

PHASING DIAGRAM

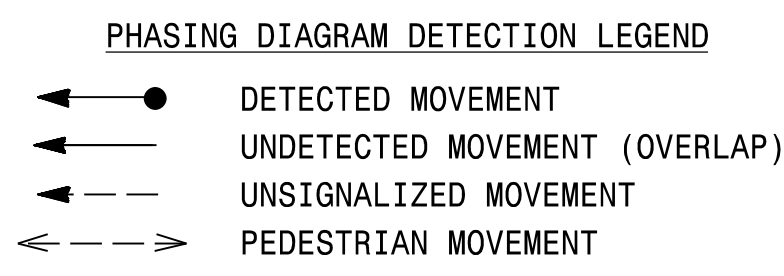
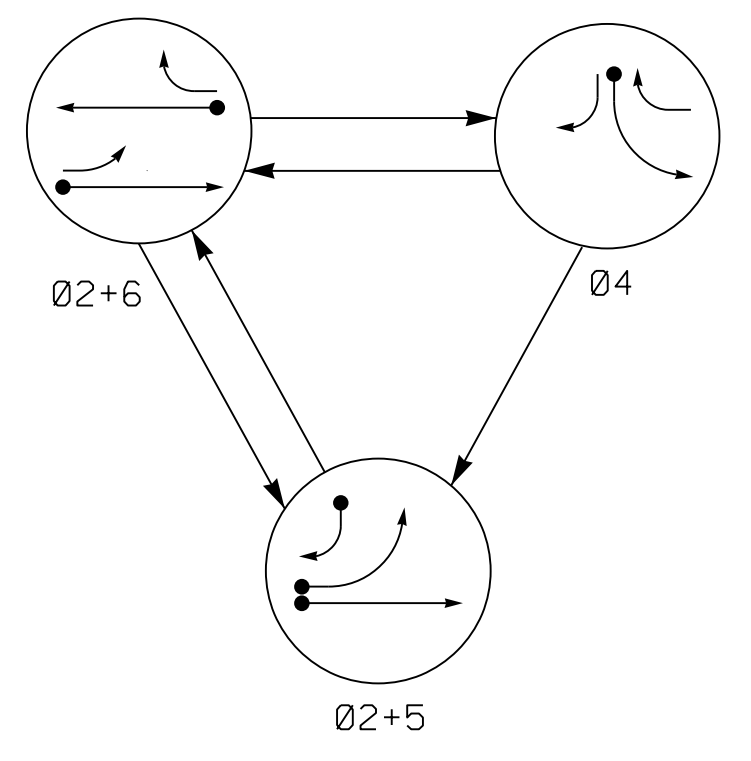
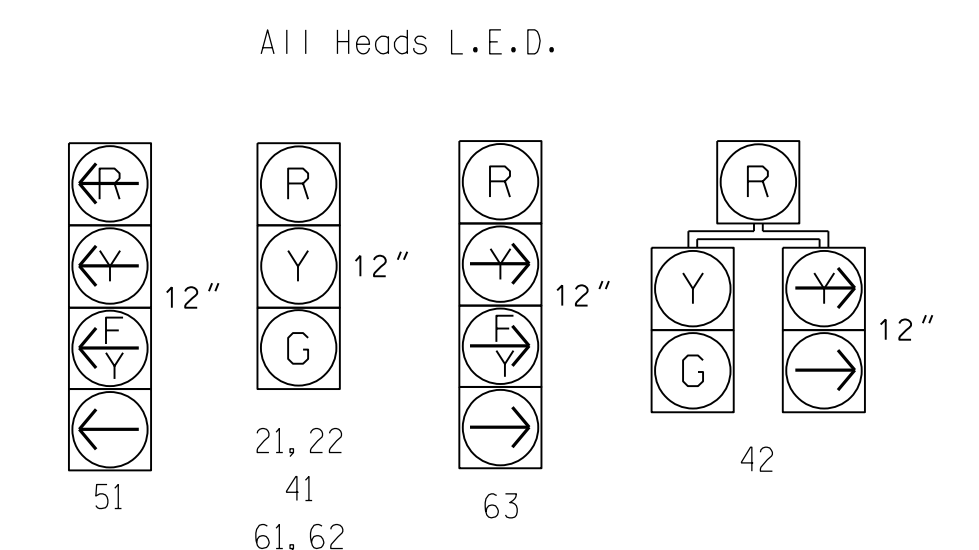


TABLE OF OPERATION

SIGNAL FACE	PHASE			
	Ø 2 + 5	Ø 2 + 6	Ø 4	FLIGHT
21, 22	G	G	R	Y
41	R	R	G	R
42	R	R	G	R
51	←	←	←	←
61, 62	R	G	R	Y
63	R	←	←	←

SIGNAL FACE I.D.



ASC/3 DETECTOR INSTALLATION CHART

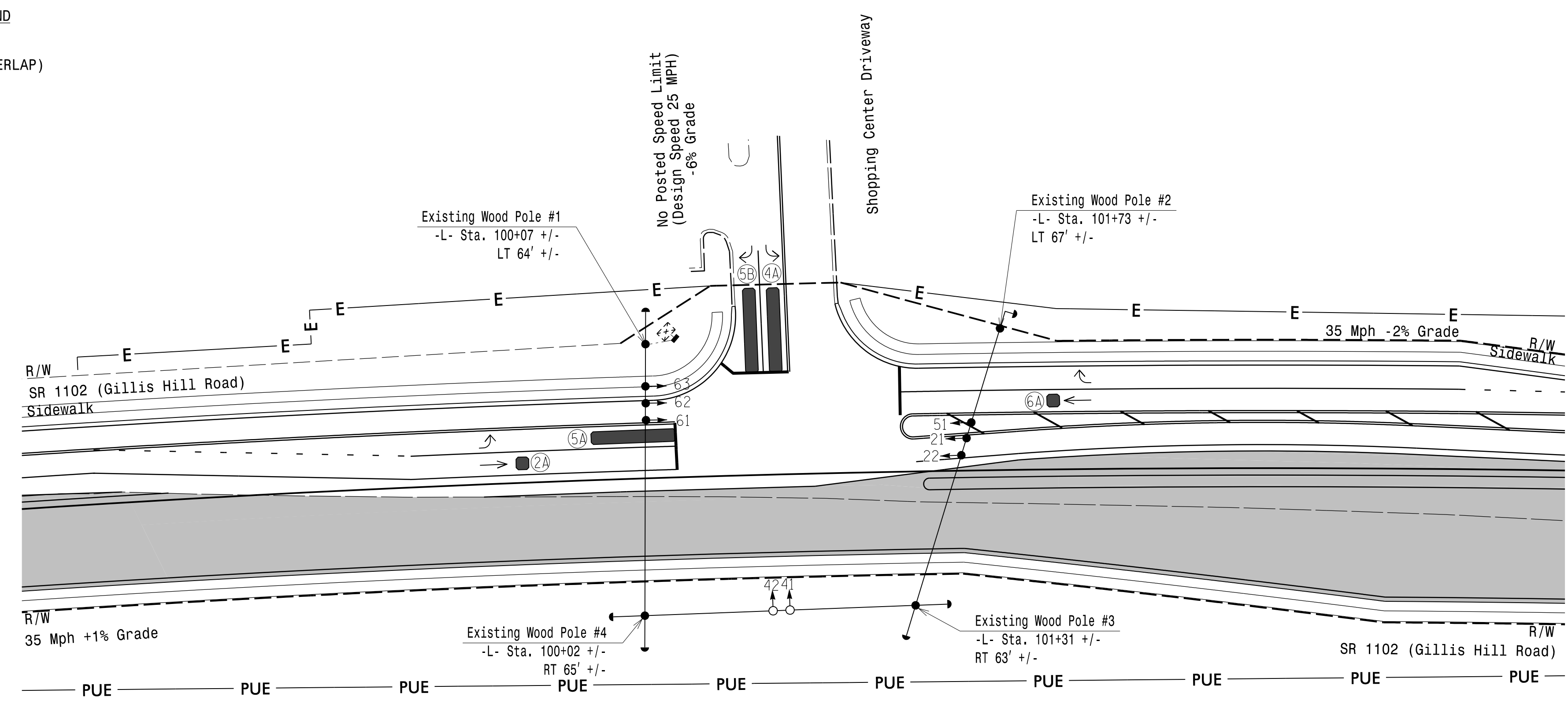
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PROGRAMMING							
					PHASE	CALLING	EXTEND TIME	DELAY TIME	USE ADDED INITIAL	TYPE	SYSTEM LOOP	NEW CARD
2A	6X6	70	*	*	2	YES	-	-	-	N	-	*
4A	6X40	0	*	*	4	YES	-	3	-	N	-	*
5A	6X40	0	*	*	5	YES	-	15	-	N	-	*
5B	6X40	0	*	*	2	YES	-	-	-	N	-	*
6A	6X6	70	*	*	5	YES	-	15	-	N	-	*
6A	6X6	70	*	*	6	YES	-	-	-	N	-	*

* Video Detection Zone

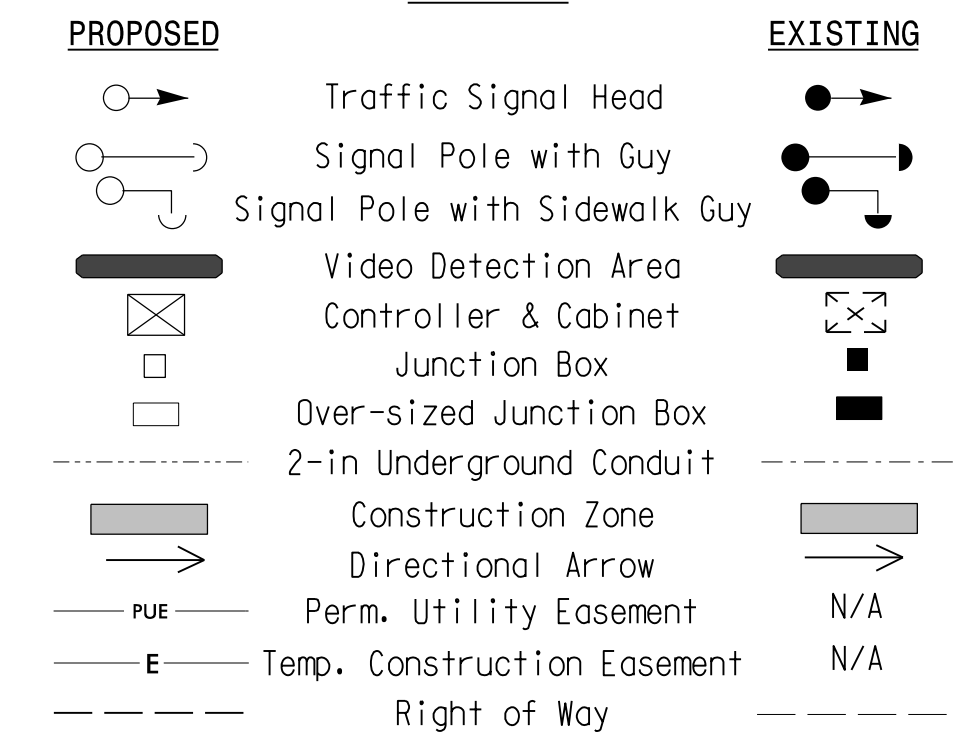
3 Phase Fully Actuated Fayetteville Signal System

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.
- Reassign existing detection zone 4B to 4A.
- 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.
- Reposition existing signal heads 21, 22, 51, 61, 62 and 63 as shown.



LEGEND



ASC/3 TIMING CHART

FEATURE	PHASE			
	2	4	5	6
Min Green *	10	7	7	10
Walk *	-	-	-	-
Ped Clear	-	-	-	-
Veh. Extension *	3.0	2.0	2.0	3.0
Max 1 *	50	30	20	50
Yellow	4.0	3.1	3.0	4.0
Red Clear	1.6	1.8	2.3	1.6
Actuations B4 Add *	0	-	-	0
Seconds / Actuation *	-	-	-	-
Max Initial *	-	-	-	-
Time Before Reduction *	-	-	-	-
Time To Reduce *	-	-	-	-
Minimum Gap	-	-	-	-
Locking Detector	-	-	-	-
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 2 - TCP Phase III

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

Jonathan D. Reid 2022.01.05

SCALE: 1" = 40'

REVISIONS	INIT.	DATE

05-11-2022 13:11
 R:\Projects\1102\1102_Sig\1102_Sig.dgn
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