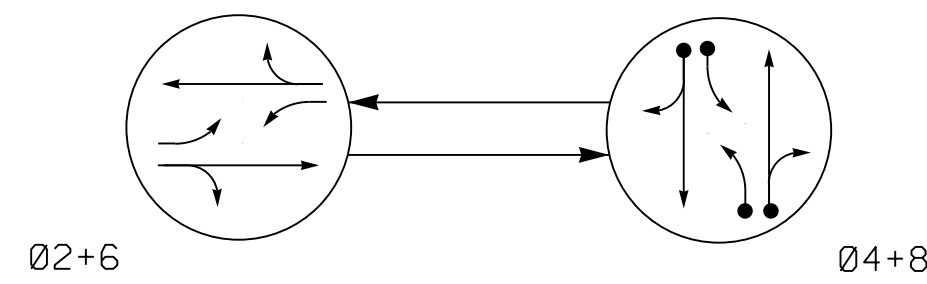


PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

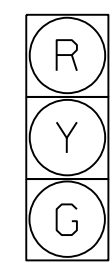
- DETECTED MOVEMENT
- ◐ UNDETECTED MOVEMENT (OVERLAP)
- ◑ UNSIGNALIZED MOVEMENT
- ⚡ PEDESTRIAN MOVEMENT

TABLE OF OPERATION

SIGNAL FACE	PHASE		
	02+6	04+8	FLASH
21, 22	G	R	Y
41, 42	R	G	R
61, 62	G	R	Y
81, 82	R	G	R

SIGNAL FACE I.D.

All Heads L.E.D.



21, 22
41, 42
61, 62
81, 82

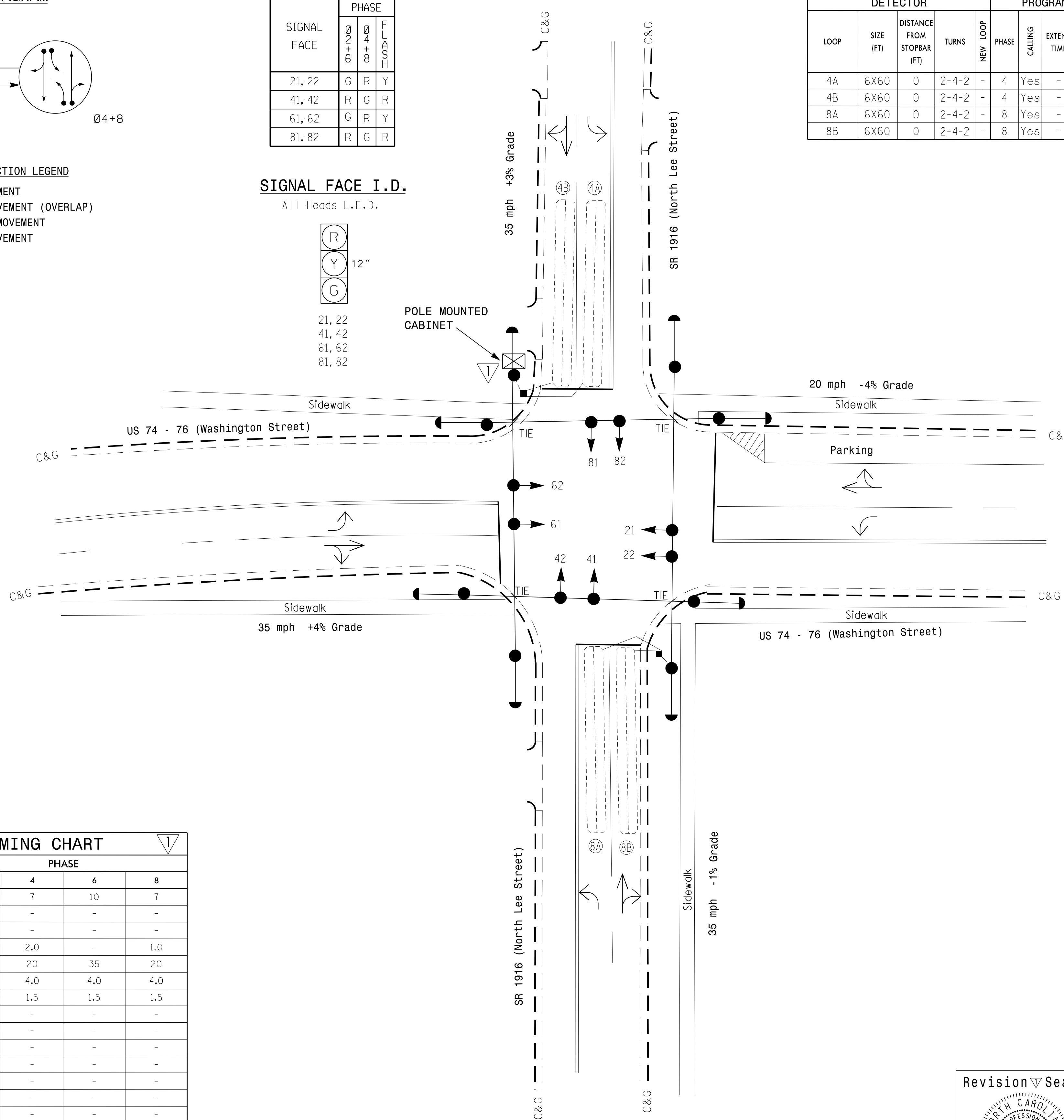
ASC/3 DETECTOR INSTALLATION CHART

LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PROGRAMMING						
					PHASE	CALLING	EXTEND TIME	DELAY TIME	USE ADDED INITIAL	TYPE	SYSTEM LOOP
4A	6X60	0	2-4-2	-	4	Yes	-	3	-	N	-
4B	6X60	0	2-4-2	-	4	Yes	-	10	-	N	-
8A	6X60	0	2-4-2	-	8	Yes	-	3	-	N	-
8B	6X60	0	2-4-2	-	8	Yes	-	10	-	N	-

2 Phase
Semi-Actuated
System #10605

NOTES

- Refer to "Roadway Standard Drawings NCDOT" dated January 2018 and "Standard Specifications for Roads and Structures" dated January 2018.
- Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- Pavement markings are existing.
- Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values shall supersede these values.
- Set all detector units to presence mode.



ASC/3 TIMING CHART

FEATURE	PHASE			
	2	4	6	8
Min Green *	10	7	10	7
Walk *	-	-	-	-
Ped Clear	-	-	-	-
Veh. Extension *	-	2.0	-	1.0
Max I *	35	20	35	20
Yellow	4.0	4.0	4.0	4.0
Red Clear	1.5	1.5	1.5	1.5
Actuations B4 Add *	-	-	-	-
Seconds / Actuation *	-	-	-	-
Max Initial *	-	-	-	-
Time Before Reduction *	-	-	-	-
Time To Reduce *	-	-	-	-
Minimum Gap	-	-	-	-
Locking Detector	-	-	-	-
Recall Position	MAX RECALL	-	MAX RECALL	-
Dual Entry	-	X	-	X
Simultaneous Gap	X	X	X	X

* 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.

LEGEND

- | | |
|--|------------------------------|
| PROPOSED | EXISTING |
| ○ → Traffic Signal Head | ● → N/A |
| ◐ → Modified Signal Head | ◑ → N/A |
| ⚡ → Pedestrian Signal Head | ⚡ → N/A |
| ⚡ → Pedestrian Signal Head With Push Button & Sign | ⚡ → N/A |
| ○ → Signal Pole with Guy | ○ → N/A |
| ○ → Signal Pole with Sidewalk Guy | ○ → N/A |
| ▭ → Inductive Loop Detector | ▭ → N/A |
| ⊠ → Controller & Cabinet | ⊠ → N/A |
| □ → Junction Box | □ → N/A |
| --- 2-in Underground Conduit | --- 2-in Underground Conduit |
| N/A → Right of Way | N/A → Right of Way |
| → → Directional Arrow | → → Directional Arrow |
| → → Pavement Marking Arrow | → → Pavement Marking Arrow |

Signal Revision

Revision Seal

Prepared for:

US 74-76 Business (Washington Street) at SR 1916 (North Lee Street)
 Division 6 Columbus County Whiteville
 PLAN DATE: July 2003 REVIEWED BY: R.J. Ziemba
 PREPARED BY: Hanbright REVIEWED BY:
 REVISIONS: Controller changed to ASC/3 with new cabinet. GGM 05/15/20
 SCALE: 1"=20'

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL
 Not a certified document. This document originally issued and sealed by Timothy J. Williams, P.E., no. 24393 on 11/04/03. This document shall not be considered a certified document.
 SIGNATURE: DATE: SIG. INVENTORY NO. 06-0080

SEPI
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