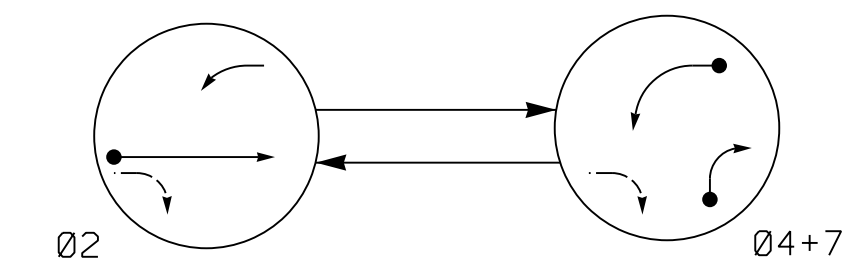
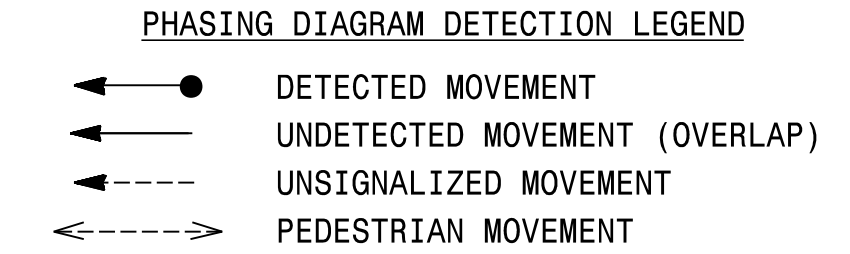
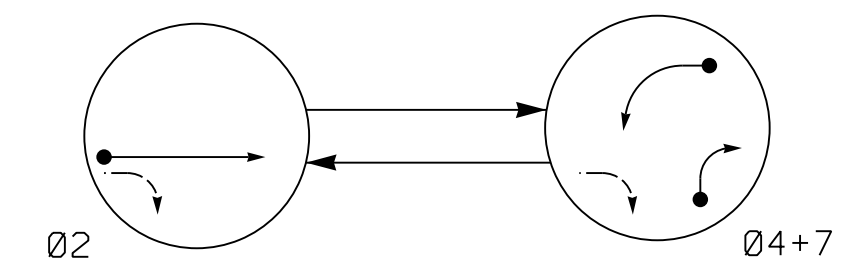


2 Phase Fully Actuated (Isolated)

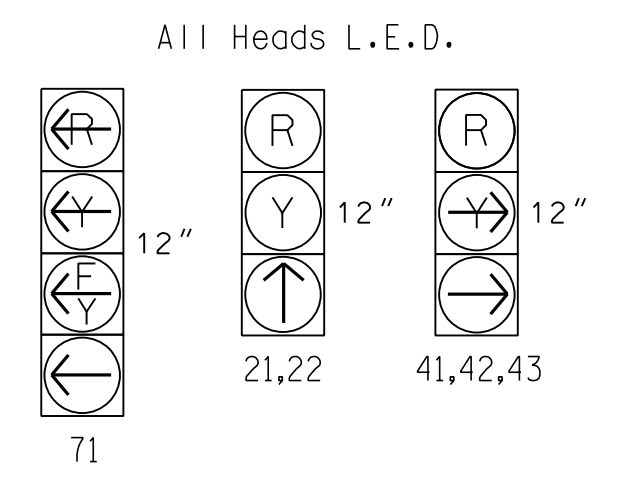
DEFAULT PHASING DIAGRAM



ALTERNATE PHASING DIAGRAM



SIGNAL FACE I.D.



DEFAULT PHASING TABLE OF OPERATION

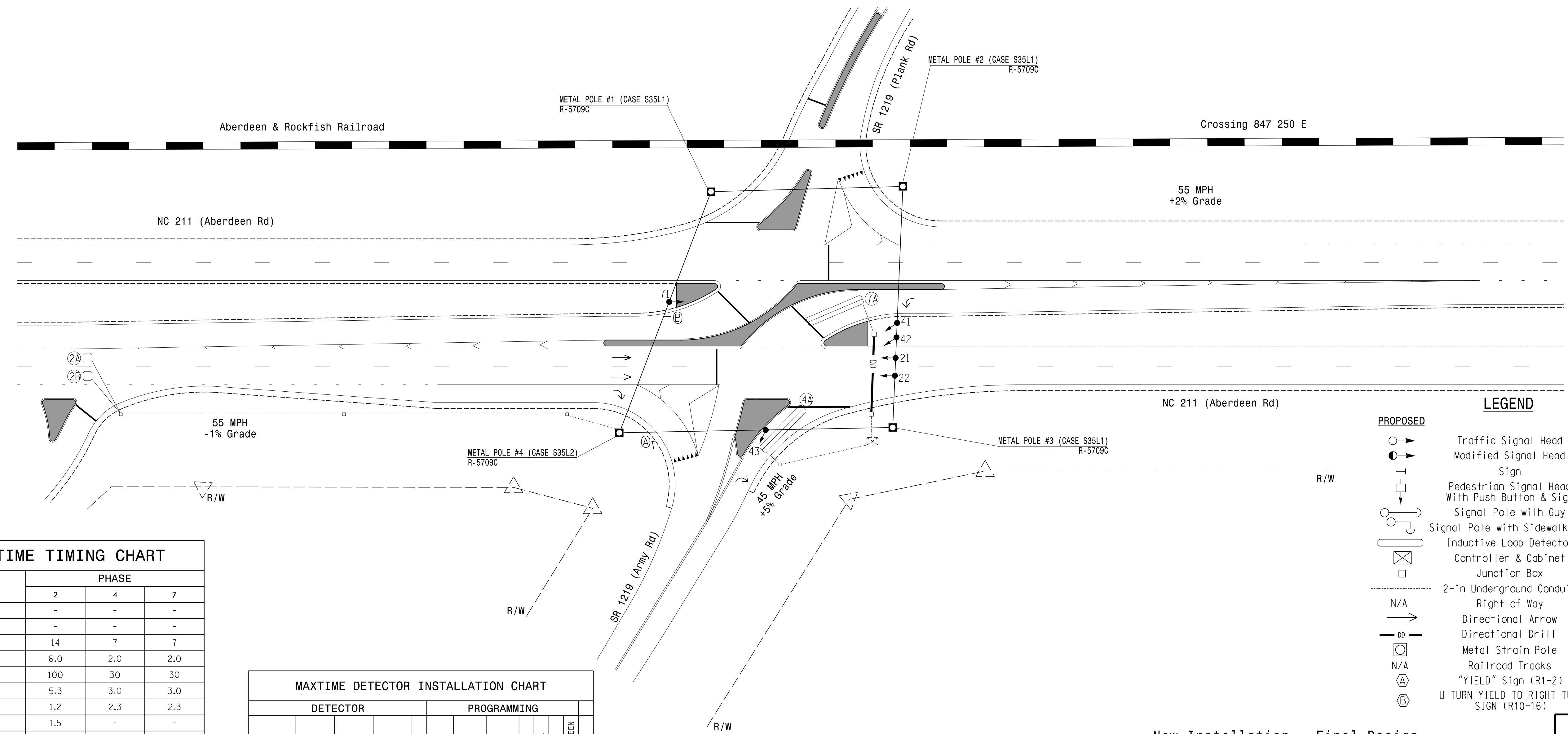
SIGNAL FACE	02	04+7	FLASH
21,22	↑	R	R
41,42,43	R	→	R
71	←	←	←

ALTERNATE PHASING TABLE OF OPERATION

SIGNAL FACE	02	04+7	FLASH
21,22	↑	R	R
41,42,43	R	→	R
71	←	←	←

NOTES

- Refer to "Roadway Standard Drawings NCDOT" dated January 2024 and "Standard Specifications" dated January 2024.
- Reposition existing signal heads numbered 21 and 22.
- Set all detector units to presence mode. sight distance of vehicles turning red on right.
- The Division Traffic Engineer will determine the hours of use for each phasing plan.

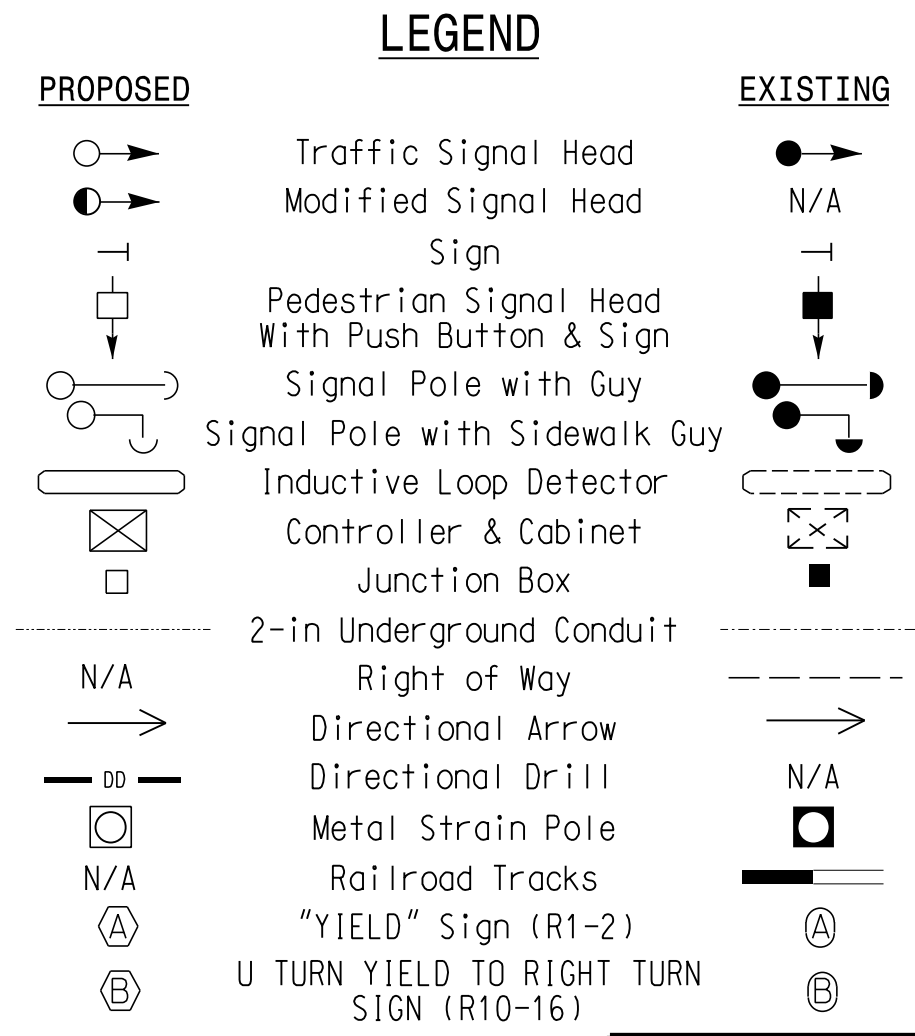


**MAXTIME TIMING CHART**

FEATURE	PHASE		
	2	4	7
Walk *	-	-	-
Ped Clear *	-	-	-
Min Green	14	7	7
Passage *	6.0	2.0	2.0
Max 1 *	100	30	30
Yellow Change	5.3	3.0	3.0
Red Clear	1.2	2.3	2.3
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	X
Vehicle Recall	MIN RECALL	-	-
Dual Entry	-	X	X

**MAXTIME DETECTOR INSTALLATION CHART**

LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	PROGRAMMING								
				NEW LOOP	CALL PHASE	DELAY TIME	EXTEND TIME	EXTEND	ADDED INITIAL	CALL	DELAY DURING GREEN	NEW CARD
2A	6X6	420	6	X	2	-	-	X	X	X	-	X
4A	6X40	0	2-4-2	X	4	15.0	-	X	-	X	-	X
7A	6X40	0	2-4-2	X	7	15.0*	-	X	-	X	-	X



**New Installation - Final Design**

NC 211 WB (Aberdeen Rd)  
At  
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:

REVISIONS

NO.	DESCRIPTION	INIT.	DATE

SCALE: 1" = 40'

8/28/2024

SIG. INVENTORY NO. 08-0269

**RK&K**

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