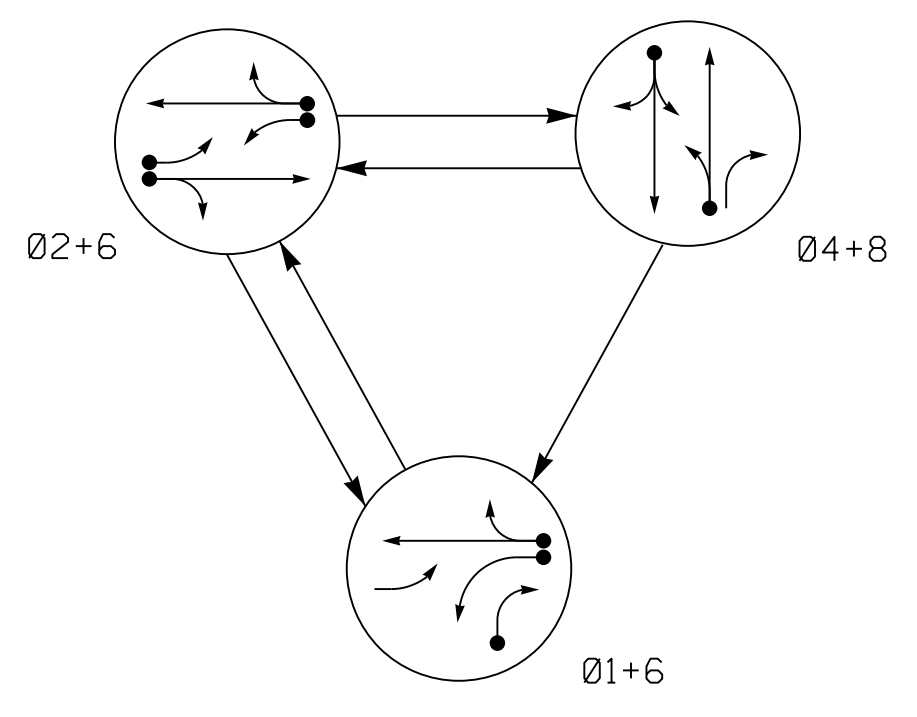


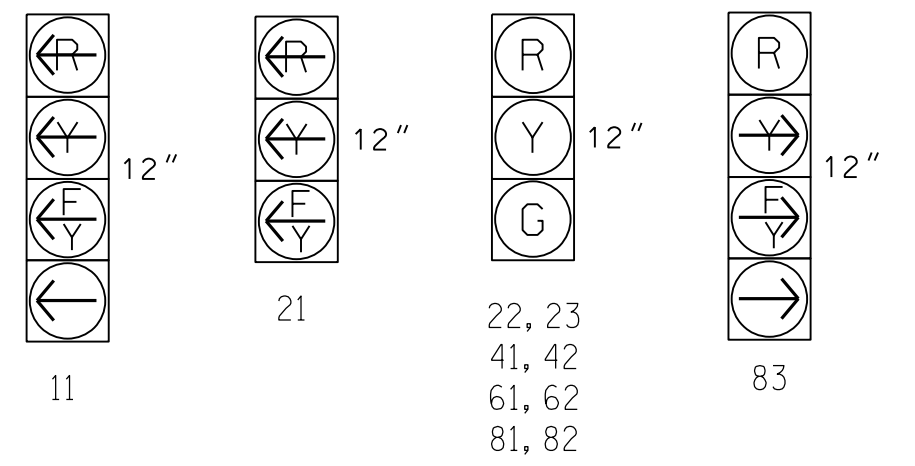
**PHASING DIAGRAM**



SIGNAL FACE	PHASE			
	01+6	02+6	04+8	F L H S
11	←	←	←	←
21	←	←	←	←
22, 23	R	G	R	Y
41, 42	R	R	G	R
61, 62	G	G	R	Y
81, 82	R	R	G	R
83	←	←	←	←

**SIGNAL FACE I.D.**

All Heads L.E.D.



**PHASING DIAGRAM DETECTION LEGEND**

- DETECTED MOVEMENT
- UNDETECTED MOVEMENT (OVERLAP)
- UNSIGNALIZED MOVEMENT
- ↔ PEDESTRIAN MOVEMENT

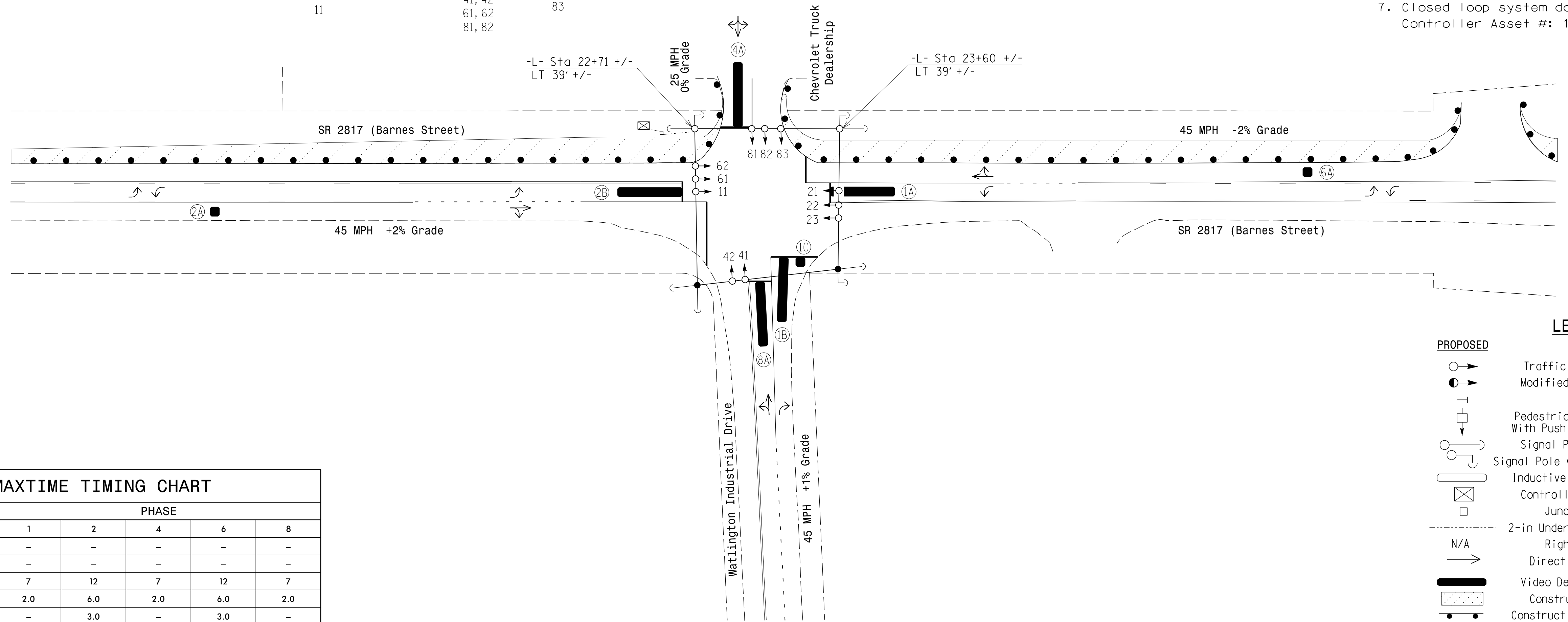
MAXTIME DETECTOR INSTALLATION CHART													
ZONE	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PROGRAMMING								
					CALL PHASE	DELAY TIME	EXTEND TIME	EXTEND	ADDED INITIAL	QUEUE	CALL	PASSAGE 2	SYSTEM LOOP
1A*	6X40	0	*	*	1	15	-	X	-	X	-	-	*
1B*	6X40	0	*	*	1	15	-	X	-	X	-	-	*
1C*	6X6	0	*	*	1	15	-	X	-	X	-	-	*
2A*	6X6	300	*	*	2	-	-	X	X	X	-	-	*
2B*	6X40	0	*	*	2	-	-	X	-	X	X	-	*
4A*	6X40	0	*	*	4	10	-	X	-	X	-	-	*
6A*	6X6	300	*	*	6	-	-	X	X	X	-	-	*
8A*	6X40	0	*	*	8	3	-	X	-	X	-	-	*

\* Video Detection Zone

3 Phase Fully Actuated  
NC 87/SR 2817 (Barnes Street) CLS  
Signal System #: D07-10\_Reidsville

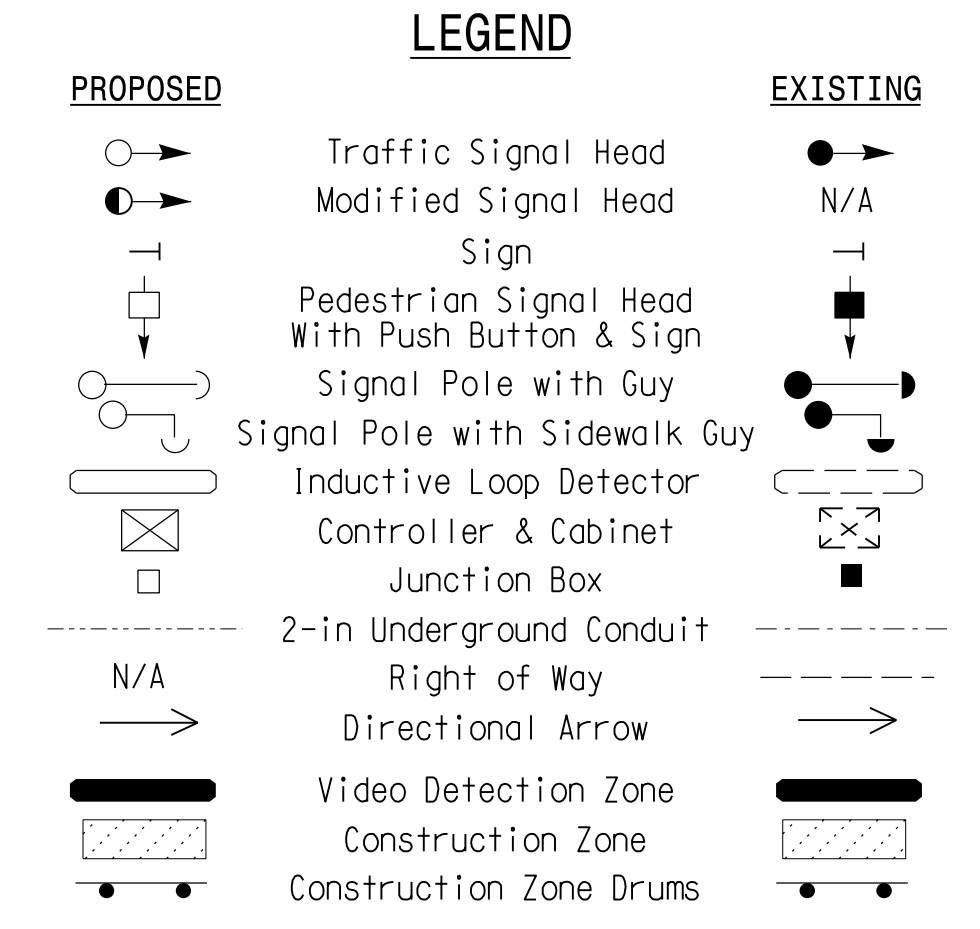
**NOTES**

- 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.
- Phase 1 may be lagged.
- Set all detector units to presence mode.
- Locate new cabinet so as not to obstruct distance of vehicles turning right on red.
- Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
- Closed loop system data: Controller Asset #: 1622.

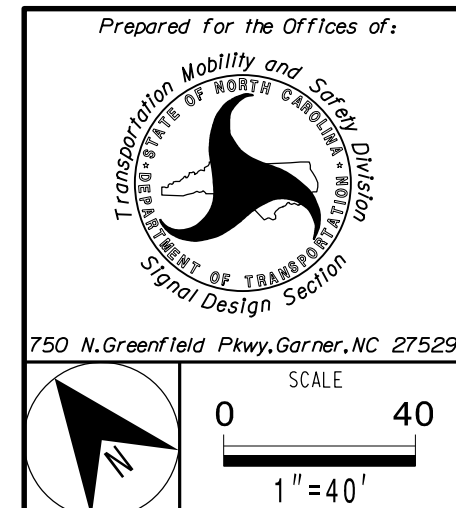


FEATURE	PHASE				
	1	2	4	6	8
Walk *	-	-	-	-	-
Ped Clear *	-	-	-	-	-
Min Green	7	12	7	12	7
Passage *	2.0	6.0	2.0	6.0	2.0
Passage 2 *	-	3.0	-	3.0	-
Max 1 *	15	90	25	90	35
Yellow Change	3.0	4.7	4.4	4.7	4.4
Red Clear	2.4	1.0	2.1	1.0	1.0
Added Initial *	-	2.5	-	2.5	-
Maximum Initial *	-	34	-	34	-
Time Before Reduction *	-	20	-	20	-
Time To Reduce *	-	30	-	30	-
Minimum Gap	-	3.0	-	3.0	-
Advance Walk	-	-	-	-	-
Non Lock Detector	X	-	X	-	X
Vehicle Recall	-	MIN RECALL	-	MIN RECALL	-
Dual Entry	-	-	X	-	X

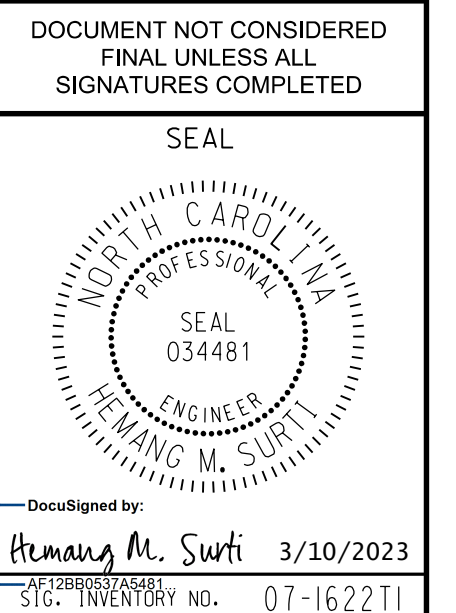
\* These values may be field adjusted. Do not adjust Min Green and Extension times for phases 2 and 6 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.



Signal Upgrade - Temp Design 1 (TMP Phase I)



SR 2817 (Barnes Street) at Watlington Industrial Drive	
Division 7	Rockingham County Reidsville
PLAN DATE: Jan 2023	REVIEWED BY: H.M. Surti
PREPARED BY: M.D. Tindal	REVIEWED BY:
REVISIONS	INIT. DATE



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