



Time To Reduce

Minimum Gap

Locking Detector

Simultaneous Gap

Recall Position

Dual Entry

DocuSign Envelope ID: F58B15C2-40E6-45BE-9C45-A2A9EFAC85F4

* 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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MIN RECALL

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MIN RECALL

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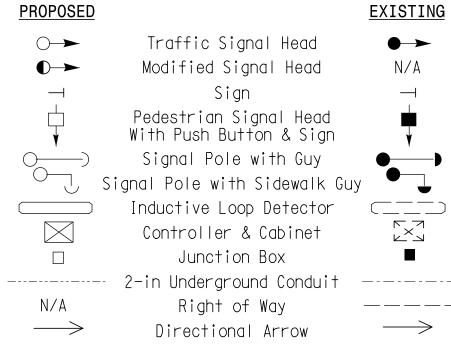
3 Phase Fully Actuated Gastonia Signal System

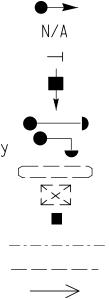
NOTES

- 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. Phase 1 may be lagged.
- 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. Pavement markings are existing.
- 8. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values shall supersede these values.
- 9. Install new cabinet on the existing cabinet foundation.
- 10. All new cabinets and base extenders shall be black in color. See Project Special Provisions for details.
- 11. Disconnect and abandon existing loop 2B.
- 12. Existing signal head 21 and 22 have been relabeled to 22 and 23, respectively.
- 13. Existing loop 8B has been relabeled to 1B.
- 14. City system data:

Controller Asset #1195.

LEGEND





gnal Upgrade		DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED
Prepared For:	NC 279 (S. New Hope Road)	
NORTH Stor	at Twin Tops Road/ Armstrong Ford Road	SEAL 044434
Design Sector	Division 12 Gaston County Gaston PLAN DATE: May 2021 REVIEWED BY: SL Phillips	
Greenfield Pkwy,Garner,NC 27529	PREPARED BY: SP Pennington REVIEWED BY: KP Baumann	
o scale	REVISIONS INIT. DAT	E DocuSigned by: Ken Barron 3/11/2022
		SIGNATURE DATE
1 "=40'		SIG. INVENTORY NO. 12-1195



12 **2 A**