

SIGNAL FACE	PHASE				
	01+6	02+6	04	09 PED	FL/HEAD
11	←	→	←	→	→
21	←	→	←	→	←
22	R	G	R	R	Y
41, 42	R	R	G	R	R
61, 62	→	→	R	R	←
P91, P92	DW	DW	DW	W	DRK

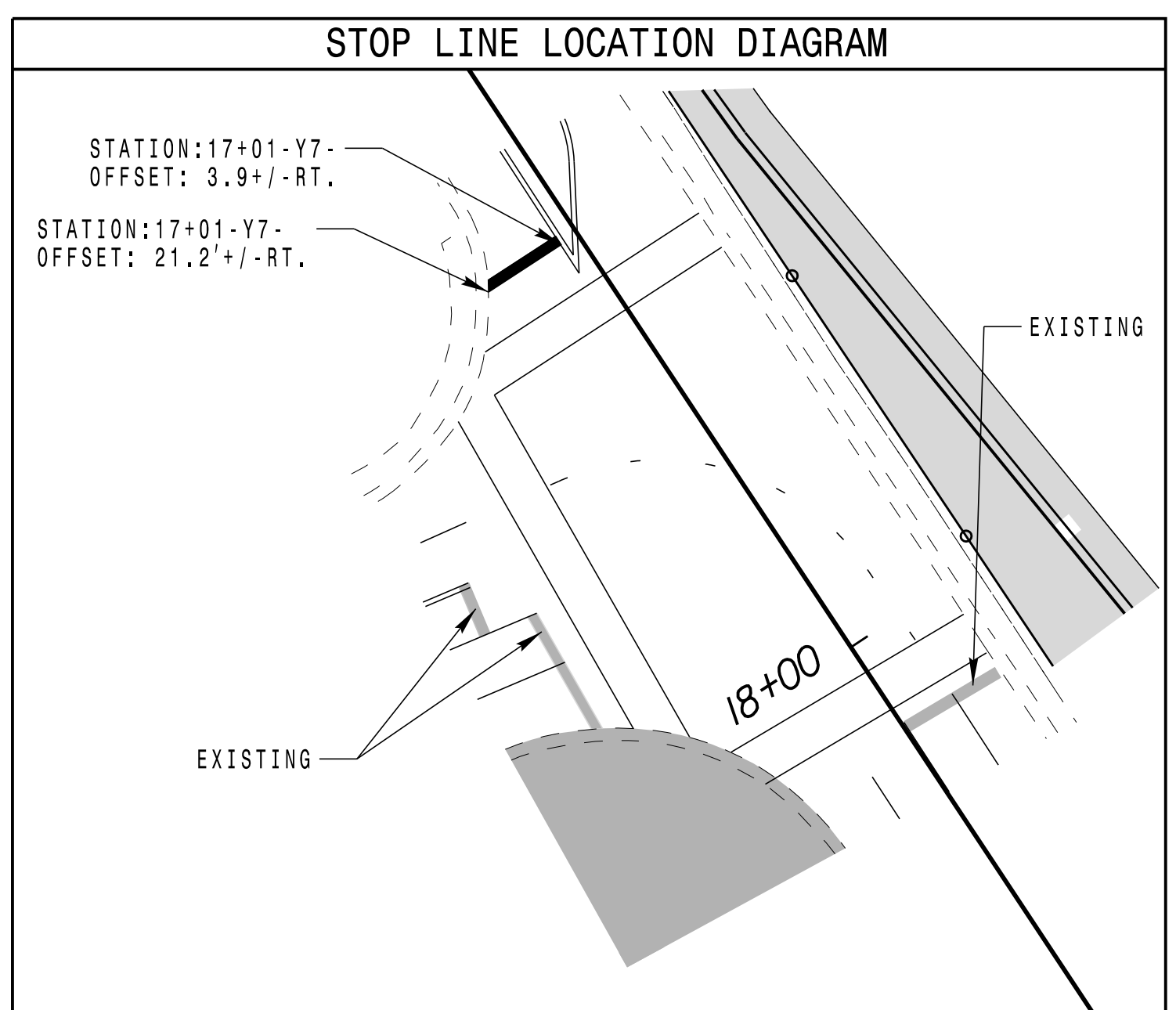
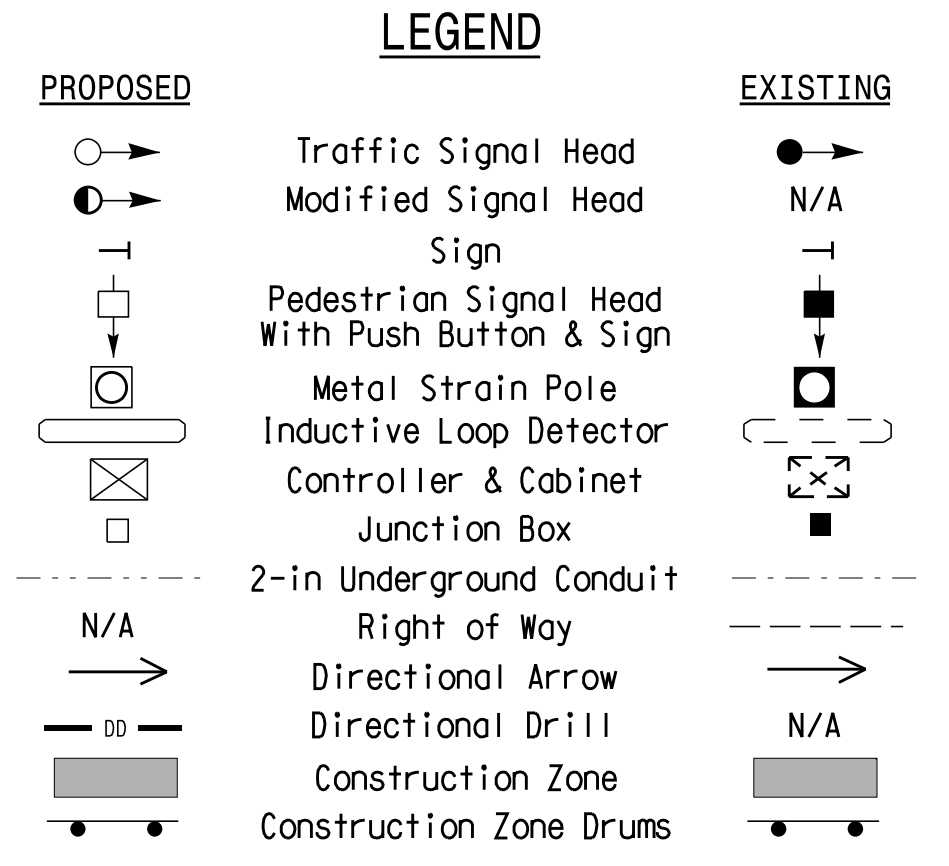
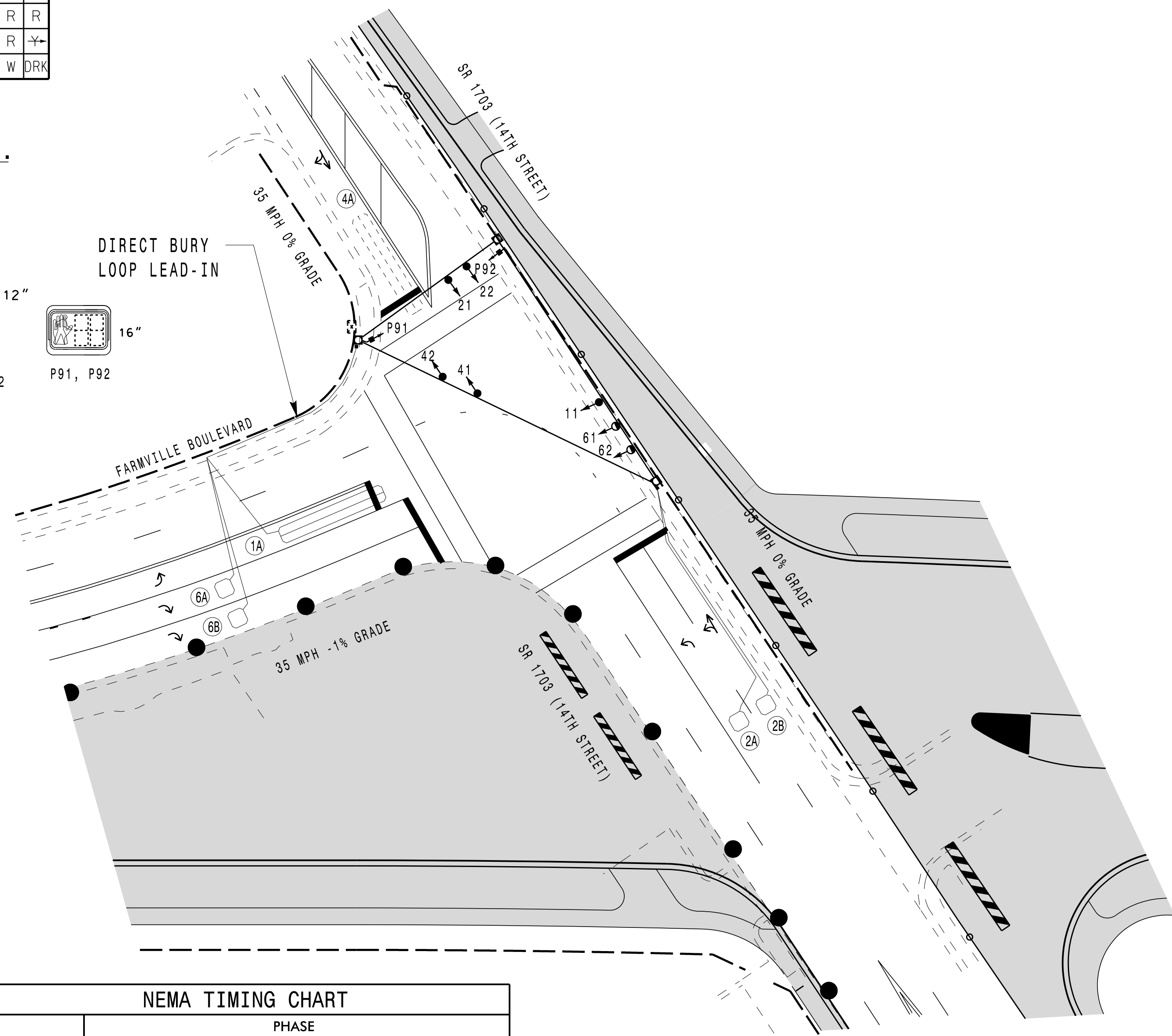
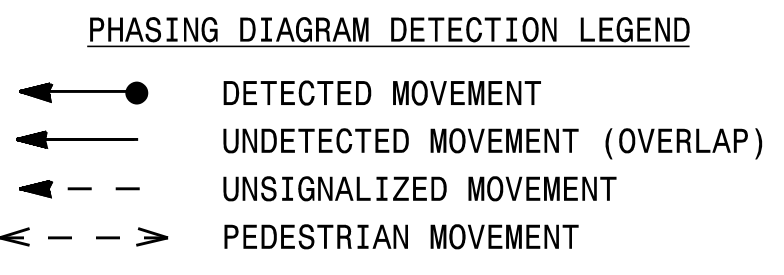
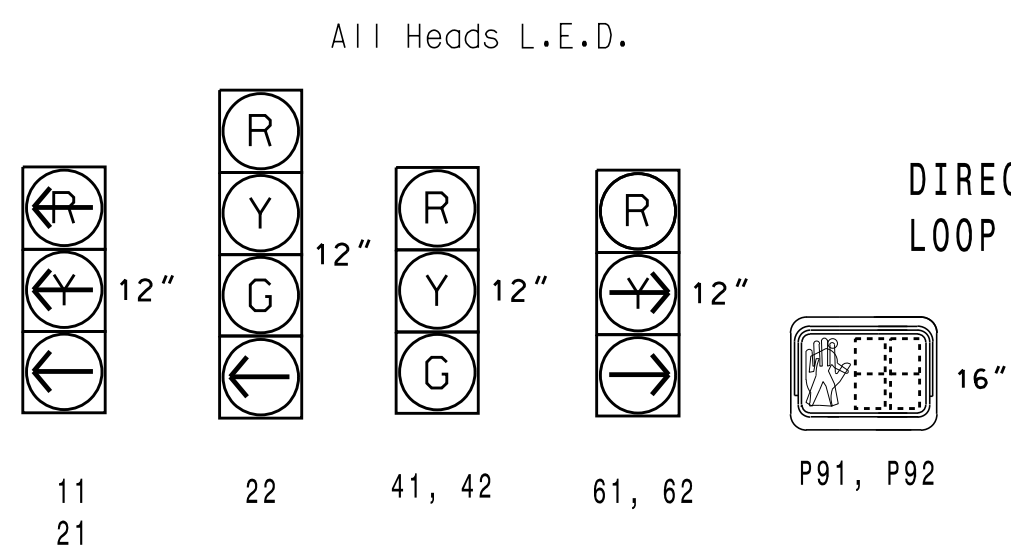
NEMA LOOP & DETECTOR INSTALLATION CHART with TS-2 CABINET											
LOOP NO.	SIZE (ft)	DIST. FROM STOPBAR (ft)	TURNS	INDUCTIVE LOOPS		DETECTOR UNITS					
				NEW	EXISTING	NEMA PHASE	NEW	EXISTING	TIMING FEATURE	TIME	INHIBIT DELAY DURING GREEN#
1A	6X40	+5	2-4-2	X	-	1	-	X	DELAY	3	YES
2A, 2B	6X6	70	4	X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

4 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.
- Omit "WALK" and flashing "DON'T WALK" with no pedestrian calls.
- Program pedestrian heads to countdown the flashing "Don't Walk" time only.
- 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
- Remove existing pedestrian signal heads P93, P94, P95 and P96.

SIGNAL FACE I.D.

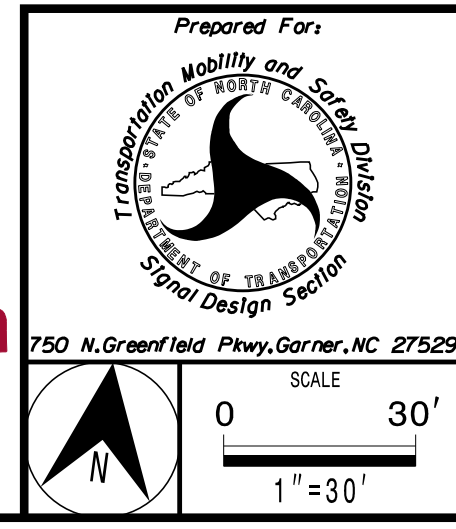


FEATURE	PHASE				
	01	02	04	06	09 PED
MINIMUM GREEN *	7 SEC.	10 SEC.	7 SEC.	10 SEC.	0.0 SEC.
PASSAGE/GAP *	2.0 SEC.	3.0 SEC.	2.0 SEC.	3.0 SEC.	0.0 SEC.
YELLOW CHANGE INT.	3.0 SEC.	3.8 SEC.	3.8 SEC.	3.2 SEC.	3.0 SEC.
RED CLEARANCE	2.8 SEC.	2.5 SEC.	2.2 SEC.	1.7 SEC.	0.0 SEC.
MAXIMUM 1 *	15 SEC.	30 SEC.	20 SEC.	30 SEC.	- SEC.
RECALL POSITION	NONE	MIN. RECALL	NONE	MIN. RECALL	NONE
VEHICLE CALL MEMORY	NONLOCK	LOCK	NONLOCK	LOCK	NONLOCK
WALK *	- SEC.	- SEC.	- SEC.	- SEC.	5 SEC.
FLASHING DON'T WALK	- SEC.	- SEC.	- SEC.	- SEC.	16 SEC.
VOLUME DENSITY	OFF	OFF	OFF	OFF	OFF
ACTUATION B4 ADD *	- VEH.	- VEH.	- VEH.	- VEH.	- VEH.
SEC. PER ACTUATION *	- SEC.	- SEC.	- SEC.	- SEC.	- SEC.
MAX. INITIAL *	- SEC.	- SEC.	- SEC.	- SEC.	- SEC.
TIME B4 REDUCTION *	- SEC.	- SEC.	- SEC.	- SEC.	- SEC.
TIME TO REDUCE *	- SEC.	- SEC.	- SEC.	- SEC.	- SEC.
MINIMUM GAP	- SEC.	- 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.

TEMPORARY DESIGN 1 - TMP PHASE 1

PLANS PREPARED IN THE OFFICE OF:
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FARMVILLE BOULEVARD AT SR 1703 (14TH STREET)		DIVISION 2 PITT COUNTY GREENVILLE	
PLAN DATE: JUNE 2014	REVIEWED BY: SL PHILLIPS	PREPARED BY: SP PENNINGTON	REVIEWED BY:
REVISIONS		INIT.	DATE



K:\RAL_Roadway\011096175 (U-3315)\Traffic Signals SH - Signal Design\03-14th(S)_020903-409290T.dgn 8/29/2014 10:56:35 AM susan.pennington