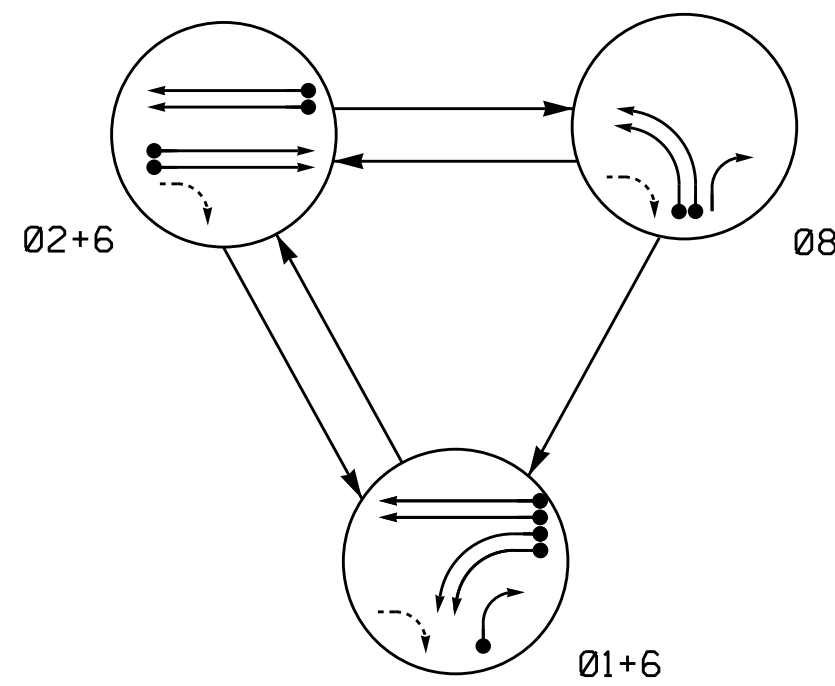


PHASING DIAGRAM



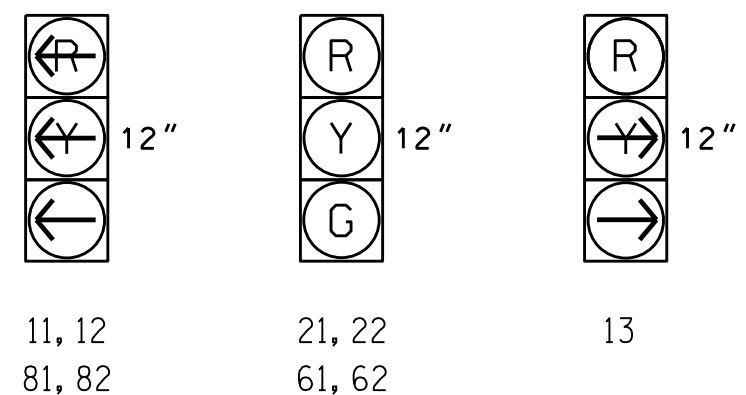
PHASING DIAGRAM DETECTION LEGEND

- ◀•▶ DETECTED MOVEMENT
- ◀◊▶ UNDETECTED MOVEMENT (OVERLAP)
- ◀---▶ UNSIGNALIZED MOVEMENT
- ◀---▶ PEDESTRIAN MOVEMENT

SIGNAL FACE	PHASE			
	01+6	02+6	08	FLASH
11, 12	→	→	→	→
13	→	→	→	→
21, 22	R	G	R	Y
61, 62	G	G	R	Y
81, 82	→	→	→	→

SIGNAL FACE I.D.

All Heads L.E.D.

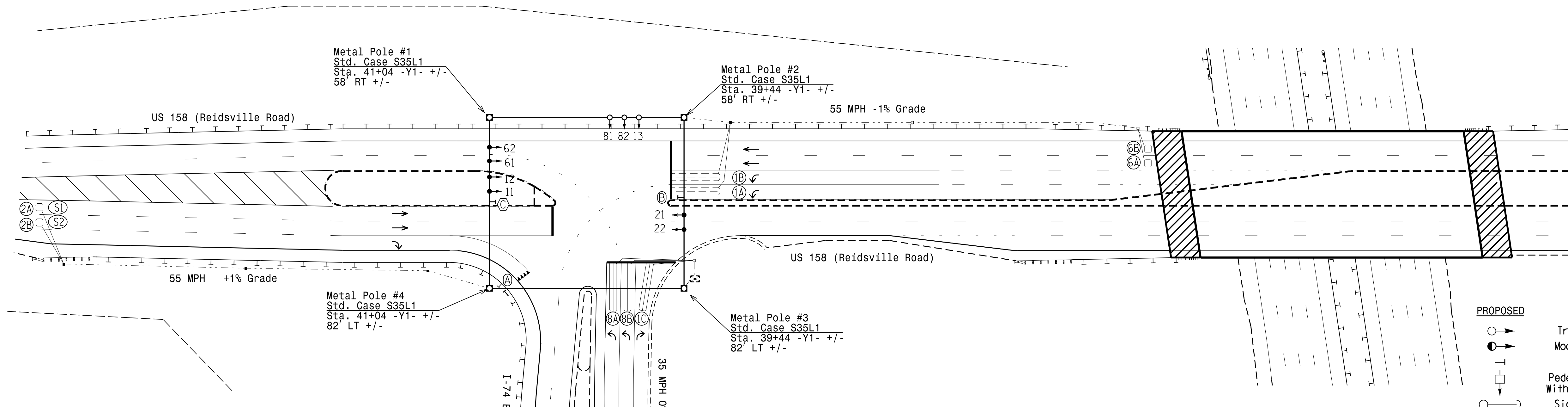


OASIS 2070 LOOP & DETECTOR INSTALLATION CHART												
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	DETECTOR PROGRAMMING					SYSTEM LOOP	NEW CARD	
					PHASE	CALLING	EXTENSION	FULL TIME DELAY	STRETCH TIME			DELAY TIME
1A	6X40	0	2-4-2	-	1	Y	Y	-	-	-	-	-
1B	6X40	0	2-4-2	-	1	Y	Y	-	-	-	-	-
1C	6X40	0	2-4-2	Y	1	Y	Y	-	-	15	-	-
2A/S1	6X6	420	5	-	2	Y	Y	-	-	-	-	-
2B/S2	6X6	420	5	-	2	Y	Y	-	-	-	-	-
6A	6X6	390	5	Y	6	Y	Y	-	-	-	-	-
6B	6X6	390	5	Y	6	Y	Y	-	-	-	-	-
8A	6X40	0	2-4-2	Y	8	Y	Y	-	-	-	-	-
8B	6X40	0	2-4-2	Y	8	Y	Y	-	-	-	-	-

3 Phase Fully Actuated US 158 (Reidsville Road) CLS

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.
- Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
- Closed loop system data:  
Controller Asset #: 0510.



OASIS 2070 TIMING CHART				
FEATURE	PHASE			
	1	2	6	8
Min Green 1 *	7	14	14	7
Extension 1 *	2.0	6.0	6.0	2.0
Max Green 1 *	20	90	90	25
Yellow Clearance	3.0	5.1	5.1	3.0
Red Clearance	3.3	1.1	1.1	3.4
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 *	-	46	43	-
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.

PROPOSED	EXISTING
	N/A
	N/A
	N/A
N/A	Right of Way
N/A	Guardrail

Signal Upgrade

	<p>US 158 (Reidsville Road) at I-74 EB Ramps</p>	
	<p>Division 9 Forsyth County Winston-Salem</p>	
	<p>PLAN DATE: April 2017</p>	<p>REVIEWED BY:</p>
	<p>PREPARED BY: I. O. Umozurike</p>	<p>REVIEWED BY:</p>
<p>750 N. Greenfield Pkwy, Garner, NC 27529</p>		<p>SCALE: 0 50 1" = 50'</p>
<p>REVISIONS</p>		<p>INIT. DATE</p>
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>		<p>SEAL</p> <p>ROBERT J. ZILMER ENGINEER 026486</p> <p>5/16/2017</p>

16-MAY-2017 14:04  
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