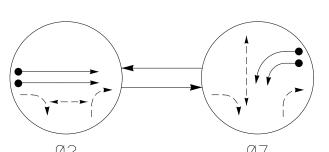
PHASING DIAGRAM



PHASING	DIAGRAM	DETECTION	LEGEND

UNDETECTED MOVEMENT (OVERLAP)

DETECTED MOVEMENT

UNSIGNALIZED MOVEMENT PEDESTRIAN MOVEMENT

TABLE OF OPERATION

∣W∣DW|DRK

DW W DRK

SIGNAL

FACE

21, 22

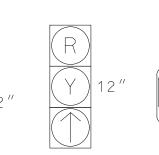
71, 72

P21, P22

P71, P72

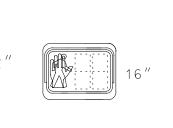
71, 72

NC 55



SIGNAL FACE I.D.

All Heads L.E.D.



01 00	P21, P22
21, 22	P71, P72
	•

DETECTOR INSTALLATION CHART												
DETECTOR				PROGRAMMING								
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PHASE	CALLING	EXTEND TIME	DELAY TIME	USE ADDED INITIAL	TYPE	SYSTEM LOOP	NEW CARD
2A	6X6	420	6	Χ	2	Yes	_	_	Χ	N	_	X
2B	6X6	420	6	Χ	2	Yes	_	_	Χ	N	_	Χ
7 A	6X40	0	2-4-2	Χ	7	Yes	_	_	_	N	_	Χ
7B	6X40	0	2-4-2	Χ	7	Yes	_	-	_	N	-	Χ

55 MPH 0% Grade

PROJECT REFERENCE NO. 2 Phase

Sig. 2.0

R-5705B

Fully Actuated 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.
- 4. 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.

NC 55 Business

Wake County

July 2022 REVIEWED BY: J.L. Lewis

Fuquay Varina

INIT. DATE

J. Ma

Division 5

750 N.Greenfield Pkwy, Garner, NC 27529 PREPARED BY: M.L. Stygles REVIEWED BY:

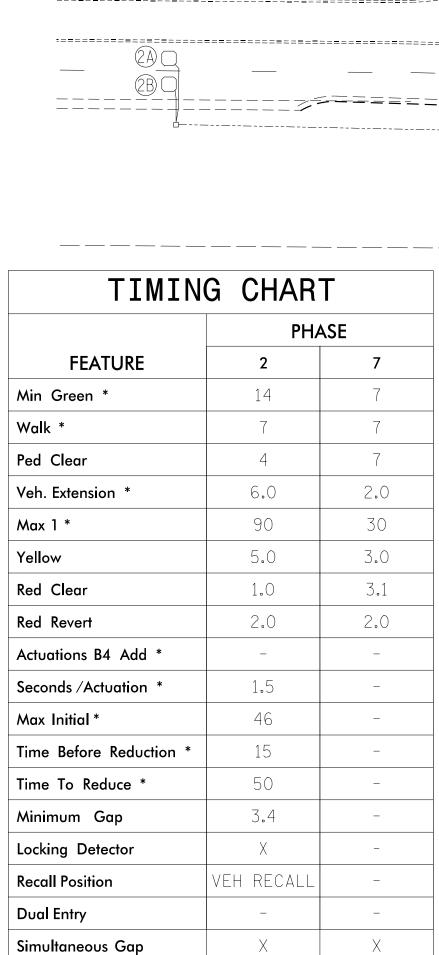
046057

SIG. INVENTORY NO.

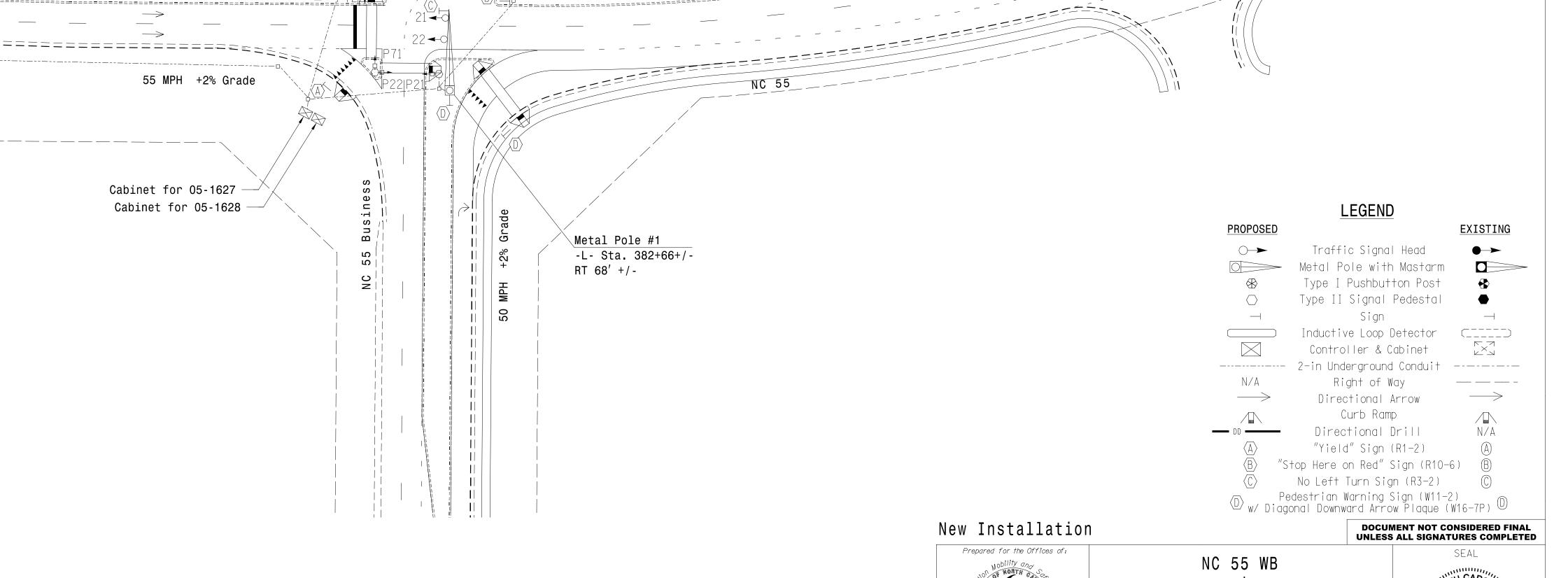
DATE

05-1627

7. 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 2 lower than what is shown. Min Green for phase 7 should not be lower than 4 seconds.



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