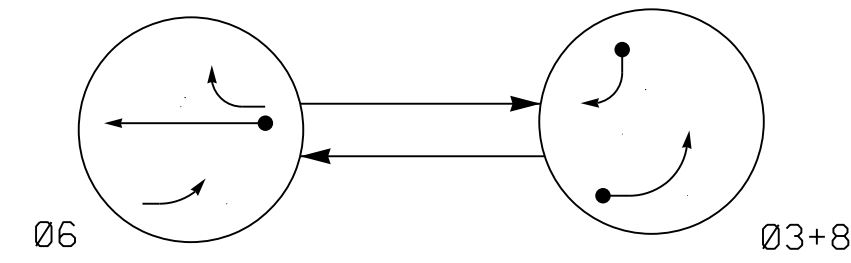
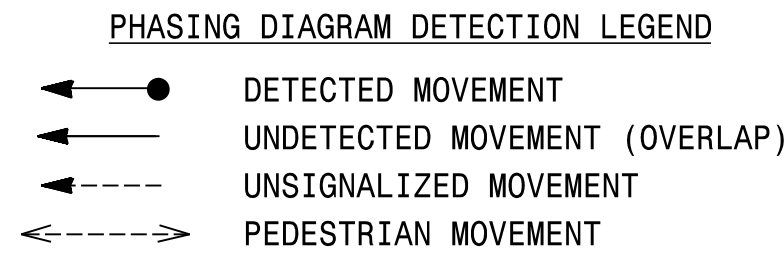
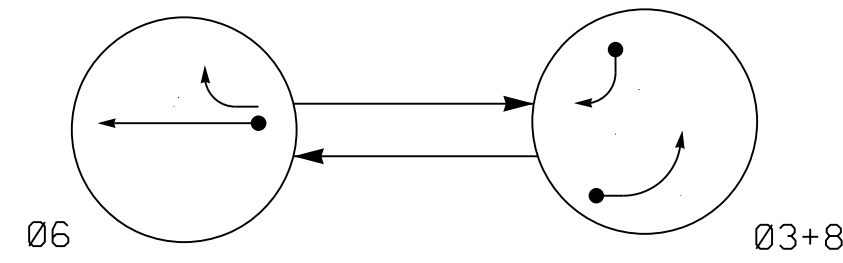


DEFAULT PHASING DIAGRAM



ALTERNATE PHASING DIAGRAM



DEFAULT PHASING TABLE OF OPERATION

SIGNAL FACE	PHASE		
	06	03+8	F
31,32	F	Y	Y
61	↑	R	Y
62	G	R	Y
63	F	R	Y
81, 82, 83	R	→	R

ALTERNATE PHASING TABLE OF OPERATION

SIGNAL FACE	PHASE		
	06	03+8	F
31,32	↑	Y	Y
61	↑	R	Y
62	G	R	Y
63	F	R	Y
81, 82, 83	R	→	R

MAXTIME DETECTOR INSTALLATION CHART

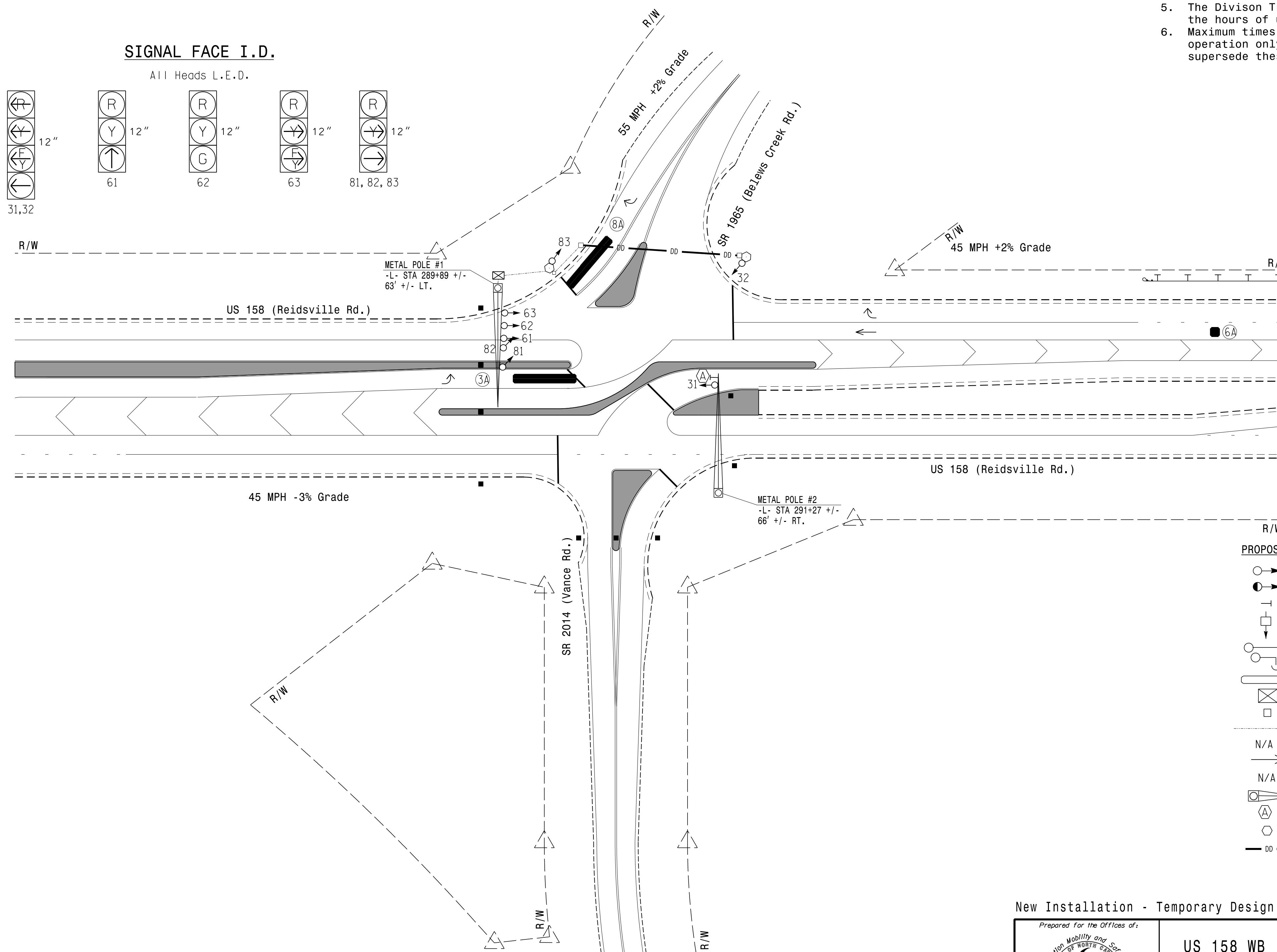
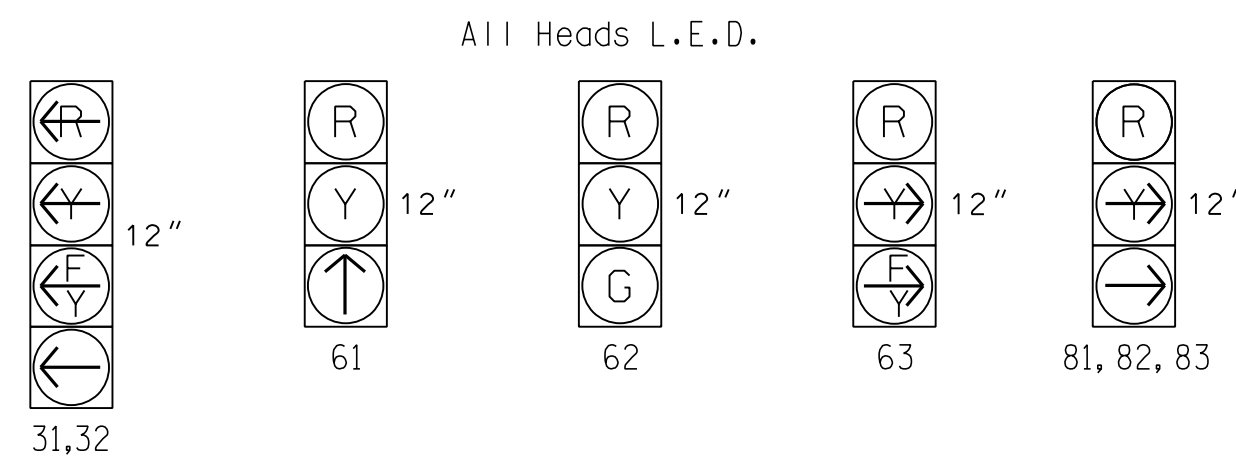
ZONE	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PROGRAMMING						
					CALL PHASE	DELAY TIME	EXTEND TIME	EXTEND INITIAL	CALL	DELAY DURING GREEN	
3A *	6X40	0	*	*	3	15#	-	X	X	-	*
6A *	6X6	300	*	*	6	-	-	X	X	X	*
8A *	6X40	0	*	*	8	15	-	X	X	X	*

* Video Detection Zone
Disable Delay During Alternate Phasing Operation.

2 Phase Fully Actuated (Isolated) NOTES

- Refer to "Roadway Standard Drawings NCDOT" dated January 2024 and "Standard Specifications for Roads and Structures" dated January 2024.
- Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- Set all detector units to presence mode.
- Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- The Division Traffic Engineer will determine the hours of use for each phasing plan.
- Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.

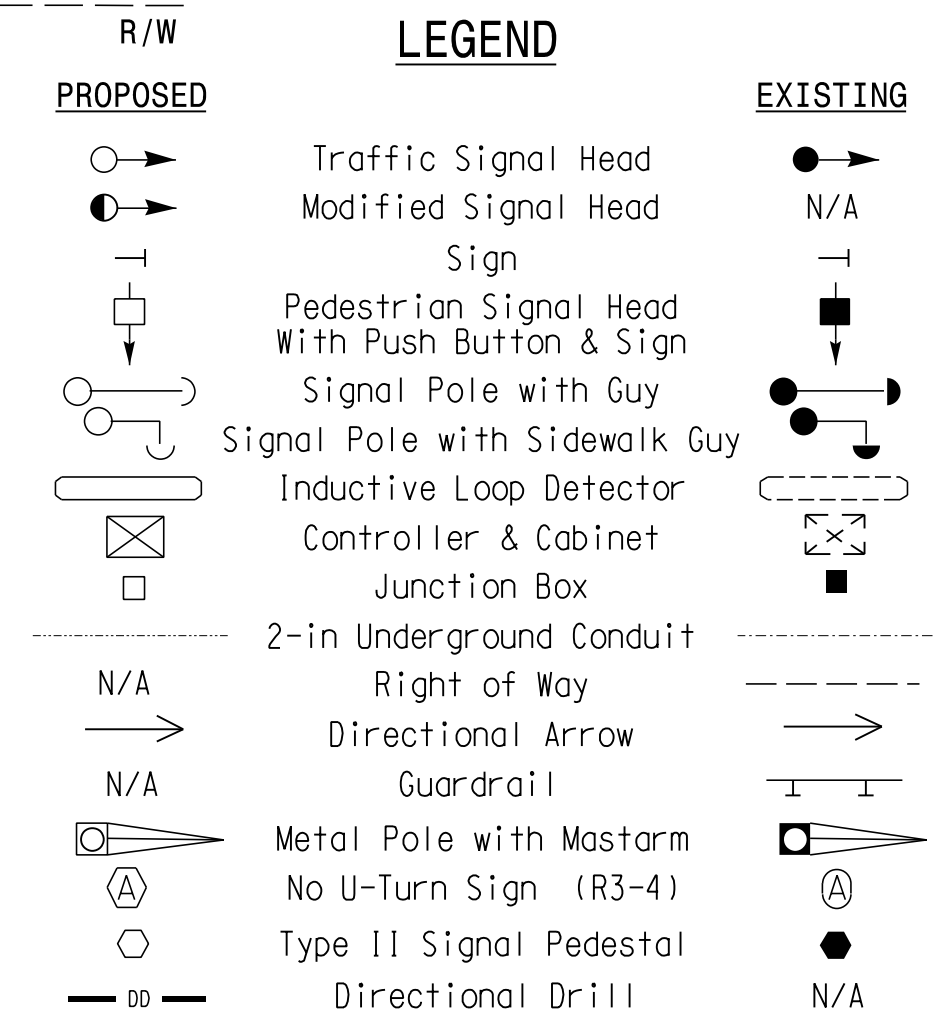
SIGNAL FACE I.D.



MAXTIME TIMING CHART

FEATURE	PHASE		
	3	6	8
Walk *	-	-	-
Ped Clear *	-	-	-
Min Green	7	12	7
Passage *	2.0	6.0	2.0
Max I *	30	90	30
Yellow Change	3.0	4.3	3.0
Red Clear	2.3	1.6	2.3
Added Initial *	-	2.5	-
Maximum Initial *	-	34	-
Time Before Reduction *	-	15	-
Time To Reduce *	-	30	-
Minimum Gap	-	3.0	-
Advance Walk	-	-	-
Non Lock Detector	X	-	X
Vehicle Recall	-	MIN RECALL	-
Dual Entry	X	-	X

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



New Installation - Temporary Design (TMP Phase III Step 3)

Prepared for the Offices of:

 TRANSPORTATION MOBILITY AND SAFETY DIVISION
 STATE OF NORTH CAROLINA
 SIGNAL DESIGN SECTION

US 158 WB (Reidsville Rd.)
 at
 SR 1965 (Belews Creek Rd.)
 Division 9 Forsyth County Walkertown

PLAN DATE: February 2024 REVIEWED BY: WP Erickson-Jones
 PREPARED BY: H Townsend REVIEWED BY:

REVISIONS: _____ INIT. DATE

SCALE: 0 40
1" = 40'

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL

 PORTER JONES
 ENGINEER

DocuSigned by:
 Porter Jones
 2/12/2024

SIG. INVENTORY NO. 09-0985T

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2/12/2024
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