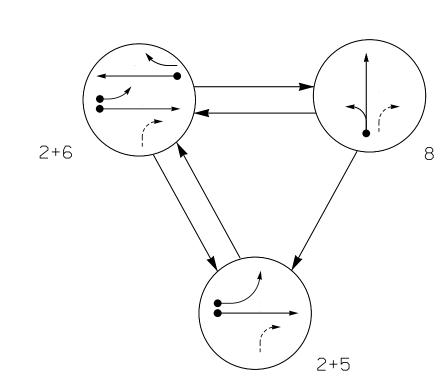
PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

DETECTED MOVEMENT

UNDETECTED MOVEMENT (OVERLAP) UNSIGNALIZED MOVEMENT

| TABLE OF | 0P | ERA | ATI | ON |
|----------------|----------|-----|------|--------|
| | | PH | HASE | - - |
| SIGNAL FACE | № + 15 | 2+6 | 8 | 止」母の王 |
| 21 | G | G | R | R |
| 2.2 | † | 1 | R | R |
| 51 | Ų. | F | # | # |
| 61 | R | 1 | R | R |
| 62 | R | G | R | R |
| 63 | R | F | R | R |
| 81,82,83 | R | R | G | R |

| IADEL OI | OI LILATION | | | |
|----------------|-------------|----------------|-------------|-------------|
| | PHASE | | | |
| SIGNAL FACE | 2 + 5 | 2+6 | 8 | 止」母の王 |
| 21 | G | G | R | R |
| 2.2 | 1 | 1 | R | R |
| 51 | - | - F | | |
| 61 | R | 1 | R | R |
| 6.2 | R | G | R | R |
| 63 | R | F | R | R |
| 81,82,83 | R | R | G | R |

SIGNAL FACE I.D.

All Heads L.E.D.

DETECTOR PROGRAMMING FROM S CALL DELAY EXTEND STOPBAR (FT) 6X6 | 70 | * |*| **2** | -- | X | - | X | -5 | 15.0 | - | X | - | X | -5A* 6 X·40 - X - X -6A* 6X6 70 - | X | - | X | -8A* 6X40 - X - X - I

MAXTIME DETECTOR INSTALLATION CHART

* Video Detection Zone

3 Phase Fully Actuated (NC 135 CLS) Signal System #: D07-09_Mayodan

Division 7 Rockingham County

750 N.Greenfield Pkwy.Garner,NC 27529 PREPARED BY: Jamal Khdeir REVIEWED BY:

1'=40'

June 2025 REVIEWED BY: Golam Moinuddin

INIT. DATE

PROJECT REFERENCE NO. I-5898 Sig. 14.

SEAL

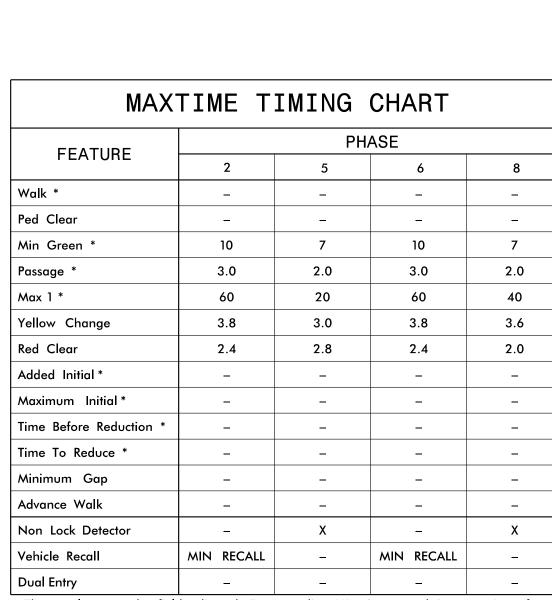
034454

SIG. INVENTORY NO. 07-1417

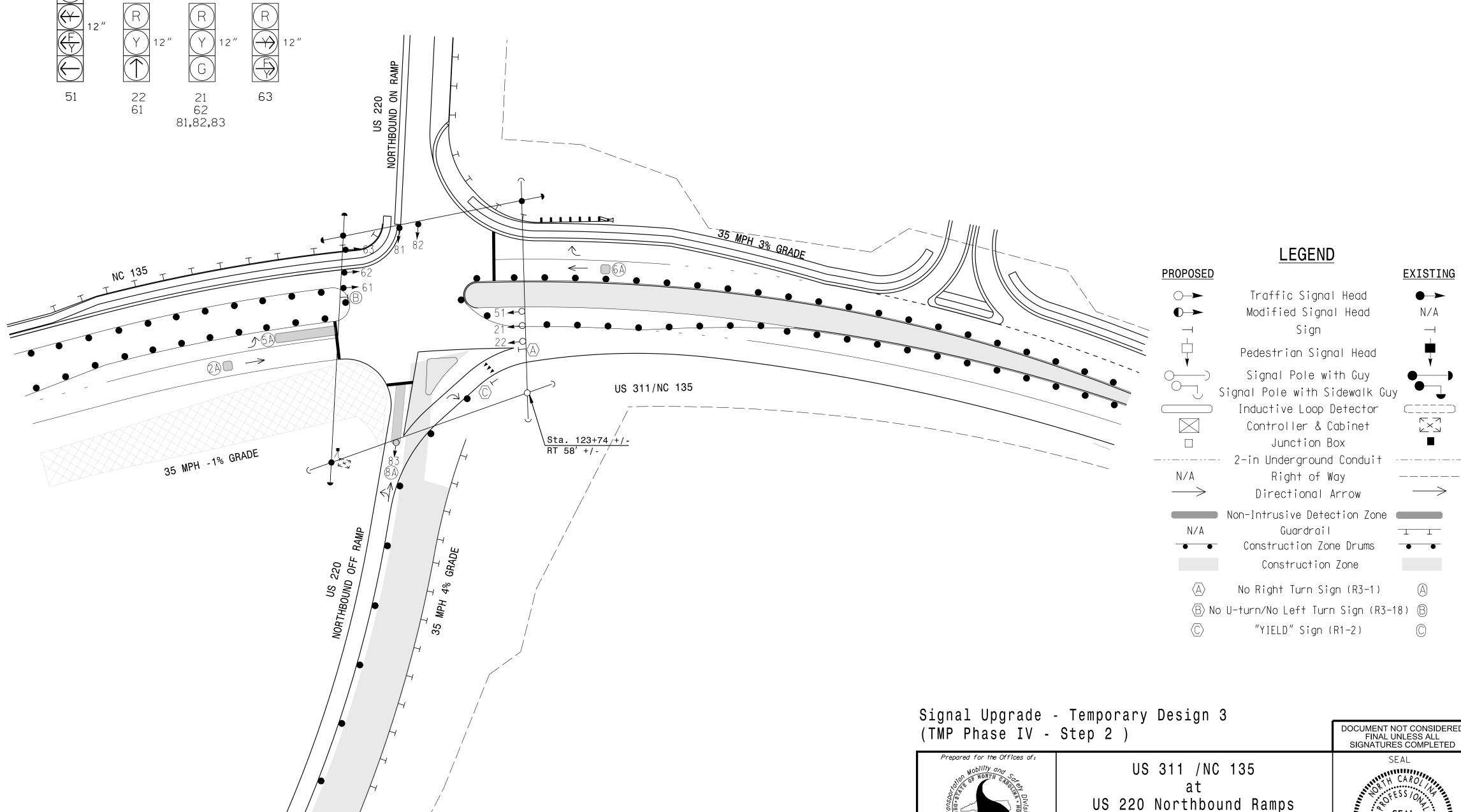
Golam Moinuddin

NOTES

- 1. Refer to "Roadway Standard Drawings NCDOT" dated January 2024 and "Standard Specifications for Roads
- and Structures" dated January 2024. 2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- 3. Phase 5 may be lagged.4. Reposition existing signal heads numbered 61,62,63,81 and 82.
- 5. Set all detector units to presence mode. 6. This intersection uses video detection. Install detectors according to
 - the manufacturers instructions to achieve the desired detection.
- 7. Maximum times shown in timing chart are for free-run opation only. Coordinated signal system timing values supersede these values.



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 Offices of:

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