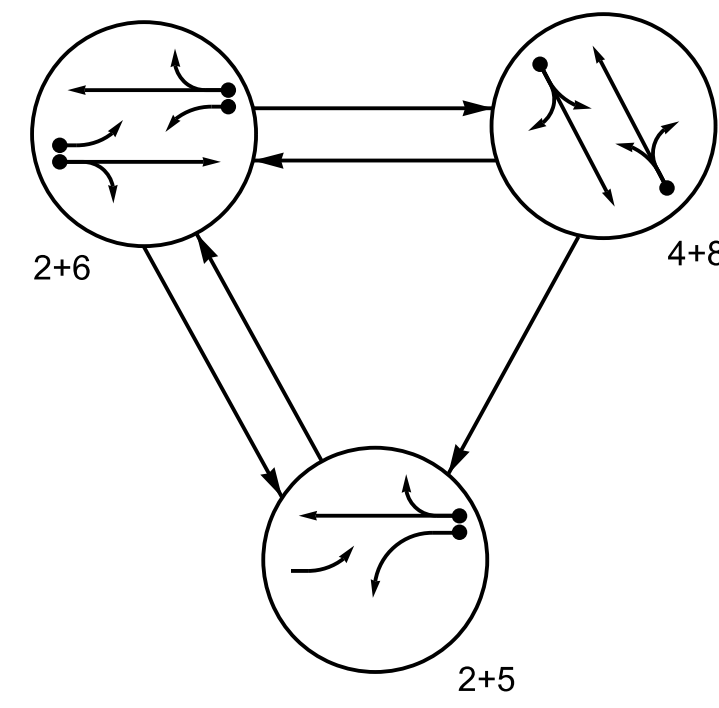


DEFAULT PHASING DIAGRAM

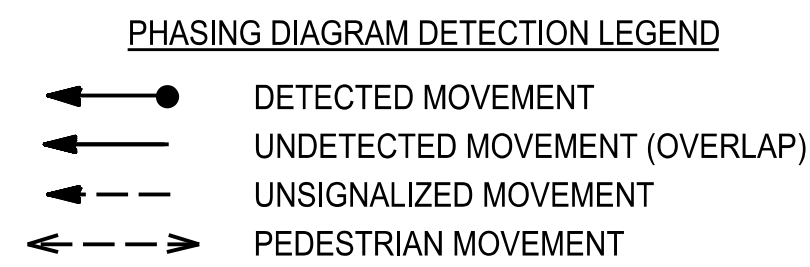
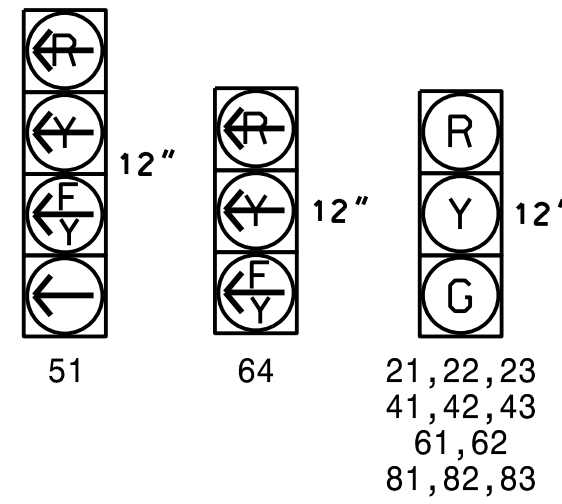


DEFAULT PHASING TABLE OF OPERATION

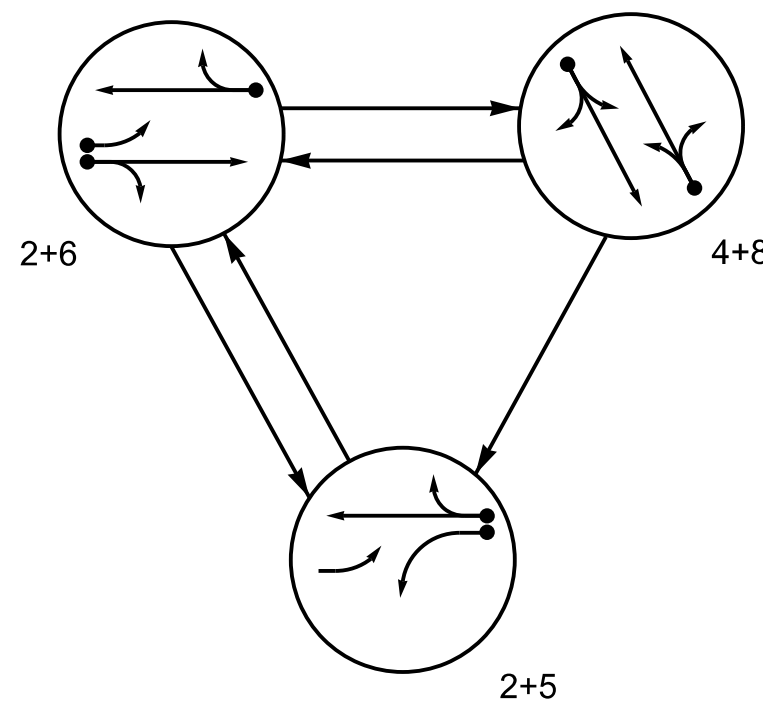
SIGNAL FACE	PHASE			
	2+5	2+6	4+8	FLASH
21, 22, 23	G	G	R	R
41, 42, 43	R	R	G	R
51	-	F	R	R
61, 62	R	G	R	R
64	F	F	R	R
81, 82, 83	R	R	G	R

SIGNAL FACE I.D.

All Heads L.E.D.



ALTERNATE PHASING DIAGRAM



ALTERNATE PHASING TABLE OF OPERATION

SIGNAL FACE	PHASE			
	2+5	2+6	4+8	FLASH
21, 22, 23	G	G	R	R
41, 42, 43	R	R	G	R
51	-	R	R	R
61, 62	R	G	R	R
64	F	F	R	R
81, 82, 83	R	R	G	R

MAXTIME DETECTOR INSTALLATION CHART

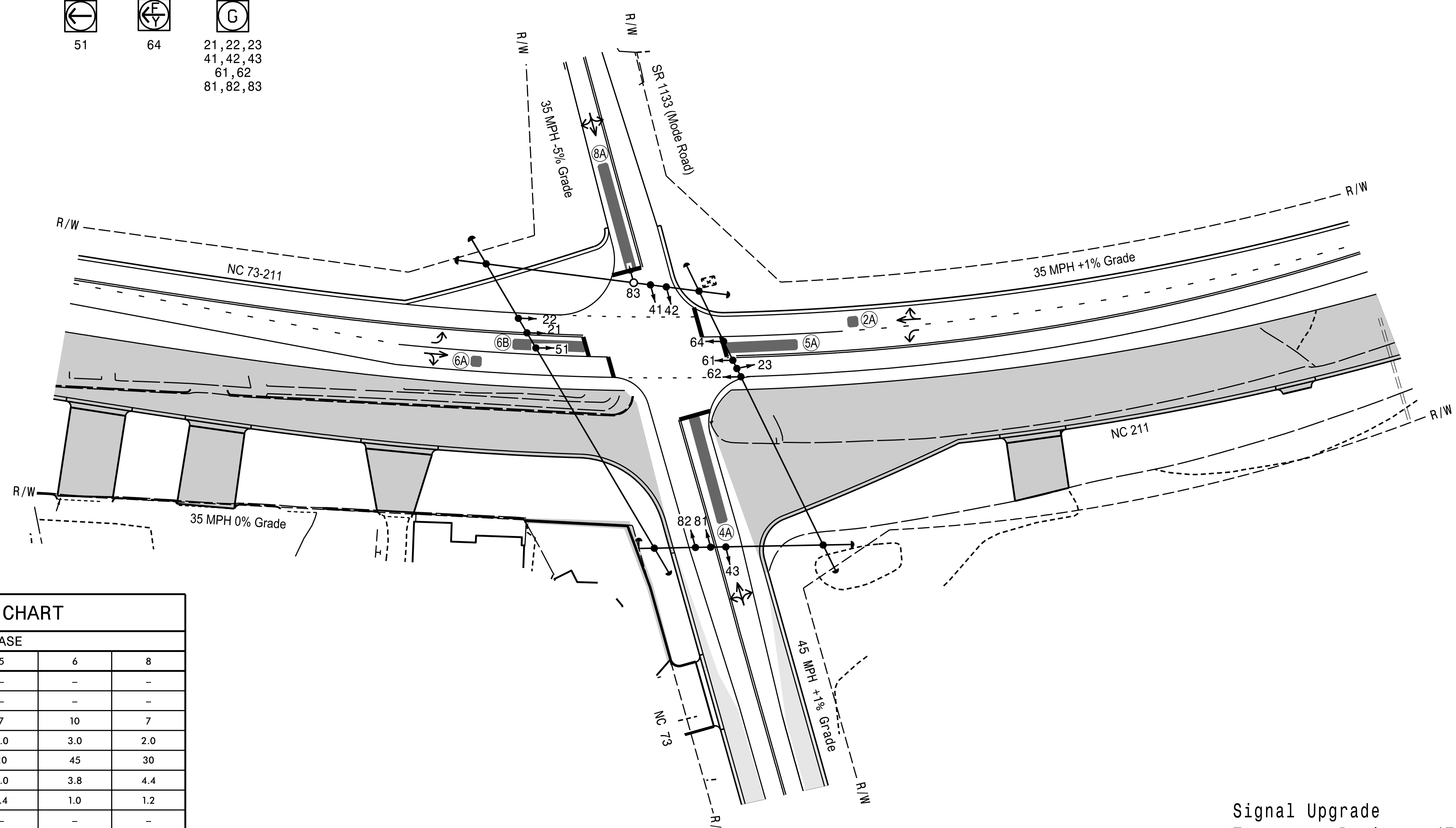
ZONE	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PROGRAMMING							
					CALL PHASE	DELAY TIME	EXTEND TIME	EXTEND	ADDED INITIAL	CALL	DELAY DURING GREEN	NEW CARD
2A *	6X6	70	*	*	2	-	-	X	-	X	-	*
4A *	6X60	0	*	*	4	10.0	-	X	-	X	-	*
5A *	6X40	0	*	*	5	15.0#	-	X	-	X	-	*
					2##	-	-	X	-	X	-	*
6A *	6X6	70	*	*	6	-	-	X	-	X	-	*
6B *	6X40	0	*	*	6	-	-	X	-	X	-	*
8A *	6X60	0	*	*	8	10.0	-	X	-	X	-	*

Disable Delay During Alternate Phasing Operation
 ## Disable Phase Call for Loop During Alternate Phasing Operation
 * Video Detection Zone

3 Phase Fully Actuated (Isolated)

NOTES

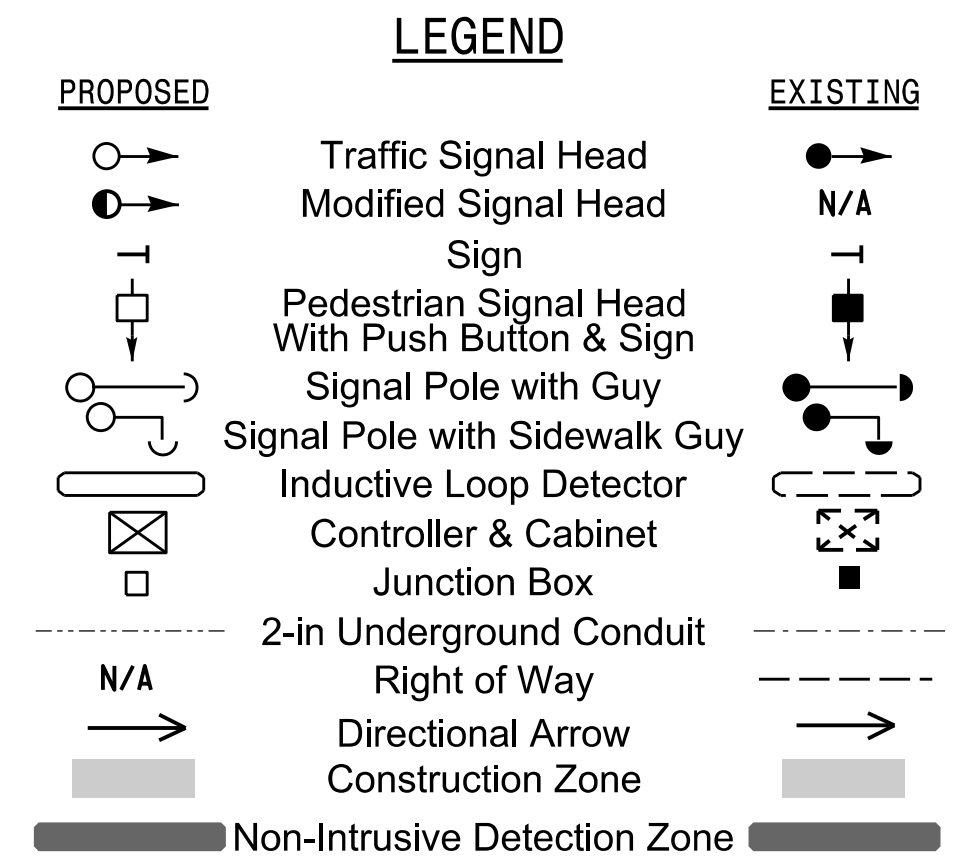
- Refer to "Roadway Standard Drawings NCDOT" dated January 2018 and "Standard Specifications for Roads and Structures" dated January 2018.
- Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- Phase 5 may be lagged.
- Reposition existing signal heads numbered 21,22,23,51,61,62 and 64.
- Set all detector units to presence mode.
- The Division Traffic Engineer will determine the hours of use for each phasing plan.
- This intersection uses video detection. Install detectors according to the manufacturer's instructions to achieve the desired detection.



MAXTIME TIMING CHART

FEATURE	PHASE				
	2	4	5	6	8
Walk *	-	-	-	-	-
Ped Clear *	-	-	-	-	-
Min Green *	10	7	7	10	7
Passage *	3.0	2.0	2.0	3.0	2.0
Max I *	45	30	20	45	30
Yellow Change	3.8	4.4	3.0	3.8	4.4
Red Clear	1.0	1.2	1.4	1.0	1.2
Added Initial *	-	-	-	-	-
Maximum Initial *	-	-	-	-	-
Time Before Reduction *	-	-	-	-	-
Time To Reduce *	-	-	-	-	-
Minimum Gap	-	-	-	-	-
Advance Walk	-	-	-	-	-
Non Lock Detector	-	X	X	-	X
Vehicle Recall	MIN RECALL	-	-	MIN RECALL	-
Dual Entry	-	X	-	-	X

* These values may be field adjusted. Do not adjust Min Green and Passage times for phases 2 and 6 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.



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Prepared for:

 LD Stouchko
 SCALE: 1" = 40'

NC 73-211/NC 211
 at
 NC 73/SR 1133 (Mode Rd)
 Division 8 Moore County West End
 PLAN DATE: June 2024 REVIEWED BY: R. Mullinax
 PREPARED BY: LD Stouchko REVIEWED BY:

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL

 LD Stouchko
 SIGNATURE DATE
 SIG. INVENTORY NO. 08-009814