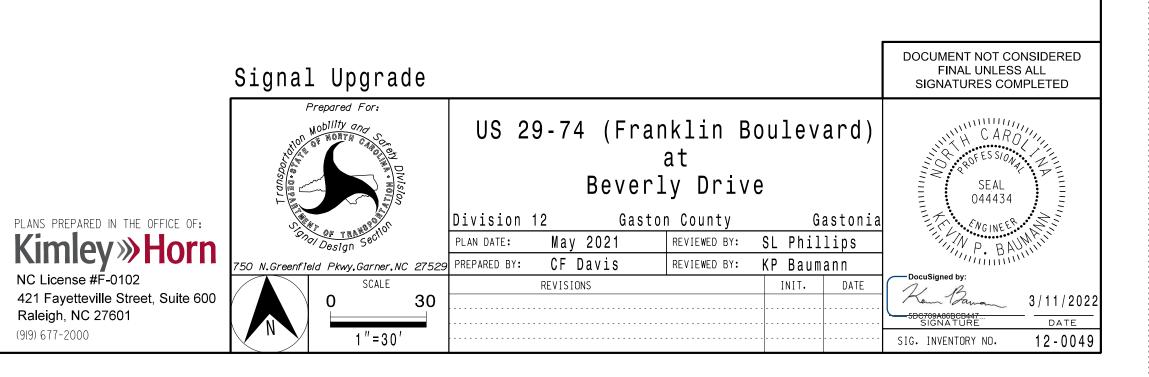


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30 Max 1 * 60 30 60 4.0 3.5 3.5 4.0 Yellow 2.0 2.6 2.6 2.0 Red Clear 2.0 2.0 2.0 2.0 Red Revert Actuations B4 Add ' ----Seconds / Actuation * ---_ Max Initial * ----Time Before Reduction ---Time To Reduce * ----Minimum Gap --_ -Locking Detector ----MAX RECALL MAX RECALL Recall Position -_ Dual Entry -Х Х -Х Х Х Simultaneous Gap Х * 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.

DETECTOR INSTALLATION CHART													
	DETECTOR						PROGRAMMING						
LOC)P	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PHASE	CALLING	EXTEND TIME	DELAY TIME	USE ADDED INITIAL	TYPE	SYSTEM LOOP	NEW CARD
4/	L.	6X60	0	EXIST	-	4	Yes	-	5	-	Ν	-	Х
84		6X60	0	EXIST	-	8	Yes	_	-	-	N	-	Х
8E		6X60	0	EXIST	-	8	Yes	-	5	_	N	-	Х



PROJECT REFERENCE NO.	SHEET NO.
C-5703	Sig 25.0

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. Set all detector units to presence mode. 4. 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. 5. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- 6. Pavement markings are existing.
- 7. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values shall supersede these values.
- 8. Reposition existing signal heads 61 and 62.
- 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. Existing signal heads 21, 22, and 23 have been relabeled to 22, 23, and 24, respectively.
- 12. City system data:
 - Controller Asset #0049

