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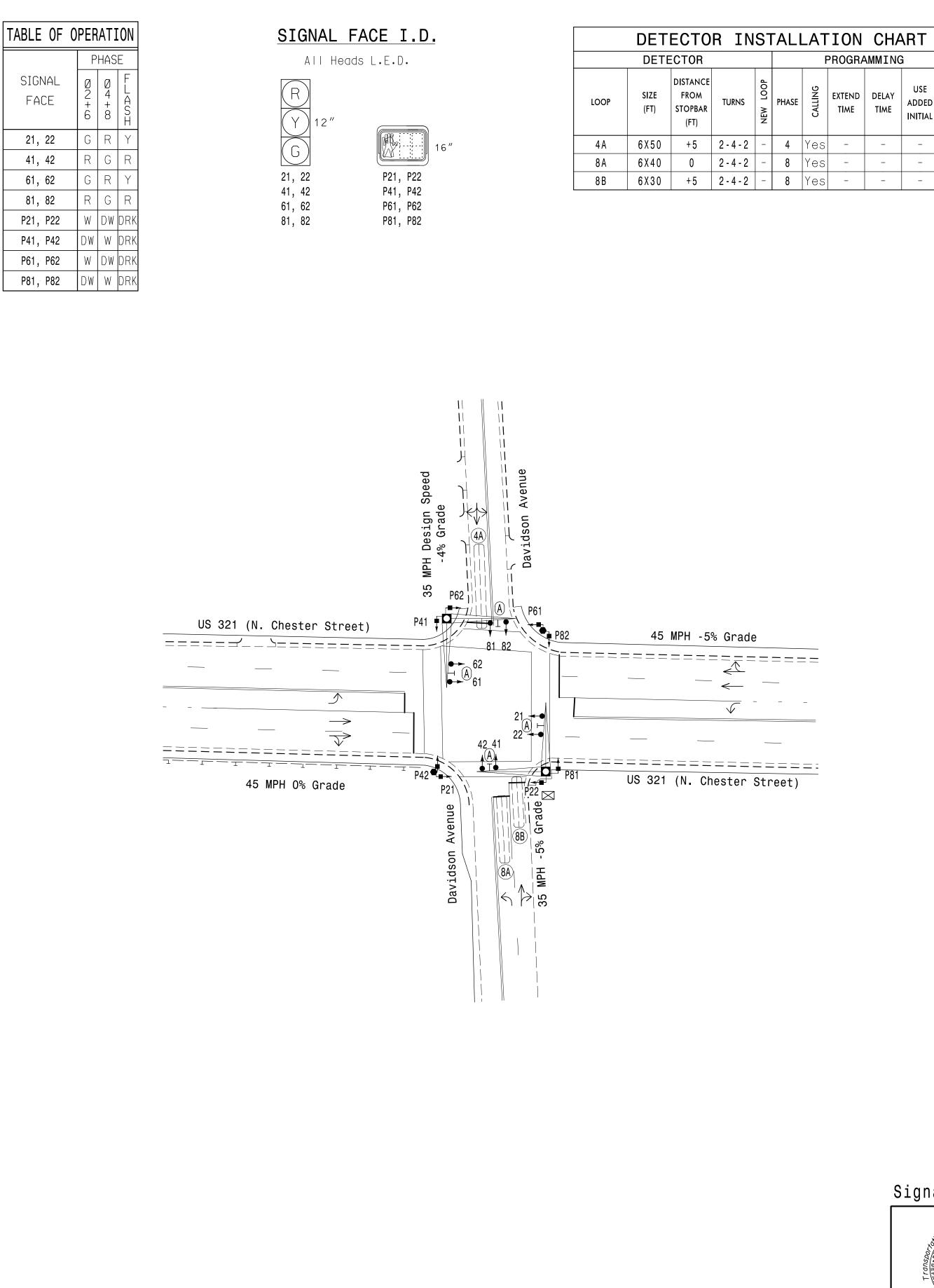
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TIMING CHART					
	PHASE				
FEATURE	2	4	6	8	
Min Green *	12	7	12	7	
Walk *	7	7	7	7	
Ped Clear	10	16	11	18	
Veh. Extension *	-	2.0	-	2.0	
Max 1 *	45	25	45	25	
Yellow	5.0	4.2	5.0	4.2	
Red Clear	1.2	3.3	1.2	3.3	
Red Revert	2.0	2.0	2.0	2.0	
Actuations B4 Add *	-	_	_	_	
Seconds /Actuation *	-	_	_	_	
Max Initial *	-	_	_	_	
Time Before Reduction *	-	-	_	-	
Time To Reduce *	-	-	-	_	
Minimum Gap	-	_	-	-	
Locking Detector	-	_	_	_	
Recall Position	PED/MAX	-	PED/MAX	-	
Dual Entry	-	Х	-	Х	
Simul t aneous Gap	Х	Х	Х	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.



PLANS PREPARED IN THE OFFICE OF: **Kimley»Horn** NC License #F-0102 421 Fayetteville Street, Suite 600

Raleigh, NC 27601

(919) 677-2000

750 N.Gr

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	N	-	X X X	
	N	-	Х	

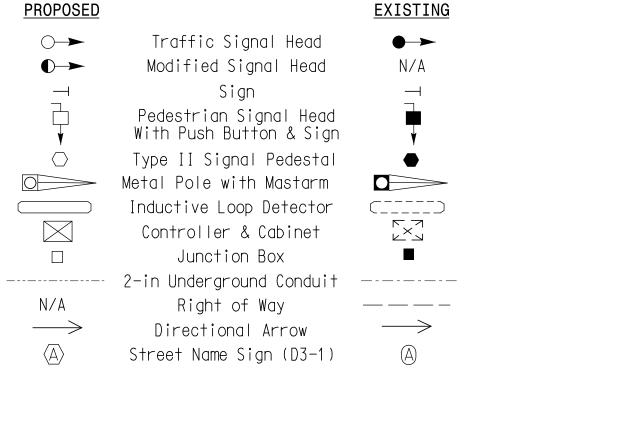
2 Phase Semi-Actuated Gastonia Signal System

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. Omit "WALK" and flashing "DON'T WALK" with no pedestrian calls on phases 4 and 8.
- 7. Program pedestrian heads to countdown the flashing "Don't Walk" time only.
- 8. Pavement markings are existing.
- 9. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values shall supersede these values.
- 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. City system data:
 - Controller Asset #0017.

<u>PROPOSED</u>

LEGEND



ınal Upgrade		DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
Prepared For:	US 321 (N. Chester Street) at Davidson Avenue	SEAL 044434	
Solution Section	Division 12 Gaston County Gastoni PLAN DATE: May 2021 REVIEWED BY: SL Phillips	a ENGINEER MAN	
Greenfield Pkwy,Garner,NC 27529	PREPARED BY: DM Curri REVIEWED BY: KP Baumann		
SCALE	REVISIONS INIT. DATE	DocuSigned by:	
0 40		Kam Vanan 3/11/2022	
		- SIGNATURE DATE	
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