

PHASING DIAGRAM

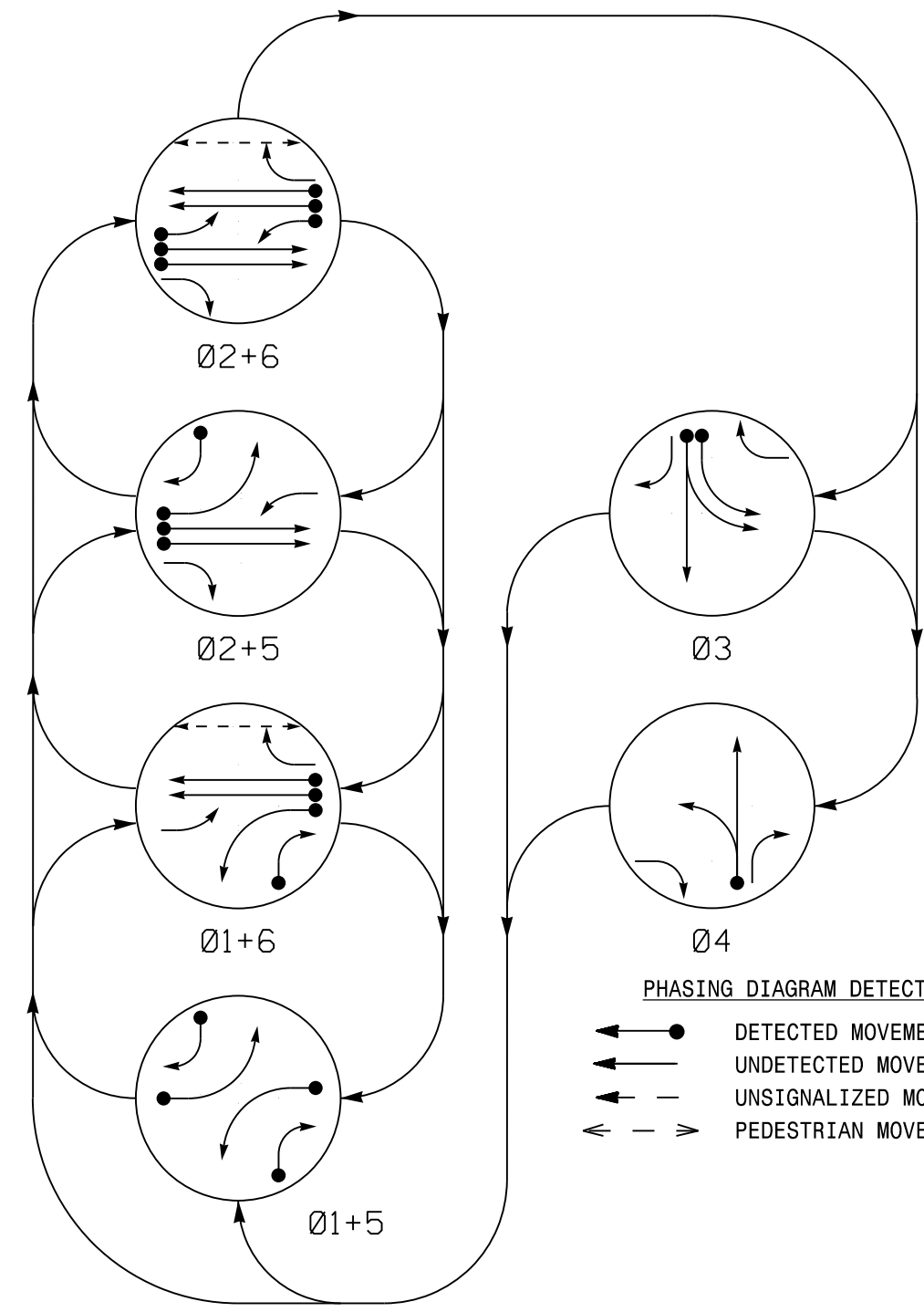
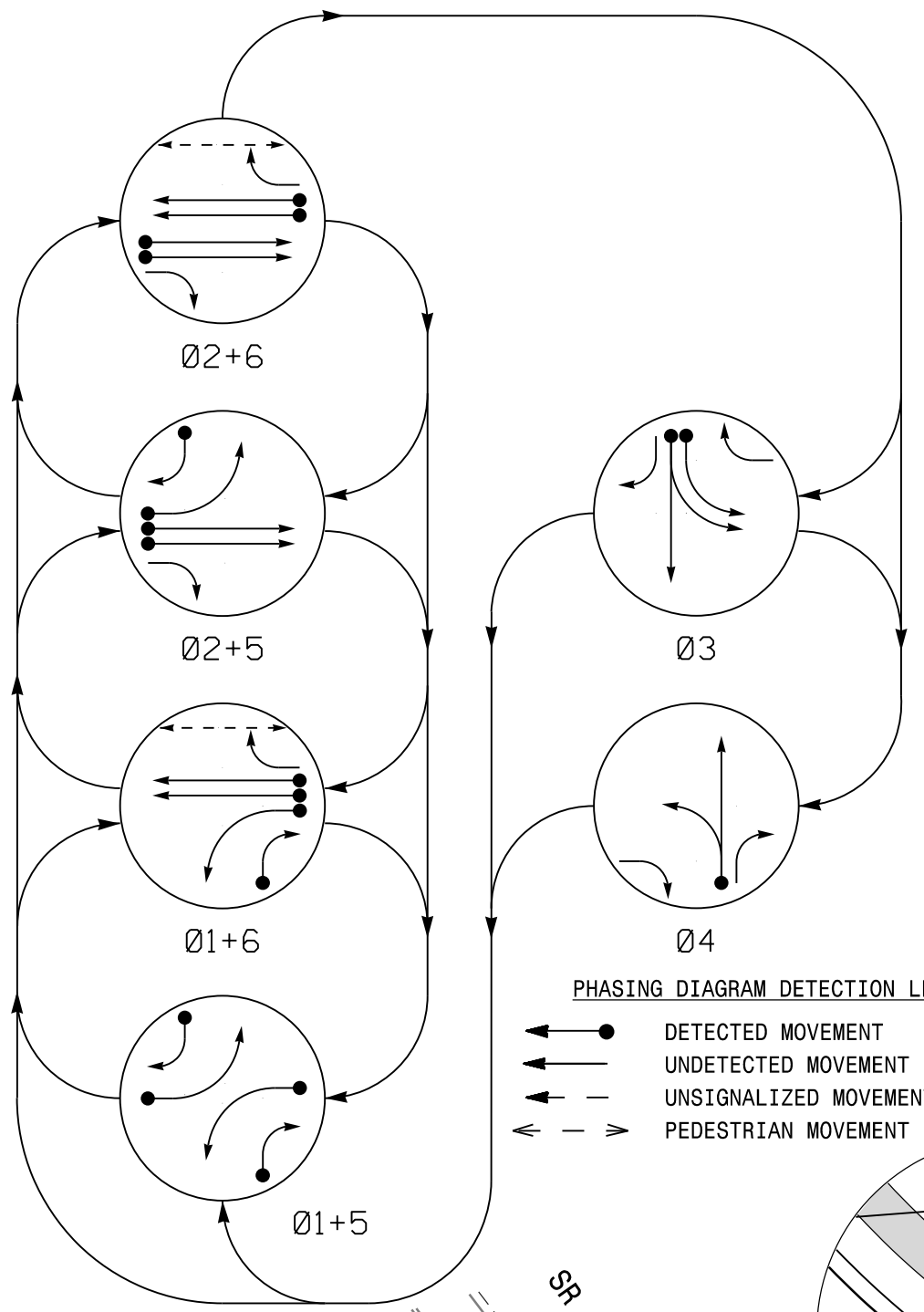


TABLE OF OPERATION table with columns for SIGNAL FACE, PHASE (01+5, 02+5, 03, 04), and FLASH.

PHASING DIAGRAM DETECTION LEGEND with symbols for detected/undetected movement, unsignalized movement, and pedestrian movement.

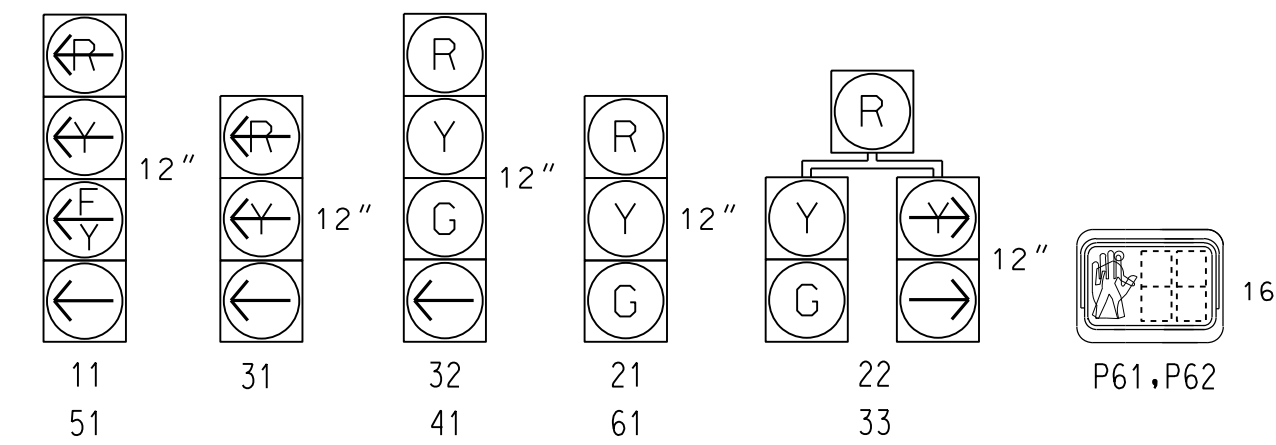
ALTERNATE PHASING DIAGRAM



ALTERNATE TABLE OF OPERATION table with columns for SIGNAL FACE, PHASE (01+5, 02+5, 03, 04), and FLASH.

PHASING DIAGRAM DETECTION LEGEND (repeated for alternate diagram).

SIGNAL FACE I.D. All Heads L.E.D.



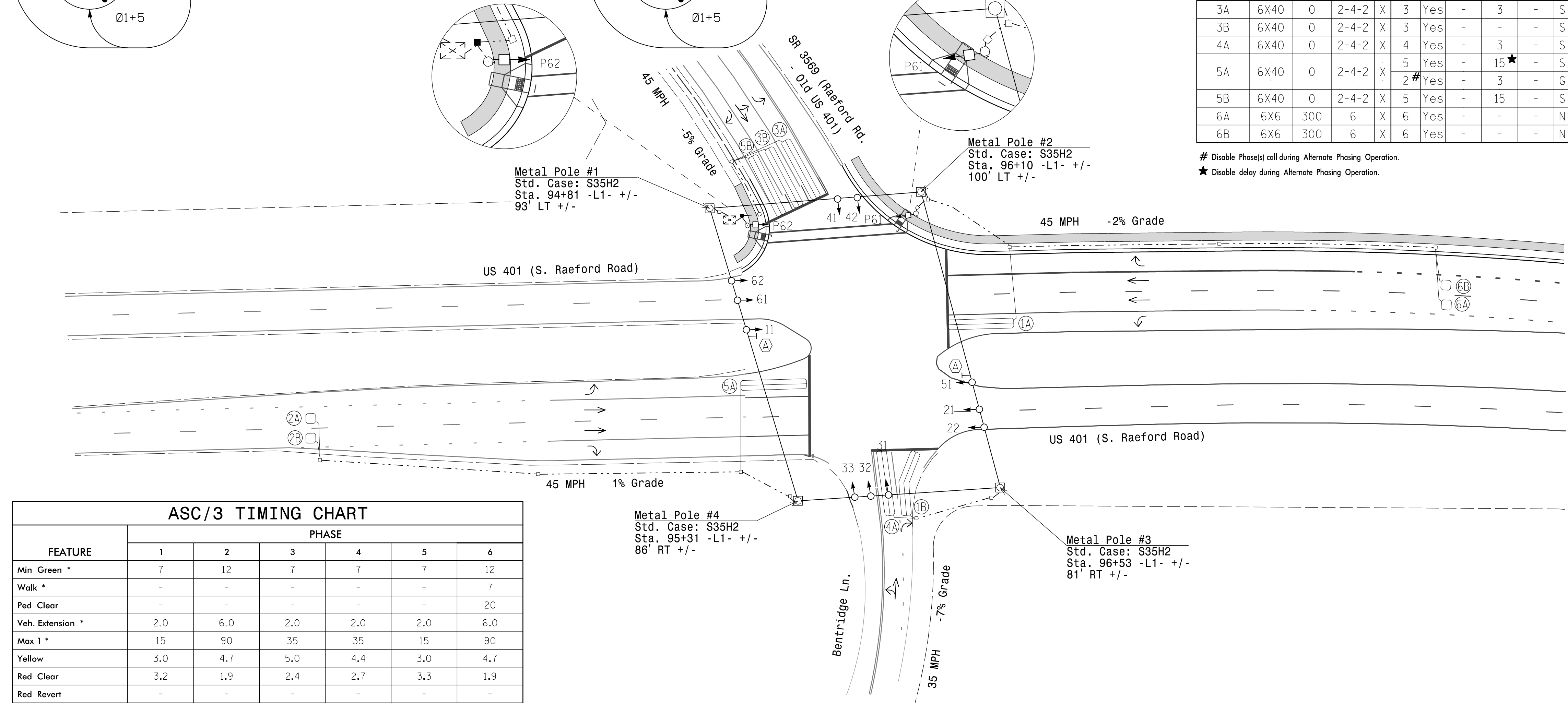
6 Phase Fully Actuated Fayetteville Signal System

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. The order of phase 3 and phase 4 may be reversed... 5. Set all detector units to presence mode... 6. Locate new cabinet foundation so as not to obstruct sight distance... 7. Omit "WALK" and flashing "DON'T WALK" with no pedestrian calls... 8. Program pedestrian heads to countdown the flashing "Don't Walk" time only... 9. Maximum times shown in timing chart are for free-run operation only... 10. The Division (City) Traffic Engineer will determine the hours of use for each phasing plan... 11. Pedestrian pedestals are conceptual and shown for reference only.

ASC/3 DETECTOR INSTALLATION CHART table with columns for LOOP, SIZE, DISTANCE FROM STOPBAR, TURNS, NEW LOOP, PHASE, CALLING, EXTEND TIME, DELAY TIME, USE ADDED INITIAL, TYPE, SYSTEM LOOP, NEW CARD.

# Disable Phase(s) call during Alternate Phasing Operation. ★ Disable delay during Alternate Phasing Operation.

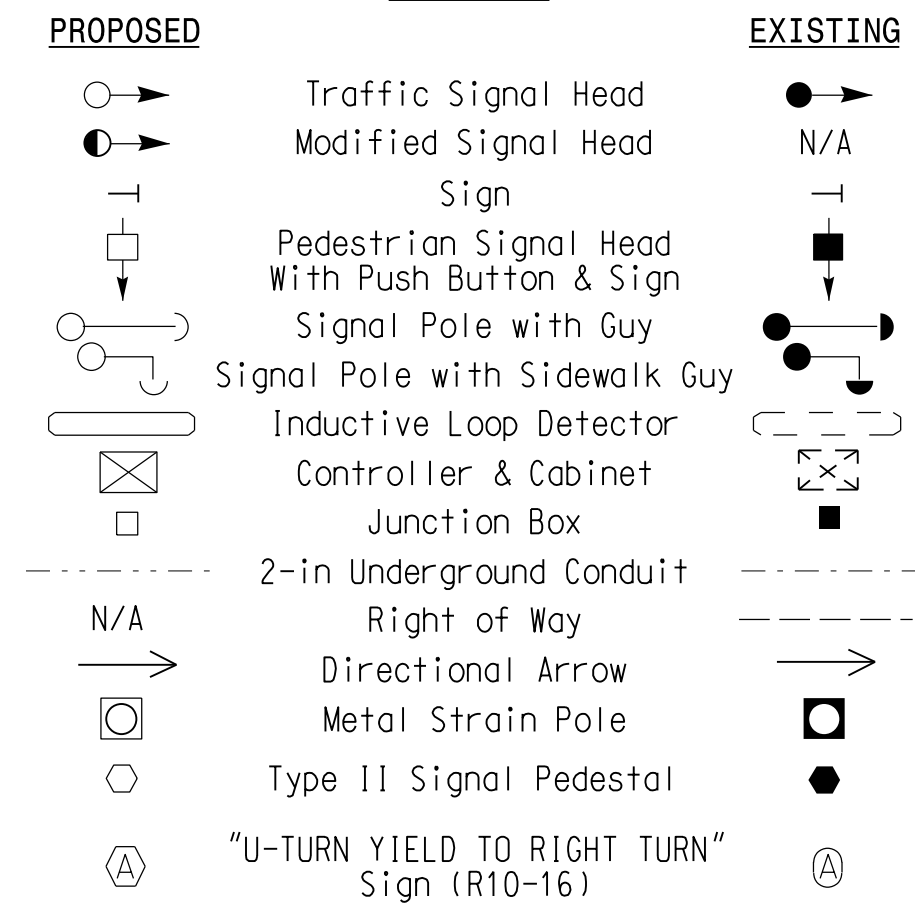


ASC/3 TIMING CHART

ASC/3 TIMING CHART table with columns for FEATURE, PHASE (1-6), and timing values.

\* 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.

Professional Engineer seal for Jeffrey L. Watson, State of North Carolina, License No. 29449.

Project information: US 401 (South Raeford Rd.) at SR 3569 (Raeford Rd-Old US 401) Bentrige Ln., Division 6, Cumberland County, Fayetteville. Plan Date: March 2018. Prepared by: R M Muncey. Reviewed by: E D Harris, B L Watson.

Professional Engineer seal for Jeffrey L. Watson, State of North Carolina, License No. 29449.

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