PHASING DIAGRAM DETECTION LEGEND

DETECTED MOVEMENT UNDETECTED MOVEMENT (OVERLAP)

UNSIGNALIZED MOVEMENT PEDESTRIAN MOVEMENT

TABLE OF OPERATION

	PHASE				
SIGNAL FACE	ØN+6	Ø8	上し口のエ		
21, 22, 23	G	R	Υ		
61	G	R	Y		
62	1	R	Υ		

81, 82

P81, P82

21, 22, 23	62	P81,
61		
81, 82		

SIGNAL FACE I.D.

All Heads L.E.D.

DETECTOR				PROGRAMMING								
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	CALL PHASE	DELAY TIME	EXTEND TIME	EXTEND	ADDED INITIAL	CALL	DELAY DURING GREEN	NEW CARD
2 A	6 X 6	300	*	Χ	2	4	-	X	Χ	Χ	ľ	Х
2·B	6 X 4 0	0	*	Χ	2	5:0	2:0	Χ	ŀ	Χ	Χ	Х
6·A	6 X 6	300	*	Χ	6	-	_	Χ	Χ	Χ	_	Х
6·B	6 X 4 0	0	*	Χ	6	5:0	2:0	Χ		Χ	Χ	Х
			•		i -							

8A 6X40 0 * X 8 - - X - X - X

MAXTIME DETECTOR INSTALLATION CHART

* Video Detection

U-4713A

PROJECT REFERENCE NO.

SIG. 2.0

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. Omit "WALK" and flashing "DON'T WALK" with no pedestrian calls.
- 5. Program pedestrian heads to countdown the flashing "Don't Walk" time only.
- 6. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- 7. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values shall supersede these values.
- 8. Install and adjust Video Detection System to achieve detection zones as shown.

LEGEND

Traffic Signal Head

Modified Signal Head

Pedestrian Signal Head With Push Button & Sign Type I Pushbutton Post Signal Pole with Guy

Detector Zones Controller & Cabinet

Junction Box

Right of Way

Easement

Directional Arrow

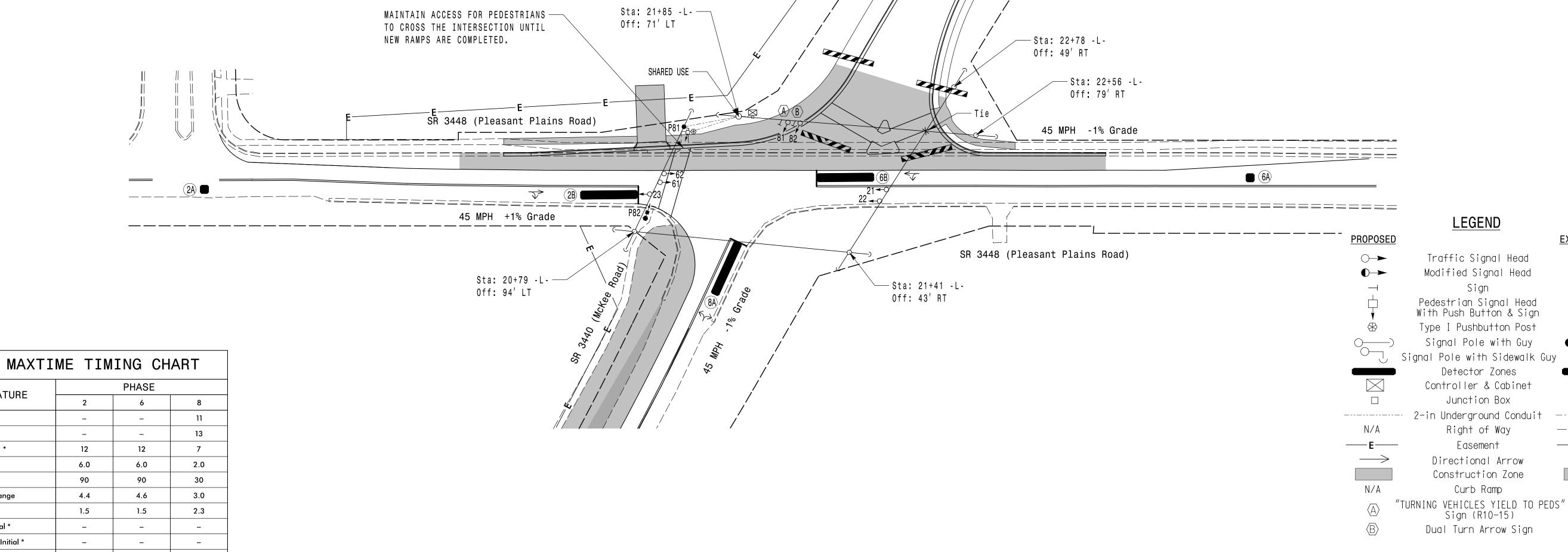
Construction Zone

Curb Ramp

Sign (R10-15)

Dual Turn Arrow Sign

9. Maintain access to pedestrian pushbuttons and ramps throughout construction.



* These values may be field adjusted. Do not adjust Min Green and Extension 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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6.0

4.4

1.5

3.0

MIN RECALL

3.0

MIN RECALL

Do not adjust walk time for phase 8 lower than what is shown.

FEATURE

Ped Clear

Passage *

Red Clear

Min Green

Yellow Change

Added Initial *

Maximum Initial *

Time To Reduce *

Non Lock Detector

Minimum Gap

Advance Walk

Vehicle Recall

Dual Entry

Time Before Reduction

Signal Upgrade - Temporary Design 1 (TMP Phase 1 & 2)

> SR 3448 (Pleasant Plains Road) SR 3440 (McKee Road)

Division 10 Mecklenburg County PLAN DATE: August 2023 REVIEWED BY: SL Phillips

750 N.Greenfield Pkwy,Garner,NC 27529 PREPARED BY: SP Pennington REVIEWED BY: INIT. DATE

SEAL 032607

EXISTING

●→

N/A

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DOCUMENT NOT CONSIDERED

FINAL UNLESS ALL SIGNATURES COMPLETED

PLANS PREPARED IN THE OFFICE OF:

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1"=40'

SIG. INVENTORY NO. 10-1325T