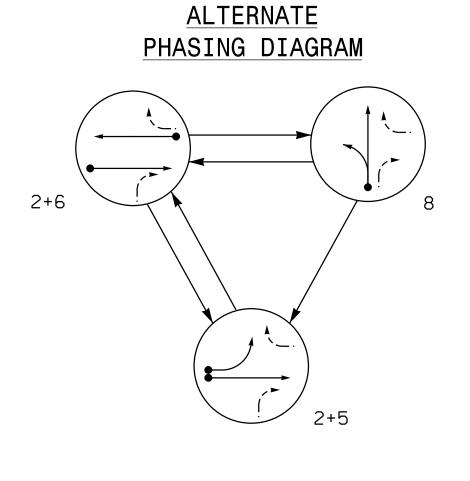


PHASING DIAGRAM DETECTION LEGEND

DETECTED MOVEMENT

UNSIGNALIZED MOVEMENT

UNDETECTED MOVEMENT (OVERLAP)



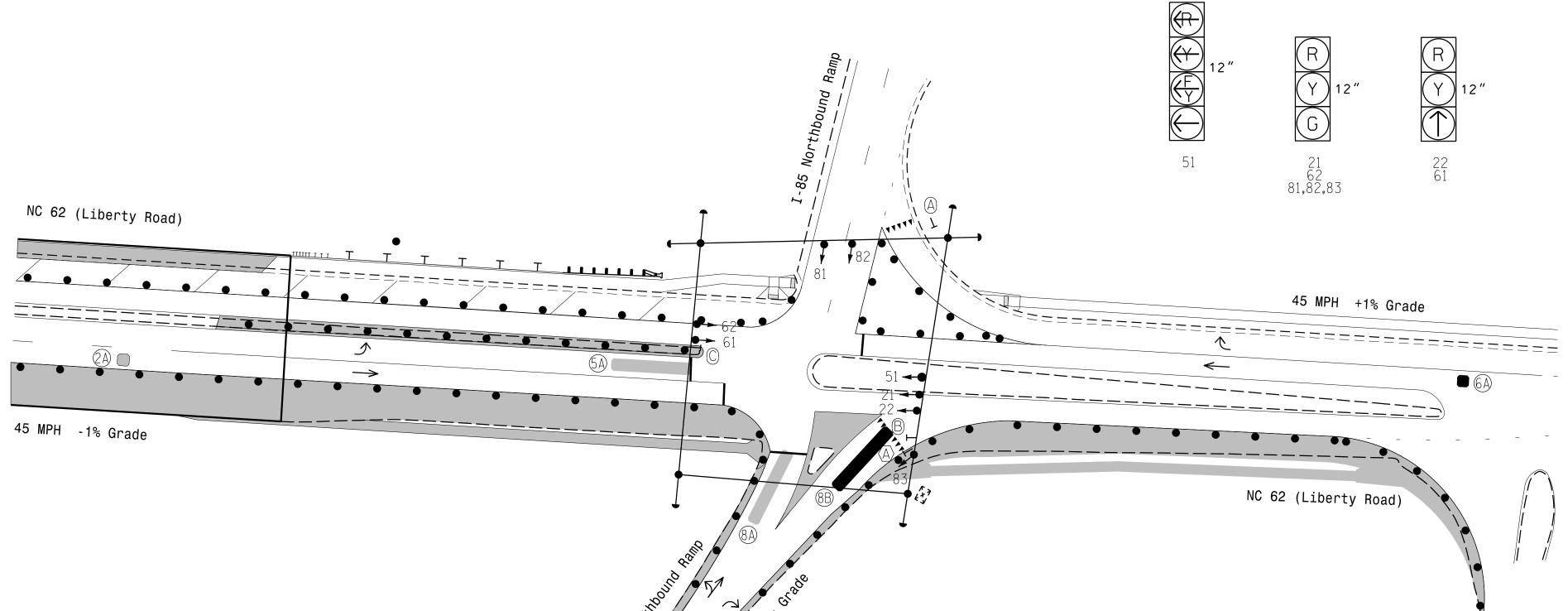
17/1522 01	<u> </u>	OPERATION PHASE				
SIGNAL FACE	2 + 5	2 + 6	8	FLASH		
21	G	G	R	R		
22	1	1	R	R		
51	-	₹	₩			
61	R	1	R	R		
62	R	G	R	R		
81,82,83	R	R	G	R		

DETECTOR			PROGRAMMING									
ZONE(S)	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PHASE	CALLING	EXTEND TIME	DELAY TIME	USE ADDED INITIAL	TYPE	SYSTEM LOOP	NEW CARD
2·A	6X6	300	**	**	2	Yes	-	-	Χ	N	-	-
E /\	CV40		\ \ \ \ \	\ \ \ \	5	Yes	-	15.0*	-	N	-	-
5A	6X40	0	**	**	2#	Yes	-	3.0	-	G	-	_
6·A	6X6	300	**	**	6	Yes	-	-	Χ	N	_	-
8·A	6X·40	0	**	**	8	Yes	_	-	-	Ν	_	-
8B	6X:40	0	**	**	8	Yes	_	30.0	_	N	_	_

*Disable delay during Alternate Phasing operation. #Disable phase call for loop during Alternate Phasing operation. ** Multizone Microwave Detection.

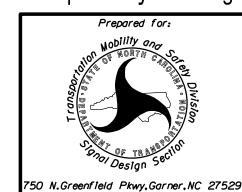
SIGNAL FACE I.D.

All Heads L.E.D.



ASC/3 TIMING CHART					
	ASE				
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	-	X	-	
Recall Position	VEH RECALL	-	VEH RECALL	-	
Dual Entry	-	-	-	-	
Simultaneous Gap	X	X	X	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



NC 6	2 (Liberty	Road)
	at	
I-85	Northbound	Ramps

Guilford County Division 7 Archdale REVIEWED BY: ZM Esposito PLAN DATE: March 2025 RKA PROJ. NO: 17380 (040)

3 Phase Fully Actuated (High Point Signal System)

PROJECT REFERENCE NO.

Sig-7.0

U-6018

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 5 may be lagged.

PROPOSED

- 4. Set all detector units to presence mode.
- 5. This intersection uses multi-zone microwave detection. Install detectors according to the manufacturer's instructions to achieve the desired detection.
- 6. The City Traffic Engineer will determine the hours of use for each phasing plan.
- 7. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.

LEGEND

Traffic Signal Head

Modified Signal Head

Sign

Pedestrian Signal Head

Signal Pole with Guy Signal Pole with Sidewalk Guy Inductive Loop Detector Controller & Cabinet Junction Box

2-in Underground Conduit Right of Way

Directional Arrow

Guardrail

Curb Ramp

Construction Zone

Construction Zone Drums

"YIELD" Sign (R1-2)

No Right Turn Sign (R3-1)

No U-Turn / No Left Turn Sign (R3-18)

■ Non-Intrusive Detection Zone □

EXISTING

●→

 \longrightarrow

1 1

N/A

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL

SIGNATURES COMPLETED

SEAL

SIG. INVENTORY NO. 07-2091T2

Signal Upgrade -Temporary Design 2 (TMP Phase II)

BDRMP

DRMP, INC.
8210 UNIVERSITY EXECUTIVE PARK DR. NC LICENSE NO. F-1524
SUITE 220
CHARLOTTE, NC 28262
PHONE: 704-549-4260

50 N.Greenfield Pkwy.Garner.NC 27529 PREPARED BY: AW P001e

1"=40'

SEAL 054155 Zachary M. Esposito3/17/202