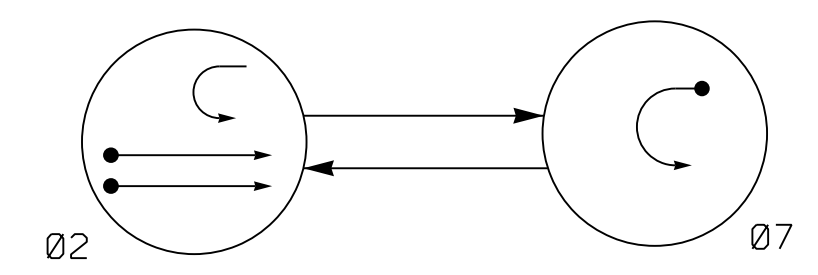
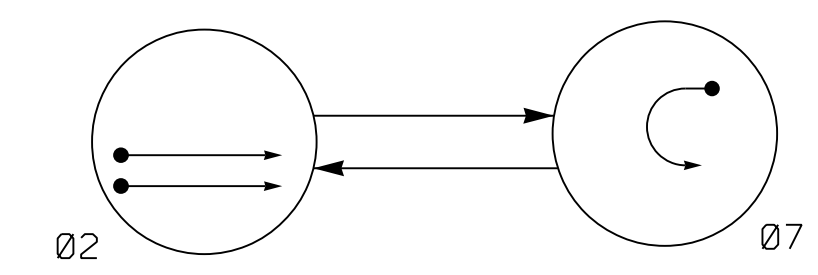


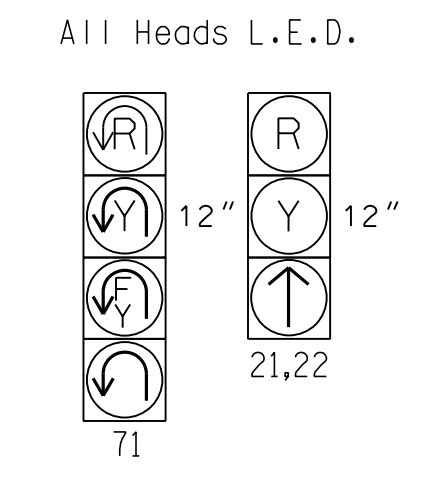
DEFAULT PHASING DIAGRAM



ALTERNATE PHASING DIAGRAM



SIGNAL FACE I.D.



DEFAULT PHASING TABLE OF OPERATION

SIGNAL FACE	PHASE		
	02	07	FLASH
21,22	↑	R	R
71	↶	↷	(R)

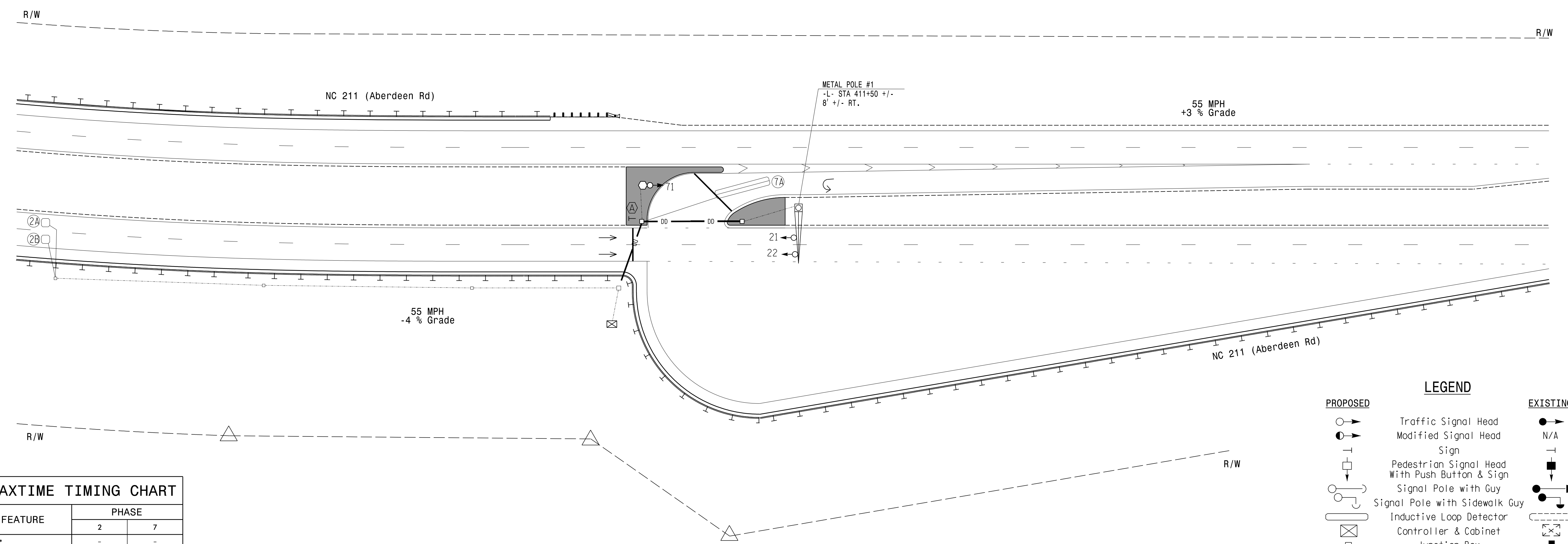
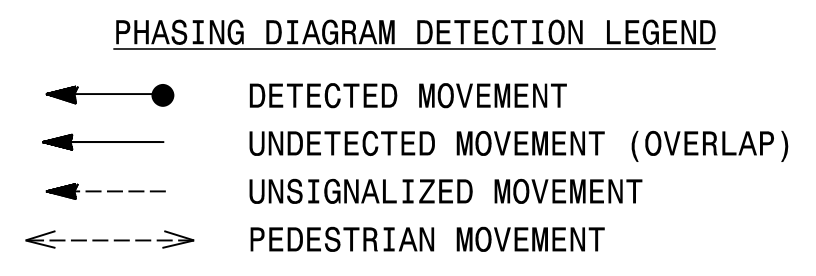
ALTERNATE PHASING TABLE OF OPERATION

SIGNAL FACE	PHASE		
	02	07	FLASH
21,22	↑	R	R
71	↶	↷	(R)

2 Phase Fully Actuated (Isolated)

NOTES

1. Refer to "Roadway Standard Drawings NCDOT" dated January 2024 and "Standard Specifications" dated January 2024.
2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
3. Set all detector units to presence mode.
4. The Division Traffic Engineer will determine the hours of use for each phasing plan.



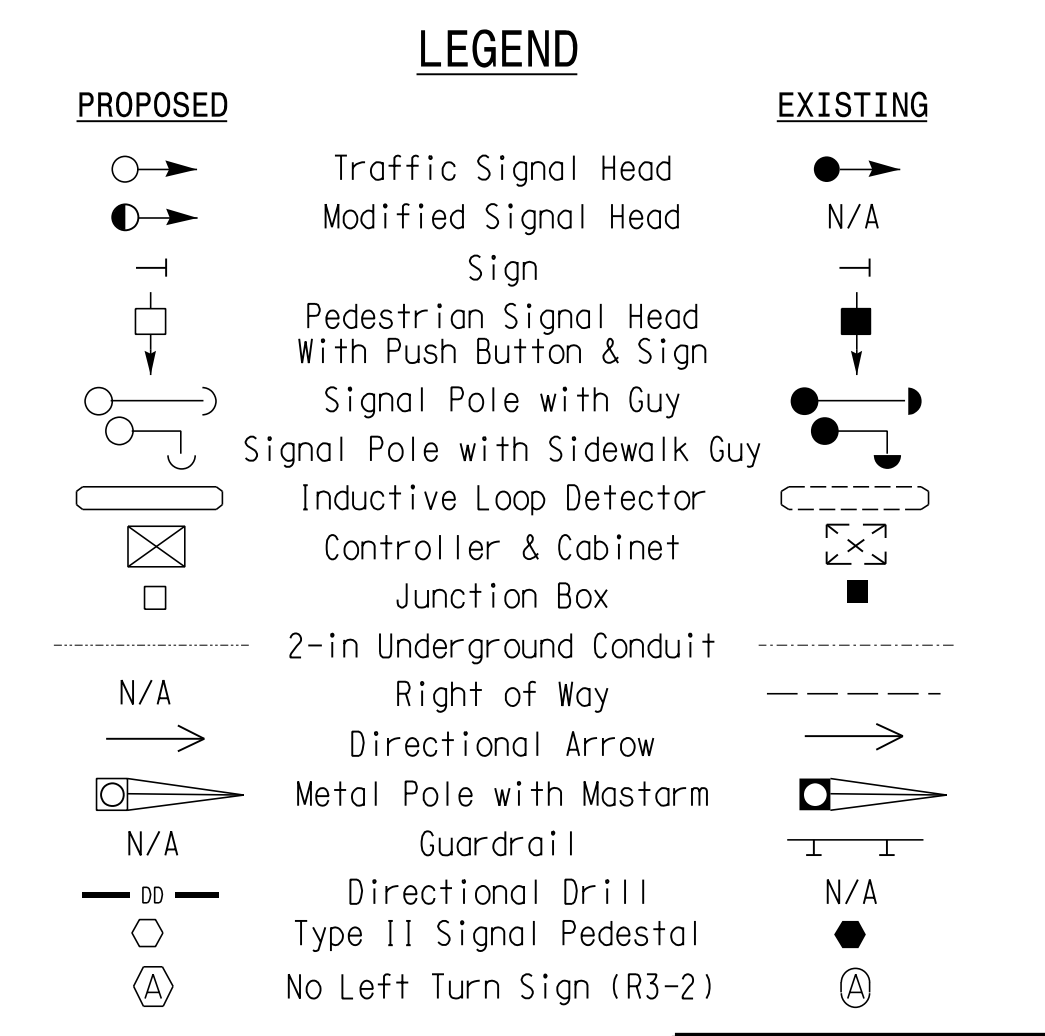
MAXTIME TIMING CHART

FEATURE	PHASE	
	2	7
Walk *	-	-
Ped Clear *	-	-
Min Green	14	7
Passage *	6.0	2.0
Max 1 *	100	25
Yellow Change	5.6	3.0
Red Clear	1.0	5.1
Added Initial *	1.5	-
Maximum Initial *	46	-
Time Before Reduction *	15	-
Time To Reduce *	30	-
Minimum Gap	3.4	-
Advance Walk	-	-
Non Lock Detector	-	X
Vehicle Recall	MIN RECALL	-
Dual Entry	-	-

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	
2A	6X6	420	5	X	2	-	-	X	X	X	-	X
2B	6X6	420	5	X	2	-	-	X	X	X	-	X
7A	6X40	0	2-4-2	X	7	15.0#	-	X	-	X	-	X

Disable Delay Time During Alternate Phasing Operation.



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

New Installation

RK&K
 P: (919) 878-9560
 8601 Six Forks Road, Forum 1, Suite 700
 Raleigh, North Carolina 27615-3960
 NC License No. F-0112

Prepared for the Offices of:

 750 N. Greenfield Pkwy, Garner, NC 27529

NC 211 Eastbound At U-Turn North of SR 1219 (Army Rd)
 Division 8 Hoke County Ashley Heights
 PLAN DATE: August 2024 REVIEWED BY: WP Erickson-Jones
 PREPARED BY: VS Kondapally REVIEWED BY:

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL

 PORTER JONES
 ENGINEER

0 SCALE
 1" = 40'

REVISIONS	INIT.	DATE

Porter Jones
 ENGINEER
 8/28/2024
 SIGNATURE DATE
 SIG. INVENTORY NO. 08-0486

8/27/2024
 R:\Projects\2024\08\08-0486.dgn
 wplones