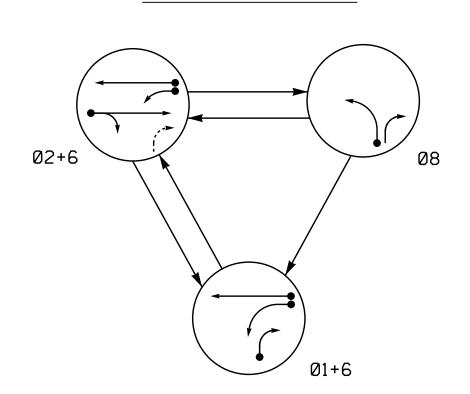
PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

UNSIGNALIZED MOVEMENT

UNDETECTED MOVEMENT (OVERLAP)

DETECTED MOVEMENT

← − − > PEDESTRIAN MOVEMENT

TABLE OF OPERATION						
	PHASE					
SIGNAL FACE	0 0 F 1 2 0 L + + 8 S 6 6 H					
11	+	F		- ¥		
21, 22	R	G	R	Υ		
61, 62	G	G	R	Υ		
81	R	R	G	R		
82	R/	R	G	R		

TABLE OF OPERATION						
		PHASE				
SIGNAL FACE	01+6	ØN+6	© &	11日のエ		
11	↓	╙╬	#	*		
21, 22	R	G	R	Y		
61,62	G	G	R	Y		
81	R	R	G	R		
82	R/	R	G	R		

SI	GNA	L FA	CE	Ι.	. <u>C</u>
	All	Heads	L.E.	. D.	
12'	,	R)		

21, 22	82	
61, 62		
81		

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
1 A	6X40	0	2-4-2		1	Υ	Υ	-	-	15	1	Υ
1 A	0040		2-4-2	_	6	Υ	Υ	Υ	-	3	ı	Υ
1B	6X40	0	2-4-2	Υ	1	Υ	Υ	-	-	15	ı	Υ
1C	6X15	0	3	Υ	1	Υ	Υ	_	_	15	ı	Υ
2A	6X6	300	4	Υ	2	Υ	Υ	-	-	_	1	Υ
6A	6X6	300	4	-	6	Υ	Υ	-	-	-	ı	Υ
88	6X40	0	2-4-2	Υ	8	Υ	Υ	-	_	3	-	Υ

3 Phase Fully Actuated (Isolated)

NOTES

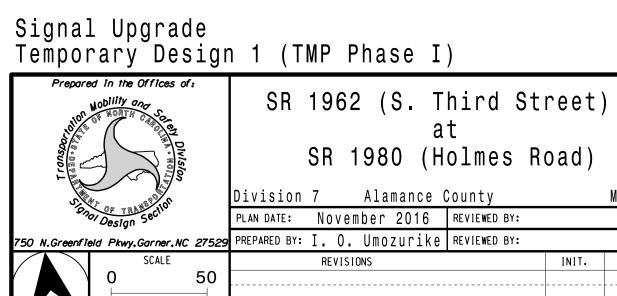
- 1. Refer to "Roadway Standard Drawings NCDOT" dated January 2012 and "Standard Specifications for Roads and Structures" dated January 2012.
- 2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- 3. Phase 1 may be lagged.
- 4. Set all detector units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

_____45 MPH 0% Grade <u>Sta. 22+97 -Y7- +/-</u> 59' RT +/-

OASIS	3 2070	TIMIN	G CHAR	Т		
	PHASE					
FEATURE	1	2	6	8		
Min Green 1 *	7	12	12	7		
Extension 1 *	2.0	6.0	6.0	2.0		
Max Green 1 *	15	90	90	25		
Yellow Clearance	3.0	4.5	4.5	3.0		
Red Clearance	2.4	1.6	1.6	2.3		
Red Revert	2.0	2.0	2.0	2.0		
Walk 1 *	-	-	-	-		
Don't Walk 1	-	-	-	ı		
Seconds Per Actuation *	-	2.5	2.5	ı		
Max Variable Initial *	-	34	34	ı		
Time Before Reduction *	-	15	15	ı		
Time To Reduce *	-	30	30	ı		
Minimum Gap	-	3.0	3.0	-		
Recall Mode	-	MIN RECALL	MIN RECALL	-		
Vehicle Call Memory	-	YELLOW	YELLOW	-		
Dual Entry	-	-	-	-		
Simultaneous Gap	ON	ON	ON	ON		

phases 2 and 6 lower than what is shown. Min Green for all other phases should not be

	LEGEND	
<u>PROPOSED</u>		EXISTING
\bigcirc	Traffic Signal Head	•
O	Modified Signal Head	N/A
\dashv	Sign	$\overline{}$
\downarrow	Pedestrian Signal Head With Push Button & Sign	•
\bigcirc	Signal Pole with Guy	•
	Signal Pole with Sidewalk Guy	,
	Inductive Loop Detector	$\subseteq = = \supset$
	Controller & Cabinet	×××
	Junction Box	
	- 2-in Underground Conduit	
N/A	Right of Way	
\longrightarrow	Directional Arrow	\longrightarrow
•	Construction Zone Drums	•
	Construction Zone	Ì



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED Mebane INIT. DATE

SIG. INVENTORY NO. 07-2132T1

* These values may be field adjusted. Do not adjust Min Green and Extension times for lower than 4 seconds.