PHASING DIAGRAM

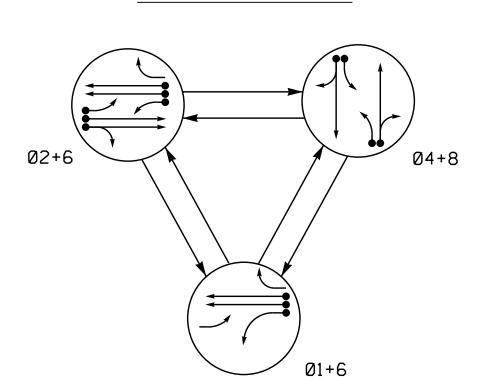
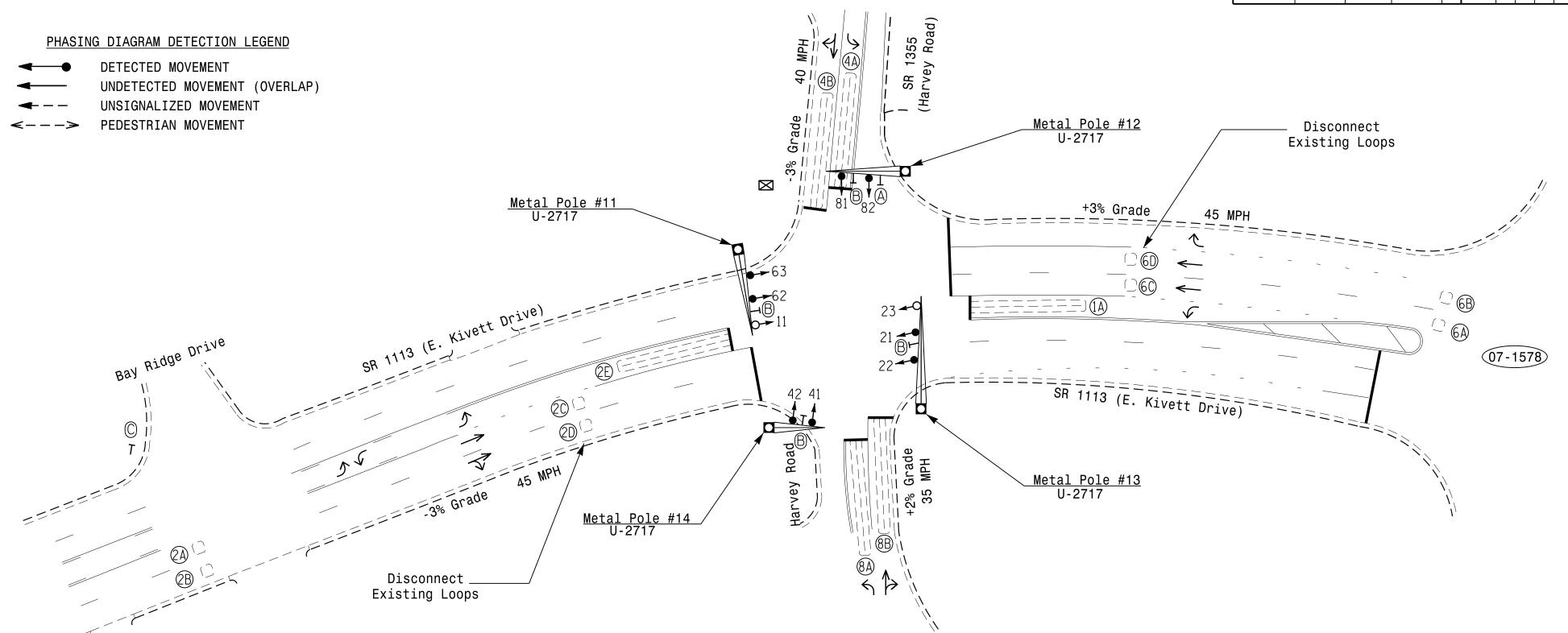


		TABLE OF OPERATION						
PHASE								
Ø1+6	∞ N+6	04+8	止しせのエ					
—	F∳	₩	- \					
R	G	R	Υ					
F	F\	√ R	- \					
R	R	G	R					
G	G	R	Y					
R	R	G	R					
	→ R F R G	01+66 G R G F R G G	0 0 4 4 + 8 6 6 8 R G R R G R R R G G R					

<u>SIGNA</u>	L FACE I	.D.
AII	Heads L.E.D.	
12"	12" 23	R Y 12" 21, 22 41, 42 62, 63 81, 82

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 Λ	6X60	0	2-4-2	_	1	Υ	Υ	ı	-	15	-	Υ				
IA	1A 6X60	6860	6,000			2-4-2	0 2-4-2		6	Υ	Υ	Υ	-	3	-	Υ
2A,2B	6X6	300	EXIST	-	2	Υ	Υ	-	=	-	-	Υ				
2C, 2D	6X6	90	EXIST	-	DISCONNECT					-						
2E	6X60	0	2-4-2	-	2	Υ	Υ	Υ	-	3	-	Υ				
4A	6X60	0	2-4-2	-	4	Υ	Υ	-	-	3	-	Υ				
4B	6X60	0	2-4-2	-	4	Υ	Υ	-	-	10	-	Υ				
6A,6B	6X6	250	EXIST	-	6	Υ	Υ	-	-	-	-	Υ				
6C,6D	6X6	90	EXIST	_	DISCONNECT -				-							
8A	6X60	0	2-4-2	_	8	Υ	Υ	-	-	3	-	Υ				
8B	6X60	0	2-4-2	-	8	Υ	Υ	-	-	-	-	Υ				



OASIS 2070 TIMING CHART						
		PHASE				
FEATURE	1	2	4	6	8	
Min Green 1 *	7	12	7	12	7	
Extension 1 *	1.0	6.0	1.0	6.0	1.0	
Max Green 1 *	15	90	25	90	25	
Yellow Clearance	3.0	4.8	4.4	4.8	4.2	
Red Clearance	2.9	1.6	1.8	1.6	2.1	
Red Revert	2.0	2.0	2.0	2.0	2.0	
Walk 1 *	-	-	-	-	-	
Don't Walk 1	-	-	-	-	-	
Seconds Per Actuation *	-	1 . 5	-	1 . 5	-	
Max Variable Initial*	-	34	-	29	-	
Time Before Reduction *	-	15	-	15	-	
Time To Reduce *	-	30	-	30	-	
Minimum Gap	-	3.0	-	3.0	-	
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.

	LEGEND	
<u>PROPOSED</u>		EXISTING
\bigcirc	Traffic Signal Head	•
O	Modified Signal Head	N/A
\dashv	Sign	\dashv
↓	Pedestrian Signal Head With Push Button & Sign	•
<u> </u>	Signal Pole with Guy	•
Siç	gnal Pole with Sidewalk Gu	ıy •
	Inductive Loop Detector	
	Controller & Cabinet	~_X X
	Junction Box	
	2-in Underground Conduit	
N/A	Right of Way	
\longrightarrow	Directional Arrow	\longrightarrow
0	Metal Pole with Mastarm	
⟨∆⟩ "NO	TURN ON RED" Sign (R10-1	1) 🛆
B	Street Name Sign (D3-1)	B
$\langle \overline{\mathbb{C}} \rangle$	"STOP" Sign (R1-1)	(C)

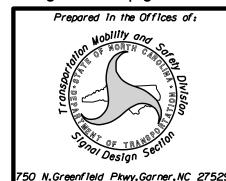
3 Phase Fully Actuated (High Point Signal System)

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.
- 3. Phase 1 may be lagged.
- 4. Reposition existing signal heads numbered 21 and 22.
- 5. Disconnect existing loops 2C, 2D, 6C, and 6D.
- 6. Set all detector units to presence mode.
- 7. 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.
- 8. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- 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.

N/A Right of N/A Right of Directional Metal Pole with NO TURN ON RED" Si Street Name Sig "STOP" Sign

Signal Upgrade



SR 1113 (E. Kivett Drive) at SR 1355 (Harvey Road)

	Division 7	Guilford C	ounty	, High	n Point
On OF TRANSCITION	PLAN DATE:	June 2014	PREPARED BY: F	R.N. Zi	nser
50 N.Greenfield Pkwy.Garner.NC 27529	PREPARED BY:	L. Blount	REVIEWED BY:		
SCALE	F	REVISIONS		INIT.	DATE

SEAL

OF ES SION

SEAL

026486

Docusigned by:

189848667N4A343RE

SIG. INVENTORY NO. 07-1283