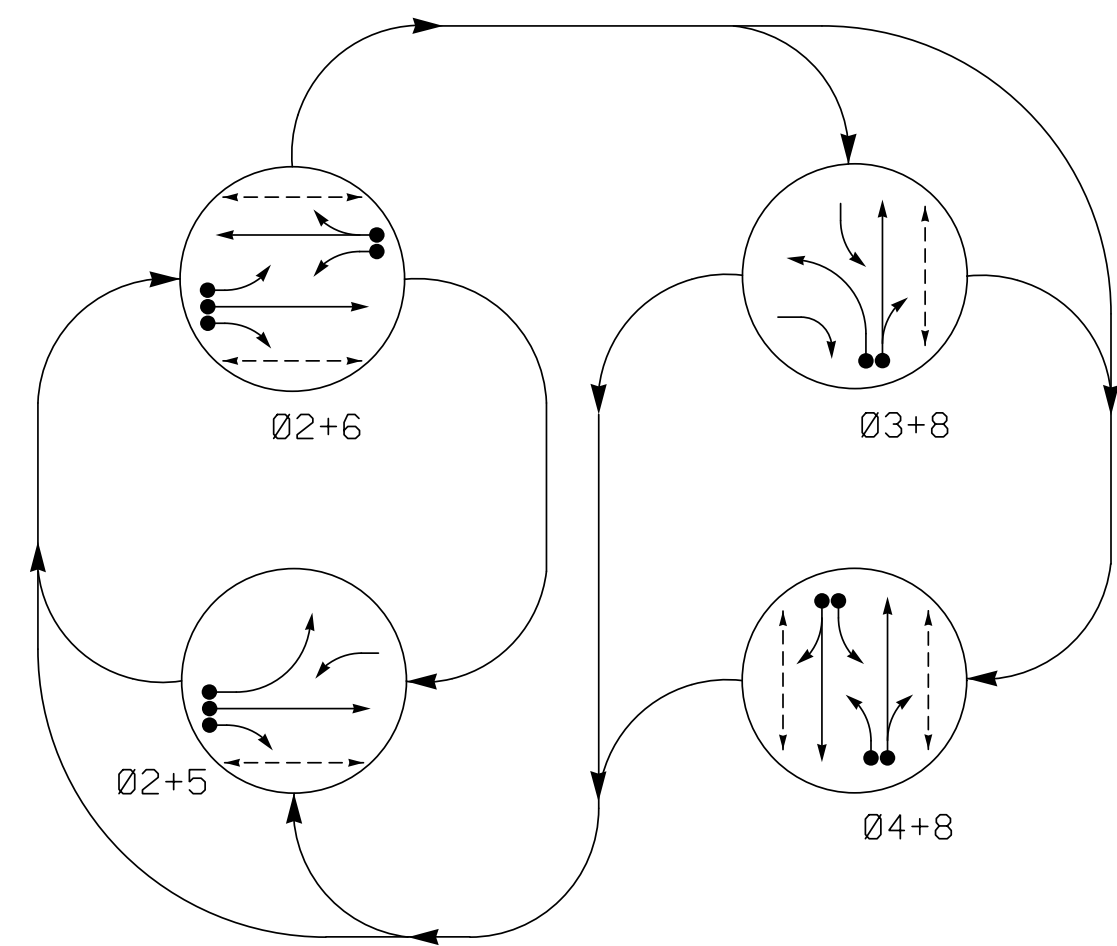


PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

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

TABLE OF OPERATION

Table with columns: SIGNAL FACE, PHASE (Ø 2+5, Ø 2+6, Ø 3+8, Ø 4+8, FLASH, H), and rows for various signal faces like 21, 22, 31, 41, 42,43, 51, 61, 62,63, 81,82, P21,P22, P41,P42, P61,P62, P81,P82.

ASC/3 DETECTOR INSTALLATION CHART

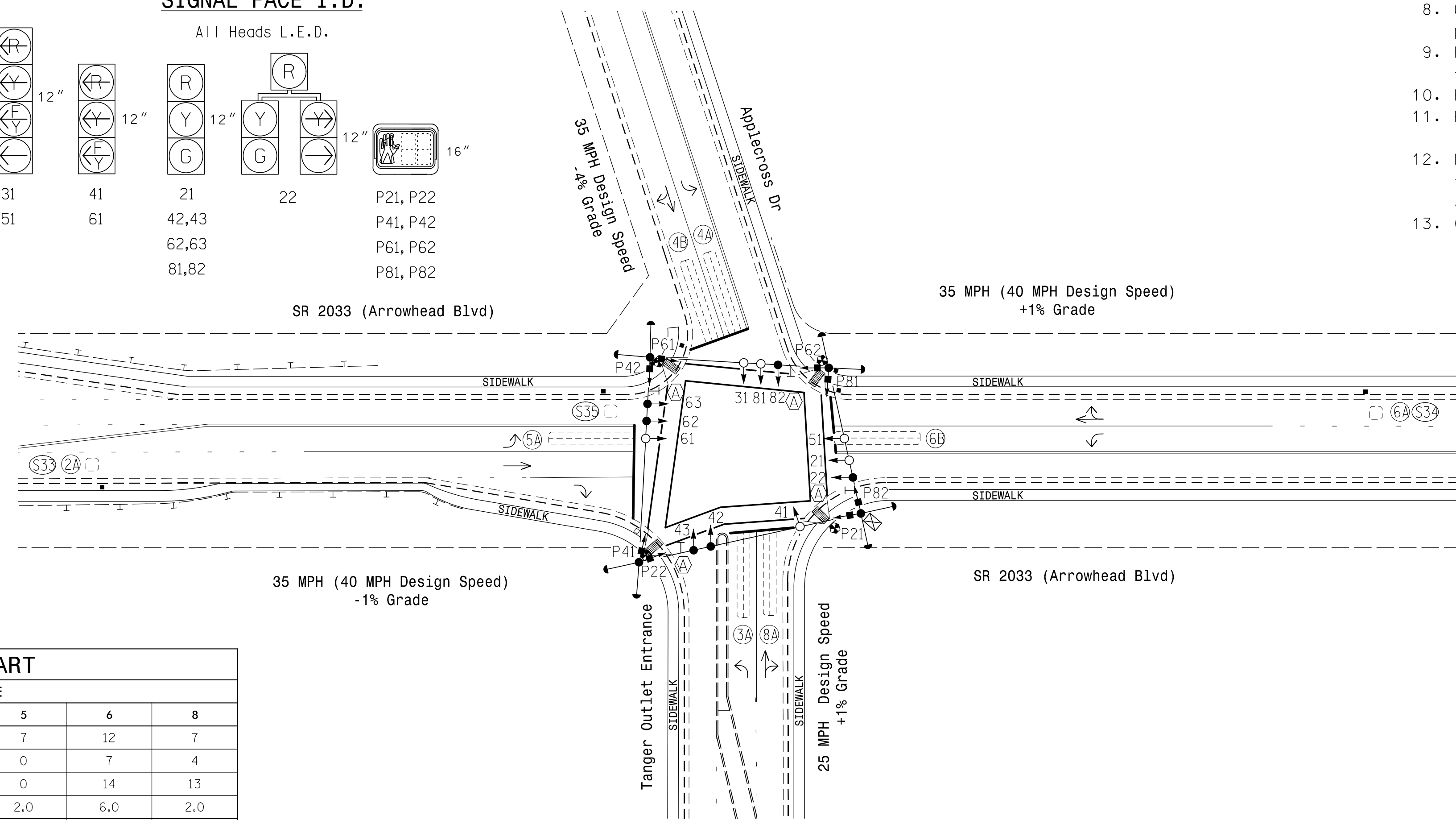
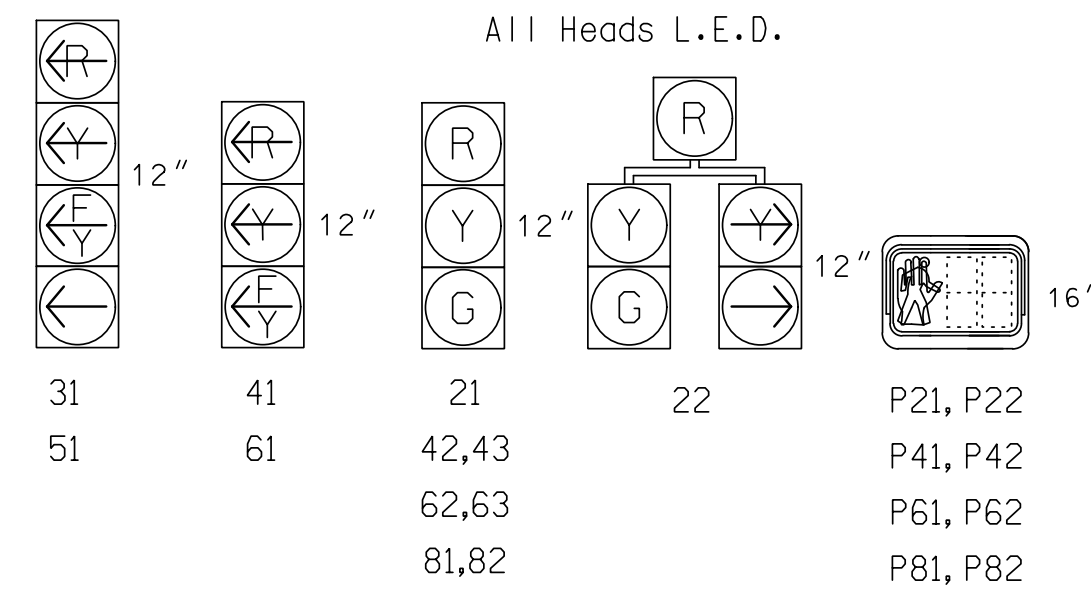
Table with columns: DETECTOR (LOOP, SIZE, DISTANCE FROM STOPBAR, TURNS, NEW LOOP) and PROGRAMMING (PHASE, CALLING, EXTEND TIME, DELAY TIME, USE ADDED INITIAL, TYPE, SYSTEM LOOP, NEW CARD).

4 Phase Fully Actuated 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 unless otherwise directed...
3. Phase 5 may be lagged.
4. Phase 3 may be lagged.
5. Renumber existing signal heads 41, 42, 61 and 62 as signal heads 42, 43, 62 and 63, respectively.

SIGNAL FACE I.D.



ASC/3 TIMING CHART

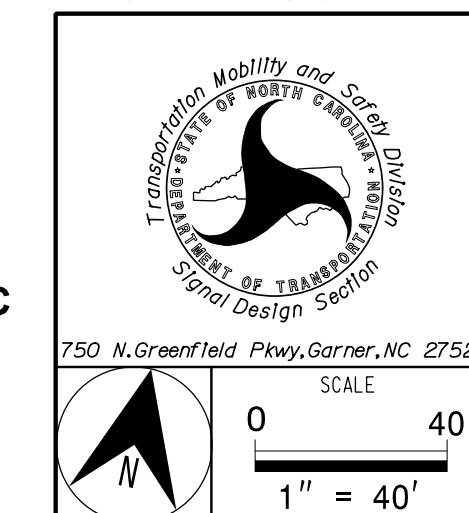
Timing chart table with columns: FEATURE, PHASE (2, 3, 4, 5, 6, 8), and rows for Min Green, Walk, Ped Clear, Veh. Extension, Max I, Yellow, Red Clear, Red Revert, Actuations B4 Add, Seconds/Actuation, Max Initial, Time Before Reduction, Time To Reduce, Minimum Gap, Locking Detector, Recall Position, Dual Entry, Simultaneous Gap.

* 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: Traffic Signal Head, Pedestrian Signal Head, Signal Pole with Guy, Inductive Loop Detector, Controller & Cabinet, Junction Box, 2-in Underground Conduit, Directional Arrow, Type I Pushbutton Post, Curb Ramp, Guardrail, Right "TURNING VEHICLES" Yield TO Pedestrians Sign.
EXISTING: Sign, Signal Pole with Guy, Junction Box, Right of Way, Directional Arrow, Curb Ramp, Guardrail, Right "TURNING VEHICLES" Yield TO Pedestrians Sign.

Signal Upgrade



SR 2033 (Arrowhead Boulevard) at Applecross Drive/ Tanger Outlet Entrance

Division 7 Alamance County Mebane

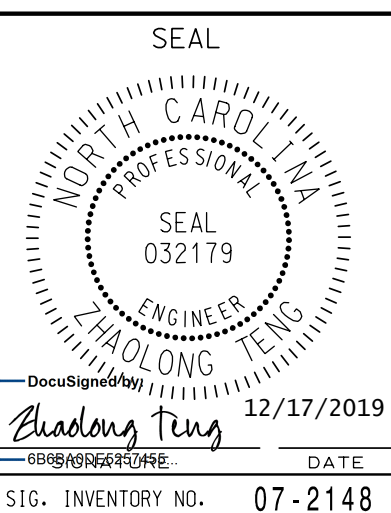
PLAN DATE: November 2019 REVIEWED BY: Z. "Gavin" Teng

PREPARED BY: Z. "Gavin" Teng REVIEWED BY:

REVISIONS INIT. DATE

Table with columns: REVISIONS, INIT., DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



DATE 12/17/2019 SIG. INVENTORY NO. 07-2148

PREPARED IN THE OFFICE OF:

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