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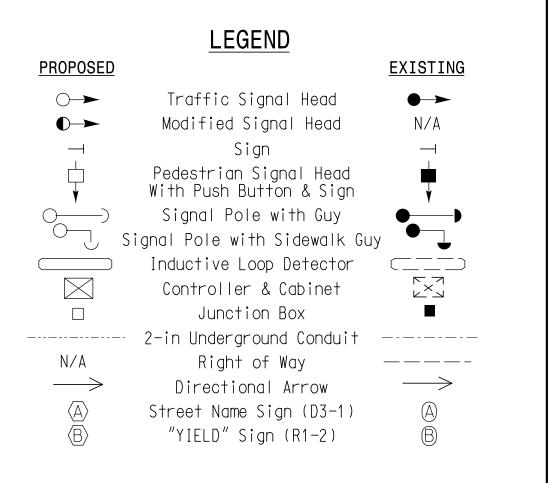
	DETECTOR INSTALLATION CHART											
DETECTOR				PROGRAMMING								
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PHASE	CALLING	EXTEND TIME	DELAY TIME	USE ADDED INITIAL	ТҮРЕ	SYSTEM LOOP	NEW CARD
2A	6X6	70	EXIST	-	2	Yes	-	-	-	N	-	X
2B	6X6	70	EXIST	-	2	Yes	-	_	_	N	-	Х
20	6X40	0	2-4-2	-	2	Yes	_	_	_	Ν	-	Х
4A	6X25	30	2-4-2	-	4	Yes	-	-	-	N	1	X
4B	6X25	+5	2-4-2	-	4	Yes	-	-	-	Ν	-	Х
4C	6X25	30	2-4-2	-	4	Yes	-	10	-	Ν	-	Х
4D	6X25	+5	2-4-2	-	4	Yes	-	15	_	Ν	-	Х
6A	6X6	70	EXIST	-	6	Yes	-	-	-	Ν	-	Х

PROJECT REFERENCE NO.	SHEET NO.
C-5703	Sig.109.0

## 2 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. Reposition existing signal heads 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. 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. Existing loops 2B, 2C, & 2D have been relabeled to 2A, 2B, & 2C, respectively.
- 12. Reconnect lead-in cable to separate loops 2A, 2B, 4A, 4B, 6A, & 6B, as shown.
- 13. Existing signal heads 21 & 22 have been relabeled to 22 & 23, respectively.
- 14. City system data:
  - Controller Asset #1358.



nal Upgrade			DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED
Prepared For: Nobility and Solo Division Not and Solo Division	NC 274 (Uni at Osceola		nia
	Division 12 Gaston (	nia	
Grand Design Section	PLAN DATE: May 2021 RE	VIEWED BY: SL Phillips	P BAUMAN
reenfield Pkwy,Garner,NC 27529	PREPARED BY: CF Davis RE	VIEWED BY: KP Baumann	
SCALE	REVISIONS	INIT. DA	
0 40			Ken Daman 3/11/2022
			5DC(09A86BCBA4/ DATE
1 "=40'			SIG. INVENTORY NO. 12-1358