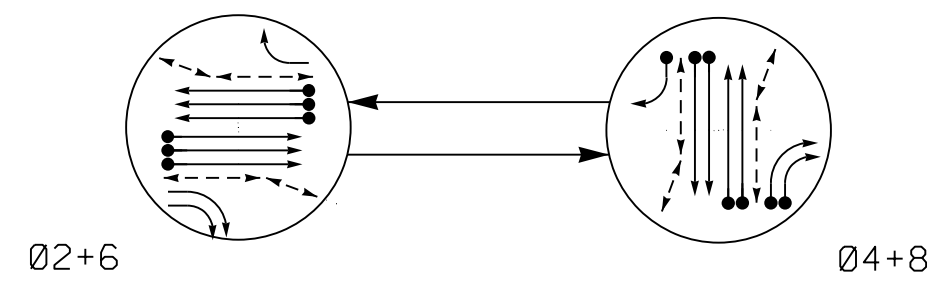


PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

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

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

SIGNAL FACE I.D.

All Heads L.E.D.

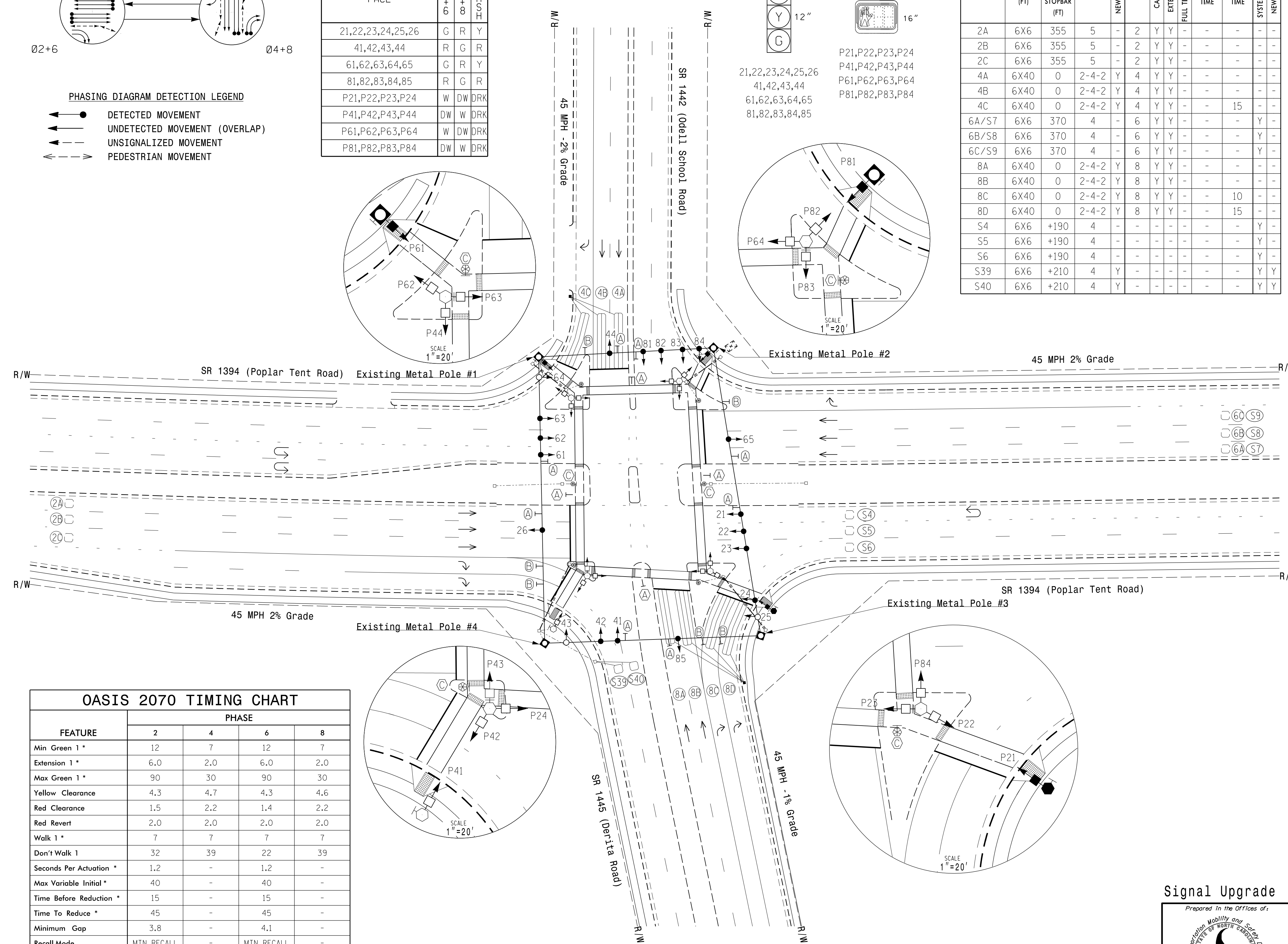


OASIS 2070 LOOP & DETECTOR INSTALLATION CHART table with columns for LOOP, SIZE, DISTANCE FROM STOPBAR, TURNS, NEW LOOP, PHASE, CALLING, EXTENSION, STRETCH TIME, DELAY TIME, LOOP SYSTEM, LOOP NEW CARD.

2 Phase Fully Actuated Concord City Signal System

NOTES

- 1. Refer to "Roadway Standard Drawings NCDOT" dated January 2012.
2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
3. Reposition existing signal heads numbered 21, 22, 23, 24, 41, 42, 61, 62, 63, 83, 84, P21, P61, and P81.
4. Renumber existing signal heads 26, 44, 65, and P81.
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. Pedestrian pedestals are conceptual and shown for reference only. See sheets P1-P3 for pushbutton location details.
9. All pedestrian pushbuttons shall be located in the field by the Division Traffic Engineer before installation.
10. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
11. Closed loop system data: Controller Asset #1532.



OASIS 2070 TIMING CHART table with columns for FEATURE, PHASE (2, 4, 6, 8), and timing values.

LEGEND table with columns for PROPOSED and EXISTING symbols and descriptions.

Signal Upgrade

Project information block including AECOM logo, license info, project name (SR 1394 at SR 1442 / SR 1445), dates, and signatures.

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

7/1/2016 01:46:30 471*#300...docx