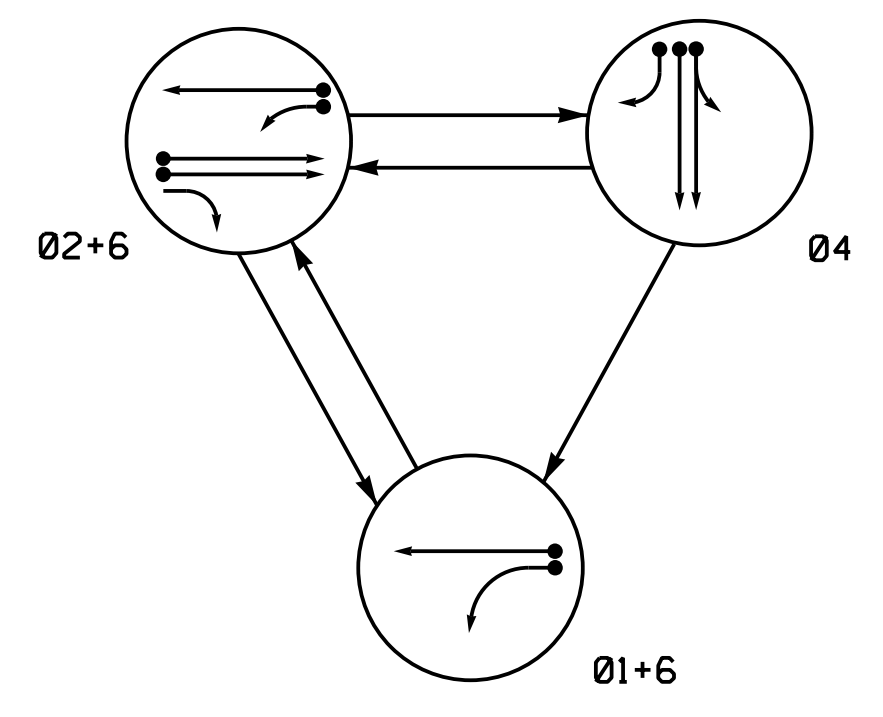
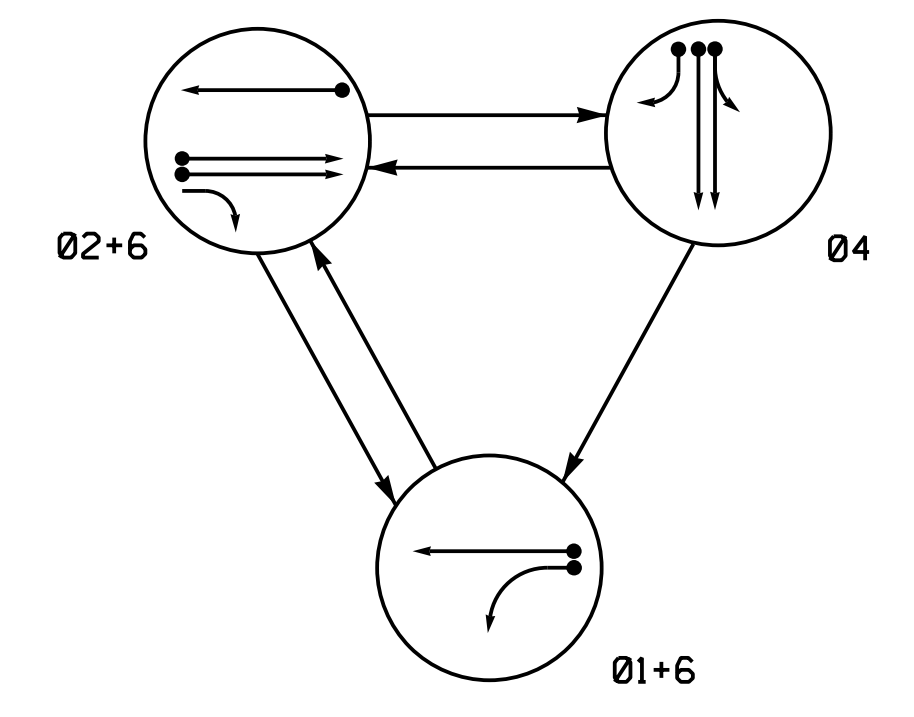


DEFAULT PHASING DIAGRAM



ALTERNATE PHASING DIAGRAM



DEFAULT PHASING TABLE OF OPERATION

SIGNAL FACE	PHASE			
	01+6	02+6	04	FLASH
11	+	-	-	-
21	R	↑	R	Y
22	R	G	R	Y
23	R	↓	R	Y
41,42	R	R	G	R
43	R	R	-	R
61	G	G	R	Y
62	↑	↑	R	Y

ALTERNATE PHASING TABLE OF OPERATION

SIGNAL FACE	PHASE			
	01+6	02+6	04	FLASH
11	+	-	-	-
21	R	↑	R	Y
22	R	G	R	Y
23	R	↓	R	Y
41,42	R	R	G	R
43	R	R	-	R
61	G	G	R	Y
62	↑	↑	R	Y

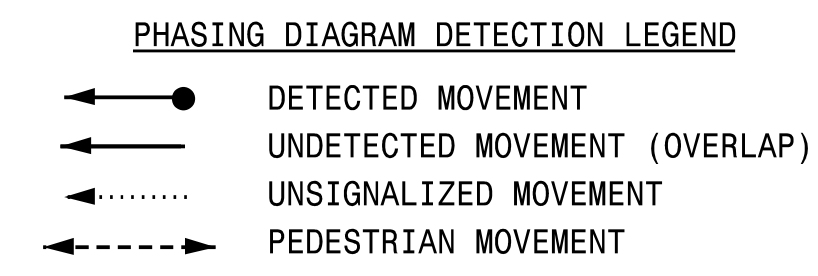
MAXTIME DETECTOR INSTALLATION CHART											
DETECTOR						PROGRAMMING					
ZONE	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	CALL PHASE	DELAY TIME	EXTEND TIME	EXTEND	ADDED INITIAL	CALL	RELAY DURING GREEN
1A*	6X40	0	*	*	1	**15	-	X	-	X	*
2A*	6X6	70	*	*	2	-	-	X	-	X	*
2B*	6X6	70	*	*	2	-	-	X	-	X	*
4A*	6X40	0	*	*	4	-	-	X	-	X	*
4B*	6X40	0	*	*	4	-	-	X	-	X	*
4C*	6X40	0	*	*	4	15	-	X	-	X	*
6A*	6X40	70	*	*	6	-	-	X	-	X	*

\* Microwave Detection  
 \*\* Disable Delay During Alternate Operation.  
 \* Disable phase call during Alternate Phasing operation.

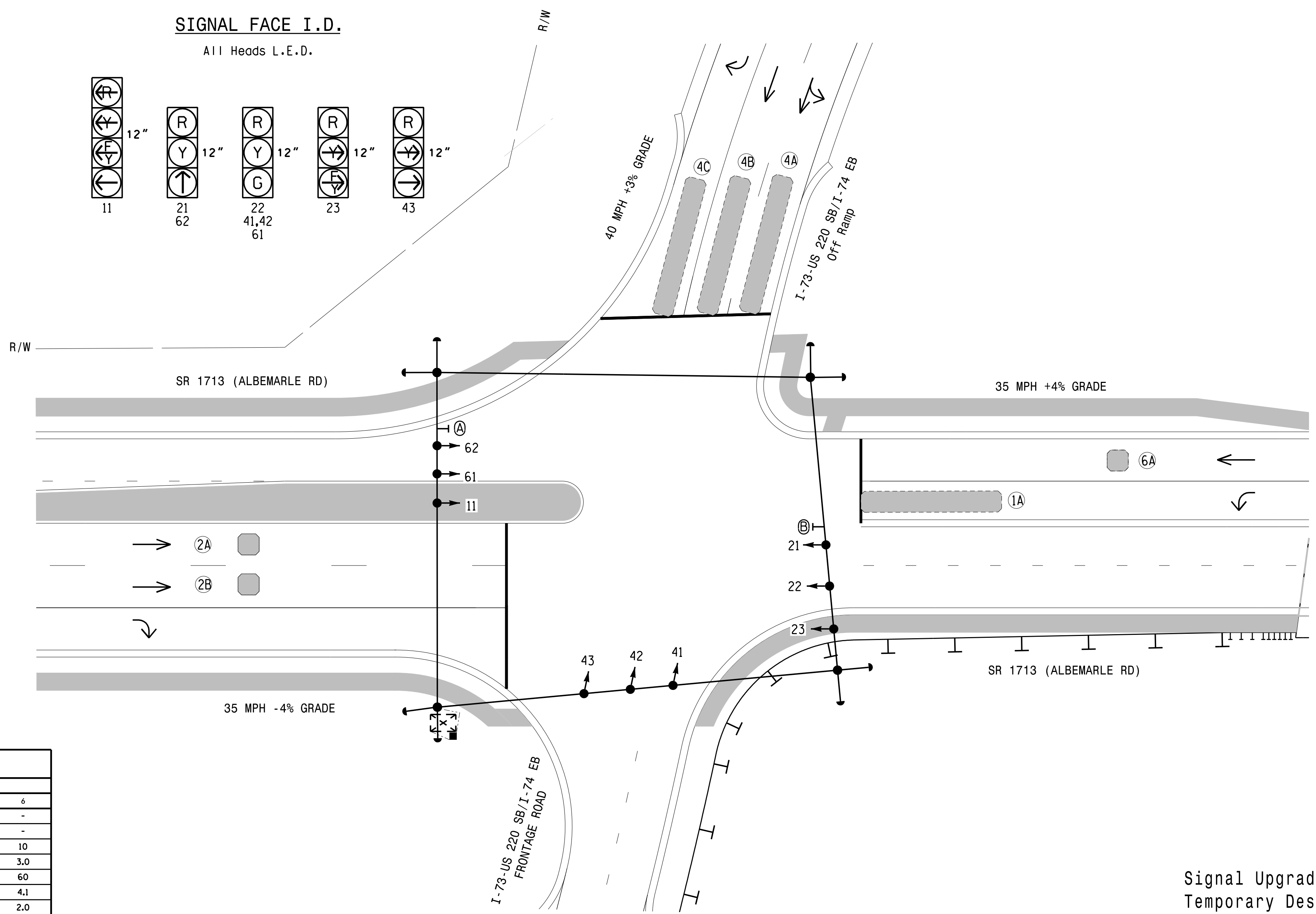
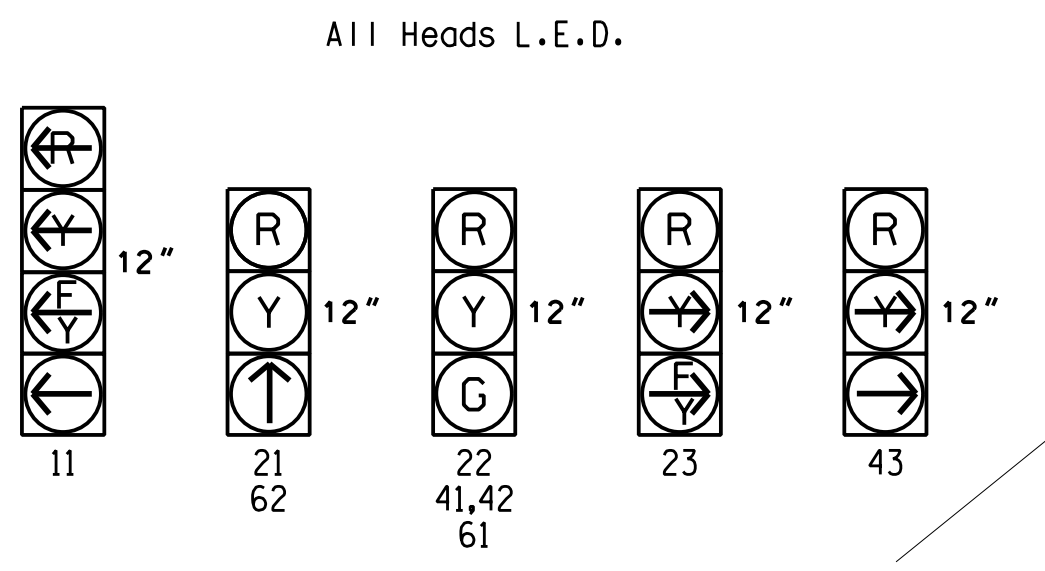
3 Phase Fully Actuated (Isolated)

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 may be lagged.
4. Reposition existing signal heads numbered 21 and 22.
5. Set all detector units to presence mode.
6. This intersection uses multi-zone microwave detection. Install detectors according to the manufacturer's instructions to achieve the desired detection.
7. The Division Traffic Engineer will determine the hours of use for each phasing plan.

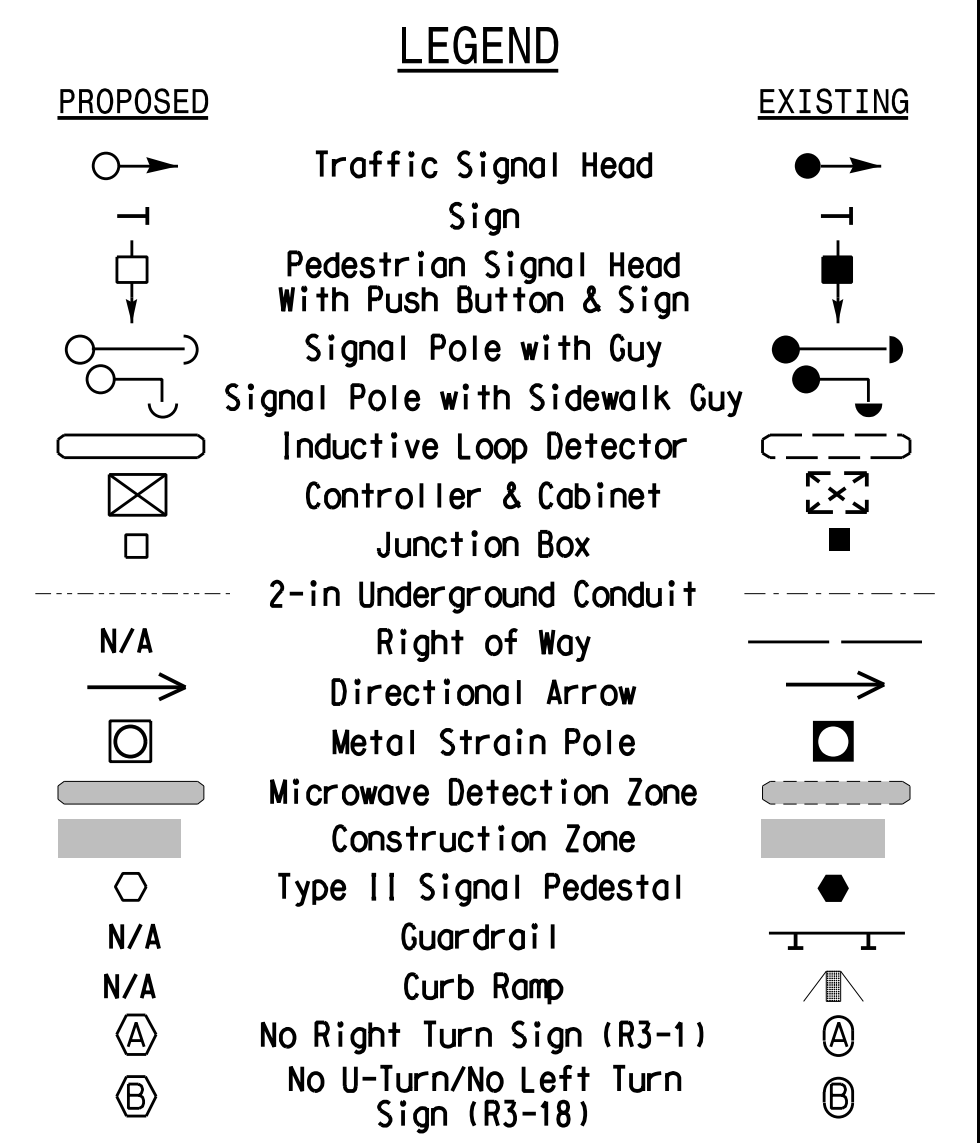


SIGNAL FACE I.D.



FEATURE	PHASE			
	1	2	4	6
Walk *	-	-	-	-
Ped Clear *	-	-	-	-
Min Green	7	10	7	10
Passage *	2.0	3.0	2.0	3.0
Max I *	20	60	30	60
Yellow Change	3.0	4.1	4.0	4.1
Red Clear	2.4	2.0	1.8	2.0
Added Initial *	-	-	-	-
Maximum Initial *	-	-	-	-
Time Before Reduction *	-	-	-	-
Time To Reduce *	-	-	-	-
Minimum Gap	-	-	-	-
Advance Walk	-	-	-	-
Non Lock Detector	X	-	X	-
Vehicle Recall	-	MIN RECALL	-	MIN RECALL
Dual Entry	-	-	-	-

\* 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 -  
 Temporary Design 2  
 (Construction Phase III)

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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 Prepared For: Transportation Mobility and Safety Division STATE OF NORTH CAROLINA Signal Design Section 750 N. Greenfield Pkwy, Garner, NC 27526	SR 1713 (Albemarle Rd) at I-73-US 220 SB Ramps/ I-74 EB Ramps		SEAL  N. R. SIMMONS ENGINEER SEAL 031464
	Division 8 Randolph County Asheboro PLAN DATE: August 2021 REVIEWED BY: A.D. Klinksiek PREPARED BY: N.K. Vianich REVIEWED BY: N.R. Simmons	REVISIONS INIT. DATE _____ _____	