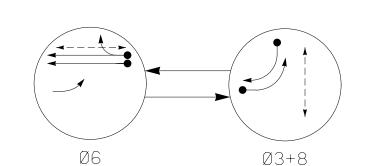
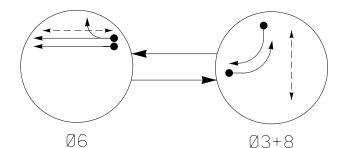
DEFAULT PHASING DIAGRAM ALTERNATE PHASING DIAGRAM





PHASING DIAGRAM DETECTION LEGEND

- DETECTED MOVEMENT
- UNDETECTED MOVEMENT (OVERLAP)
 UNSIGNALIZED MOVEMENT
- ----► PEDESTRIAN MOVEMENT

PHASING DIAGRAM DEFAULT PHASING

	TABLE OF OPE	RA	TI	(
		Р	HAS	E
	SIGNAL	Ø 6	Ø	
	FACE		\(\sigma + \operatorname{8}\)	
Ø3+8	31	- F	-	-
	61, 62	G	R	
	81,82	R		
	P61,P62	W	DW	

P81,P82

DW W DRK

SIGNAL FACE I.D.

All Heads L.E.D.

ALTERNATE P TABLE OF OPE		_	_
	PHASE		
SIGNAL FACE	Ø 6	Ø 3 + 8	F L A S H
31	→ R	-	→
61, 62	G	R	Υ
81,82	R		R
P61,P62	W	DW	DRK
P81,P82	DW	W	DRK

P81,P82

* Disable	Delay	During	Alternate	Phasing	Operation

6X40 0 2-4-2 X 8 Yes

TURNS

DETECTOR

(FT)

6X6

6X6

LOOP

6B

DISTANCE

FROM

STOPBAR

300

300

DETECTOR INSTALLATION CHART

PHASE

6 | X | 6 | Yes |

6 | X | 6 | Yes |

PROGRAMMING

TIME

X | N | - | X

| X | N | - | X

15 | - | N | - | X |

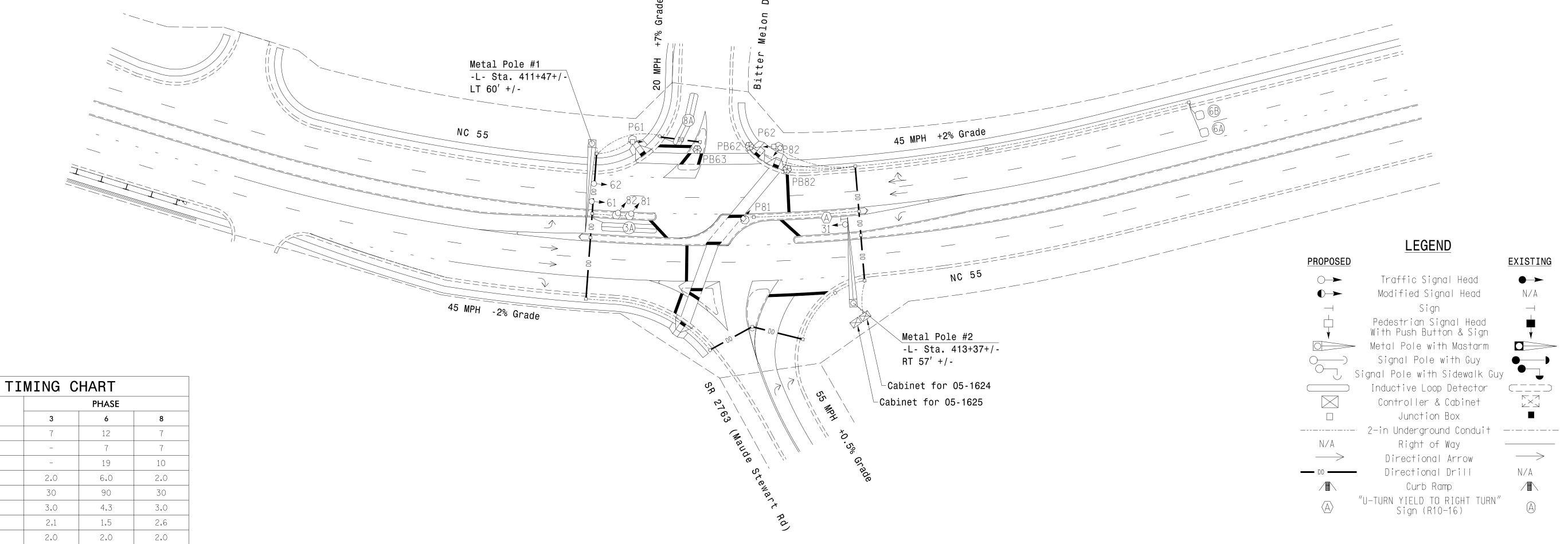
		2	Phas	se	
	Fu	11y	Act	uat	ed
C	55	- F	uqua	ay-V	/ar
st	em	#:	D05-	48	Fu

PROJECT REFERENCE NO. SHEET NO. Sig. 9.0

NC 55 - Fuquay-Varina Signal System #: D05-48_Fuquay-Varina

NOTES

- Refer to "Roadway Standard Drawings NCDOT" dated January 2018 and "Standard Specifications for Roads and Structures" dated January 2018 and all applicable sections of the latest version of the generic Project Special Provisions.
- Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- 3. Set all detector units to presence mode.
- Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- 5. Omit "Walk" and flashing "Don't Walk" with no pedestrian calls.
- 6. Program pedestrian heads to countdown the flashing "Don't Walk" time only.
- 7. The Division Traffic Engineer will determine the hours of use for each phasing plan.
- 8. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.





* 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.

New Installation

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NC 55 EB

SEAL



1"=40'

VHB Engineering NC, P.C. (C-3705) 940 Main Campus Drive, Suite 500

Raleigh, NC 27606

919.829.0328

at
Bitter Melon Drive
(North Intersection)

Division 5 Wake County Fuquay-Varina
PLAN DATE: July 2022 REVIEWED BY: J. Ma

PLAN DATE: July 2022 REVIEWED BY: J. Ma

PREPARED BY: J. Townsend REVIEWED BY: M.L. Stygles

SCALE REVISIONS INIT. DATE

O 40

SEAL
O46057

SEAL
O46057

Docusigned by:

Matt Johnster
7/12/2022

SIG. INVENTORY NO. 05-1624

DATE