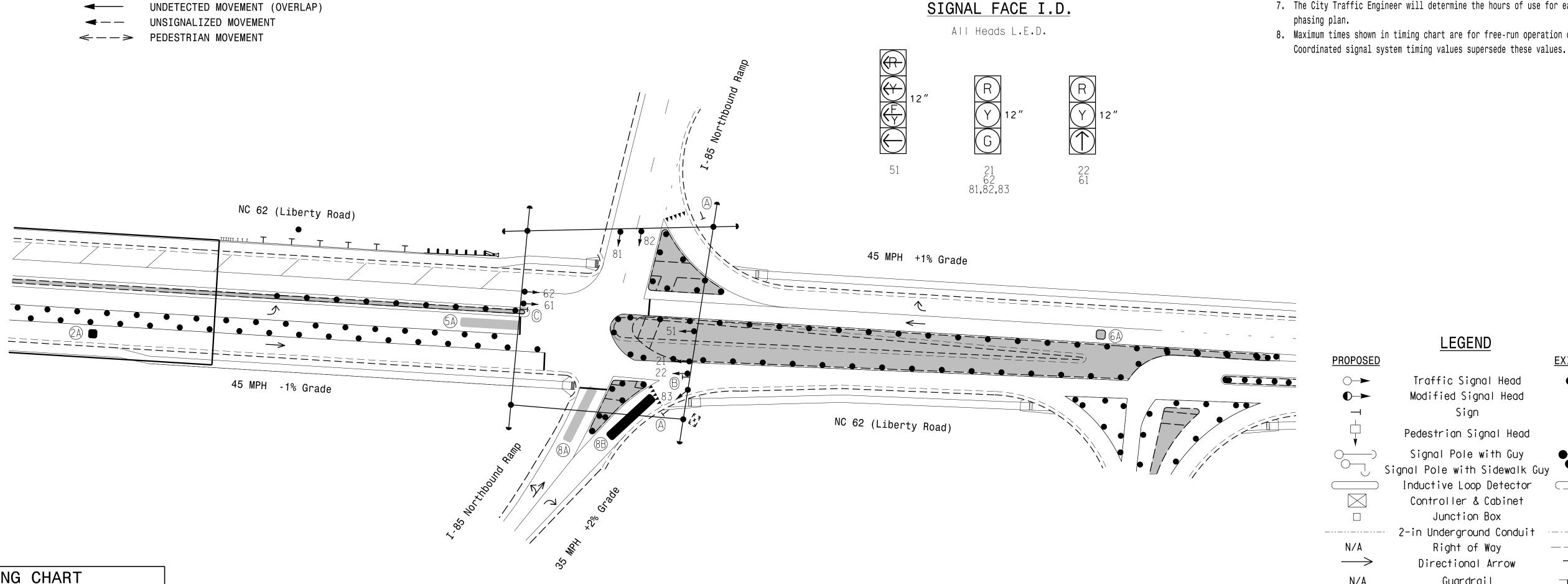


DEFAULT TABLE OF				N	
	PHASE				
SIGNAL FACE	2 + 5	2 + 6	8	FLAST	
21	G	G	R	R	
22	Ť	Ť	R	R	
51	+	FY	≺R	≺R	
61	R	1	R	R	
62	R	G	R	R	
81,82,83	R	R	G	R	

2+6

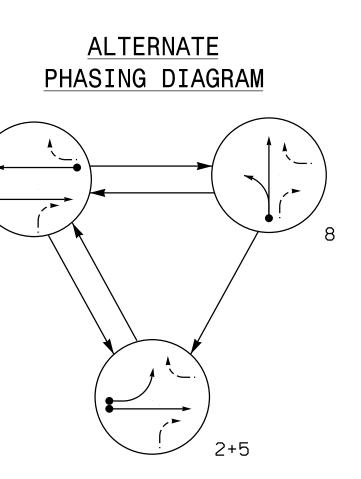
PHASING DIAGRAM DETECTION LEGEND

<●	DETECTED MOVEMENT
◄	UNDETECTED MOVEMENT (OVERL
◀	UNSIGNALIZED MOVEMENT
<i>←−−></i>	PEDESTRIAN MOVEMENT



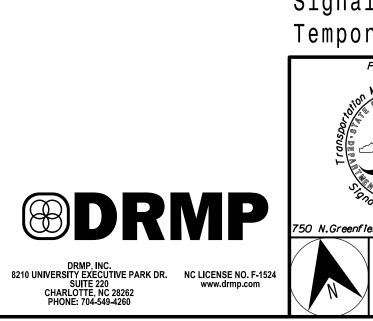
ASC/3 TIMING CHART									
	PHASE								
FEATURE	2	5	6	8					
Min Green *	12	7	12	7					
Walk *	_	-	-	-					
Ped Clear	_	-	-	-					
Veh. Extension *	6.0	2.0	6.0	2.0					
Max 1 *	90	20	90	30					
Yellow	4.6	3.0	4.6	3.7					
Red Clear	1.0	2.6	1.0	1.3					
Actuations B4 Add *	-	_	-	-					
Seconds /Actuation *	2.5	-	2.5	-					
Max Initial *	34	-	34	-					
Time Before Reduction *	15	_	15	-					
Time To Reduce *	30	-	30	-					
Minimum Gap	3.0	-	3.0	-					
Locking Detector	Х	_	Х	-					
Recall Position	VEH RECALL	-	VEH RECALL	-					
Dual Entry	-	_	-	-					
Simultaneous Gap	Х	Х	Х	Х					

* 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.



ALTERNAT TABLE OF			TIO	
SIGNAL FACE	2 + 5	2 + 6	8	FLAST
21	G	G	R	R
22	1	1	R	R
51	ł	╉	╉	₹R
61	R		R	R
62	R	G	R	R
81,82,83	R	R	G	R

													PROJECT REFERENCE NO. SHEET NO.
	ASC	;/3 DE ⁻	ТЕСТО	R	INST	ALL	ATION		RT				U-6018 Sig-8.0
ASC/3 DETECTOR INSTALLATION CHART DETECTOR PROGRAMMING													
ZONE(S)	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PHASE	υZ	EXTEND	DELAY TIME	USE ADDED INITIAL	ТҮРЕ	SYSTEM LOOP	NEW CARD	3 Phase Fully Actuated (High Point Signal System)
2 [.] A	6X6	300	**	**	2	Yes	-	-	Х	N	-	**	(High Foint Oighai Oystom)
5A	6X40	0	**	**	5	Yes	_	15.0*	-	N	-	**	NOTES
JA	0/10				2#	Yes	_	3.0	-	G	-	**	1. Refer to "Roadway Standard Drawings NCDOT" dated January 2024 and
6·A	6X6	300	**	**	6	Yes	-		Х	N	-	**	"Standard Specifications for Roads and Structures" dated
8·A	6X:40	0	**	**	8	Yes	-	-	-	N	-	**	January 2024.
8B	6X:40	0	**	**	8	Yes	-	30.0	-	N	-	**	2. Do not program signal for late night flashing operation unless
#Disat	 * Disable delay during Alternate Phasing operation. # Disable phase call for loop during Alternate Phasing operation. * Multizone Microwave Detection. 3. Phase 5 may be lagged. 4. Set all detector units to presence mode. 5. Reposition existing signal heads numbered 21 and 22. 6. This intersection uses multi-zone microwave detection. Install detectors according to the manudacturer's instructions to achieve the desired detection. 												
	SIGNAL FACE I.D.									The City Traffic Engineer will determine the hours of use for each phasing plan.			
	All Heads L.E.D.										8. Maximum times shown in timing chart are for free-run operation only.		



<u>PROPOSED</u>

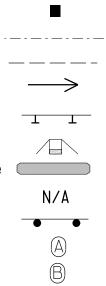
Traffic Signal Head $\bigcirc \rightarrow$ Modified Signal Head ●→ Sign \neg \square Pedestrian Signal Head V Signal Pole with Guy •---• Signal Pole with Sidewalk Guy Ċ Inductive Loop Detector _____ \sum Controller & Cabinet Junction Box 2-in Underground Conduit _____ Right of Way N/A \rightarrow Directional Arrow N/A Guardrail N/A Curb Ramp Non-Intrusive Detection Zone Construction Zone Construction Zone Drums • • $\langle \mathbb{A} \rangle$ $\langle \mathbb{B} \rangle$ "YIELD" Sign (R1-2) No Right Turn Sign (R3-1) No U-Turn / No Left Turn Sign (R3-18) $\langle C \rangle$

<u>LEGEND</u>

●→ N/A

 \neg

<u>EXISTING</u>



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	Signal Upgrade Temporary Design	DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED
	Prepared for:	NC 62 (Liberty Road) at I-85 Northbound Ramps Division 7 Guilford County Archdale
	Design Secv	PLAN DATE: March 2025 REVIEWED BY: ZM Esposito
	750 N.Greenfield Pkwy,Garner,NC 27529	PREPARED BY: AW Poole RKA PROJ. NO: 17380 (040)
4	0 40 1 "=40'	REVISIONS INIT. DATE Jachary M. Soposito 3/17/2025 SIGNATURE SIGNATURE SIG. INVENTORY NO. 07-2091T3