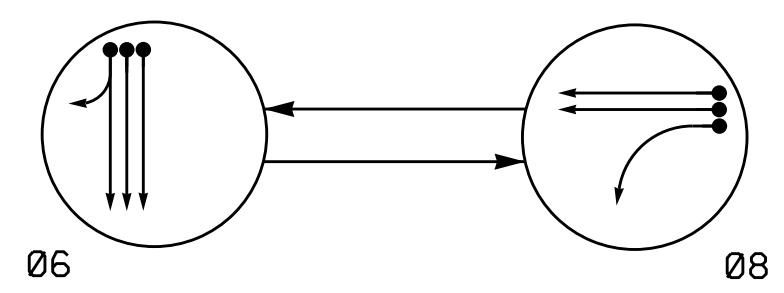


PHASING DIAGRAM

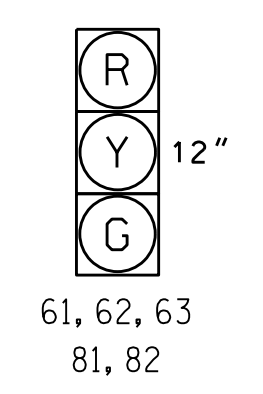


PHASING DIAGRAM DETECTION LEGEND
 ● DETECTED MOVEMENT
 — UNDETECTED MOVEMENT (OVERLAP)
 - - - UNSIGNALIZED MOVEMENT
 <- - - - PEDESTRIAN MOVEMENT

SIGNAL FACE	PHASE		
	6	8	L
61, 62, 63	G	R	Y
81, 82	R	G	R

SIGNAL FACE I.D.

All Heads L.E.D.

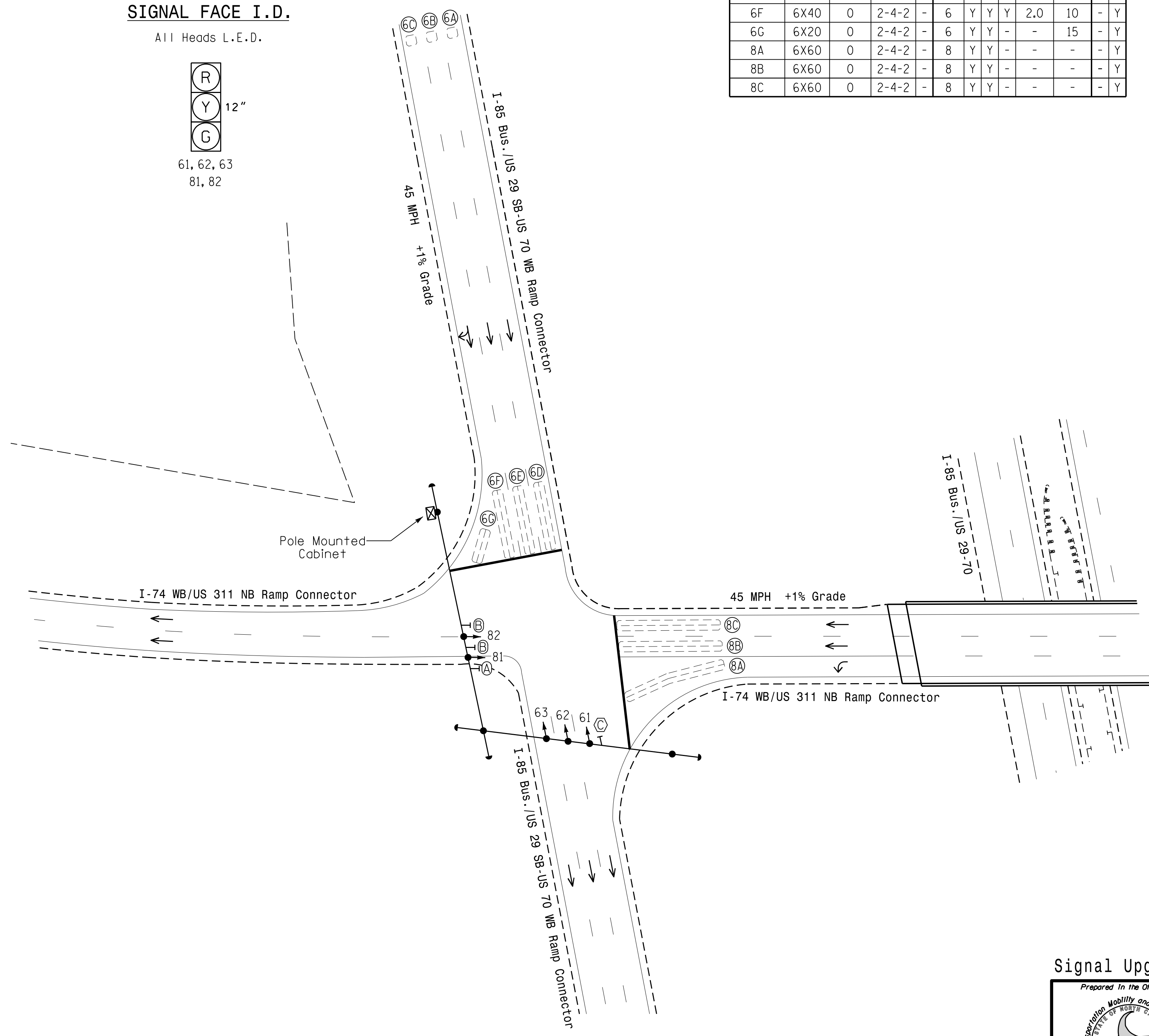


OASIS 2070 LOOP & DETECTOR INSTALLATION CHART												
INDUCTIVE LOOPS				DETECTOR PROGRAMMING								
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PHASE	CALLING	EXTENSION	FULL TIME DELAY	STRETCH TIME	DELAY TIME	SYSTEM LOOP	NEW CARD
6A	6X6	300	EXIST	-	6	-	Y	-	-	-	-	Y
6B	6X6	300	EXIST	-	6	-	Y	-	-	-	-	Y
6C	6X6	300	EXIST	-	6	-	Y	-	-	-	-	Y
6D	6X40	0	2-4-2	-	6	Y	Y	Y	2.0	5	-	Y
6E	6X40	0	2-4-2	-	6	Y	Y	Y	2.0	5	-	Y
6F	6X40	0	2-4-2	-	6	Y	Y	Y	2.0	10	-	Y
6G	6X20	0	2-4-2	-	6	Y	Y	-	-	15	-	Y
8A	6X60	0	2-4-2	-	8	Y	Y	-	-	-	-	Y
8B	6X60	0	2-4-2	-	8	Y	Y	-	-	-	-	Y
8C	6X60	0	2-4-2	-	8	Y	Y	-	-	-	-	Y

2 Phase Fully Actuated (High Point Signal System)

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.
- Renumber existing signal phases, heads, and loops as shown.
- Set all detector units to presence mode.
- In the event of loop replacement, refer to the current ITS and Signals Design Manual and submit a Plan of Record to the Signal Design Section.
- Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- Pavement markings are existing.
- Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.

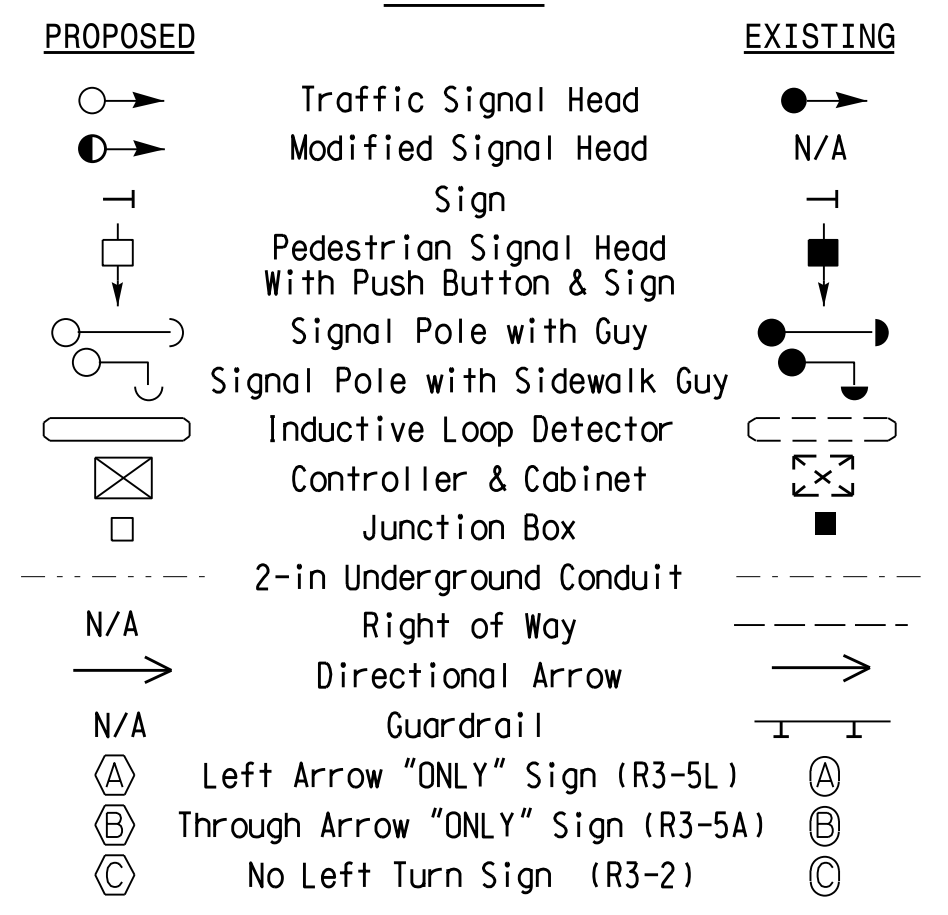


OASIS 2070 TIMING CHART

FEATURE	PHASE	
	6	8
Min Green 1 *	12	12
Extension 1 *	6.0	3.0
Max Green 1 *	40	25
Yellow Clearance	4.4	4.4
Red Clearance	1.2	1.0
Red Revert	2.0	2.0
Walk 1 *	-	-
Don't Walk 1	-	-
Seconds Per Actuation *	-	-
Max Variable Initial *	-	-
Time Before Reduction *	5	-
Time To Reduce *	15	-
Minimum Gap	3.0	-
Recall Mode	MIN RECALL	-
Vehicle Call Memory	-	-
Dual Entry	-	-
Simultaneous Gap	ON	ON

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

LEGEND



Signal Upgrade

	Prepared in the Offices of: I-85 Bus./US 29 SB-US 70 WB Ramp at I-74 WB/US 311 NB Ramp		SEAL
	Division 7 Guilford County High Point		
PLAN DATE: July 2014 PREPARED BY: R.N. Zinser	REVIEWED BY:	DATE: 4/10/2015	SIG. INVENTORY NO. 07-2009

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