PHASING DIAGRAM DETECTION LEGEND

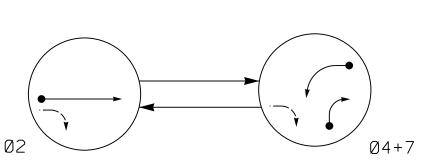
UNSIGNALIZED MOVEMENT

UNDETECTED MOVEMENT (OVERLAP)

DETECTED MOVEMENT

←−−−→ PEDESTRIAN MOVEMENT

ALTERNATE PHASING DIAGRAM



DEFAULT PHASING TABLE OF OPERATION				ALTERNATE TABLE OF O			
	Р	'HAS	Ε		Р	E	
SIGNAL FACE	Ø 2	Ø 4 + 7	FLAST	SIGNAL FACE	Ø 2	Ø 4 + 7	FLAST
21, 22	†	R	Υ	21, 22	1	R	Υ
41, 42	R	-	R	41, 42	R	-	R
71	F Y	<u> </u>	¥	71	-R	-	⊸ Y

SIGNAL FACE I.D.

All Heads L.E.D.

MAXTIME DETECTOR INSTALLATION CHART												
DETECTOR					PROGRAMMING							
ZONE	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	CALL PHASE	DELAY TIME	EXTEND TIME	EXTEND	ADDED INITIAL	CALL	DELAY DURING GREEN	NEW CARD
2A	6X6	300	*	*	2	ı	•	Χ	Χ	Χ	1	*
4A	6X40	0	*	*	4	15	-	Χ	-	Χ	•	*
7A	6X40	0	*	*	7	15#	-	Χ	-	Χ	-	*

* Video Detection Zone

Disable Delay During Alternate Phasing Operation.

PROJECT REFERENCE NO. R-2577A Sig. 26.

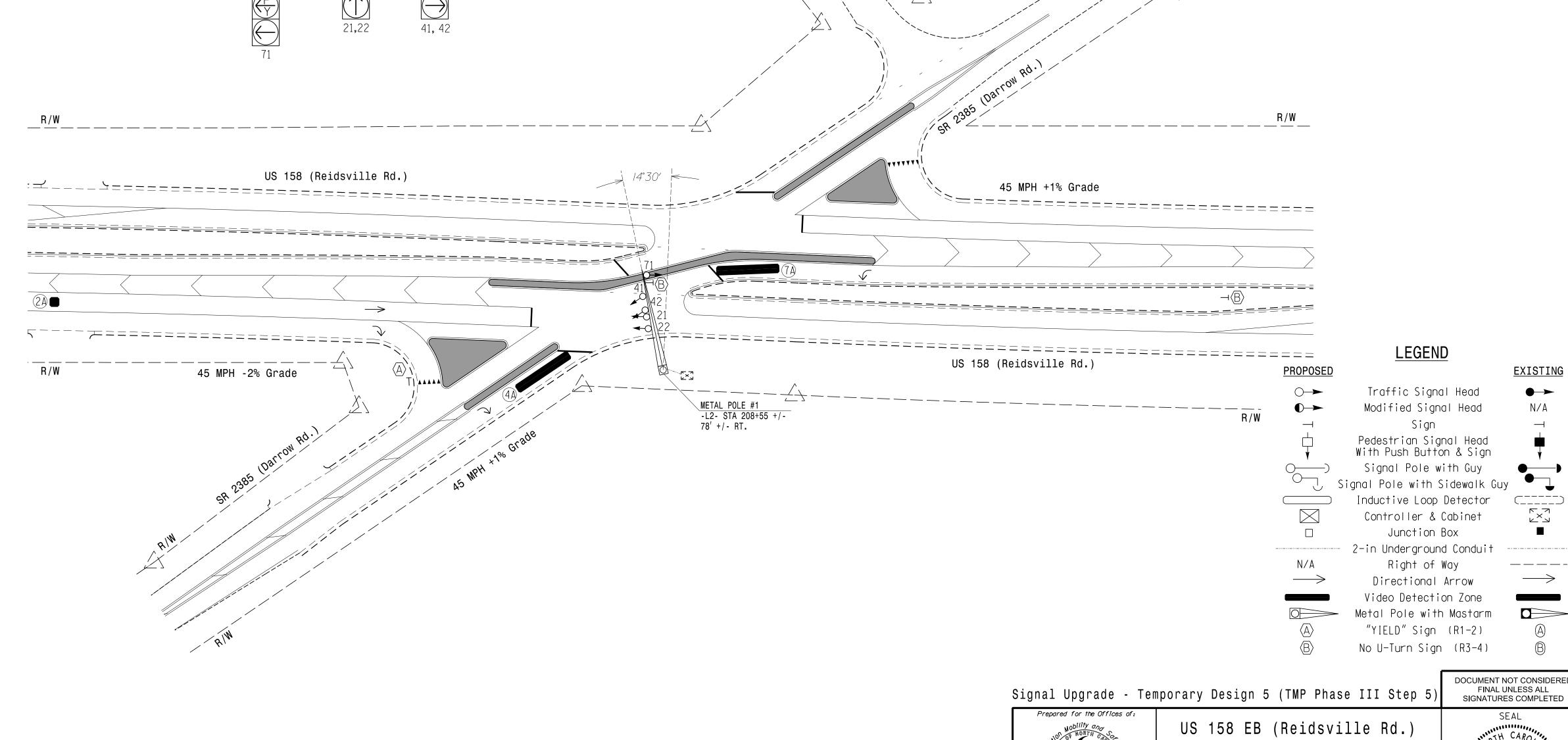
2 Phase Fully Actuated (Isolated)

NOTES

- 1. Refer to "Roadway Standard Drawings NCDOT" dated January 2024 and "Standard Specifications for Roads and Structures" dated January 2024.
- 2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
 3. Set all detector units to presence mode.
- 4. This intersection uses video detection. Install detectors according to the manufacturer's instructions to achieve the desired detection.
- 5. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.

MAXTIM	E TIMI	NG CHA	RT
FEATURE		PHASE	
FEATURE	2	4	7
Walk *	_	_	_
Ped Clear *	_	_	_
Min Green	12	7	7
Passage *	6.0	2.0	2.0
Max 1 *	90	30	30
Yellow Change	4.7	3.0	3.0
Red Clear	1.3	3.2	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	_	Х	Х
Vehicle Recall	MIN RECALL	_	_
Dual Entry	_	Х	х

* 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



RKK

NC License No. F-0112

www.rkk.com

Engineers | Construction Managers | Planners | Scientists

Responsive People | Creative Solutions

8601 Six Forks Road Suite 700 | Raleigh, North Carolina 27615-2965 REVISIONS

750 N.Greenfield Pkwy.Garner.NC 27529 PREPARED BY: H TOWNSEND REVIEWED BY:

SR 2385 (Darrow Rd.)

Division 9 Forsyth County

056142 Walkertown PLAN DATE: February 2024 REVIEWED BY: WP Erickson-Jones Porter Jones

2/12/2024 SIG. INVENTORY NO. 09-0996TS

EXISTING

-

N/A

 $^{\otimes}$

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED