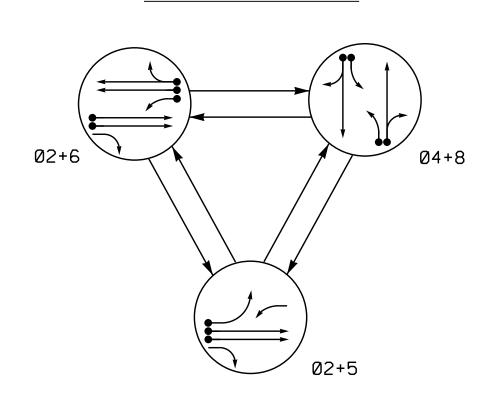
PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

DETECTED MOVEMENT

← − − > PEDESTRIAN MOVEMENT

UNSIGNALIZED MOVEMENT

UNDETECTED MOVEMENT (OVERLAP)

TABLE OF	OPE	ERA ⁻	TIO	N			
	PHASE						
SIGNAL FACE	®N+15	∞ N+6	04+8	止しなのエ			
21, 22, 23	G	G	R	Υ			
41, 42	R	R	G	R			
51	—	₽					
61	щ≻	щ≻	#	*			
62, 63	R	G	R	Υ			
81, 82	R	R	G	R			

OF.	OF OPERATION			
	PHASE			
AL E	Ø 2 + 5	Ø 2 + 6	Ø 4 + 8	FLASH
, 23	G	G	R	Υ
2	R	R	G	R
	-		≺R	 R-
	- F	Ŧ	-R	- Y
53	R	G	R	Υ
12			$\overline{}$	

OASIS 2070 LOOP & DETECTOR INSTALLATION CHA												
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)		NEW LOOP	PHASE	CALLING	EXTENSION	FULL TIME DELAY	STRETCH TIME	DELAY TIME	SYSTEM LOOP	NEW CARD
2A,2B	6X6	70	EXIST	-	2	Y	Y	ı	ı	1	ı	Y
2C, 2D	6X6	12	EXIST	-		DISCONNECT					ı	-
4A	6X60	+5	2-4-2	-	4	Υ	Y	-	-	3	-	Υ
4B	6X60	+5	2-4-2	-	4	Υ	Υ	-	-	10	-	Υ
5A	6X60	+5	2-4-2	-	5	Υ	Υ	-	-	3	-	Υ
6A,6B	6X6	70	EXIST	-	6	Y	Y	1	-	-	-	Υ
6C,6D	6X6	12	EXIST	-		DISCONNECT			-	-		
6E	6X60	+5	2-4-2	-	6	Υ	Υ	-	-	-	-	Υ
8.8	6X60	+5	2-4-2	-	8	Υ	Υ	-	-	3	-	Υ
8B	6X60	+5	2-4-2	-	8	Υ	Υ	-	-	10	-	Υ
S1	6X6	+230	EXIST	-	-	-	-	-	-	-	Υ	Υ
S2	6X6	+230	EXIST	-	-	-	-	-	-	-	Υ	Υ
S3	6X6	+190	EXIST	-	-	-	-	-	-	-	Υ	Υ
S4	6X6	+190	EXIST	-	-	-	-	_	-	_	Υ	Υ

	35 MPH 0% Grade	
	Disconnect Existing Loops	
SR 1300 (West Fairfield Road)	35 MPH -2% Grade	=
		<u> </u>
	- $ -$	_
	22 4	厂
35 MPH +1% Grade $+1$ % Grade $+1$ % Grade	$= \frac{1}{1} = \frac{1}{1} $	
Disconnect———————————————————————————————————	TIE TIE	
	Grade Grade	

Bowling Center

	3	Phase	
	Fully	Actuat	ed
(High	Point	Signal	System)

NOTES

PROJECT REFERENCE NO.

C-5558

SHEET NO.

Sig. 107.0

- 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 5 may be lagged.
- 4. Disconnect existing loops 2C, 2D, 6C, and 6D.
- 5. Set all detector units to presence mode.
- 6. 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.
- 7. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- 8. Existing lane control signs may be removed at the direction of the Engineer.
- 9. Pavement markings are existing.
- 10. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.

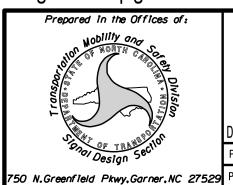
LEGEND

PROPOSED)	EXISTING
\bigcirc	Traffic Signal Head	
O ->	Modified Signal Head	N/A
\dashv	Sign	\dashv
\downarrow	Pedestrian Signal Head With Push Button & Sign	•
$\bigcirc \hspace{-1em} \longrightarrow \hspace{-1em})$	Signal Pole with Guy	
	Signal Pole with Sidewalk Guy	
	Inductive Loop Detector	$\subset = = \supset$
	Controller & Cabinet	K×3
	Junction Box	
	2-in Underground Conduit	
N/A	Right of Way	
\longrightarrow	Directional Arrow	\longrightarrow
$\langle A \rangle$	Left Arrow "ONLY" Sign (R3-5L)) <u>(</u>)
B	Combined Through and Right Arrow Sign (R3-6R)	lacksquare

OASTS 2070 TIMING CHART								
OASIS 2070 TIMING CHART PHASE								
FEATURE	2	4	5	6	8			
Min Green 1 *	10	7	7	10	7			
Extension 1 *	3.0	1.0	1.0	3.0	1.0			
Max Green 1 *	45	25	15	45	25			
Yellow Clearance	4.0	3.8	3.0	4.0	3 . 5			
Red Clearance	1.7	1.8	2.1	1.7	1.8			
Walk 1 *	-	-	-	-	-			
Don't Walk 1	-	=	-	-	-			
Seconds Per Actuation *	-	-	-	-	-			
Max Variable Initial *	-	-	-	-	-			
Time Before Reduction *	-	-	-	-	-			
Time To Reduce *	-	-	-	-	-			
Minimum Gap	-	-	-	-	-			
Recall Mode **	SOFT RECALL	=	-	SOFT 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.
- ** May be changed to Min Recall by Time of Day at discretion of City Traffic Engineer

Signal Upgrade



SR 1300 (West Fairfield Road) Plaza Lane

Division 7 Guilford County High Point

PLAN DATE: September 2014 | PREPARED BY: Jeff Spence 750 N.Greenfield Pkwy.Garner.NC 27529 PREPARED BY: R.N. Zinser REVIEWED BY: REVISIONS INIT. DATE