

ALTERNATE TABLE OF OPERATION								
	PHASE							
SIGNAL FACE	Ø2+5	Ø 2 + 6	Ø 8	P R E	P R E	FLAST		
	Ь	6		3	5	Ĥ		
21, 22	G	G	R	G	R	Y		
51	+	∢R	►R	≺R	≺R	- Y-		
61, 62	R	G	R	G	R	Y		
81, 82	R	R	G	R	G	R		
P21, P22	W	W	DW	D·W	DW	DRK		
P81, P82 P83, P84	D·W	D'W	W	DW	DW	DRK		

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PROJECT REFERENCE NO. 3 Phase SHEET NO. Sig.15.0 C-5703 Pre-Timed w/ Alternate Phasing Operation and Emergency Vehicle Preemption 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. Install new cabinet on a new cabinet foundation.
- 5. All new cabinets and base extenders shall be black in color. See Project Special Provisions for details.
- 6. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- 7. Phase 5 may be lagged.
- 8. Existing phase 4 has been changed to phase 8 on this plan. Change all signal heads, pedestrian signal heads, pedestrian push buttons, and loops as needed to achieve the phasing shown.
- 9. Program pedestrian heads to countdown the flashing "Don't Walk" time only.
- 10. Pavement markings are existing.
- 11. The City Engineer or their representative will determine the hours of use for each phasing plan.
- 12. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values shall supersede these values.
- 13. Install GPS emergency preemption system per manufacturer's instructions to achieve preemption needed, as shown in phasing diagram.
- 14. Rewire all intersection equipment to new cabinet.
- 15. All proposed pedestrian signal heads shall be black in color. See Project Special Provisions for details.
- 16. City system data:
 - Controller Asset: #0039

LEGEND <u>EXISTING</u> PROPOSED Traffic Signal Head •-> $\bigcirc \rightarrow$ ● Modified Signal Head N/A Sign Pedestrian Signal Head With Sign Signal Pole with Guy \bigcirc Signal Pole with Sidewalk Guy ÷ <u>~---</u>~ Inductive Loop Detector _____ ~____ $\left|\right>$ Controller & Cabinet Junction Box --- 2-in Underground Conduit _---_ _____ N/A Right of Way _____ \longrightarrow \longrightarrow Directional Arrow $\langle A \rangle$ (A)No Left Turn Sign (R3-2) No Right Turn Sign (R3-1) $\langle B \rangle$ B Type 1A Changeable Trailblazer $\langle \cap \rangle$ \bigcirc sign (See Figure 1) \bigcirc Street Name Sign (D3-1) $\langle E \rangle$ Ē One Way Sign (R6-1) Left "TURNING VEHICLES" Yield "TO" Pedestrians Sign (R10-15L) $\langle F \rangle$ \mathbb{F}

nal Upgrade			DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED
Prepared For:	US 29-74-NC 27	4	
NODILITY ON SALENDER	(E. Franklin Boule at	CARO POFESSION	
Vojsivi	US 321 N (York Str	SEAL = 044434	
Divis	ion 12 Gaston County	Gastonia	ELC . ENGINEER .
Design Section PLAN DA	NTE: May 2021 REVIEWED BY:	SL Phillips	N P. BAUMAN
Greenfield Pkwy,Garner,NC 27529 PREPARE	D BY: CF Davis REVIEWED BY:	KP Baumann	
SCALE	REVISIONS	INIT. DATE	DocuSigned by:
			Ken 12ana 3/11/2022 50G718486196142 DATE
1″=20′			SIG. INVENTORY NO. 12-0039