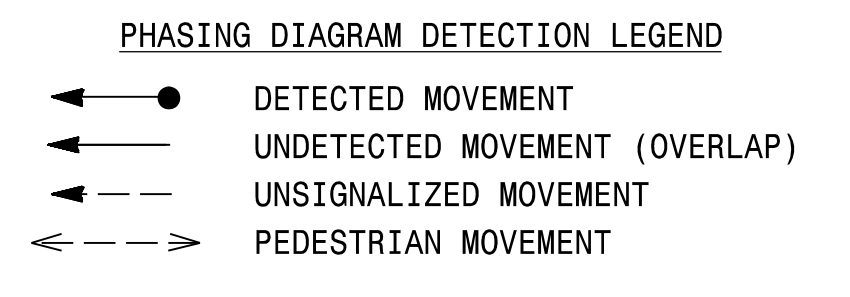
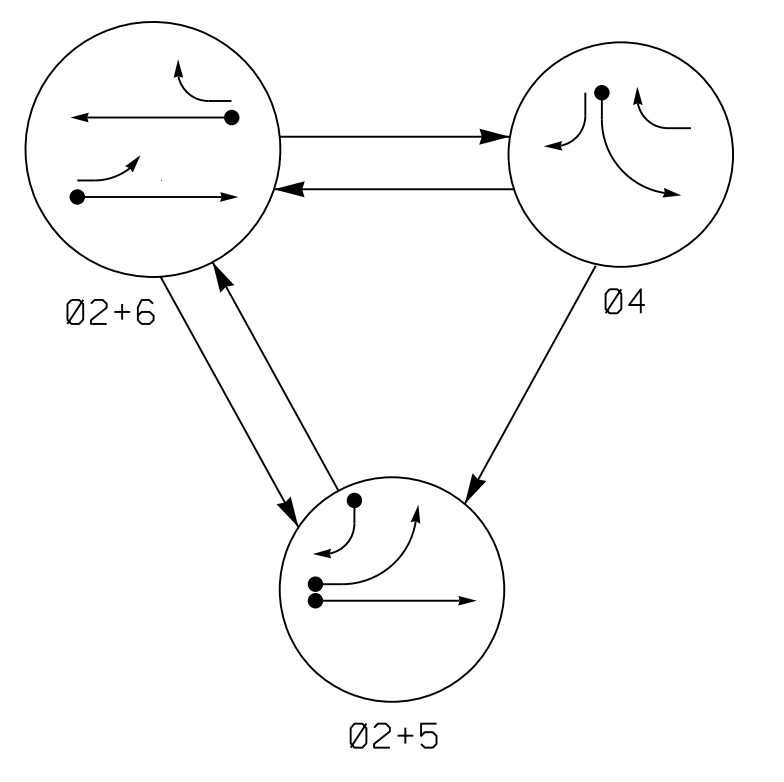


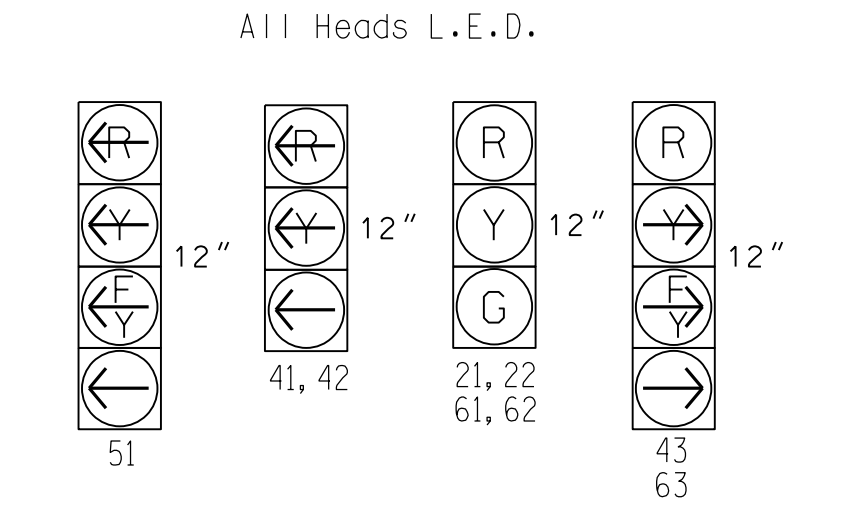
**PHASING DIAGRAM**



**TABLE OF OPERATION**

SIGNAL FACE	PHASE			
	02+6	02+5	04	FLASH
21, 22	G	G	R	Y
41, 42	R	R	F	R
43	-	R	F	R
51	-	F	R	Y
61, 62	R	G	R	Y
63	R	F	-	Y

**SIGNAL FACE I.D.**



**ASC/3 DETECTOR INSTALLATION CHART**

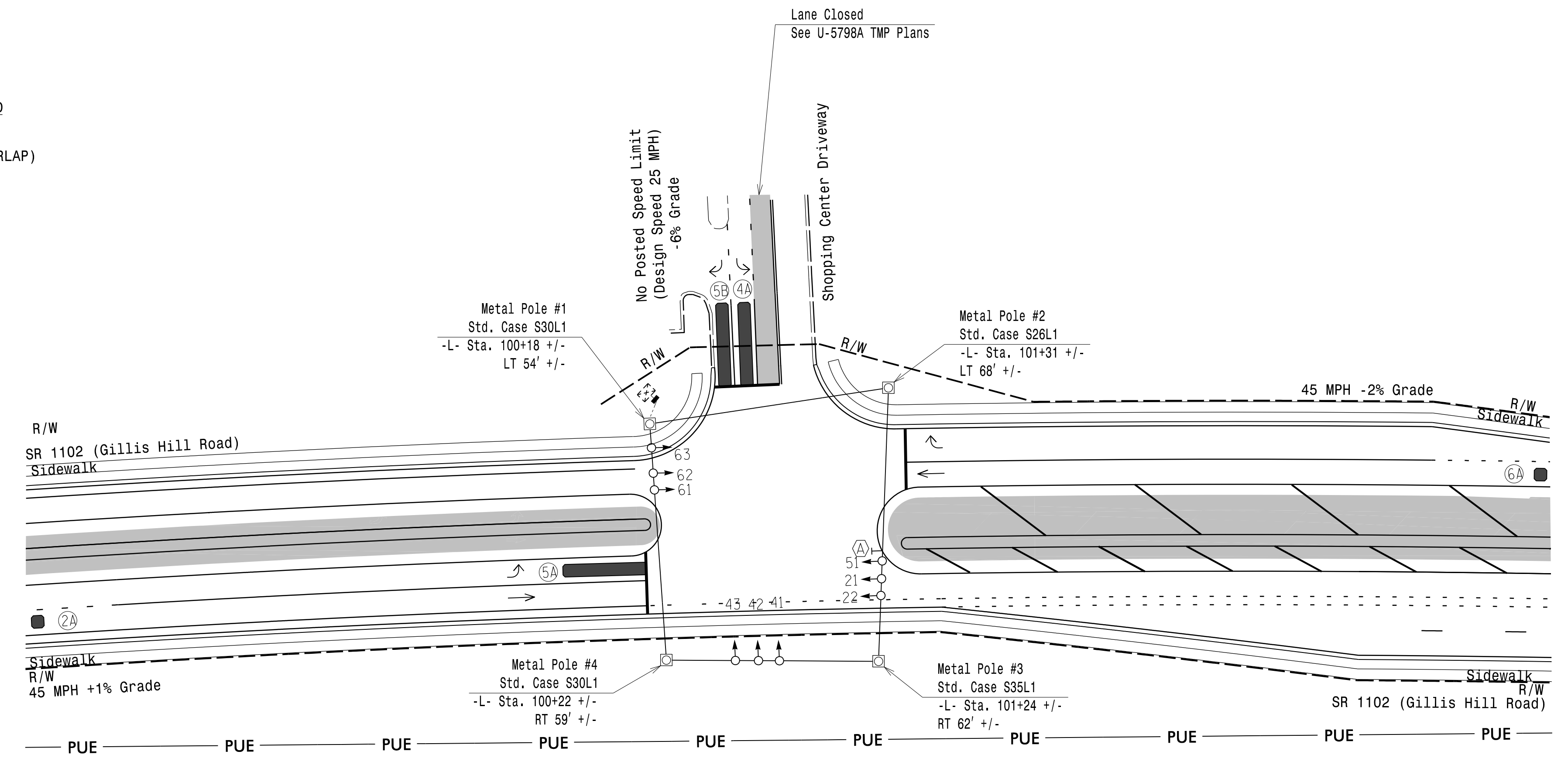
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PROGRAMMING							
					PHASE	CALLING	EXTEND TIME	DELAY TIME	USE ADDED INITIAL	TYPE	LOOP	NEW CARD
2A	6X6	300	*	*	2	YES	-	-	X	N	-	*
4A	6X40	0	*	*	4	YES	-	3	-	N	-	*
5A	6X40	0	*	*	5	YES	-	15	-	N	-	*
5B	6X40	0	*	*	2	YES	-	3	-	G	-	*
6A	6X6	300	*	*	6	YES	-	-	X	N	-	*

\* Video Detection Zone

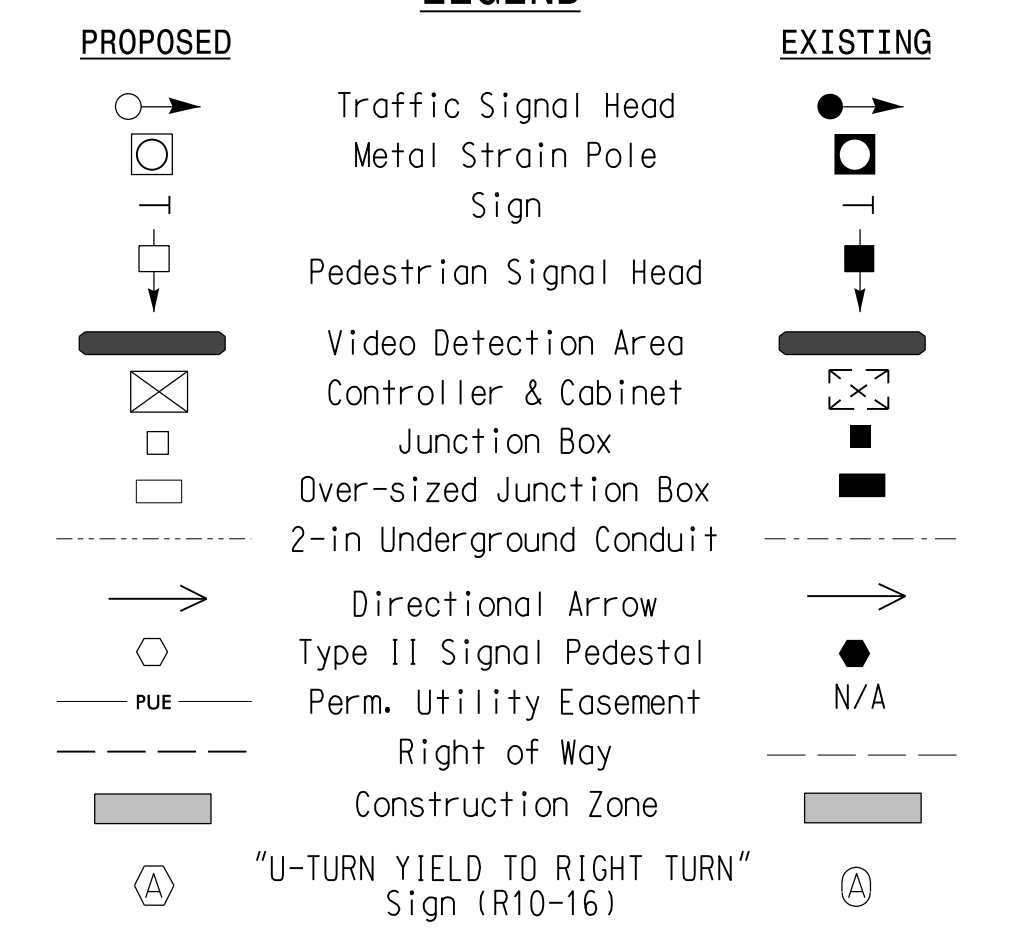
**3 Phase Fully Actuated Fayetteville Signal System**

**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 5 may be lagged.
- Bag signal head 41.
- Set all detector units to presence mode.
- Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
- Install Metal Poles #3 and #4 to maintain 10-ft separation from adjacent O/H power lines and to avoid impacts to adjacent utilities.



**LEGEND**



**ASC/3 TIMING CHART**

FEATURE	PHASE			
	2	4	5	6
Min Green *	12	7	7	12
Walk *	-	-	-	-
Ped Clear	-	-	-	-
Veh. Extension *	6.0	2.0	2.0	6.0
Max 1 *	50	30	20	50
Yellow	4.0	3.1	3.0	4.0
Red Clear	2.5	3.3	3.3	2.5
Actuations B4 Add *	0	-	-	0
Seconds / Actuation *	1.8	-	-	1.8
Max Initial *	34	-	-	34
Time Before Reduction *	15	-	-	15
Time To Reduce *	30	-	-	30
Minimum Gap	3.0	-	-	3.0
Locking Detector	X	-	-	X
Recall Position	VEH. RECALL	-	-	VEH. RECALL
Dual Entry	-	-	-	-
Simultaneous Gap	X	X	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.

**Temporary Signal 3 - TCP Phase IV**

750 N. Greenfield Pkwy, Garner, NC 27529

SR 1102 (Gillis Hill Road)  
at  
Shopping Center Driveway

Division 6 Cumberland County Fayetteville

PLAN DATE: January 2022 REVIEWED BY: J. Reid

PREPARED BY: C. Evans REVIEWED BY:

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

2022.01.05  
14:58:57-0500

REVISIONS	INIT.	DATE

05-JAN-2022 13:13  
 R:\Projects\05-1102\05-1102-TCP\05-1102-TCP-04.dgn  
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