

PHASING DIAGRAM

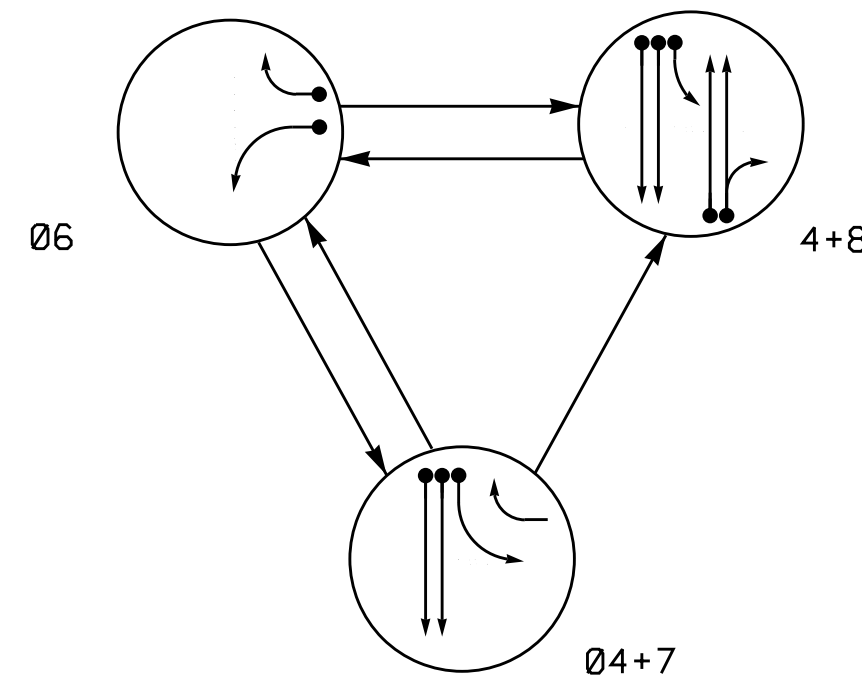
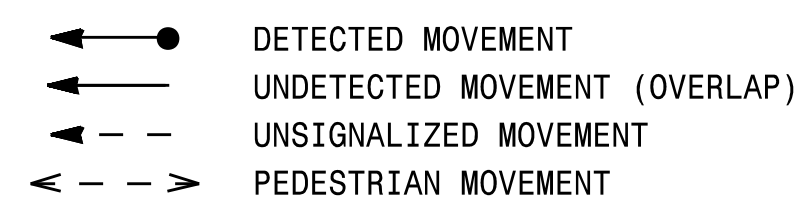


TABLE OF OPERATION

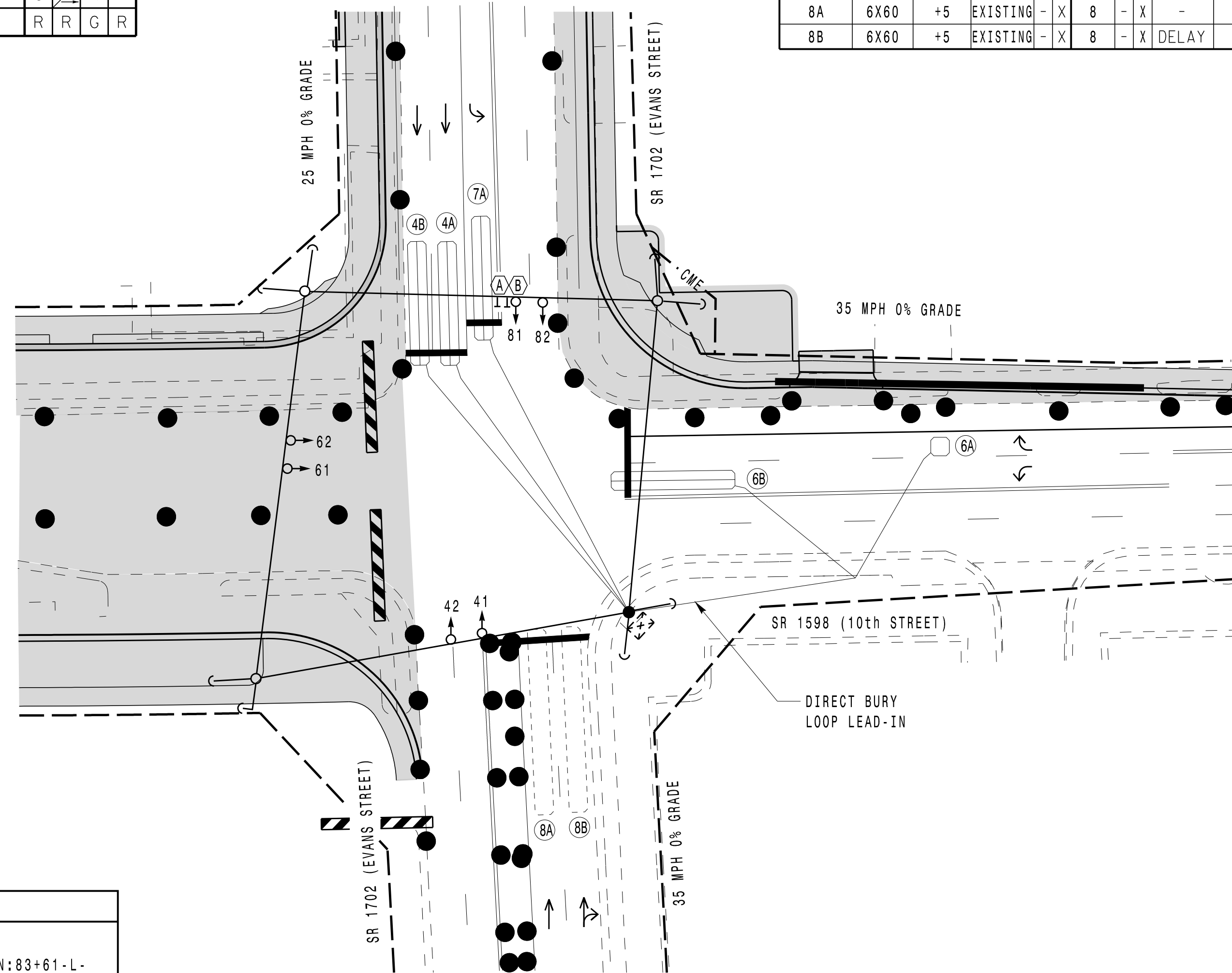
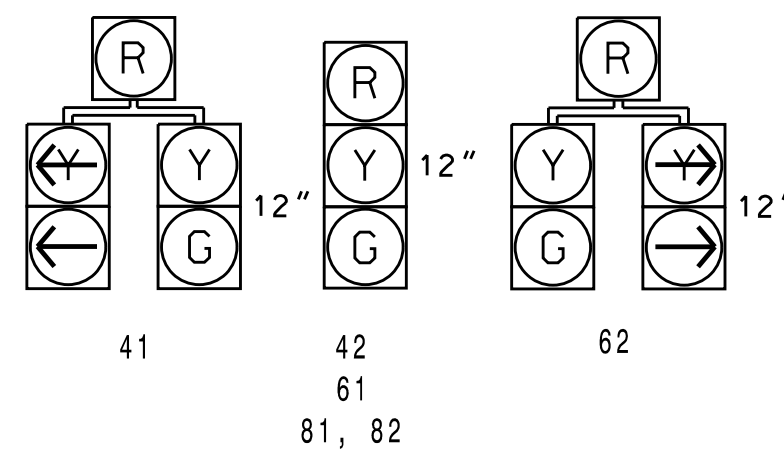
SIGNAL FACE	PHASE			
	06	04+7	04+8	FL
41	R	G	G	R
42	R	G	G	R
61	G	R	R	Y
62	G	R	R	Y
81, 82	R	R	G	R

PHASING DIAGRAM DETECTION LEGEND



SIGNAL FACE I.D.

All Heads L.E.D.



NEMA LOOP & DETECTOR INSTALLATION CHART with TS-2 CABINET

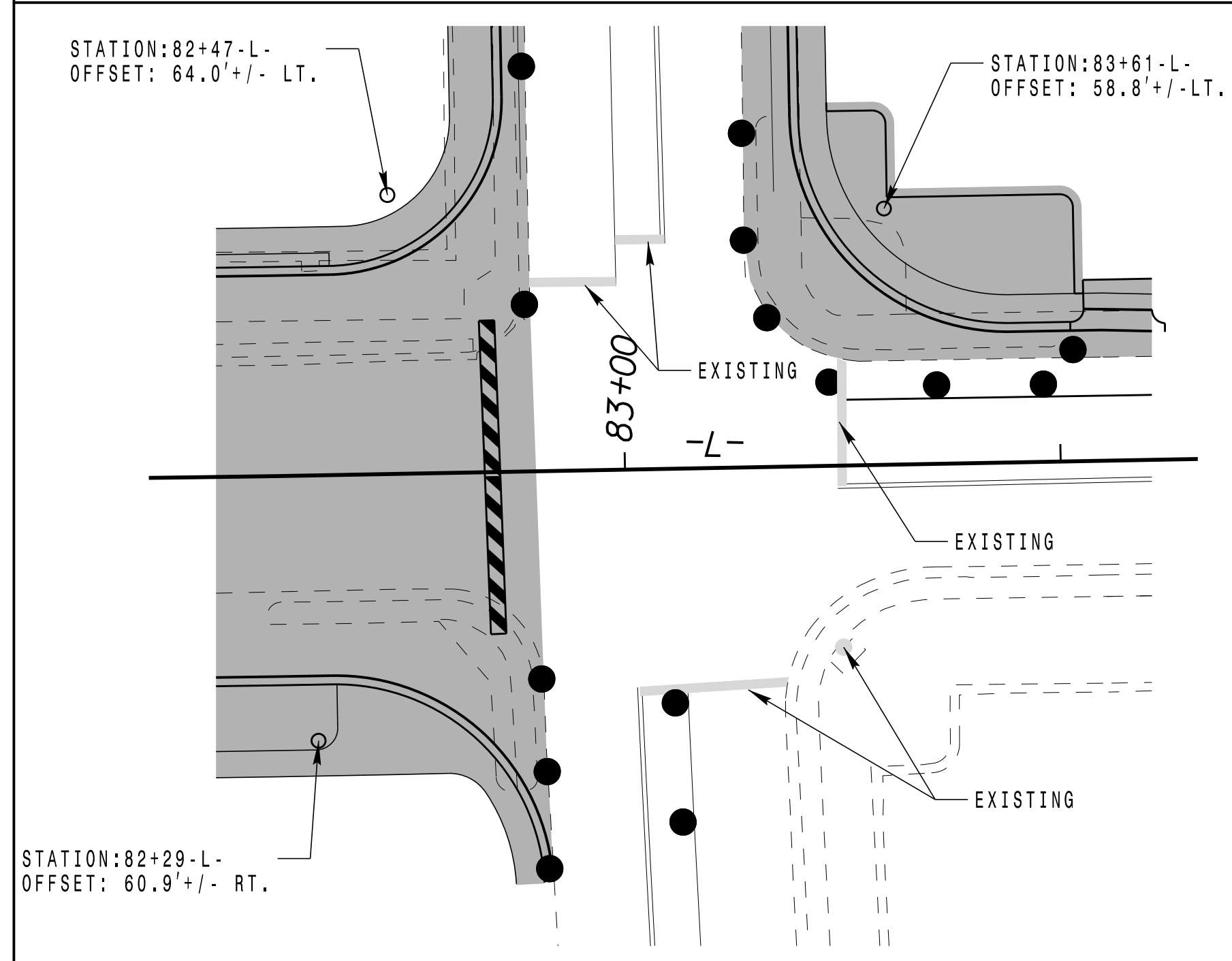
LOOP NO.	SIZE (ft)	DIST. FROM STOPBAR (ft)	TURNS	NEW EXISTING	DETECTOR UNITS				INHIBIT DELAY DURING GREEN#		
					NEMA PHASE	NEW EXISTING	TIMING FEATURE	TIME			
4A	6X40	+5	2-4-2	X	-	4	-	X	-	-	NO
4B	6X40	+5	2-4-2	X	-	4	-	X	-	-	NO
6A	6X6	70	4	X	-	6	-	X	-	-	NO
6B	6X40	+5	2-4-2	X	-	6	-	X	-	-	NO
7A	6X40	+5	2-4-2	X	-	7	-	X	DELAY	15	YES
8A	6X60	+5	EXISTING	-	X	8	-	X	-	-	NO
8B	6X60	+5	EXISTING	-	X	8	-	X	DELAY	10	YES

3 PHASE FULLY ACTUATED (GREENVILLE CITY 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.
- Phase 7 may be lagged.
- Program phase 4 and phase 8 for dual entry.
- Pavement markings are existing.
- Set all detector units to presence mode.
- Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values shall supersede these values.
- Intersection Zone Number: 3 System Address Number: 23

STOP LINE AND POLE LOCATION DAIGRAM

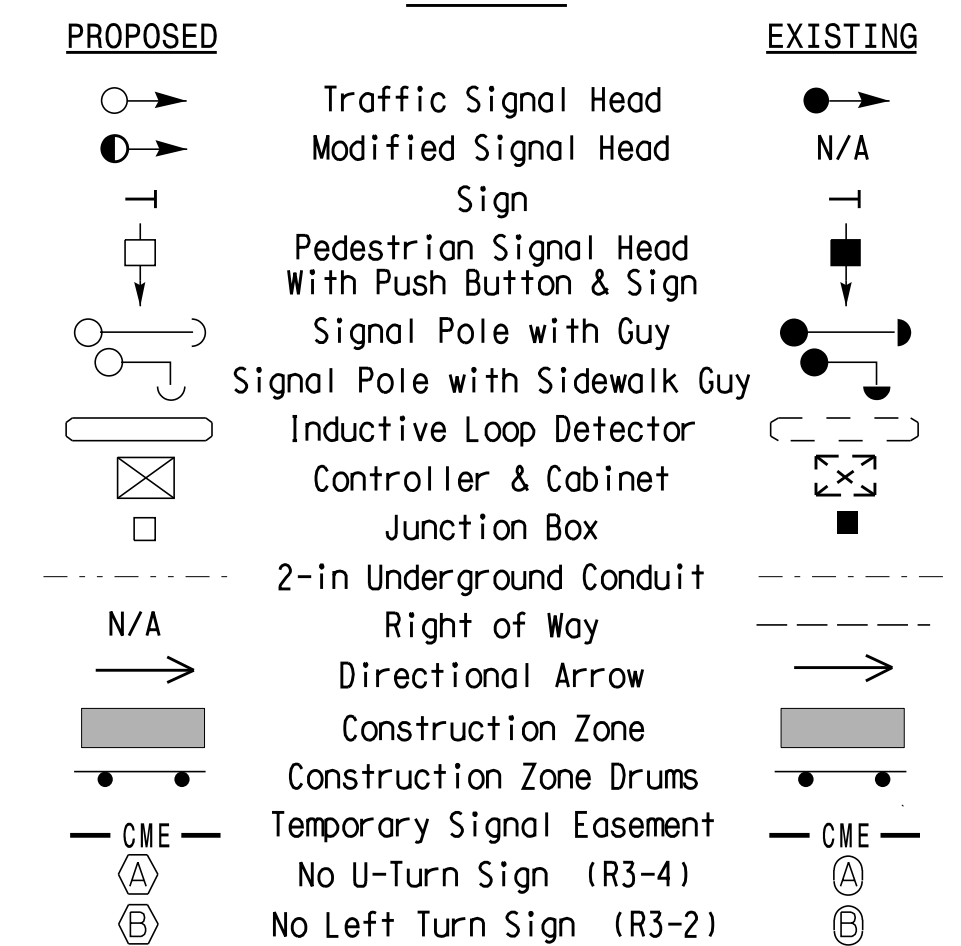


NEMA TIMING CHART

FEATURE	PHASE			
	04	06	07	08
MINIMUM GREEN *	7 SEC.	10 SEC.	7 SEC.	7 SEC.
PASSAGE GAP *	2.0 SEC.	3.0 SEC.	2.0 SEC.	1.0 SEC.
YELLOW CHANGE INT.	3.2 SEC.	3.0 SEC.	3.0 SEC.	3.8 SEC.
RED CLEARANCE	2.2 SEC.	2.1 SEC.	2.4 SEC.	1.5 SEC.
MAXIMUM 1 *	45 SEC.	60 SEC.	20 SEC.	45 SEC.
RECALL POSITION	NONE	MIN. RECALL	NONE	NONE
VEHICLE CALL MEMORY	NONLOCK	LOCK	NONLOCK	NONLOCK
WALK *	- SEC.	- SEC.	- SEC.	- SEC.
FLASHING DON'T WALK	- SEC.	- SEC.	- SEC.	- SEC.
VOLUME DENSITY	OFF	OFF	OFF	OFF
ACTUATION B4 ADD *	- VEH.	- VEH.	- VEH.	- VEH.
SEC. PER ACTUATION *	- SEC.	- SEC.	- SEC.	- SEC.
MAX. INITIAL *	- SEC.	- SEC.	- SEC.	- SEC.
TIME B4 REDUCTION *	- SEC.	- SEC.	- SEC.	- SEC.
TIME TO REDUCE *	- SEC.	- SEC.	- SEC.	- SEC.
MINIMUM GAP	- SEC.	- SEC.	- SEC.	- SEC.

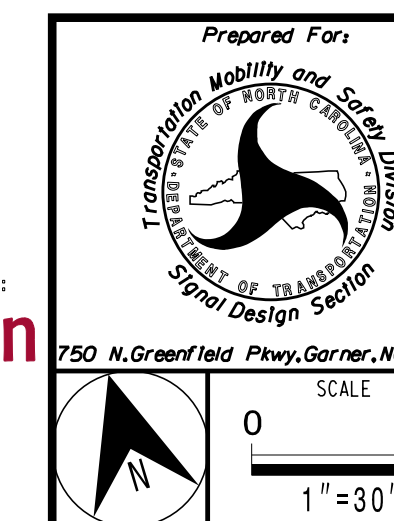
* These values may be field adjusted. Do not adjust Min Green and Extension times for phase 6 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.

LEGEND



TEMPORARY DESIGN 1 - TMP PHASE 1

PLANS PREPARED IN THE OFFICE OF:
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SR 1598 (10th STREET) AT SR 1702 (EVANS STREET)		SEAL NORTH CAROLINA PROFESSIONAL ENGINEER STACIE L. PHILLIPS 032607	
DIVISION 2	PITT COUNTY	GREENVILLE	
PLAN DATE: JUNE 2014	REVIEWED BY: SL PHILLIPS		
PREPARED BY: SP PENNINGTON	REVIEWED BY:		
REVISIONS	INIT.	DATE	
DocuSigned by: Stacie Phillips		9/2/2014	
SIGNATURE		DATE	
SIG. INVENTORY NO. 02-0016T1			

8/29/2014 10:56:54 AM susan.pennington K:\RAL_Roadway\01036175 U-3315\Traffic\Signal\44 - Signal Design\5-02-0016 Evans\5.1 020016-140829T1.dgn