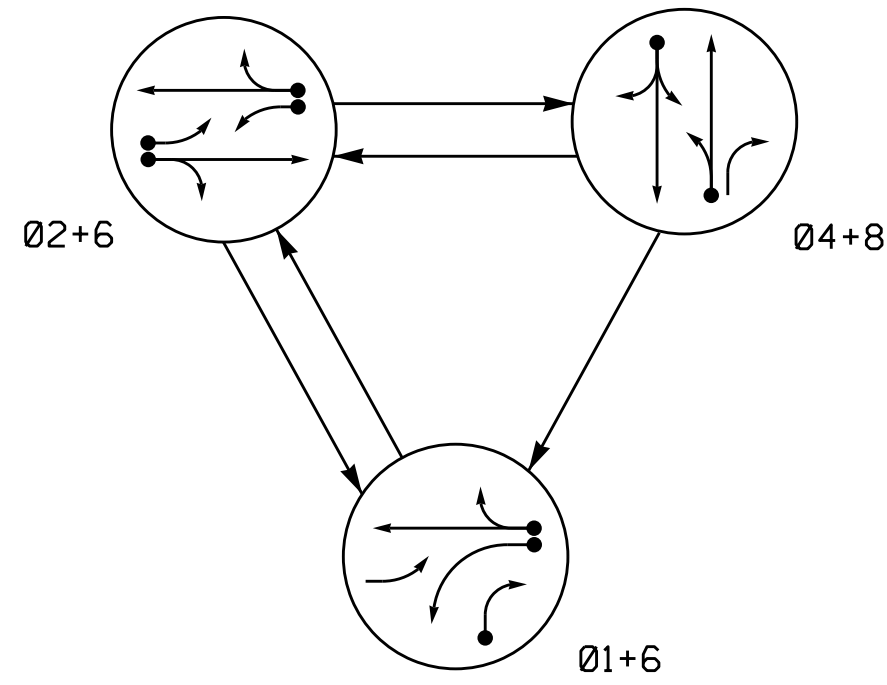
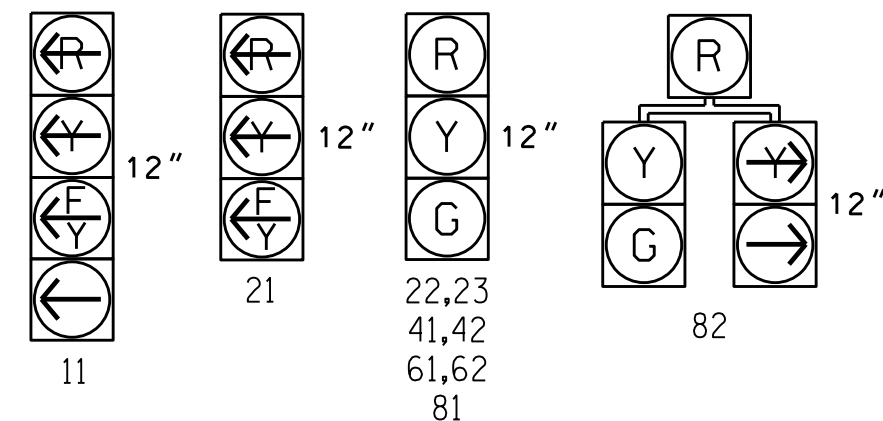


TABLE OF OPERATION

SIGNAL FACE	PHASE			
	01+6	02+6	04+8	F L R
11	F	R	R	Y
21	F	F	R	Y
22,23	R	G	R	Y
41,42	R	R	G	R
61,62	G	G	R	Y
81	R	R	G	R
82	R	R	G	R

SIGNAL FACE I.D.

All Heads L.E.D.



OASIS 2070 LOOP & DETECTOR INSTALLATION CHART

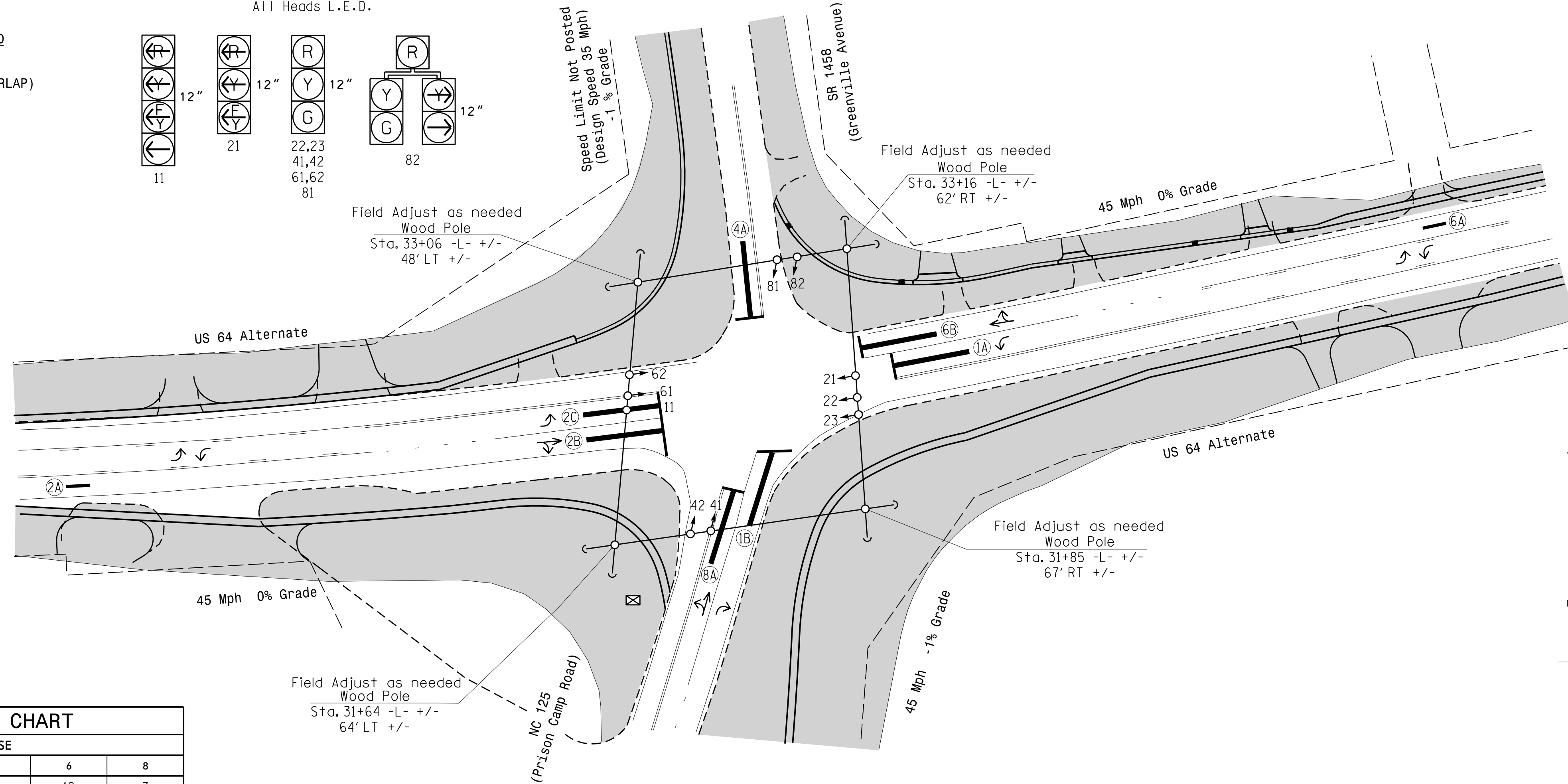
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	DETECTOR PROGRAMMING						
					PHASE	CALLING	EXTENSION	FULL TIME DELAY	STRETCH TIME	DELAY TIME	SYSTEM LOOP
1A	6X40	0	*	-	1	Y	Y	-	15	-	Y
1B	6X40	0	*	-	1	Y	Y	-	15	-	Y
2A	6X6	300	*	-	2	Y	Y	-	-	-	Y
2B	6X40	0	*	-	2	Y	Y	2.0	5	-	Y
2C	6X40	0	*	-	2	Y	Y	-	3	-	Y
4A	6X40	0	*	-	4	Y	Y	-	3	-	Y
6A	6X6	300	*	-	6	Y	Y	-	-	-	Y
6B	6X40	0	*	-	6	Y	Y	2.0	5	-	Y
8A	6X40	0	*	-	8	Y	Y	-	3	-	Y

\* Video Detection Zone

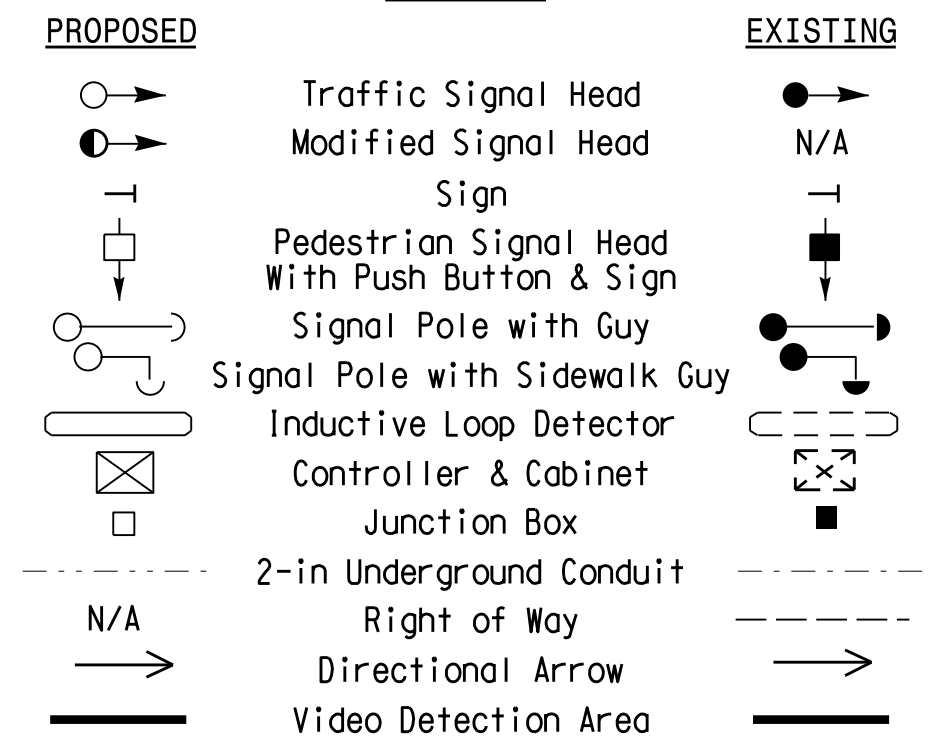
3 Phase Fully Actuated Isolated

NOTES

- Refer to "Roadway Standard Drawings NCDOT" dated January 2012 and "Standard Specifications for Roads and Structures" dated January 2012.
- Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- Phase 1 may be lagged.
- Set all detector units to presence mode.
- Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.



LEGEND



OASIS 2070 TIMING CHART

FEATURE	PHASE				
	1	2	4	6	8
Min Green 1 *	7	12	7	12	7
Extension 1 *	2.0	6.0	2.0	6.0	2.0
Max Green 1 *	20	90	30	90	30
Yellow Clearance	3.0	4.5	4.6	4.5	4.6
Red Clearance	3.2	1.7	1.4	1.7	1.4
Walk 1 *	-	-	-	-	-
Don't Walk 1	-	-	-	-	-
Seconds Per Actuation *	-	-	-	-	-
Max Variable Initial *	-	-	-	-	-
Time Before Reduction *	-	15	-	15	-
Time To Reduce *	-	45	-	45	-
Minimum Gap	-	3.0	-	3.0	-
Recall Mode	-	MIN RECALL	-	MIN RECALL	-
Vehicle Call Memory	-	-	-	-	-
Dual Entry	-	-	ON	-	ON
Simultaneous Gap	ON	ON	ON	ON	ON

\* 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 1

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

	US 64 Alternate at NC 125 (Prison Camp Road) / SR 1458 (Greenville Avenue)		SEAL NORTH CAROLINA PROFESSIONAL ENGINEER WILLIAM P. GALLOWAY 029904
	Division 1 Martin County Williamston	PLAN DATE: August 2016 PREPARED BY: Jeff Spence	
750 N. Greenfield Pkwy, Garner, NC 27529 TRANSPORTATION MOBILITY AND SAFETY SOLUTIONS UNIVERSITY OF NORTH CAROLINA SIGNAL DESIGN SECTION	SCALE: 1" = 40' 0 40	REVISIONS:	INIT. DATE: