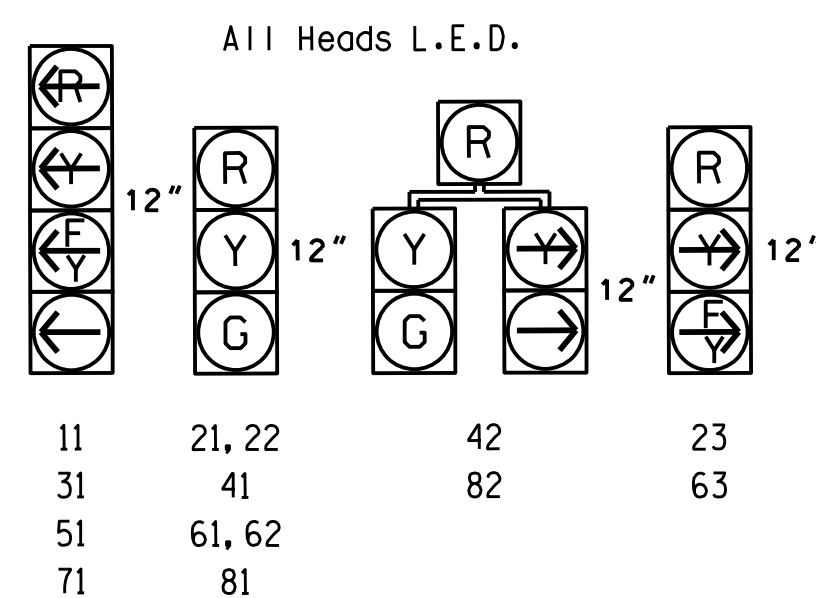
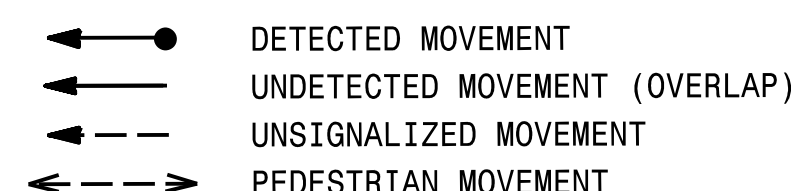


SIGNAL FACE I.D.

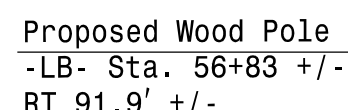


ALTERNATE PHASING DIAGRAM



- 8 Phase
Fully Actuated
Fayetteville Signal System
NOTES
1. Refer to "Roadway Standard Drawings NCDOT" dated January 2024 and "Standard Specifications for Roads and Structures" dated January 2024.
 2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
 3. Phase 1 and/or phase 5 may be lagged.
 4. Phase 3 and/or phase 7 may be lagged.
 5. Set all detector units to presence mode.
 6. Install new controller in existing cabinet.
 7. See U-5798B PMP for pavement markings.
 8. The Division Traffic Engineer will determine the hours of use for each phasing plan.
 9. This intersection uses multi-zone microwave detection. Install detectors according to the manufacturer's instructions to achieve the desired detection.
 10. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.

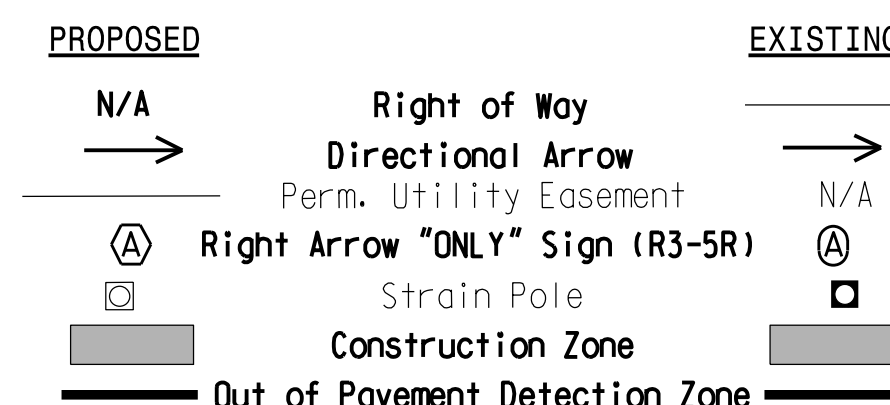
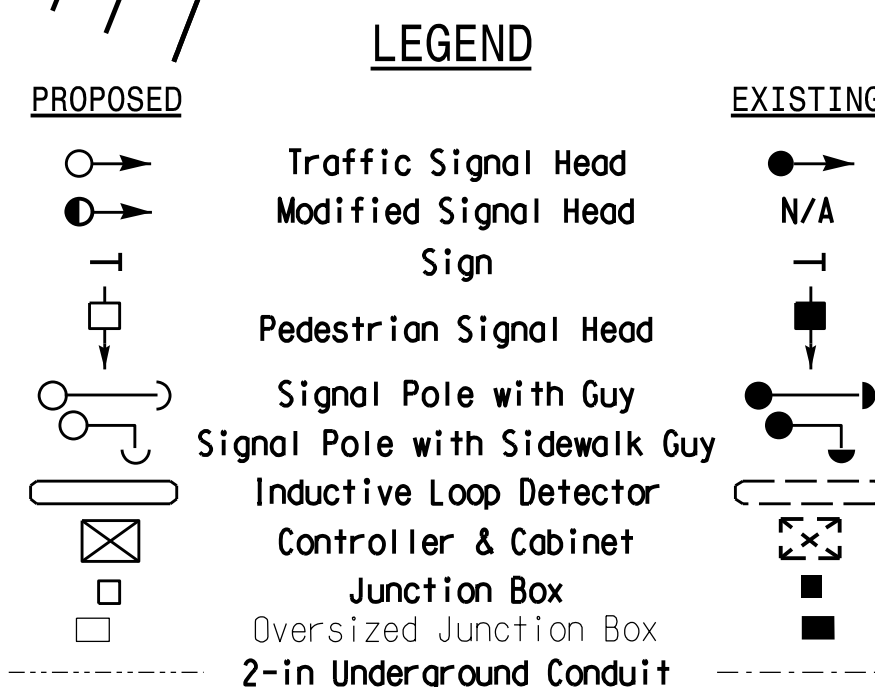
PROJECT REFERENCE NO.	SHEET NO.
U-5798B	Sig. 2.0



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

MAXTIME DETECTOR INSTALLATION CHART												
DETECTOR					PROGRAMMING							
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	CALL PHASE	DELAY TIME	EXTEND TIME	EXTEND	ADDED INITIAL	CALL	DELAY DURING GREEN	NEW CARD
1A	6X40	0	*	*	1 6 ^Q	15 ⁺	-	X	-	X	-	*
1B	6X40	0	*	*	1	15	-	X	-	X	-	*
3A	6X40	0	*	*	3 8 ^Q	15 ⁺	-	X	-	X	-	*
4B	6X40	0	*	*	4	-	-	X	-	X	-	*
5A	6X40	0	*	*	5 2 ^Q	15 ⁺	-	X	-	X	-	*
5B	6X40	0	*	*	5	15	-	X	-	X	-	*
7A	6X40	0	*	*	7 4 ^Q	15 ⁺	-	X	-	X	-	*
8B	6X40	0	*	*	8	-	-	X	-	X	-	*

- * Denotes Microwave Detection
- + Reduce delay to 3 seconds during Alternate Phasing Operation
- @ Disable call during Alternate Phasing Operation



Temporary Signal 1 - TCP Phase II Step 1 &
TCP Phase III Step 1

Prepared for the Offices of:  TRANSPORTATION DEPARTMENT OF TRANSPORTATION SIGNAL DESIGN SECTION	SR 1102 (Gillis Hill Road) at SR 1112 (Stoney Point Road)	SEAL 																																	
Division 6 Cumberland County Fayetteville																																			
PLAN DATE: June 2025		REVIEWED BY: S.G. Haynie																																	
PREPARED BY: G. W. Moreau		REVIEWED BY: _____																																	
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