

* 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

– SEC.

2 **.** () sec.

– SEC.

3 **.** () sec.

– SEC. 2 **.** 0 **SEC**.

– SEC.

- SEC. 3.0 SEC.

– SEC.

REDUCE 0.1 SEC EVERY *

MINIMUM GAP

E OF 0	PER	AT I	ON						
	PHASE								
GNAL ACE	Ø 2 + 6	Ø 4 + 8	E V B	FLASH					
11	- F Y	≺R	4	╶┼					
21	F	≺R	F↓≻	- ¥					
2,23	G	R	R	Y					
1,42	R	G	R	R					
1,62	G	R	G	Y					
1,82	R	G	R	R					
1,P22	W	DW	DW	DRK					
1,P42	DW	W	DW	DRK					
1,P82	DW	W	DW	DRK					

INDUCTIVE LOOPS					DETECTOR PROGRAMMING																
										ATTRIBUTES						PS	STA	TUS			
						TIMING		1	2	3	4	5	6	7	8	LOOPS		0			
LOOP NO.	SIZE (ft)	TURNS	DIST. FROM STOPBAR (ft)	NEW	EXISTING	NEMA PHASE	DELAY		DELAY CARRY (STRETCH)		FULL TIME DELAY	PEDESTRIAN CALL	RESERVED	COUNT	EXTENSION	TYPE 3	CALLING	ALTERNATE	SYSTEM I	NEW	EXISTING
2A	6×6	*	70	-	*	2	-	SEC.	-	SEC.	-	-	-	-	Х	-	Х	-	-	-	*
2B	6×40	*	0	-	*	2	-	SEC.	-	SEC.	-	-	-	-	Х	-	Х	-	-	-	*
4 A	6×40	*	0	*	-	4	10	SEC.	-	SEC.	-	-	-	I	Х	-	Х	-	-	-	*
6A	6×6	*	70	-	*	6	-	SEC.	-	SEC.	-	-	-		Х	-	Х	-	-	-	*
6B	6×40	*	0	-	*	6	-	SEC.	-	SEC.	-	-	-		Х	-	Х	-	-	-	*
8 A	6×40	*	0	-	*	8	10	SEC.	-	SEC.	-	-	-	-	Х	-	Х	-	-	-	*
PEDESTRIAN DETECTION																					
P21,P22	N/A	N/A	N/A	-	Х	2	-	SEC.	-	SEC.	-	Х	-	-	-	-	-	-	-	-	X
P41,P42	N/A	N/A	N/A	-	Х	4	-	SEC.	-	SEC.	-	Х	-	-	_	-	-	-	-	-	Х
P81,P82	N/A	N/A	N/A	Х	-	8	_	SEC.	-	SEC.	-	Х	-	-	_	-	-	-	-	Х	-
Videa Datastian Zana																					



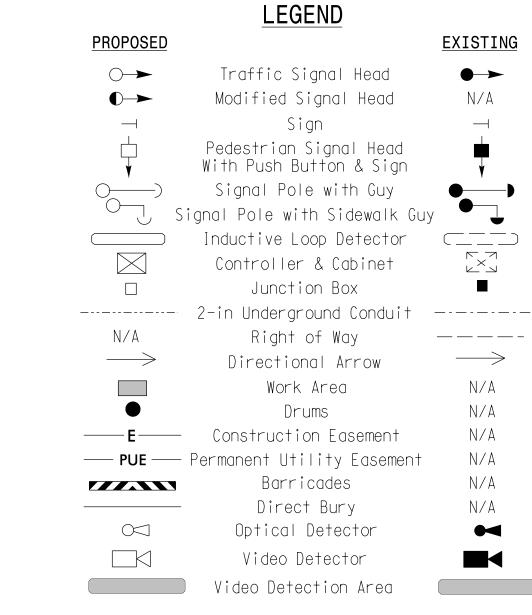


U-3308	Sig. 29.0
PROJECT REFERENCE NO.	SHEET NO.

2 Phase Fully Actuated W/ EV Preemption (Durham Signal System)

NOTES

- 1. Refer to "Road Standard Drawings NCDOT" dated January 2012, "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. Set all detector units to presence mode.
- 4. Program all timing information into phase banks 1,2, and 3 unless otherwise noted.
- 5. Set phase bank 3 maximum limit to 250 seconds for phases used.
- 6. Omit "WALK" and flashing "DON'T WALK" with no pedestrian calls.
- 7. Program pedestrian heads to countdown the flashing "Don't Walk" time.
- 8. This intersection features an optical preemption system. Shown locations of optical detectors are conceptual only.
- 9. Upon completion of Emergency Vehicle Preemption, controller returns to normal operation.
- 10. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
- 11. Reconnect and unbag signal heads #21, #41 and #42 and pedestrian heads #P41 and #P42 during this phase of construction
- 12. Contractor shall adjust video detection zones as required.



gnal Upgrade –	- Temporary Desi	gn 8 (TMP	Phase	2, Steps	7 - 12)
Prepared for the Offices of:	NC 55 (North A a	t	nue)	SEAL	NR 0////////////////////////////////////
Section Section	TaylorDivision 5Durham ColPLAN DATE:September 2014	unty	Durham hanadel	2843 2843 1111 1111 1111 1111 1111 1111 1111 1	
Greenfield Pkwy,Garner,NC 27529	PREPARED BY: C Lawson REVISIONS	REVIEWED BY:	T. DATE	DocuSigned by:)CH,,
0 40				50781D2BE98C498 SIG. INVENTORY NO.	<u>4/02/15</u>