

TABLE OF OPERATION table with columns for SIGNAL FACE, PHASE, and timing details.

ASC/3 DETECTOR INSTALLATION CHART table with columns for DETECTOR, PROGRAMMING, and installation details.

3 Phase Fully Actuated w/ Emergency Vehicle Preemption SR 1007 (Mebane Oaks Rd) CLS Signal System: 10705

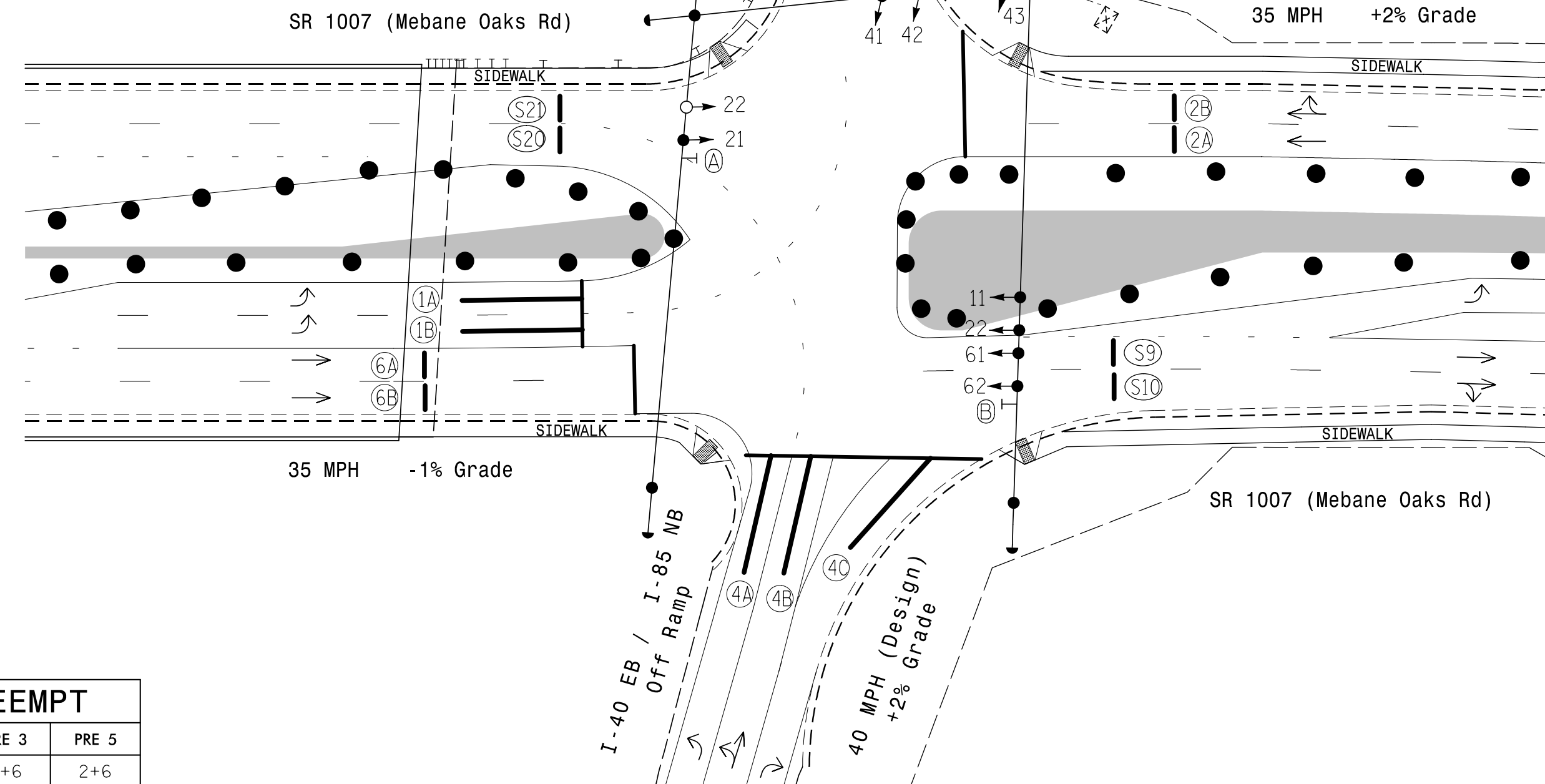
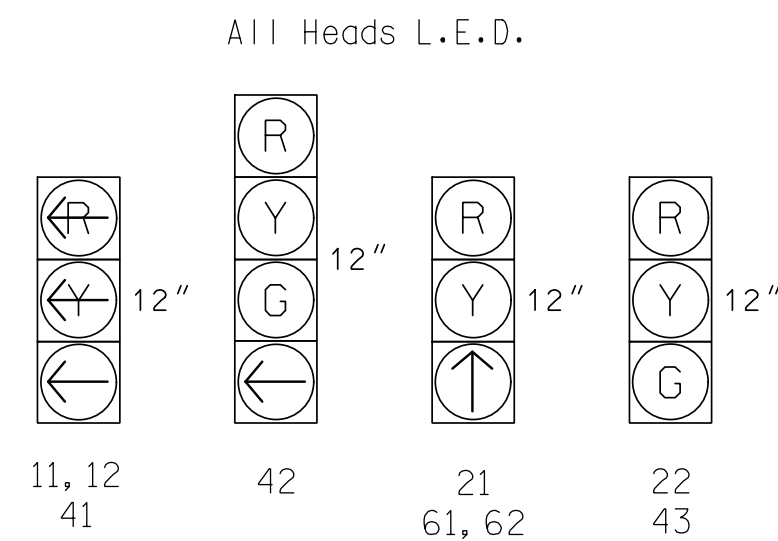
NOTES

- 1. Refer to "Roadway Standard Drawings NCDOT" dated January 2018... 2. Do not program signal for late night flashing operation... 3. Phase 1 may be lagged. 4. Reposition existing signal head 21 and sign A. 5. Set all detector units to presence mode. 6. This intersection features a GPS Emergency Vehicle Preemption system. 7. Maximum times shown in timing chart are for free-run operation only. 8. Closed loop system data: Controller Asset #: 2025.

PHASING DIAGRAM DETECTION LEGEND

- DETECTED MOVEMENT (arrow with dot)
UNDETECTED MOVEMENT (OVERLAP) (arrow with line)
UNSIGNALIZED MOVEMENT (dashed arrow)

SIGNAL FACE I.D.



LEGEND

- PROPOSED: Traffic Signal Head, Signal Pole with Guy, Controller & Cabinet Junction Box, 2-in Underground Conduit, Directional Arrow, Construction Zone Drums, Construction Zone, Video Detection Area, Curb Ramp, Guardrail.
EXISTING: Traffic Signal Head, Signal Pole with Sidewalk Guy, Junction Box, Right of Way, Construction Zone, Curb Ramp, Guardrail.
Signs: (A) No U Turn / No Left Turn Sign, (B) No Right Turn Sign.

ASC/3 TIMING CHART

Timing chart table with columns for FEATURE and PHASE (1, 2, 4, 6) and various timing parameters like Min Green, Walk, Ped Clear, etc.

ASC/3 EV PREEMPT

Preemption table with columns for FUNCTION, PRE 3, and PRE 5, including Exit Phase(s), Preempt Override, Delay Time, etc.

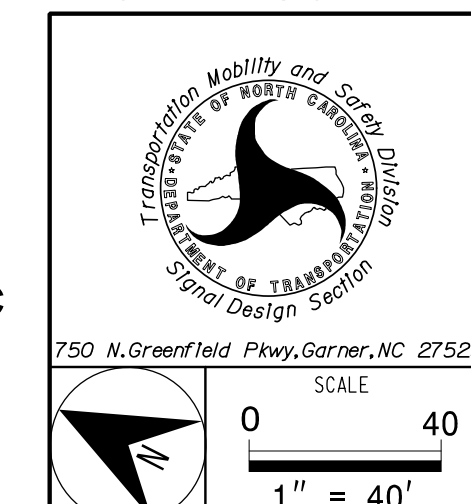
* These values may be field adjusted. Do not adjust Min Green and Extension times for phases 2 and 6 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.

* Time defaults to time used for phase during normal operation

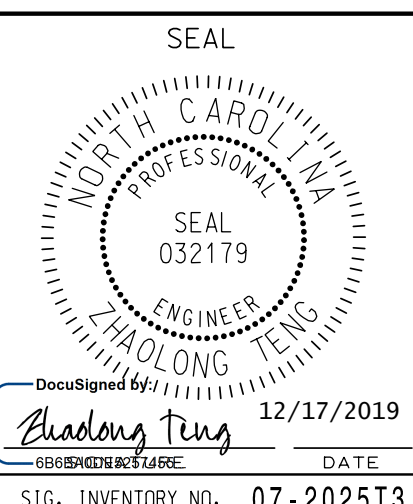
(TMP Phase III) Signal Upgrade - Temporary Design 3

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PREPARED IN THE OFFICE OF: Accelerate Engineering, PLLC 875 Walnut Street, Suite 316 Cary, NC 27511 Tel: 919.263.5678 Fax: 919.263.5687 NC License No. P-1442



Project information block including SR 1007 (Mebane Oaks Road) at I-40 EB / I-85 NB Ramps, Division 7 Alamance County, Mebane, and revision table.



Vertical text: \$\$\$\$\$\$SYTIME\$\$\$\$\$\$ \$\$\$\$\$\$SYTIME\$\$\$\$\$\$ \$\$\$\$\$\$SYTIME\$\$\$\$\$\$ \$\$\$\$\$\$SYTIME\$\$\$\$\$\$ \$\$\$\$\$\$SYTIME\$\$\$\$\$\$ \$\$\$\$\$\$SYTIME\$\$\$\$\$\$