

r		1									_	
TABLE OF OPERATION)F OPERATION	SIGNAL FACE I.D.		DETECTOR INSTALLAT							
Ī		PHASE	All Heads L.E.D.		DETE	ECTOR				I	Ρ	
	SIGNAL FACE		$\bigcirc \qquad \bigcirc \qquad$	LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PHASE	CALLING		
	11	- - - R -	$\left(\begin{array}{c} \left(\begin{array}{c} Y \end{array}\right) 12^{\prime\prime} \\ \end{array} \\ \left(\begin{array}{c} Y \end{array}\right) 12^{\prime\prime} \\ \end{array} \\ \left(\begin{array}{c} Y \\ \end{array}\right) 12^{\prime\prime} \\ \end{array} $	12″ 1A	6X60	0	2 - 4 - 2	-	1	Yes		
	21, 22	RGRGY		2·A	6 X 6	300	EXIST	-	2	Yes		
	41, 42	RRGRR	(G)	2 B	6 X 6	300	EXIST	-	2	Yes		
	61, 62		11 21,22 61,62	2.0	6 X 6	9.0	EXIST	-	2	Yes		
l	01, 02		41,42	2 D	6 X 6	90	EXIST	-	2	Yes		
				2 E	6 X 6	9.0	EXIST	-	2	Yes		
				4 A	6 X 4 0	0	2 - 4 - 2	-	4	Yes		
				4 B	6 X 4 0	0	2 - 4 - 2	-	4	Yes		
				6 A	6 X 6	350	EXIST	-	6	Yes		
										1	-	

ON CHART												
GRAMMING												
END ME	DELAY TIME	USE ADDED INITIAL	ТҮРЕ	SYSTEM LOOP	NEW CARD							
-	I	-	Ν	-	Х							
9	-	_	N	_	Х							
.6	_	-	N	-	Х							
_	-	-	N	-	Х							
_	_	-	N	_	X X							
-	-	-	N	_	Х							
-	-	-	Ν	-	Х							
_	5	-	N	_	Х							
_	_	Х	N	_	Х							
-	_	Х	N	-	Х							

PROJECT REFERENCE NO. SHEET NO. Sig.64.0 C-5703

3 Phase Fully Actuated w/ 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. 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. Disconnect and abandon existing loops labeled 6C.
- 10. Install new cabinet on the existing cabinet foundation.
- 11. All new cabinets and base extenders shall be black in color. See Project Special Provisions for details.
- 12. Reconnect lead-in cable to separate loops 2A, 2B, 2C, 2D, 2E, 6A & 6B, as shown.
- 13. Install GPS emergency preemption system per manufacturer's instructions to achieve preemption needed, as shown in phasing diagram.

<u>EXISTING</u>

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N/A

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- 14. City system data:
 - Controller Asset #0195.

LEGEND

PROPOSED

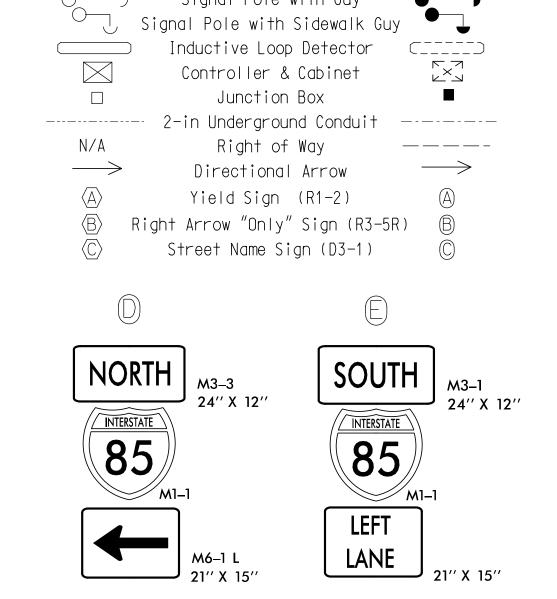
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Traffic Signal Head Modified Signal Head Sign Pedestrian Signal Head With Push Button & Sign Signal Pole with Guy



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED NC 279 (New Hope Road) (AR)at I-85 Northbound Ramp SEAL 044434 Division 12 Gastonia Gaston County REVIEWED BY: SL Phillips May 2021 PLAN DATE: 750 N.Greenfield Pkwy, Garner, NC 27529 PREPARED BY: DM Curri REVIEWED BY: KP Baumann REVISIONS INIT. DATE Kem Barrow 3/11/2022 DATE 1"=40' SIG. INVENTORY NO. 12-0195

(919) 677-2000