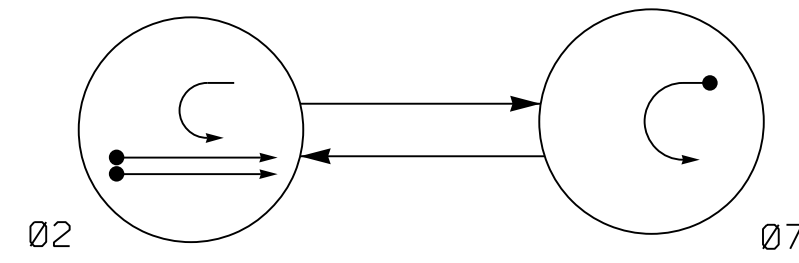
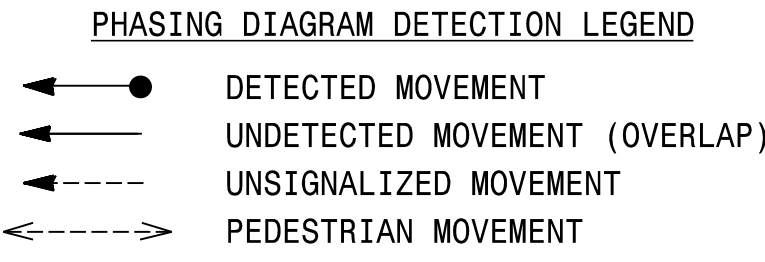
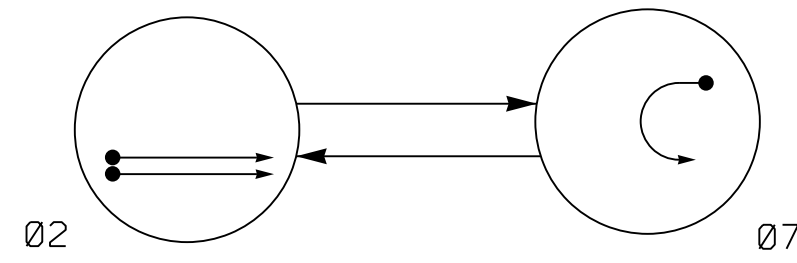


DEFAULT PHASING DIAGRAM



ALTERNATE PHASING DIAGRAM



DEFAULT PHASING TABLE OF OPERATION

SIGNAL FACE	PHASE		
	02	07	FLASH
21,22	↑	R	Y
71	←	←	←
72	←	←	←

ALTERNATE PHASING TABLE OF OPERATION

SIGNAL FACE	PHASE		
	02	07	FLASH
21,22	↑	R	Y
71	←	←	←
72	←	←	←

MAXTIME DETECTOR INSTALLATION CHART

ZONE	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PROGRAMMING							
					CALL PHASE	DELAY TIME	EXTEND TIME	EXTEND INITIAL	ADDED INITIAL	CALL	DELAY DURING GREEN	NEW CARD
2A *	6X6	300	*	*	2	-	-	X	X	X	-	*
7A *	6X40	0	*	*	7	15#	-	X	X	X	-	*

# Disable Delay During Alternate Phasing Operation.  
\* Video Detection Zone

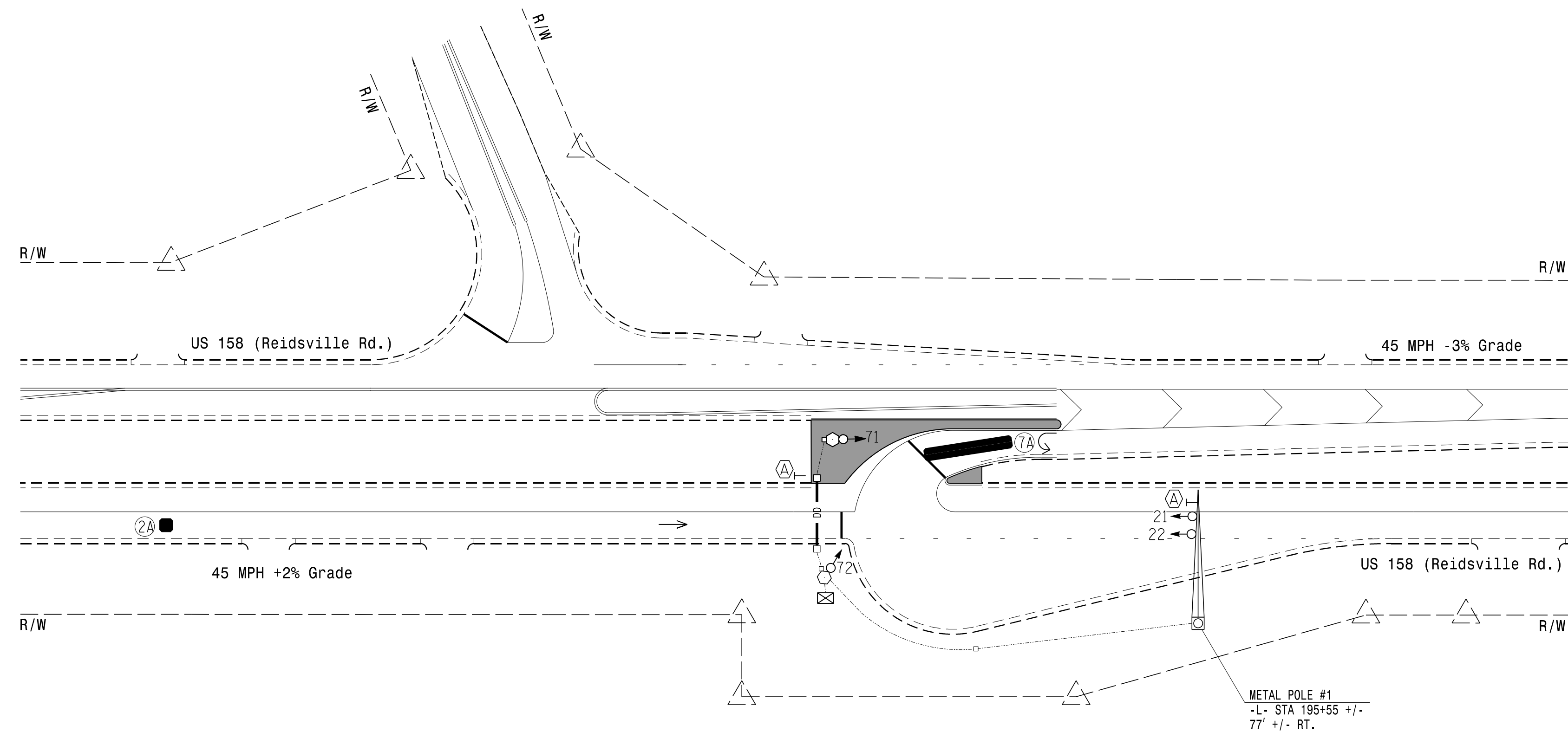
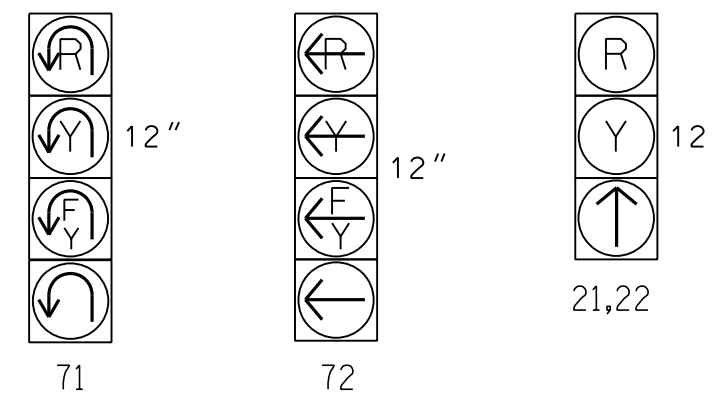
2 Phase Fully Actuated (Isolated)

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.
- 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.

SIGNAL FACE I.D.

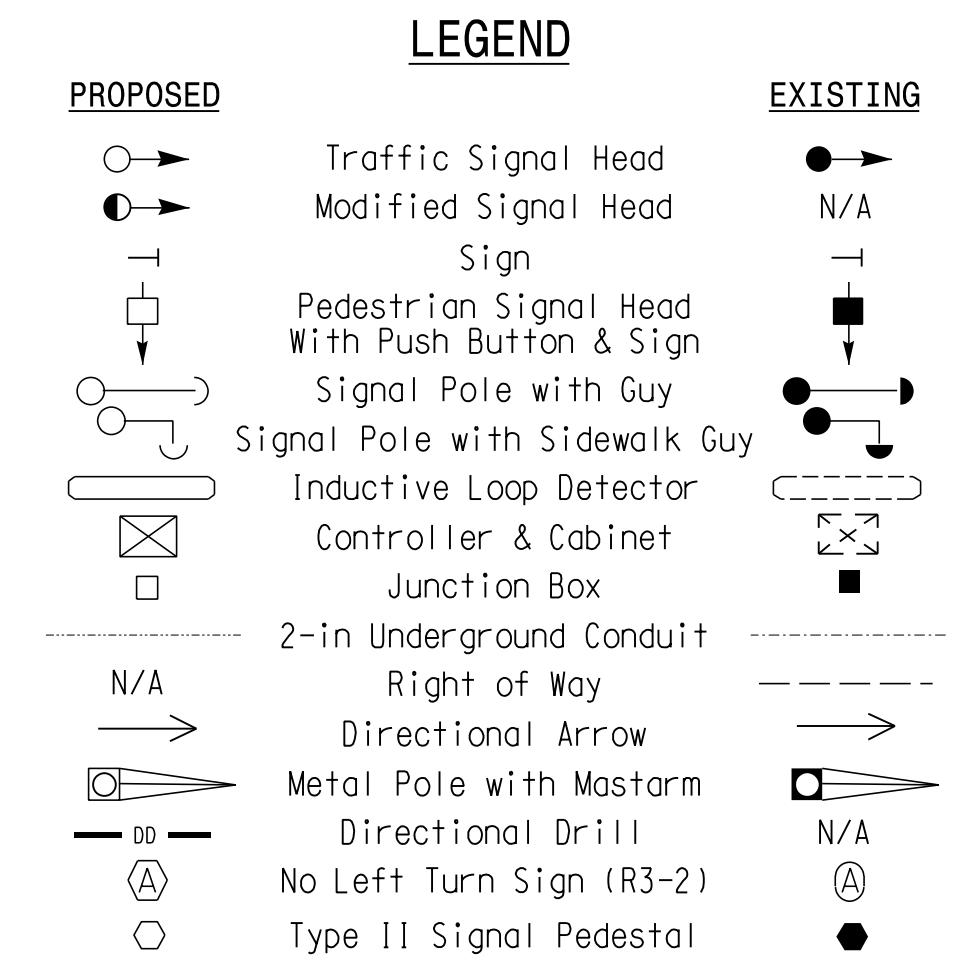
All Heads L.E.D.



MAXTIME TIMING CHART

FEATURE	PHASE	
	2	7
Walk *	-	-
Ped Clear *	-	-
Min Green	12	7
Passage *	6.0	2.0
Max I *	90	30
Yellow Change	4.3	3.0
Red Clear	1.0	3.9
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
Vehicle Recall	MIN RECALL	-
Dual Entry	-	-

\* 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 (TMP Phase III Step 3)

**RK&K**  
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Prepared for the Offices of:  
TRANSPORTATION MOBILITY AND SAFETY DIVISION  
DEPARTMENT OF TRANSPORTATION  
SIGNAL DESIGN SECTION  
750 N. Greenfield Pkwy, Garner, NC 27529

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

REVISIONS	INIT.	DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL  
NORTH CAROLINA PROFESSIONAL ENGINEER  
SEAL 056142  
W. PORTER JONES  
DocuSign by  
Porter Jones  
2/12/2024  
SIGNATURE DATE  
SIG. INVENTORY NO. 09-0983T