

Simultaneous Gap

TIMING	CHART

PHASE

4

7

4

12

1.0

20

3.0

2.1

2.0

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6

10

4

11

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35

4.1

1.7

2.0

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PED / MAX

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* 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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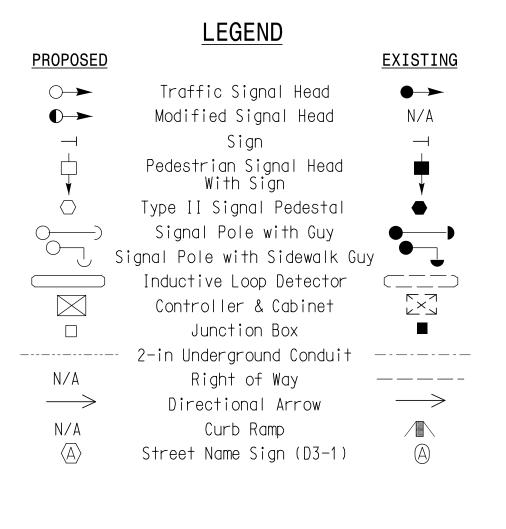
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TYPE	SYSTEM LOOP	NEW CARD	
Ν	-	Х	

2 Phase Semi-Actuated Gastonia Signal System

NOTES

- 1. Refer to "Roadway Standard Drawings NCDOT" dated January 2018 and "Standard Specifications for Roads and Structures" dated January 2018.
- 2. Do not program signal for late night flashing
- operation unless otherwise directed by the Engineer.
- 3. Reposition existing signal head(s) numbered 22 & 23.
- 4. Set all detector units to presence mode.
- 5. In the event of loop replacement, refer to the current ITS and Signal Design Manual and submit a Plan of Record to the Signal Design Section.
- 6. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- 7. Omit "WALK" and flashing "DON'T WALK" with no pedestrian calls on phase 4.
- 8. Program pedestrian heads to countdown the flashing "Don't Walk" time only
- 9. Pavement markings are existing.
- 10. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values shall supersede these values.
- 11. Install new cabinet on a new cabinet foundation.
- 12. Existing signal heads 21 & 22 have been relabeled to 22 & 23, respectively.
- 13. Rewire all intersection equipment to new cabinet.
- 14. All new cabinets and base extenders shall be black in color. See Project Special Provisions for details.
- 15. All proposed signal heads shall be black in color. See Project Special Provisions for details.
- 16. All proposed pedestrian pedestals and pushbutton posts shall be black in color. See Project Special Provisions for details. 17. City of system data:
- Controller Asset #0058.



nal Upgrade			DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED
Prepared For:	SR 1339 (Airline	CARO	
N DIVISION	at Highland Str	SEAL 044434	
	Division 12 Gaston County	/ Gastonia	FT . SWGINEER .
Design Section	PLAN DATE: May 2021 REVIEWED E	Y: SL Phillips	N P BAUMAN
reenfield Pkwy,Garner,NC 27529	PREPARED BY: CF Davis REVIEWED E	Y: KP Baumann	
SCALE	REVISIONS	INIT. DATE	DocuSigned by:
0 30			Kan Vana 3/11/2022
			SIGNATURE DATE
1 "=30'			SIG. INVENTORY NO. 12-0058