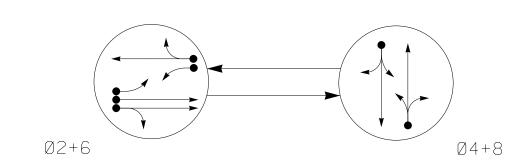
PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

DETECTED MOVEMENT
UNDETECTED MOVEMENT (OVERLAP
UNSIGNALIZED MOVEMENT

 $<\!\!--\!\!>$ PEDESTRIAN MOVEMENT

TABLE OF OPERATION					
	PHASE				
SIGNAL FACE	Ø2+6	Ø 4 + 8	LUANI		
21	F		*		
22,23	G	R	Y		
41,42	R	G	R		
61	₹	→ R	*		
62,63	G	R	Y		
81,82	R	G	R		

SIGNAL FACE I.D.

All Heads L.E.D.

12"	R Y G
21	22,23
61	41,42
	62,63
	81,82

Metal Pole #9 B-3159 NC 8 (Winston Road) P42 NC 8 (Winston Road) P42 21 23 8	
	82 NC 8 (Winston Road) NC 8 (Winston Road)

2 Phase	
Fully Actuated	
NC 8 (Winston Road) CLS	
Signal System #:D09-19_Lexing	ton
NC	TES

NOTES

PROJECT REFERENCE NO. SHEET NO.

Sig. 6.0

U-5757

- 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.
- 6. Pavement markings are existing.
- 7. Due to sidewalk closures during TMP I, disconnect and remove Pedestrian Heads P41 and P42.
- 8. Install new controller in existing cabinet.

LEGEND **PROPOSED EXISTING** Traffic Signal Head **-**Modified Signal Head N/A Sign Pedestrian Signal Head With Push Button & Sign Signal Pole with Guy Signal Pole with Sidewalk Guy Inductive Loop Detector Controller & Cabinet Junction Box 2-in Underground Conduit ------Right of Way _____ \longrightarrow Directional Arrow Metal Pole with Mastarm Type II Signal Pedestal Construction Zone N/A Video Detection Zone

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGNATURE

14543

SIG. INVENTORY NO. 09-0402

MAXTIME TIMING CHART PHASE FEATURE Walk * Ped Clear * Min Green 10 3.0 2.0 2.0 Passage * 3.0 Max 1 * 50 25 50 25 Yellow Change 3.9 3.9 Red Clear 1.4 2.4 2.4 Added Initial * Maximum Initial * Time Before Reduction Time To Reduce ' Minimum Gap Advance Walk Non Lock Detector Χ

MIN RECALL

These values may be field adjusted. Do not adjust Min Green and Extension times for phases 2 and 6

1 Glenwood Avenue Raleigh, NC 27603 Tel:919.789.9977 Fax:919.789.9591 License: F-0453

1"=40'

MAXTIME DETECTOR INSTALLATION CHART

 2^{4} \times | 6 \times | 70 | * | * | 2 | - | - |**X**| - <math>|**X**| - | -

2B * | 6X6 | 70 | * | * | 2 | - | - | **X** | - | **X** | - | -

2C* 6X40 0 | * | * | 2 | - | - | X | - | X | - | -

6A * | 6X6 | 70 | * | * | 6 | - | - | X| - | X| - | - |

6B * | 6 X 40 | 0 | * | * | 6 | - | - | **X** | - | **X** | - | -

8A * | 6X40 | 0 | * | * | 8 | 5.0 | - | **X** | - | **X** | - | -

TURNS

DETECTOR

SIZE FROM

4A * 6X40 0

*Video Detection Zone

(FT) STOPBAR

DISTANCE

PROGRAMMING

NO CALL DELAY EXTEND ON LINI OF THE PROPERTY O

| * |*| 4 | 5.0 | - |**X**|-|**X**|-|-

≥ PHASE TIME TIME

Signal Upgrade - Temporary Design 1 (TMP Phase I) NC 8 (Winston Road) 9th Street

Davidson County Lexington Division 9 May 2024 REVIEWED BY: G.G. Murr, Jr.

B.E. Wynn REVIEWED BY: REVISIONS INIT. DATE GENE Y. Murr Jr.

Dual Entry lower than what is shown. Min Green for all other phases should not be lower than 4 seconds

MIN RECALL

Vehicle Recall