

PHASING DIAGRAM

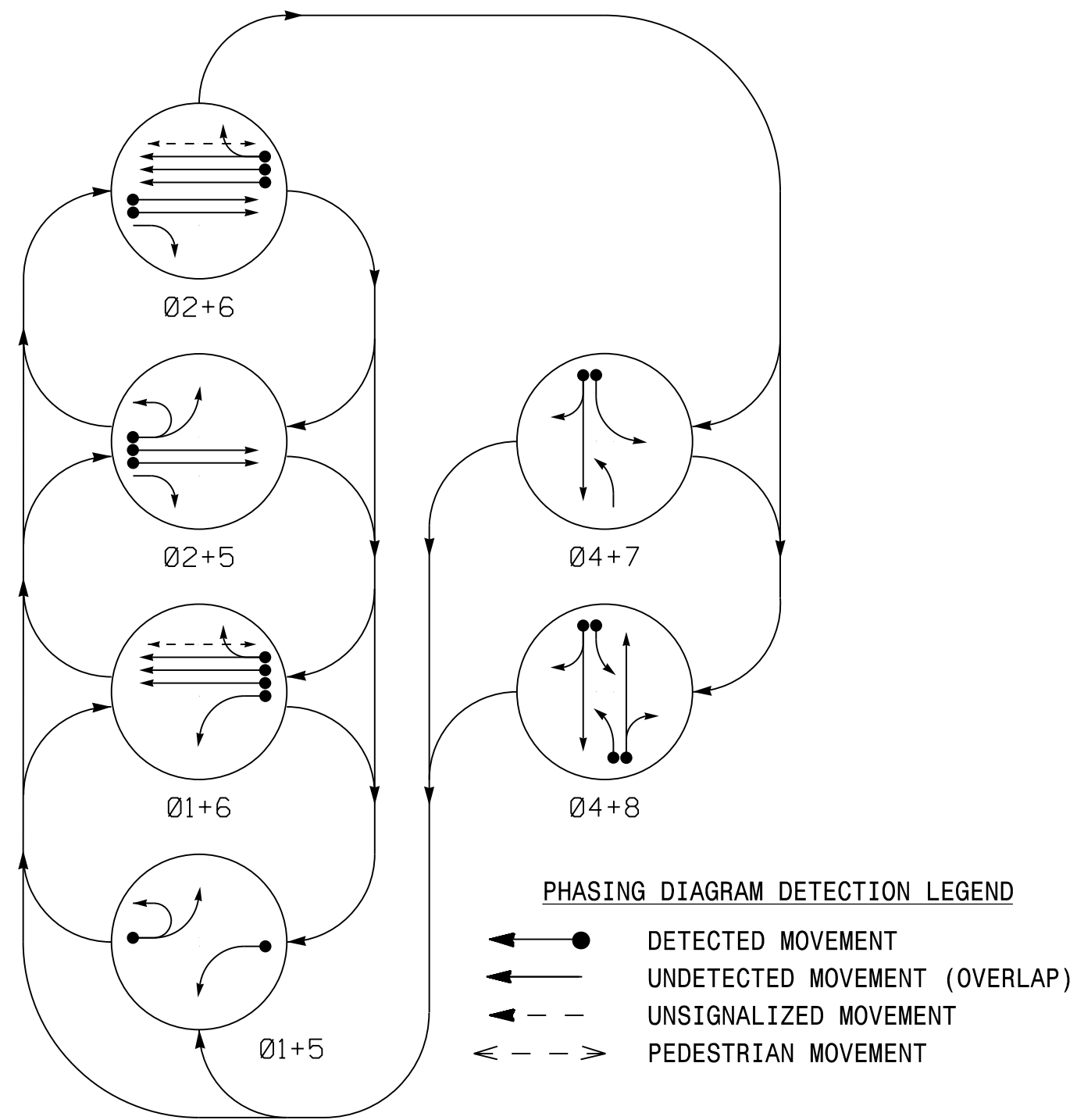
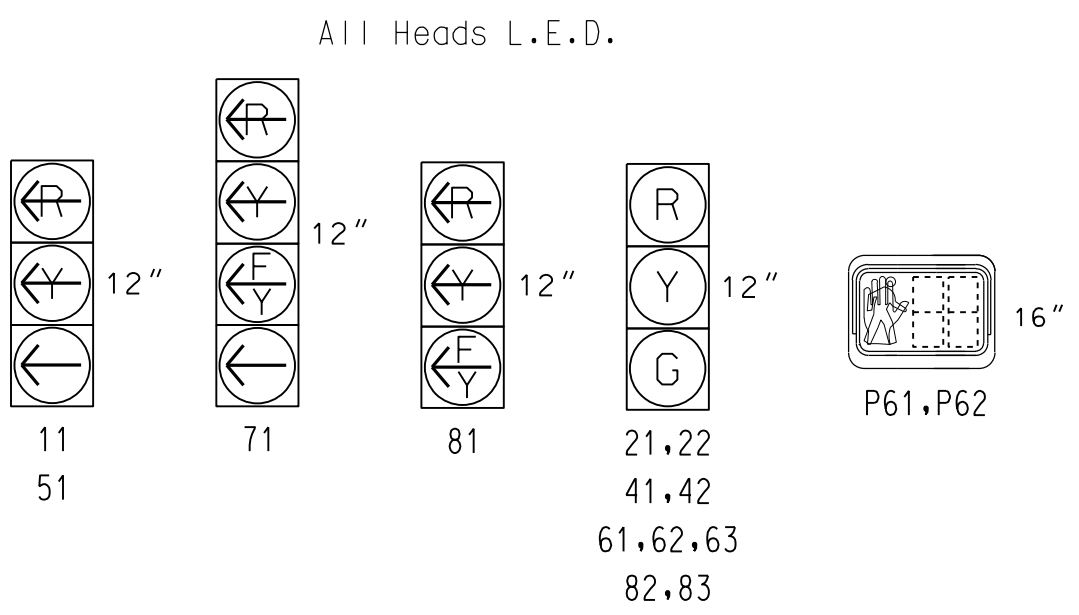


TABLE OF OPERATION

Table with columns for Signal Face and Phase (Ø1+5, Ø1+6, Ø2+5, Ø2+6, Ø4+7, Ø4+8, F, H, S, L, T, R, G, Y, G, R, Y, G, R, Y, DW, W, DW, W, DW, DW, DRK).

SIGNAL FACE I.D.



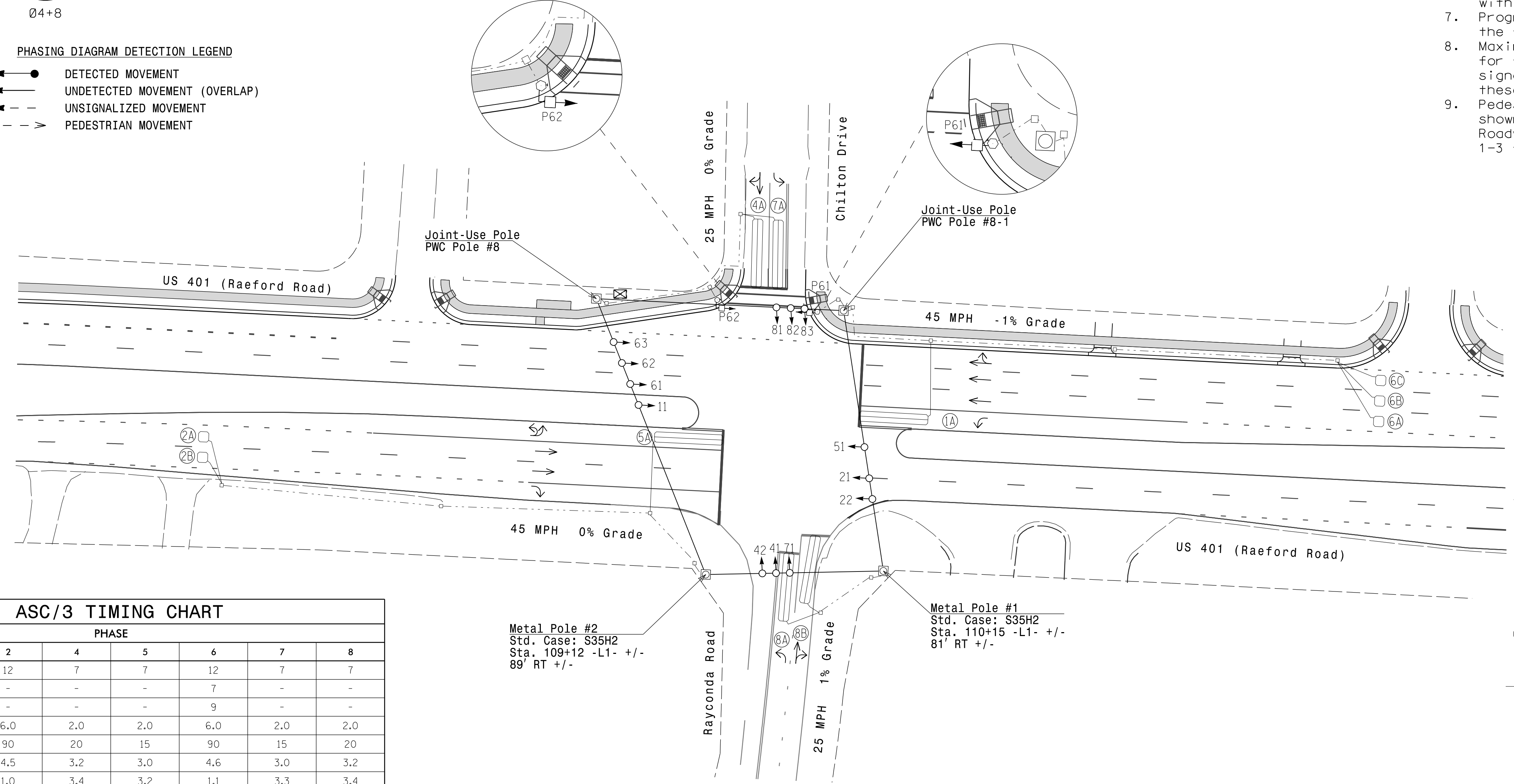
ASC/3 DETECTOR INSTALLATION CHART

Table with columns for Loop, Size (FT), Distance from Stopbar (FT), Turns, New Loop, Phase, Calling, Extend Time, Delay Time, Use Added Initial, Type, System Loop, New Card. Lists loops 1A through 8B.

6 Phase Fully Actuated Fayetteville Signal System

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 flashing operation unless otherwise directed by the Engineer.
3. Phase 1 and/or phase 5 may be lagged.
4. Phase 7 may be lagged.
5. Set all detector units to presence mode.
6. Omit "WALK" and flashing "DON'T WALK" with no pedestrian calls.
7. Program pedestrian heads to countdown the flashing "Don't Walk" time only.
8. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
9. Pedestrian pedestals are conceptual and shown for reference only. See 2018 NCDOT Roadway Standard Drawings 1705.04 Sheets 1-3 for push button location details.

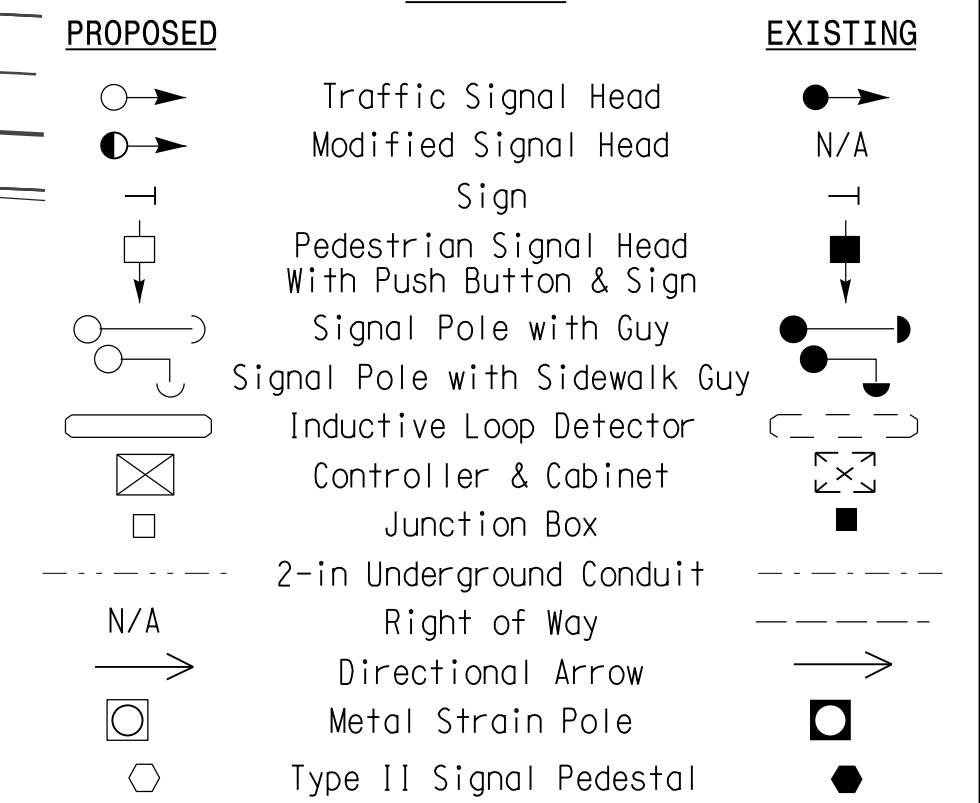


ASC/3 TIMING CHART

Timing chart table with columns for Feature and Phases 1 through 8. Rows include 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



Signal Upgrade - Final Design

Stantec logo and contact information: Stantec Consulting Services Inc., 801 Jones Franklin Road-Suite 300, Raleigh, NC 27606.

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Project information: US 401 (Raeford Rd.) at Chilton Dr / Rayconda Rd, Division 6, Cumberland County, Fayetteville. Plan Date: March 2018, Prepared by: R M Muncey, Reviewed by: E D Harris, B L Watson.

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