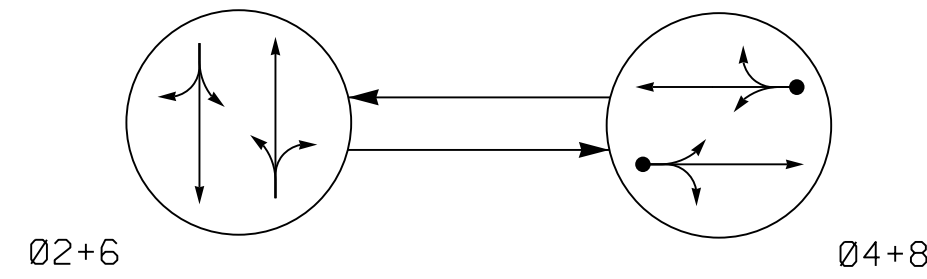


PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

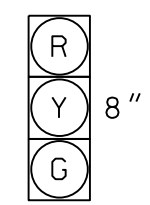
- ← DETECTED MOVEMENT
- ← UNDETECTED MOVEMENT (OVERLAP)
- UNSIGNALIZED MOVEMENT
- ← - - - PEDESTRIAN MOVEMENT

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

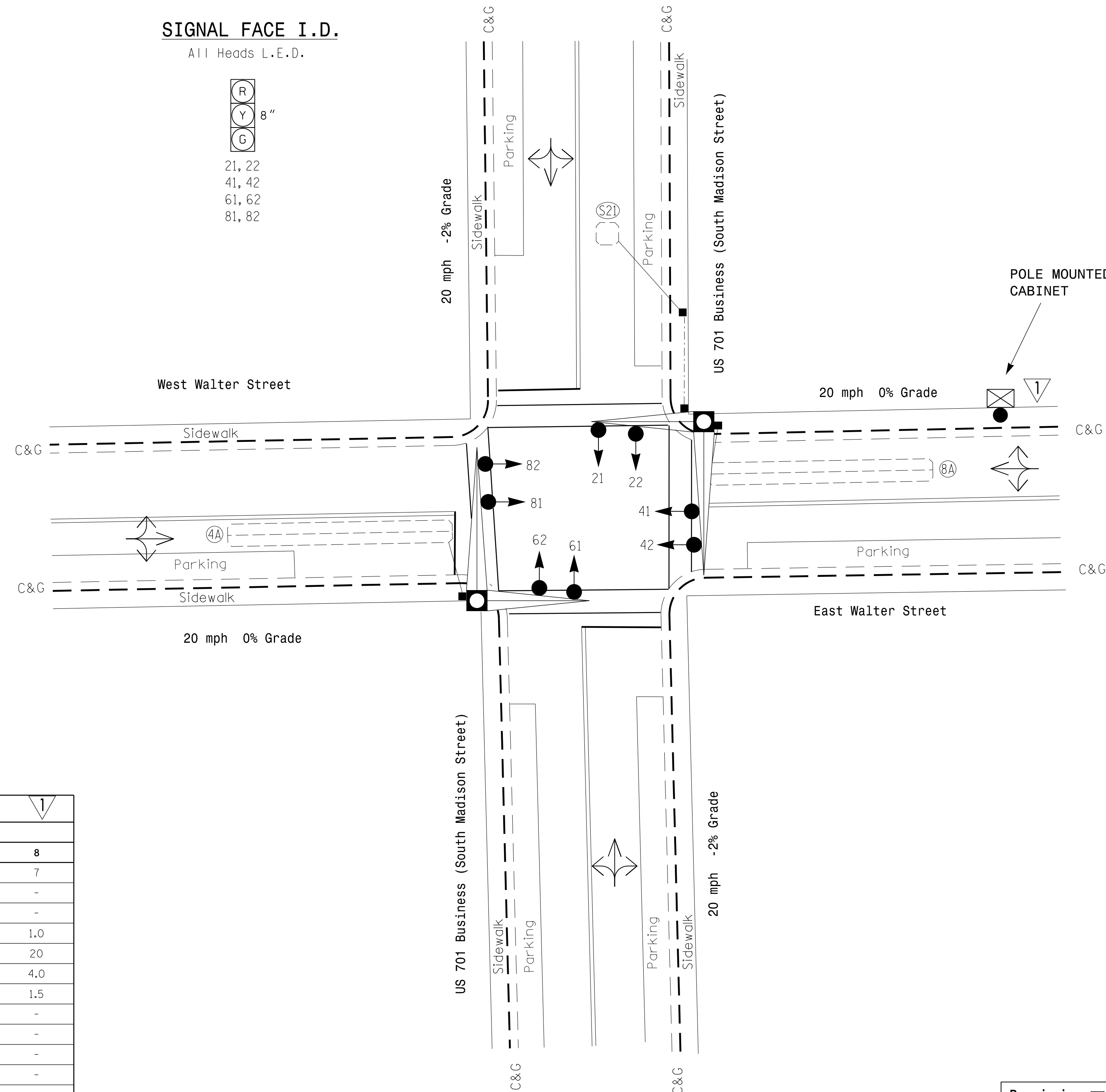
ASC/3 DETECTOR INSTALLATION CHART

| 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 | - | 10 | - | N | - |
| 8A | 6X60 | 0 | 2-4-2 | - | 8 | Yes | - | 10 | - | N | - |
| S21 | 6X6 | 100 | EXIST | - | - | No | - | - | - | N | X |

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.
- Run new lead-in cable utilizing existing conduit system.
- 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 * | - | 1.0 | - | 1.0 |
| Max 1 * | 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 |

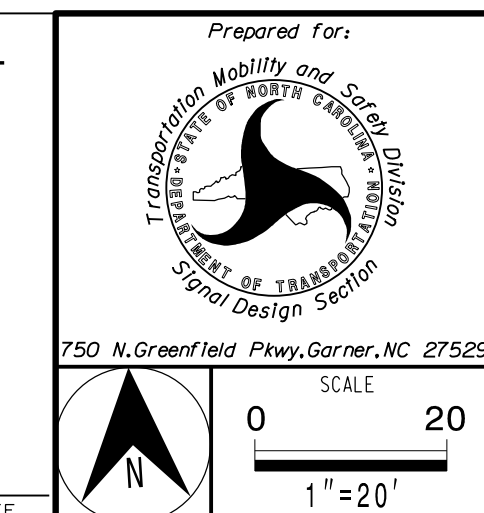
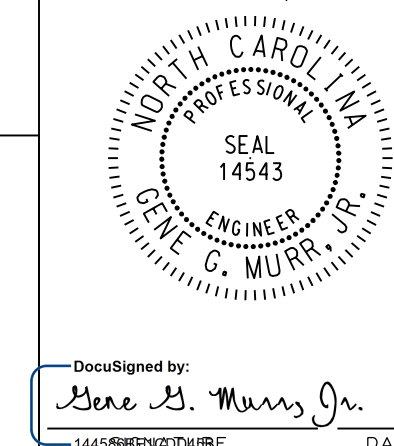
* These values may be field adjusted. Do not adjust Min Green and Extension times for phases 2 and 6 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.

LEGEND

- | PROPOSED | EXISTING |
|----------|----------|
| | |
| | N/A |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| N/A | |
| | |
| | |
| | |

Signal Revision

Revision Seal



US 701 Business (South Madison Street) at Walter Street

| | | |
|---|--------------------------|------------|
| Division 6 | Columbus County | Whiteville |
| PLAN DATE: July 2003 | REVIEWED BY: R.J. Ziemba | |
| PREPARED BY: Hanbright | REVIEWED BY: | |
| REVISIONS | INIT. | DATE |
| Controller changed to ASC/3 with new cabinet. | GGM | 05/15/20 |

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL
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