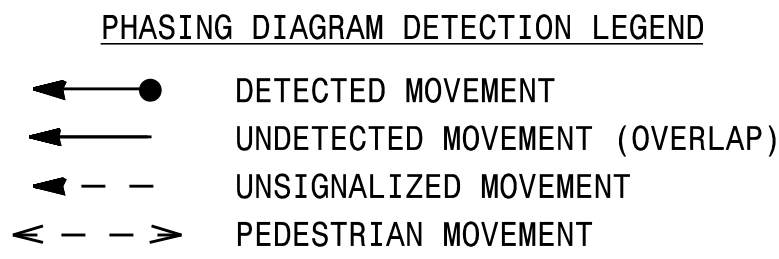
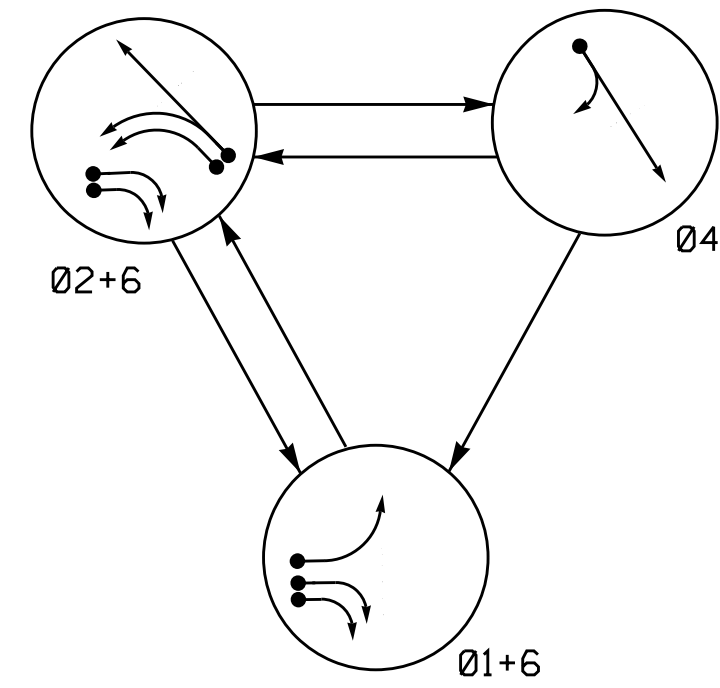
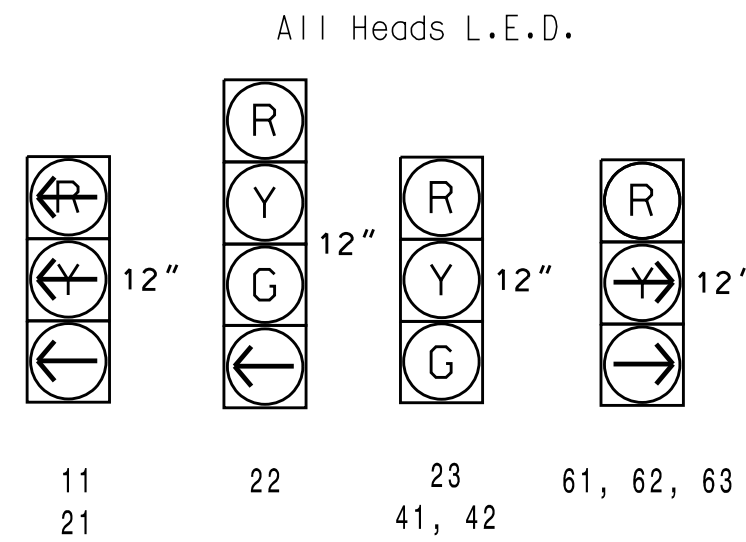


PHASING DIAGRAM



SIGNAL FACE I.D.



SIGNAL FACE	PHASE			
	Ø1+6	Ø2+6	Ø4	FLASH
11	→	→	→	→
21	→	→	→	→
22	R	G	R	Y
23	R	G	R	Y
41, 42	R	R	G	R
61, 62, 63	→	→	R	Y

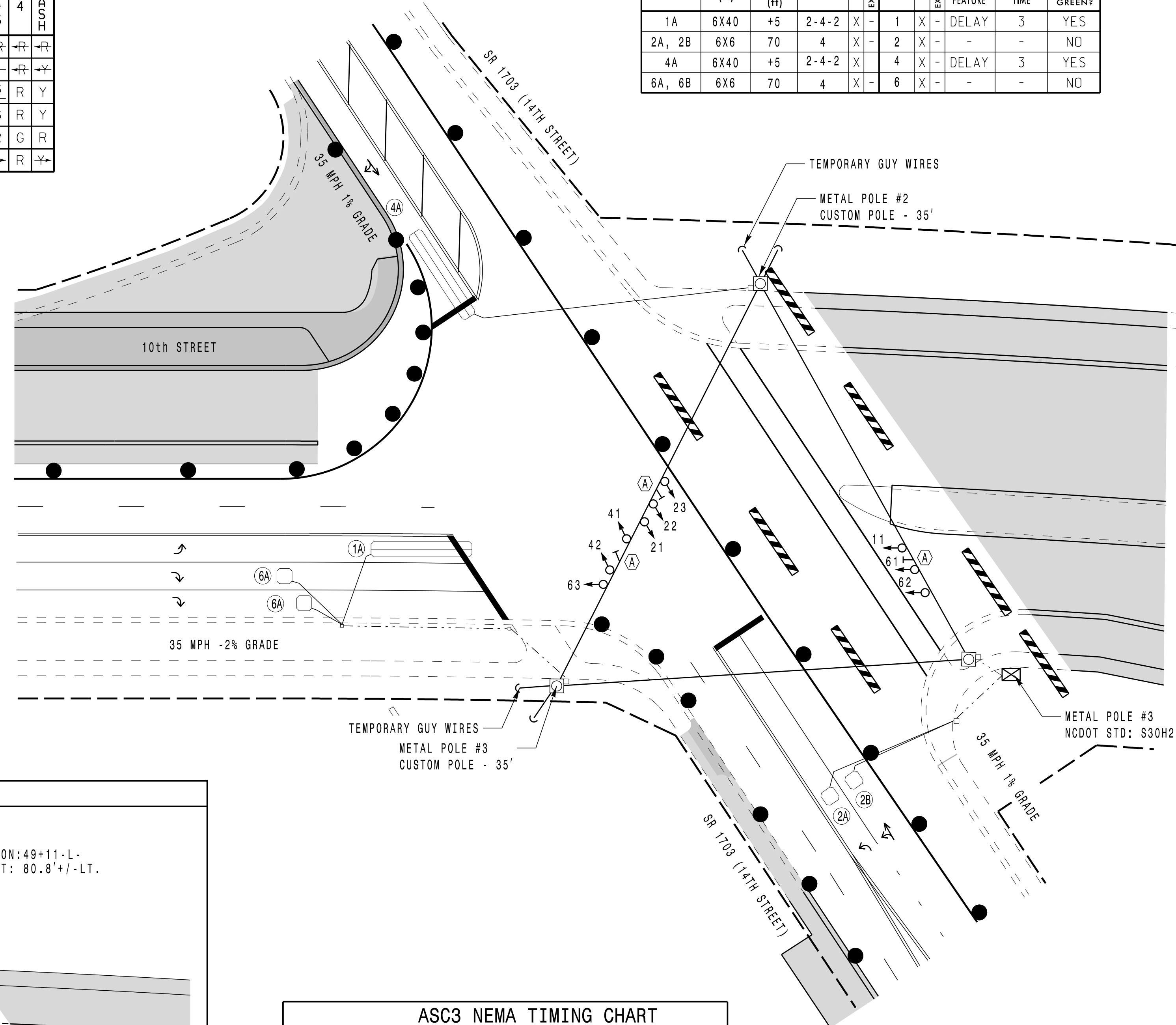
NEMA LOOP & DETECTOR INSTALLATION CHART with TS-2 CABINET

LOOP NO.	SIZE (ft)	DIST. FROM STOPBAR (ft)	TURNS	NEW EXISTING	DETECTOR UNITS						
					NEMA PHASE	NEW EXISTING	TIMING FEATURE	TIME	INHIBIT DELAY DURING GREEN?		
1A	6X40	+5	2-4-2	X	-	1	X	-	DELAY	3	YES
2A, 2B	6X6	70	4	X	-	2	X	-	-	-	NO
4A	6X40	+5	2-4-2	X	-	4	X	-	DELAY	3	YES
6A, 6B	6X6	70	4	X	-	6	X	-	-	-	NO

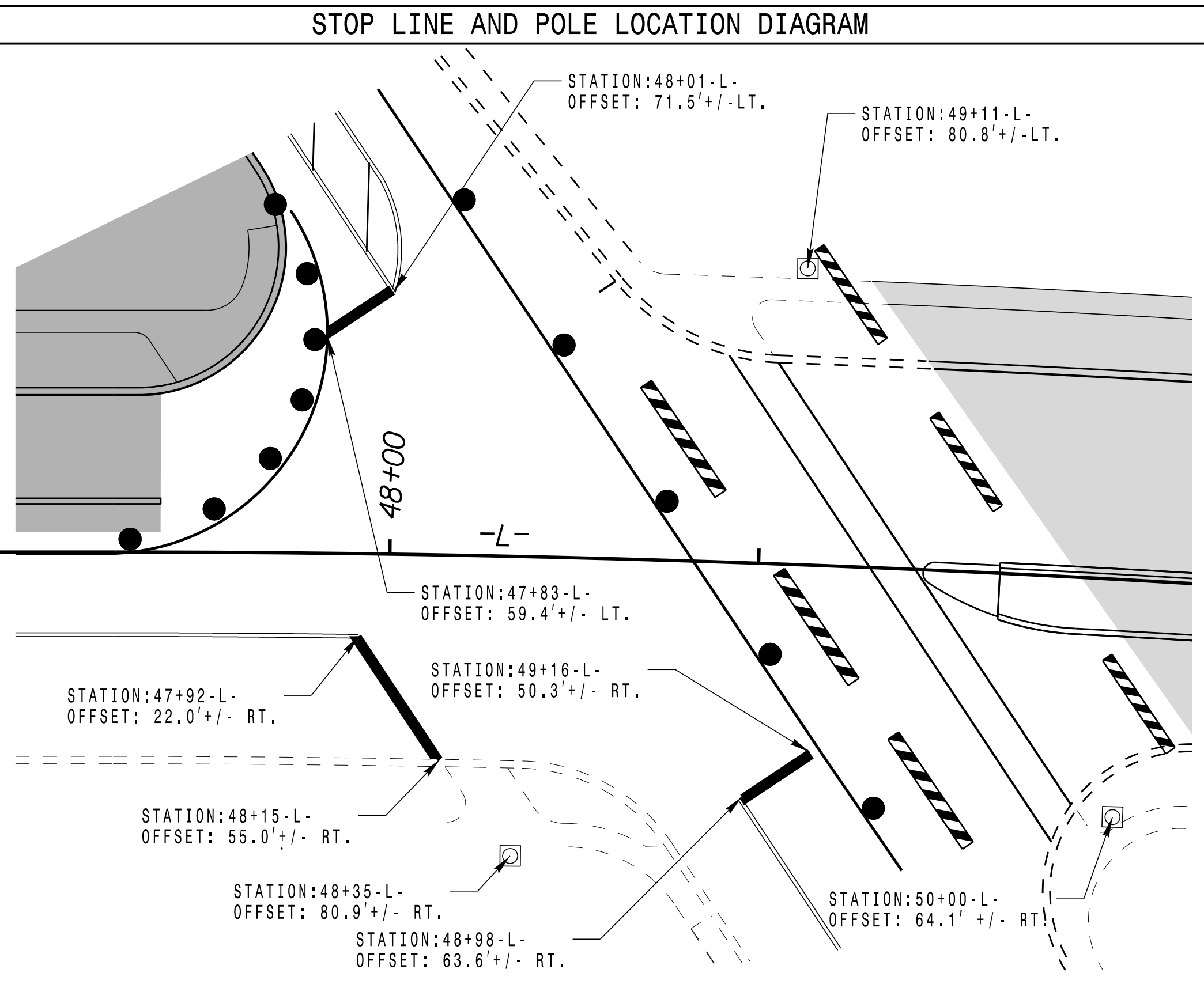
3 PHASE FULLY ACTUATED (GREENVILLE SIGNAL SYSTEM)

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.
- 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: 4
System Address Number: 90
- Install black powder coated metal strain poles and pedestals.



STOP LINE AND POLE LOCATION DIAGRAM

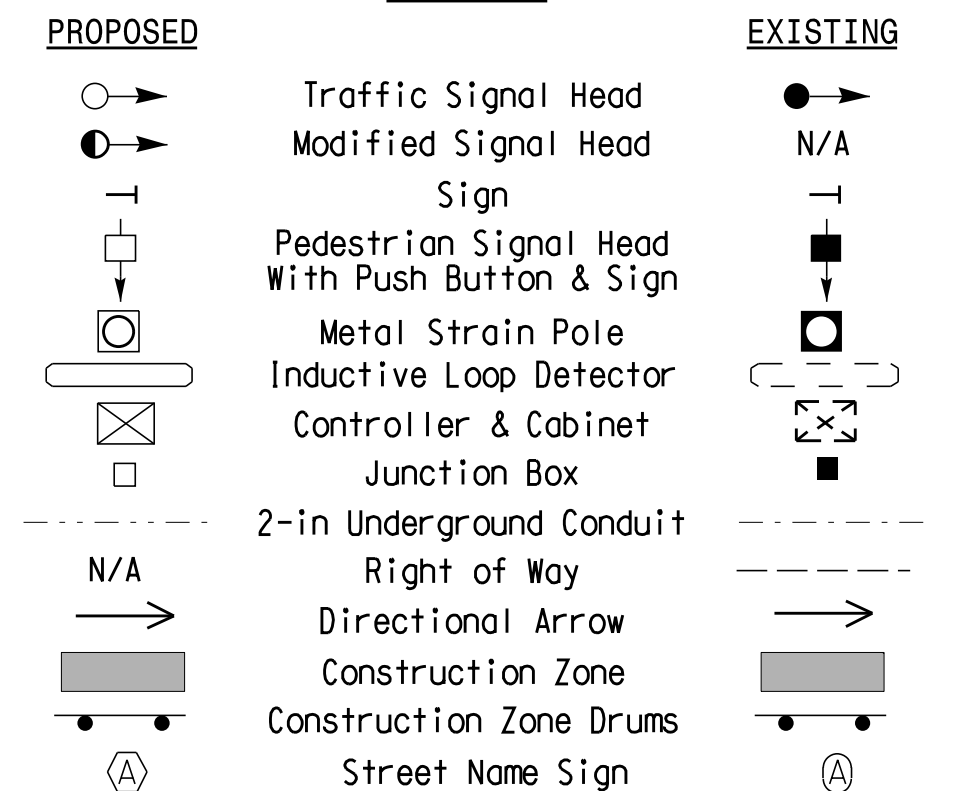


ASC3 NEMA TIMING CHART

FEATURE	PHASE			
	Ø1	Ø2	Ø4	Ø6
MINIMUM GREEN *	7 SEC.	10 SEC.	7 SEC.	10 SEC.
PASSAGE GAP *	2.0 SEC.	3.0 SEC.	2.0 SEC.	3.0 SEC.
YELLOW CHANGE INT.	3.0 SEC.	3.8 SEC.	3.8 SEC.	3.3 SEC.
RED CLEARANCE	3.1 SEC.	2.7 SEC.	2.9 SEC.	2.2 SEC.
MAXIMUM 1 *	15 SEC.	30 SEC.	20 SEC.	30 SEC.
RECALL POSITION	NONE	MIN. RECALL	NONE	MIN. RECALL
VEHICLE CALL MEMORY	NONLOCK	LOCK	NONLOCK	LOCK
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 phases 2 and 6 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.

LEGEND



TEMPORARY DESIGN 2 - TMP PHASE 2

PLANS PREPARED IN THE OFFICE OF:
Kimley-Horn
NC License #F-0102
P.O. Box 33068
Raleigh, NC 27636
(919) 677-2000

10th STREET
AT
SR 1703 (14TH STREET)

DIVISION 2 PITT COUNTY GREENVILLE

PLAN DATE: JUNE 2014 REVIEWED BY: SL PHILLIPS

PREPARED BY: SP PENNINGTON REVIEWED BY:

SEAL

DocuSigned by:
Sl Phillips
9/2/2014

REVISIONS

NO.	DATE	INIT.	DATE

SIG. INVENTORY NO. 02-0893T2

8/29/2014 10:56:38 AM susan.pennington K:\RAL_Roadway\0106175 (U-3315)\Traffic Signals St - Signal Design\03-14th\3.3 020893-140829g72.dgn