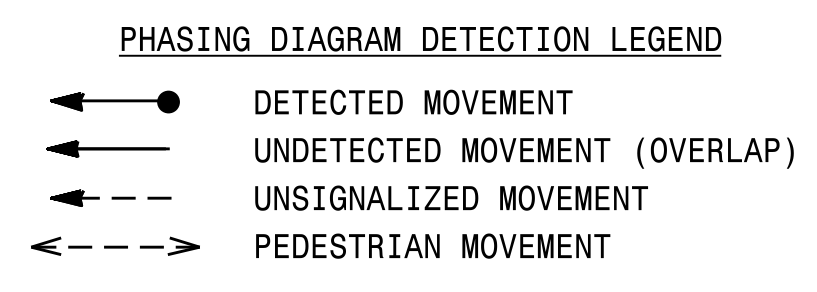
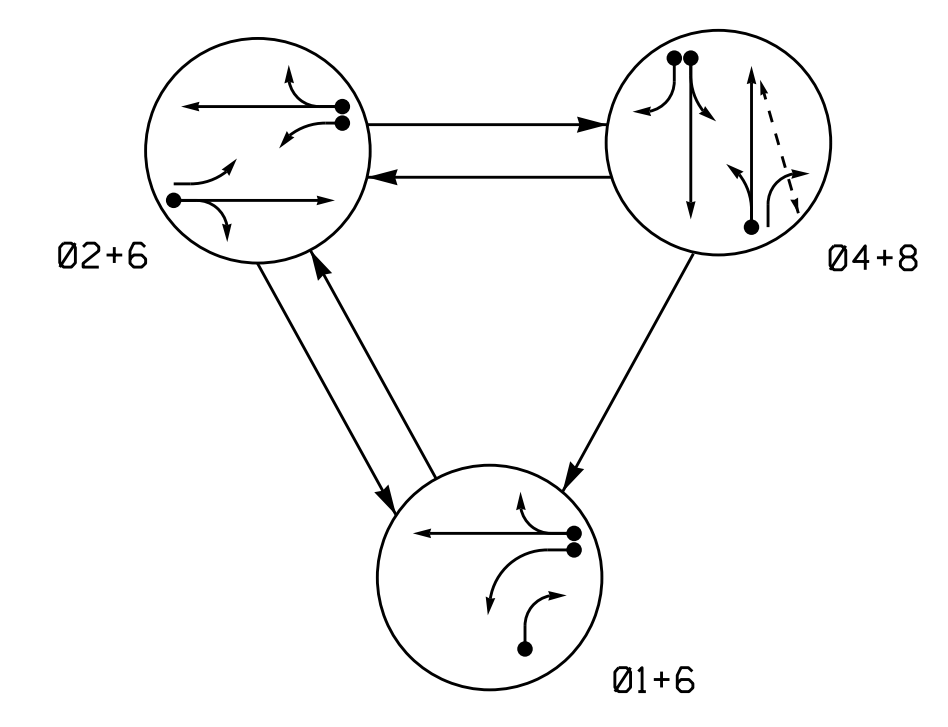


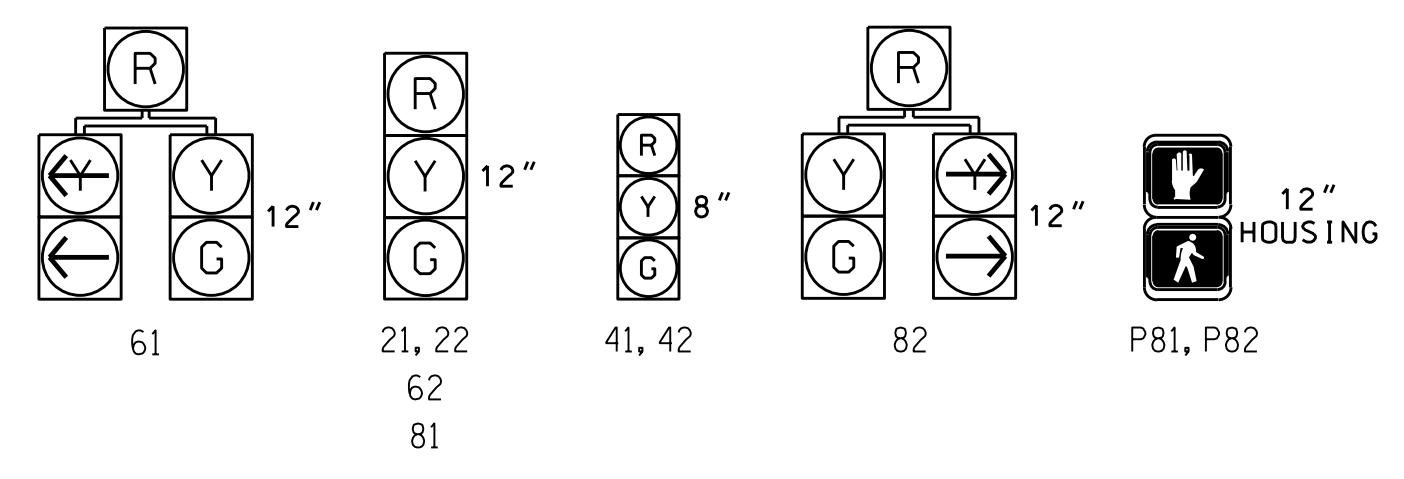
PHASING DIAGRAM



SIGNAL FACE	PHASE				
	Ø1+6	Ø2+6	Ø4+8	Ø1+6	Ø1+6
21, 22	R	G	R	Y	
41, 42	R	R	G	R	
61		G	R	Y	
62	G	G	R	Y	
81	R	R	G	R	
82	R	R	G	R	
P81, P82	DW	DW	W	DRK	

SIGNAL FACE I.D.

All Heads L.E.D.

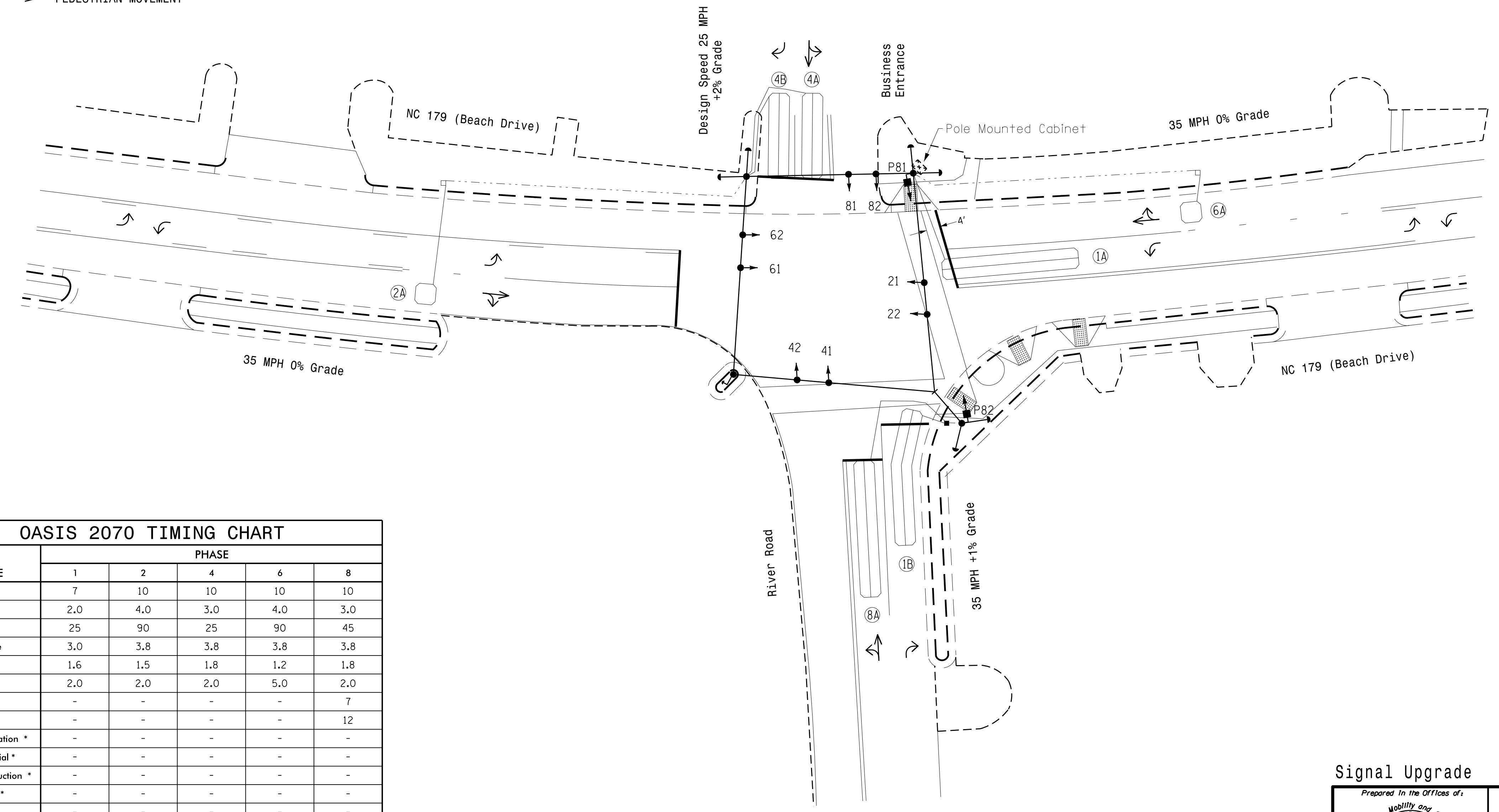


INDUCTIVE LOOPS				DETECTOR PROGRAMMING				SYSTEM LOOP	NEW CARD
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	PHASE	CALLING	EXTENSION	FULL TIME DELAY		
1A	6X40	+3	2-4-2	Y	1	Y	Y	15	-
1B	6X40	+10	2-4-2	Y	1	Y	Y	15	-
2A	6X6	70	5	Y	2	Y	Y	-	-
4A	6X25	0	2-4-2	Y	4	Y	Y	3	-
4B	6X25	0	2-4-2	Y	4	Y	Y	15	-
6A	6X6	70	5	Y	6	Y	Y	-	-
8A	6X40	0	2-4-2	Y	8	Y	Y	3	-

3 Phase Fully Actuated Isolated

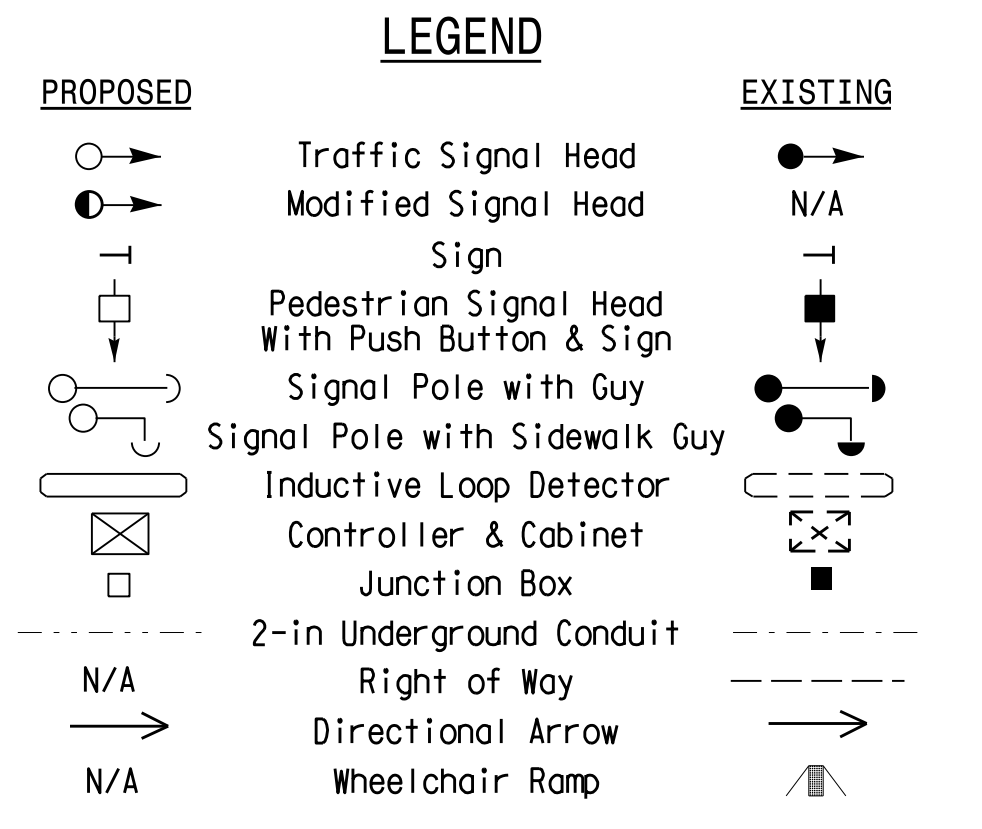
NOTES

1. Refer to "Roadway Standard Drawings NCDOT" dated January 2012 and "Standard Specifications for Roads and Structures" dated January 2012.
2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
3. Enable Backup Protect for phase 6 to allow the controller to clear from phase 2+6 to phase 1+6 by progressing through an all red display.
4. Set all detector units to presence mode.
5. Omit "WALK" and flashing "DON'T WALK" with no pedestrian calls.



FEATURE	PHASE				
	1	2	4	6	8
Min Green 1 *	7	10	10	10	10
Extension 1 *	2.0	4.0	3.0	4.0	3.0
Max Green 1 *	25	90	25	90	45
Yellow Clearance	3.0	3.8	3.8	3.8	3.8
Red Clearance	1.6	1.5	1.8	1.2	1.8
Red Revert	2.0	2.0	2.0	5.0	2.0
Walk 1 *	-	-	-	-	7
Don't Walk 1	-	-	-	-	12
Seconds Per Actuation *	-	-	-	-	-
Max Variable Initial *	-	-	-	-	-
Time Before Reduction *	-	-	-	-	-
Time To Reduce *	-	-	-	-	-
Minimum Gap	-	-	-	-	-
Recall Mode	-	MIN RECALL	-	MIN RECALL	-
Vehicle Call Memory	-	YELLOW	-	YELLOW	-
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

	<p>NC 179 (Beach Drive) at River Road/Business Entrance</p>		<p>SEAL PROFESSIONAL ENGINEER PAMELA L. ALEXANDER 023489</p>
	<p>Division 3 Brunswick County Calabash</p> <p>PLAN DATE: February 2016 REVIEWED BY: JPG/PLA</p> <p>PREPARED BY: Devin Smith REVIEWED BY:</p>		
<p>750 N. Greenfield Pkwy, Garner, NC 27529</p> <p>SCALE 0 20 1"=20'</p>		<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p> <p>REVISIONS: _____ INIT. DATE</p> <p>3/14/16</p> <p>SIG. INVENTORY NO. 03-0241</p>	

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