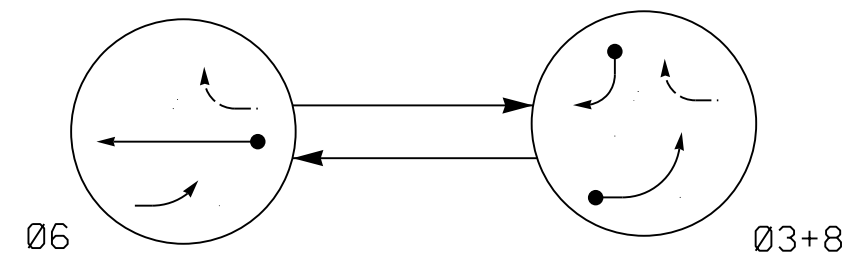
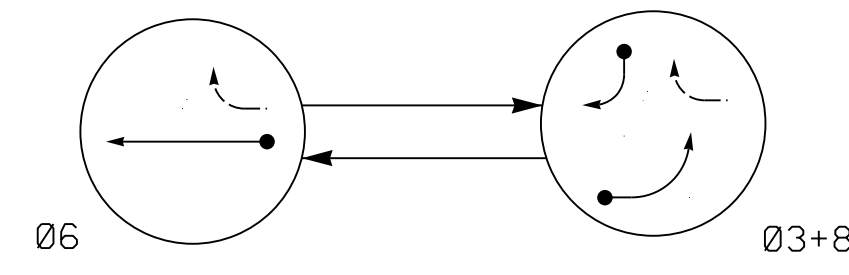


DEFAULT PHASING DIAGRAM



ALTERNATE PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND
 ● DETECTED MOVEMENT
 — UNDETECTED MOVEMENT (OVERLAP)
 - - - UNSIGNALIZED MOVEMENT
 - - - PEDESTRIAN MOVEMENT

DEFAULT PHASING TABLE OF OPERATION

SIGNAL FACE	PHASE		
	06	03+8	FLASH
31	←	←	←
61, 62	↑	↑	↑
81, 82	→	→	→

DEFAULT PHASING TABLE OF OPERATION

SIGNAL FACE	PHASE		
	06	03+8	FLASH
31	←	←	←
61, 62	↑	↑	↑
81, 82	→	→	→

MAXTIME DETECTOR INSTALLATION CHART

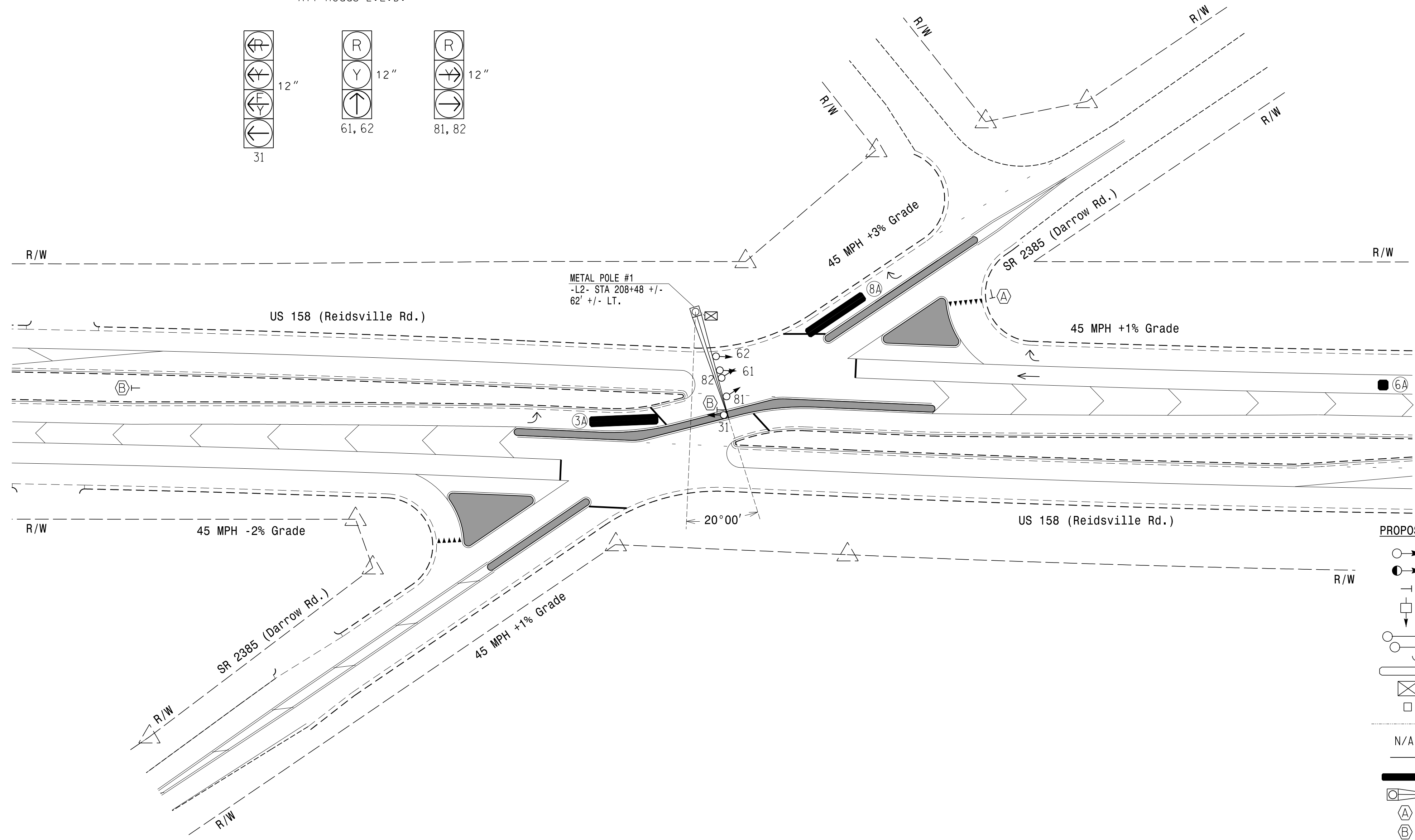
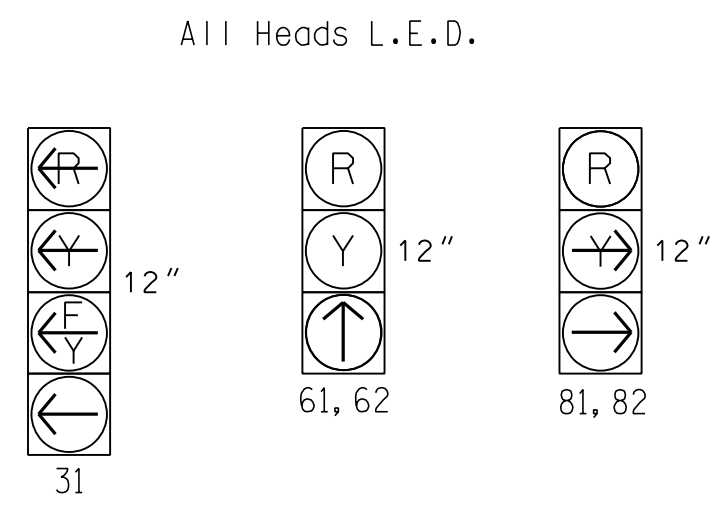
ZONE	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PROGRAMMING							
					CALL PHASE	DELAY TIME	EXTEND TIME	EXTEND INITIAL	CALL	DELAY DURING GREEN		
3A *	6X40	0	*	*	3	15 #	-	X	-	X	-	*
6A *	6X6	300	*	*	6	-	-	X	X	X	-	*
8A *	6X40	0	*	*	8	15	-	X	-	X	-	*

* 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.
- This intersection uses video detection. Install detectors according to the manufacturer's instructions to achieve the desired detection.

SIGNAL FACE I.D.

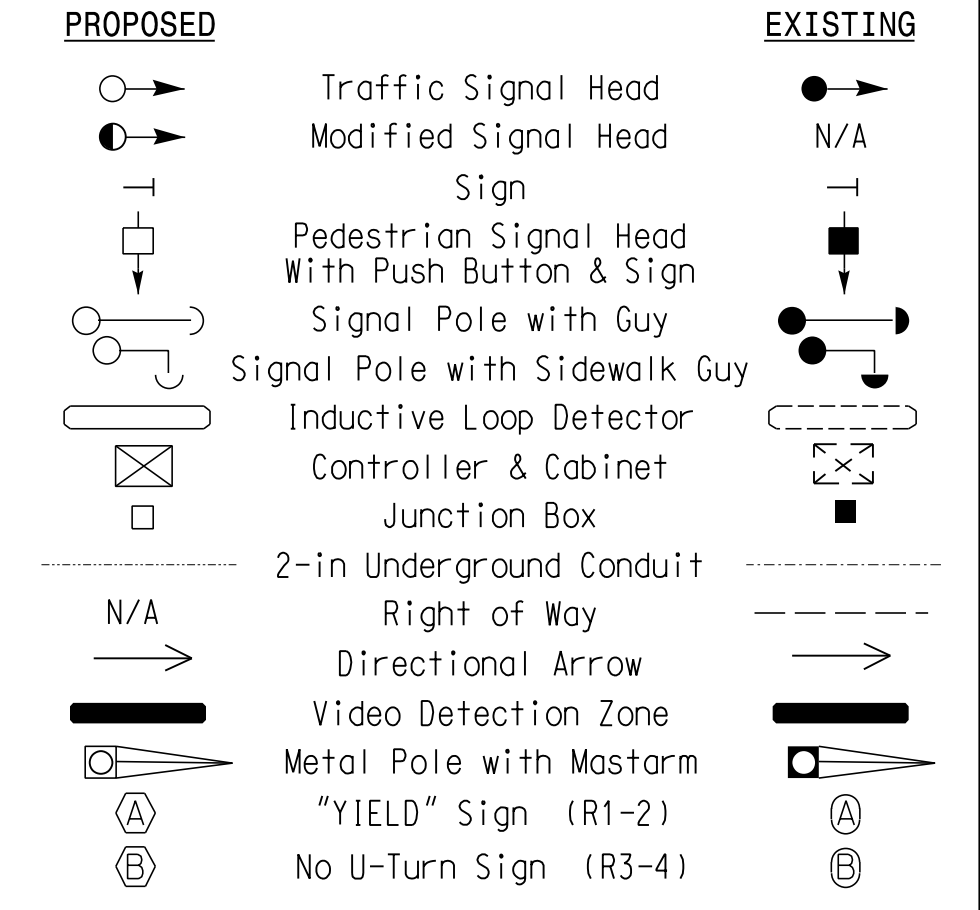


MAXTIME TIMING CHART

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	4.4	3.0
Red Clear	3.2	1.2	3.2
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.

LEGEND



New Installation - Temporary Design (TMP Phase III Step 5)

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared for the Offices of:
 Transportation Mobility and Safety Division
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 SIGNAL DESIGN SECTION

US 158 WB (Reidsville Rd.)
 at
 SR 2385 (Darrow Rd.)
 Division 9 Forsyth County Walkertown
 PLAN DATE: February 2024 REVIEWED BY: WP Erickson-Jones
 PREPARED BY: H Townsend REVIEWED BY:

REVISIONS	INIT.	DATE

SEAL
 NORTH CAROLINA PROFESSIONAL ENGINEER
 SEAL 056142
 W. PORTER JONES
 PORTER JONES ENGINEERS
 2/12/2024
 SIGNATURE DATE
 SIG. INVENTORY NO. 09-0984T

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 SCALE
 0 40
 1" = 40'

2/12/2024
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 wplones