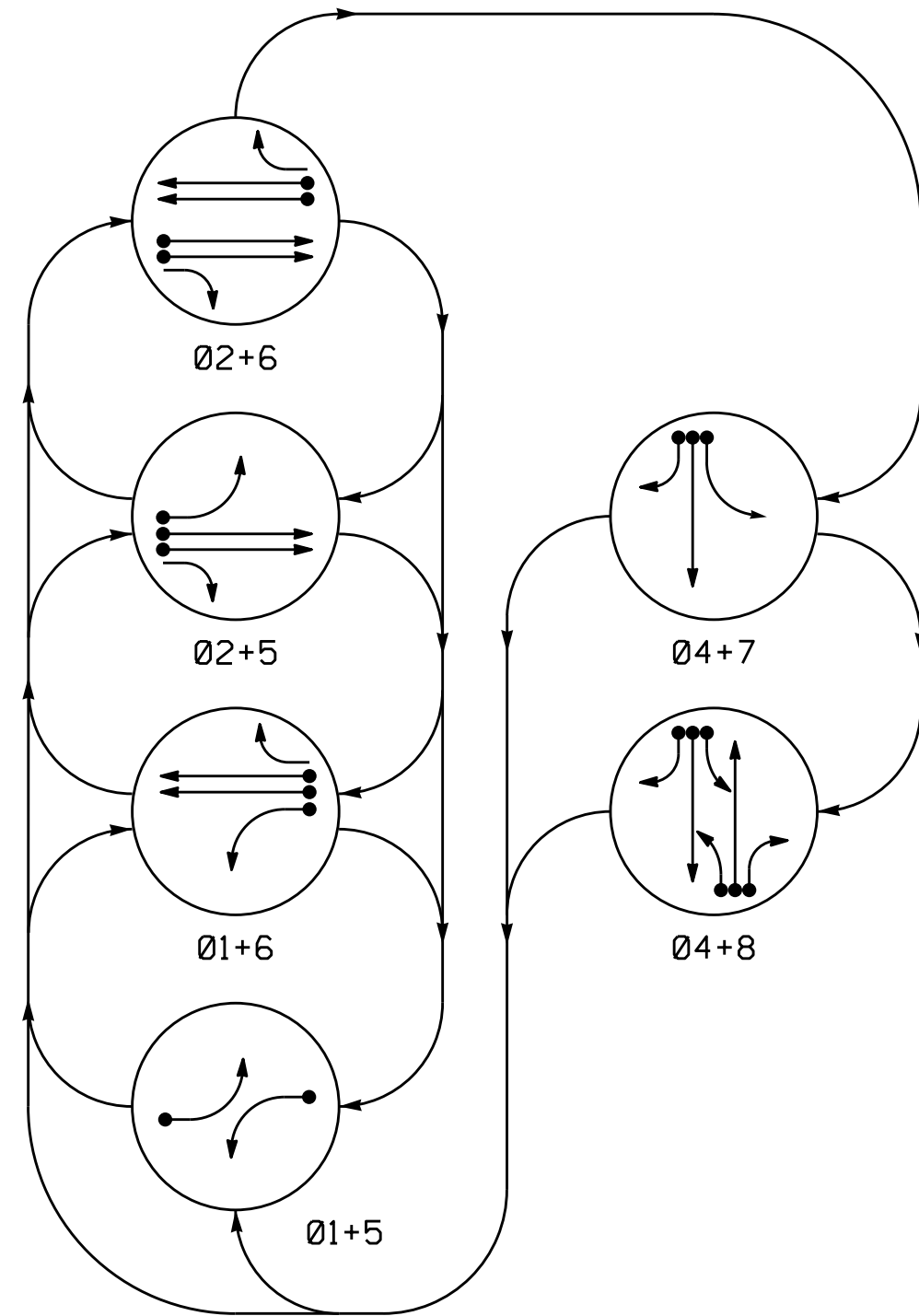


PHASING DIAGRAM

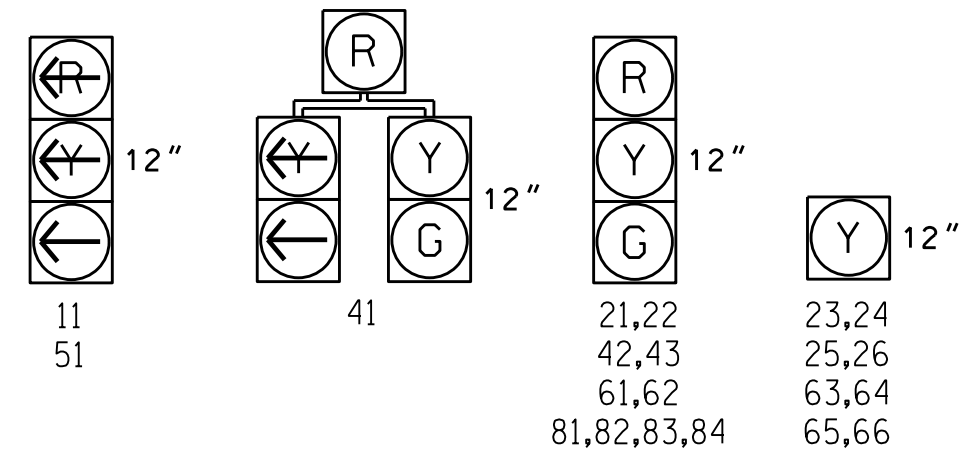


SIGNAL FACE	PHASE						
	01+5	01+6	02+5	02+6	04+7	04+8	PEDESTRIAN
11	←	←	←	←	←	←	←
21,22	R	R	G	G	R	R	Y
41	R	R	R	R	G	G	R
42,43	R	R	R	R	G	G	R
51	←	←	←	←	←	←	←
61,62	R	G	R	G	R	R	Y
81,82,83,84	R	R	R	R	R	G	R

SIGNAL FACE	INTERVAL	
	1	2
23,25	ON	OFF
24,26	OFF	ON
63,65	ON	OFF
64,66	OFF	ON

SIGNAL FACE I.D.

All Heads L.E.D.

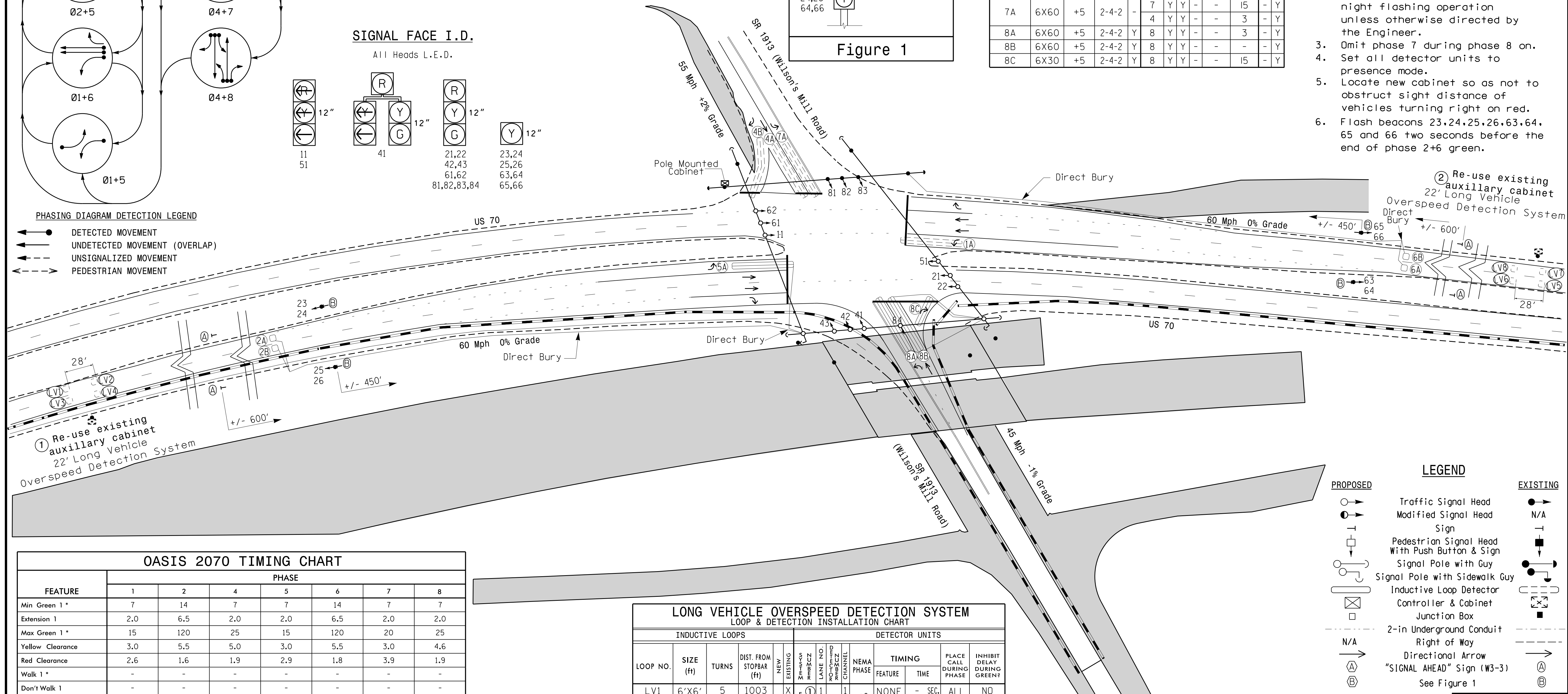
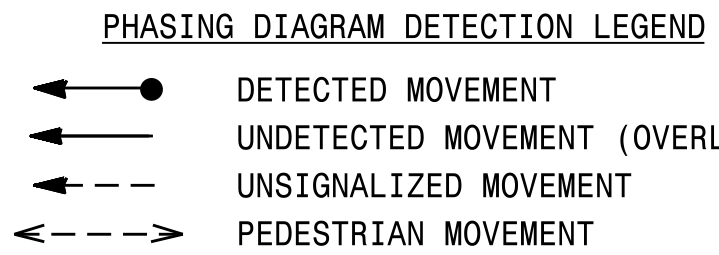
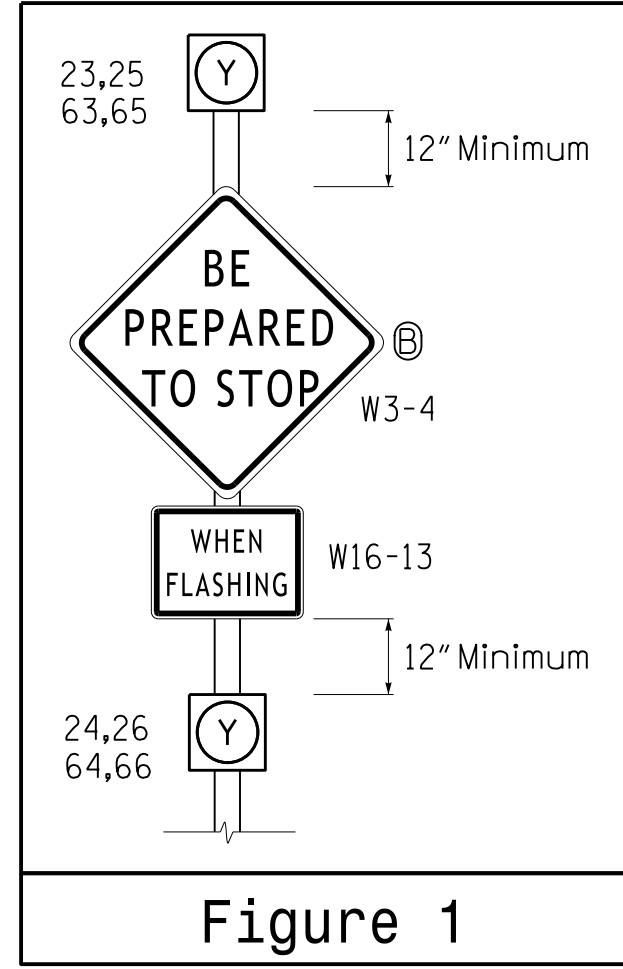


LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	DETECTOR PROGRAMMING						
					PHASE	CALLING	EXTENSION	STRETCH TIME	DELAY TIME	SYSTEM LOOP	
1A	6X60	+5	2-4-2	-	1	Y	Y	-	-	-	Y
2A	6X6	500	5	Y	2	Y	Y	-	-	-	Y
2B	6X6	500	5	Y	2	Y	Y	-	-	-	Y
4A	6X60	+5	2-4-2	-	4	Y	Y	-	-	-	Y
4B	6X60	+5	2-4-2	-	4	Y	Y	-	-	-	Y
5A	6X60	+5	2-4-2	Y	5	Y	Y	-	-	-	Y
6A	6X6	500	5	Y	6	Y	Y	-	-	-	Y
6B	6X6	500	5	Y	6	Y	Y	-	-	-	Y
7A	6X60	+5	2-4-2	-	7	Y	Y	-	-	-	Y
8A	6X60	+5	2-4-2	Y	8	Y	Y	-	-	-	Y
8B	6X60	+5	2-4-2	Y	8	Y	Y	-	-	-	Y
8C	6X30	+5	2-4-2	Y	8	Y	Y	-	-	-	Y

6 Phase Full Actuated Isolated

NOTES

- Refer to "Roadway Standard Drawings NCDOT" dated January 2018 and "Standard Specifications for Roads and Structures" dated January 2018.
- Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- Omit phase 7 during phase 8 on.
- Set all detector units to presence mode.
- Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- Flash beacons 23,24,25,26,63,64, 65 and 66 two seconds before the end of phase 2+6 green.



OASIS 2070 TIMING CHART

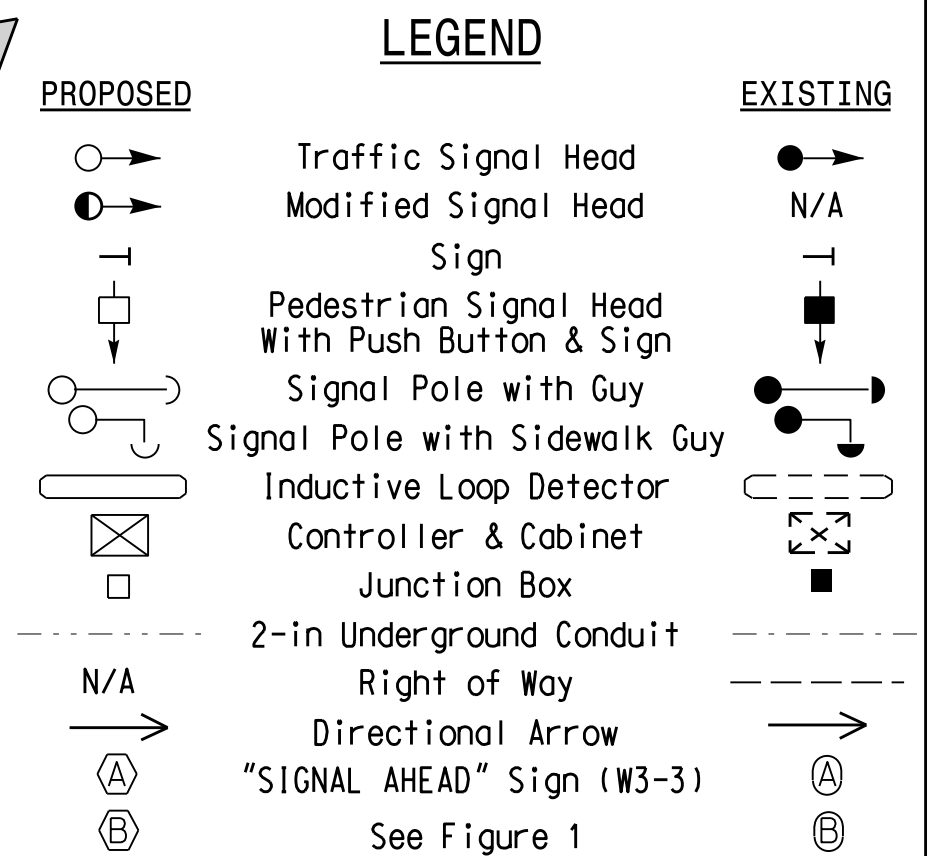
FEATURE	PHASE						
	1	2	4	5	6	7	8
Min Green 1 *	7	14	7	7	14	7	7
Extension 1	2.0	6.5	2.0	2.0	6.5	2.0	2.0
Max Green 1 *	15	120	25	15	120	20	25
Yellow Clearance	3.0	5.5	5.0	3.0	5.5	3.0	4.6
Red Clearance	2.6	1.6	1.9	2.9	1.8	3.9	1.9
Walk 1 *	-	-	-	-	-	-	-
Don't Walk 1	-	-	-	-	-	-	-
Seconds Per Actuation *	-	1.5	-	-	1.5	-	-
Max Variable Initial *	-	54	-	-	54	-	-
Time Before Reduction *	-	15	-	-	15	-	-
Time To Reduce *	-	50	-	-	50	-	-
Minimum Gap	-	3.5	-	-	3.5	-	-
Recall Mode	-	MIN RECALL	-	-	MIN RECALL	-	-
Vehicle Call Memory	-	YELLOW	-	-	YELLOW	-	-
Dual Entry	-	-	ON	-	-	-	ON
Simultaneous Gap	ON	ON	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.

LONG VEHICLE OVERSPEED DETECTION SYSTEM LOOP & DETECTION INSTALLATION CHART

LOOP NO.	SIZE (ft)	TURNS	DIST. FROM STOPBAR (ft)	NEW	EXISTING	INDUCTIVE LOOP CHANNEL	DETECTOR UNITS	TIMING		PLACE CALL DURING PHASE	INHIBIT DELAY DURING GREEN?
								FEATURE	TIME		
LV1	6'X6'	5	1003	X	X	①	1	NONE	- SEC.	ALL	NO
LV2	6'X6'	5	975	X	X	①	1	NONE	- SEC.	ALL	NO
LV3	6'X6'	5	1003	X	X	②	2	NONE	- SEC.	ALL	NO
LV4	6'X6'	5	975	X	X	②	2	NONE	- SEC.	ALL	NO
LV5	6'X6'	5	1003	X	X	①	1	NONE	- SEC.	ALL	NO
LV6	6'X6'	5	975	X	X	①	1	NONE	- SEC.	ALL	NO
LV7	6'X6'	5	1003	X	X	②	2	NONE	- SEC.	ALL	NO
LV8	6'X6'	5	975	X	X	②	2	NONE	- SEC.	ALL	NO
LVODS THRESHOLD SPEED (MPH)								2			
LVODS EXTEND TIME								2			

*Phase hold output to controller



Temporary Signal - Phase 2

750 N. Greenfield Pkwy, Garner, NC 27529

Prepared in the Offices of:

 Zachary M. Little, Professional Engineer

US 70 at SR 1913 (Wilson's Mills Road)
 Division 4 Johnston County W of Selma
 PLAN DATE: June 2019 REVIEWED BY: ZML
 PREPARED BY: Jeff Spence REVIEWED BY:

REVISIONS: INIT. DATE

DocuSign by: 6/19/2019
 0021E004E341F DATE
 SIG. INVENTORY NO. 04-1029T

24-JUN-2019 09:45 R:\Projects\0404-1029\temp\041029T1_sig.dgn, 20190619 11:11:00