

PHASING DIAGRAM

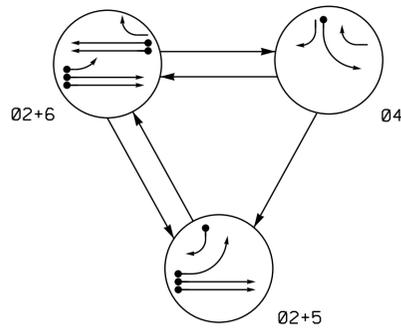
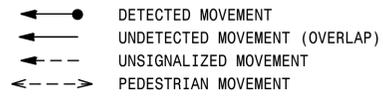


TABLE OF OPERATION

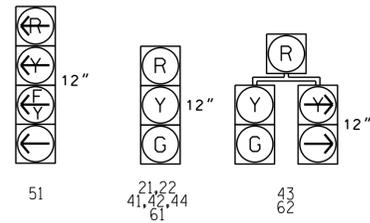
SIGNAL FACE	PHASE			
	02+5	02+6	04	F L R Y
21,22	G	G	R	Y
41,42,44	R	R	G	R
43	R	R	G	R
51	-	F	R	Y
61	R	G	R	Y
62	R	G	R	Y

PHASING DIAGRAM DETECTION LEGEND



SIGNAL FACE I.D.

All Heads L.E.D.



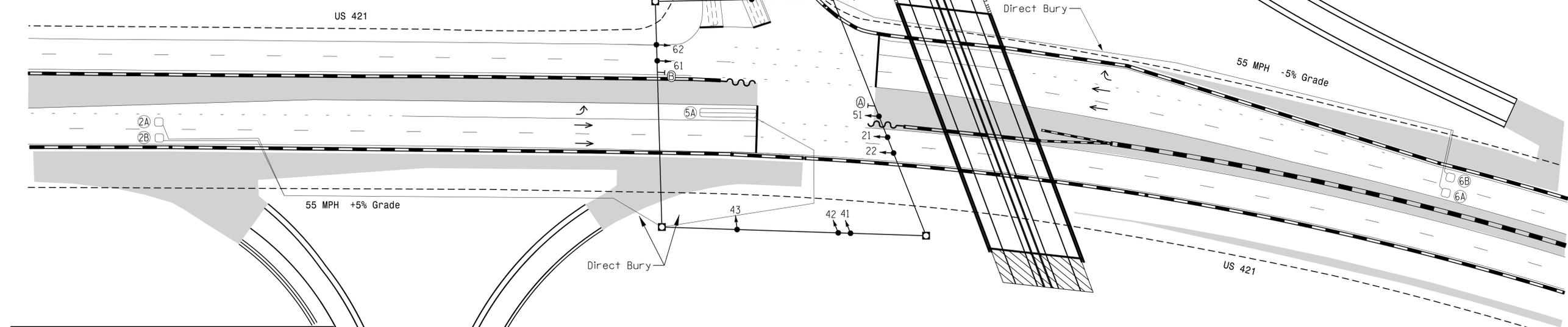
OASIS 2070 LOOP & DETECTOR INSTALLATION CHART

LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	DETECTOR PROGRAMMING				SYSTEM LOOP	NEW CARD
					PHASE	CALLING	EXTENSION	FULL TIME DELAY		
2A	6X6	420	5	Y	2	Y	Y	-	-	-
2B	6X6	420	5	Y	2	Y	Y	-	-	-
4A	6X40	0	2-4-2	-	4	Y	Y	-	-	3
5A	6X40	0	2-4-2	Y	5	Y	Y	-	-	15
5B	6X40	0	2-4-2	-	5	Y	Y	-	-	15
6A	6X6	420	5	Y	6	Y	Y	-	-	-
6B	6X6	420	5	Y	6	Y	Y	-	-	-

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 5 may be lagged.
- Set all detector units to presence mode.
- Program controller to operate using FYA compact mode.

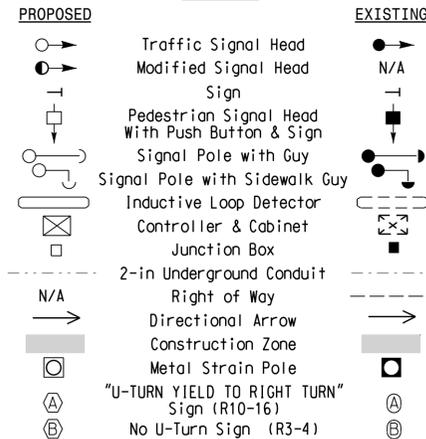


OASIS 2070 TIMING CHART

FEATURE	PHASE			
	2	4	5	6
Min Green 1 *	14	7	7	14
Extension 1 *	6.0	2.0	2.0	6.0
Max Green 1 *	90	25	25	90
Yellow Clearance	5.8	3.0	3.0	5.8
Red Clearance	1.6	3.5	2.1	1.6
Red Revert	2.0	2.0	2.0	2.0
Walk 1 *	-	-	-	-
Don't Walk 1	-	-	-	-
Seconds Per Actuation *	1.5	-	-	1.5
Max Variable Initial *	48	-	-	48
Time Before Reduction *	15	-	-	15
Time To Reduce *	30	-	-	30
Minimum Gap	3.4	-	-	3.4
Recall Mode	MIN RECALL	-	-	MIN RECALL
Vehicle Call Memory	YELLOW	-	-	YELLOW
Dual Entry	-	-	-	-
Simultaneous Gap	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.

LEGEND



Temporary Signal 4 (TCP Phase IIIA)

750 N. Greenfield Pkwy, Garner, NC 27529

US 421
at
US 221

SEAL
NORTH CAROLINA
PROFESSIONAL ENGINEER
ZACHARY M. LITTLE
SEAL 030530

Division 11 Watauga County Deep Gap	
PLAN DATE: May 2015	REVIEWED BY: T.J. Williams
PREPARED BY: Z.M. Little	REVIEWED BY:
REVISIONS	INIT. DATE

SCALE 0 40
1"=40'

DocuSigned by:
Zachary M. Little 5/22/2015
DATE

27 MAY 2015 11:35
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