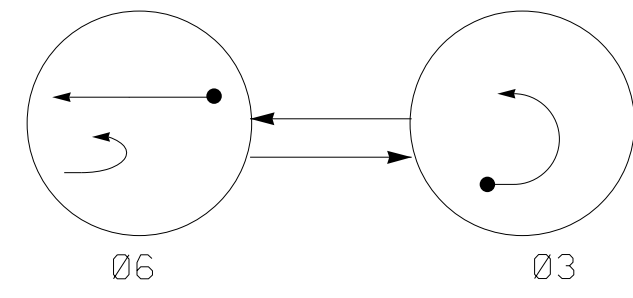
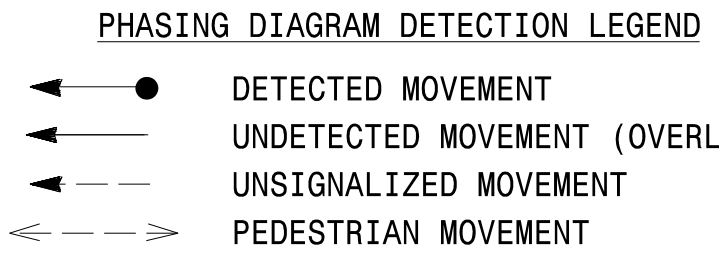
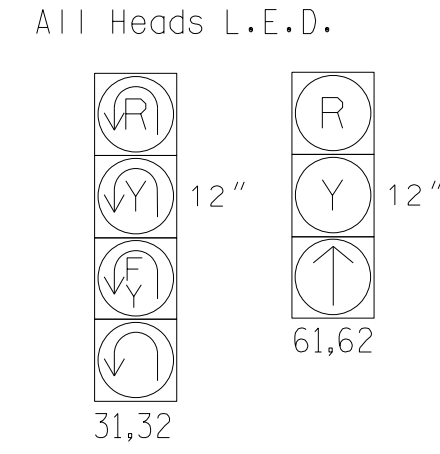


PHASING DIAGRAM



| SIGNAL FACE | PHASE | | |
|-------------|-------|---|---|
| | 3 | 6 | 1 |
| 31,32 | ← | → | ↺ |
| 61,62 | R | ↑ | Y |

SIGNAL FACE I.D.



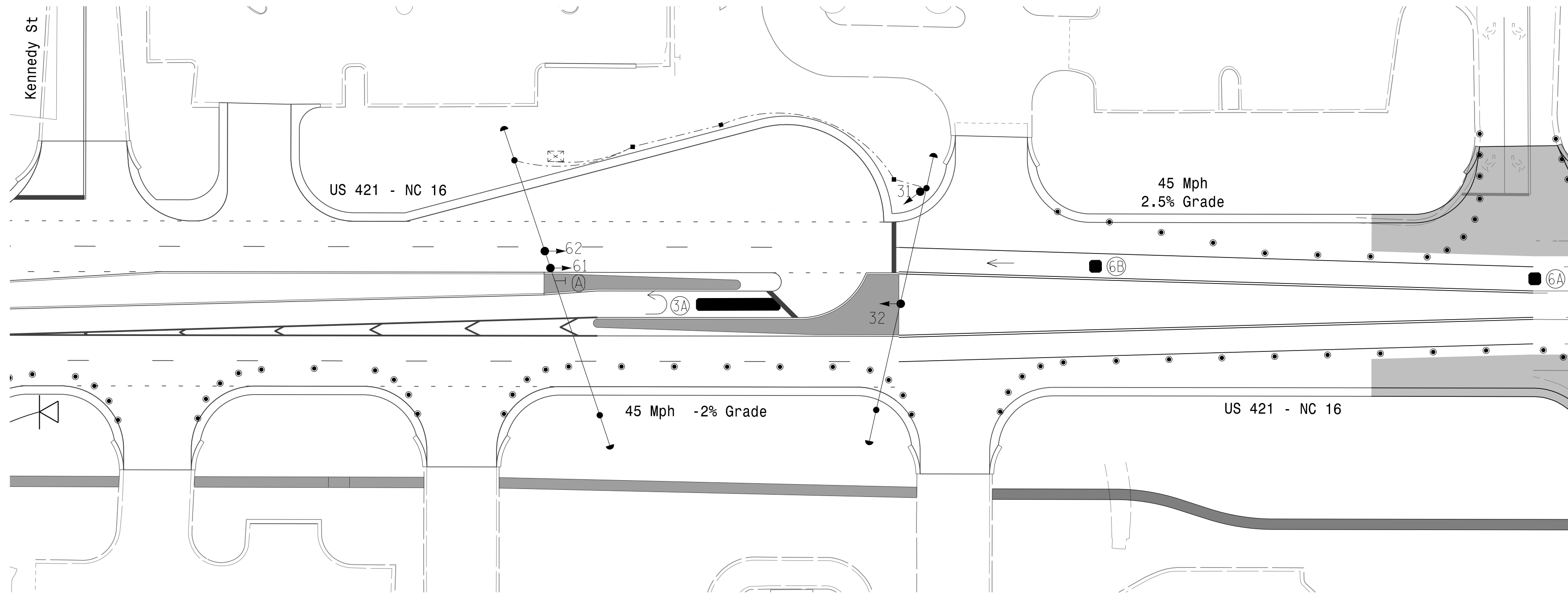
| LOOP | DETECTOR | | | PROGRAMMING | | | | | | | | |
|------|-----------|----------------------------|-------|-------------|------------|------------|-------------|----------------|---------------|------|--------------------|----------|
| | SIZE (FT) | DISTANCE FROM STOPBAR (FT) | TURNS | NEW LOOP | CALL PHASE | DELAY TIME | EXTEND TIME | EXTEND INITIAL | ADDED INITIAL | CALL | DELAY DURING GREEN | NEW CARD |
| 3A | * | 0 | * | * | 3 | 15.0 | - | X | - | X | - | * |
| 6A | * | 300 | * | * | 6 | - | 1.6 | X | - | X | - | * |
| 6B | * | 90 | * | * | 6 | - | - | X | - | X | - | * |

*Video Detection Zone

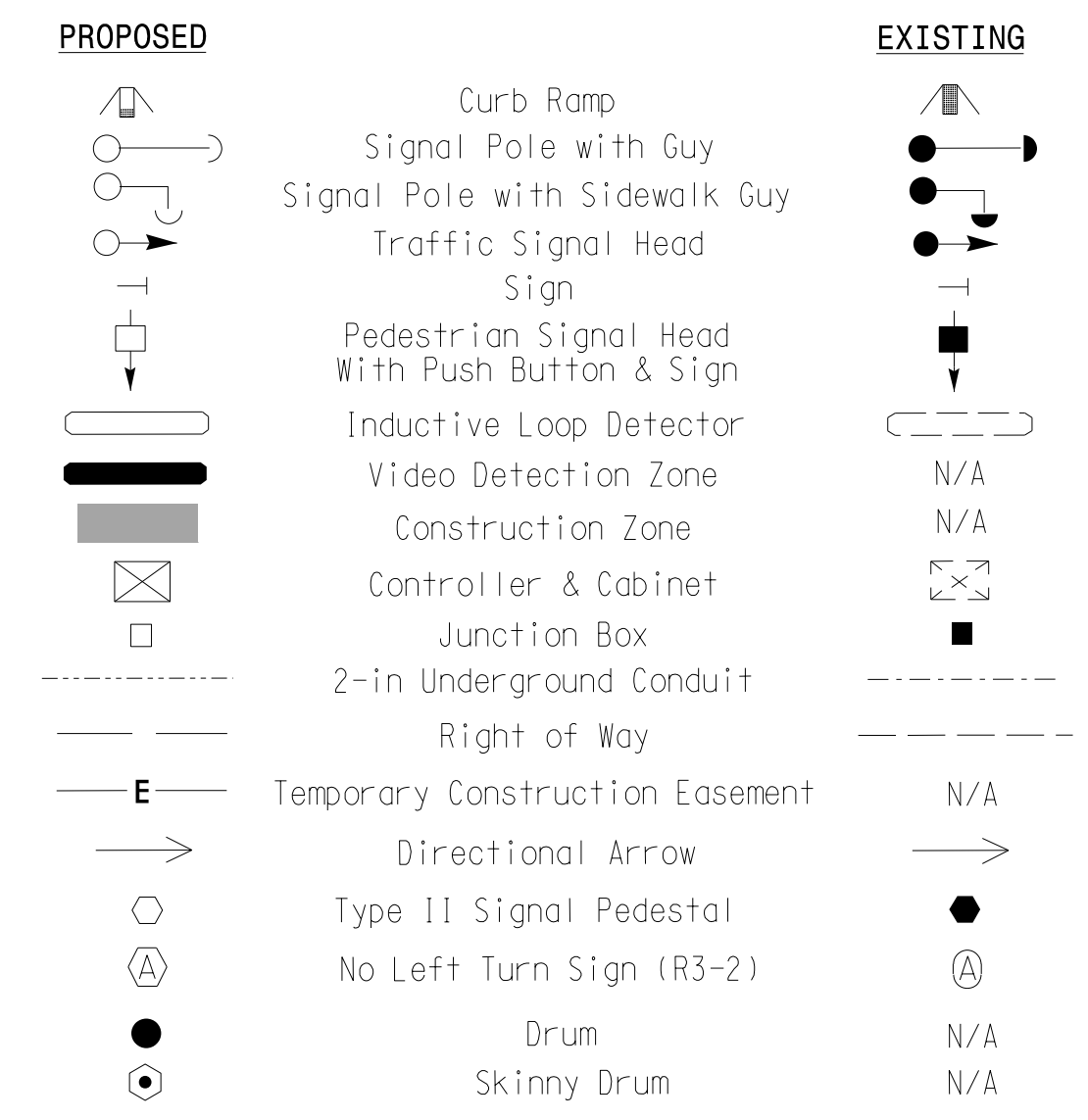
2 Phase Fully Actuated (Isolated)

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 operation unless otherwise directed by the Engineer.
3. Set all detector units to presence mode.
4. This intersection uses video detection. Install detectors according to the manufacturer's instructions to achieve the desired detection.
5. Refer to Pavement Marking Plans for proposed stop bar locations.



LEGEND



MAXTIME TIMING CHART

| FEATURE | PHASE | |
|-------------------------|-------|------------|
| | 3 | 6 |
| Walk * | - | - |
| Ped Clear * | - | - |
| Min Green | 7 | 12 |
| Passage * | 2.0 | 2.0 |
| Max 1 * | 30 | 60 |
| Yellow Change | 3.0 | 4.3 |
| Red Clear | 3.3 | 1.0 |
| Added Initial * | - | - |
| Maximum Initial * | - | - |
| Time Before Reduction * | - | - |
| Time To Reduce * | - | - |
| Minimum Gap | - | - |
| Advance Walk | - | - |
| Non Lock Detector | X | - |
| Vehicle Recall | - | MIN RECALL |
| Dual Entry | - | - |

* 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.

3/28/2023 10:16:15 PM \\vhp\gbl\proj\raleigh\38621.03 NCDOT U-5312 Wilkes Co\NCDOT\Traffic\Signals\Design\Signals\100% Design Plans\Temporary Signal Design\111468T2_sig _dsn_202305.dgn schiluka



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Temporary Design 2 (Phase 10)

Prepared For the Offices of:

 750 N. Greenfield Pkwy, Garner, NC 27529

US 421-NC 16 at SR 1323 (Dancy Road)/Lowe's Entrance East U-Turn

Division 11 Wilkes County Wilkesboro

PLAN DATE: May 2023 REVIEWED BY: M.L. Stygles

PREPARED BY: S.R. Chiluka REVIEWED BY: J. Ma

SCALE: 1" = 40'

5/24/2023

SIGNATURE:

SIG. INVENTORY NO. 11-1468T2