

4 Phase Fully Actuated Asheville Signal system

PHASING DIAGRAM

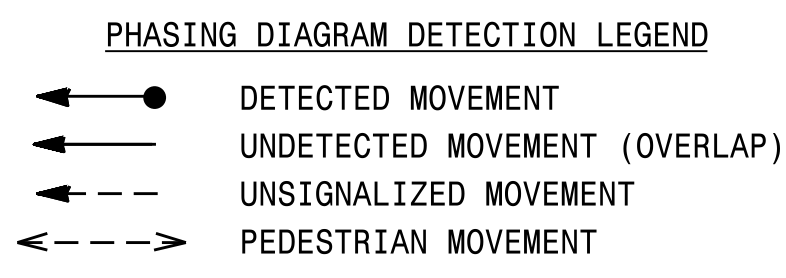
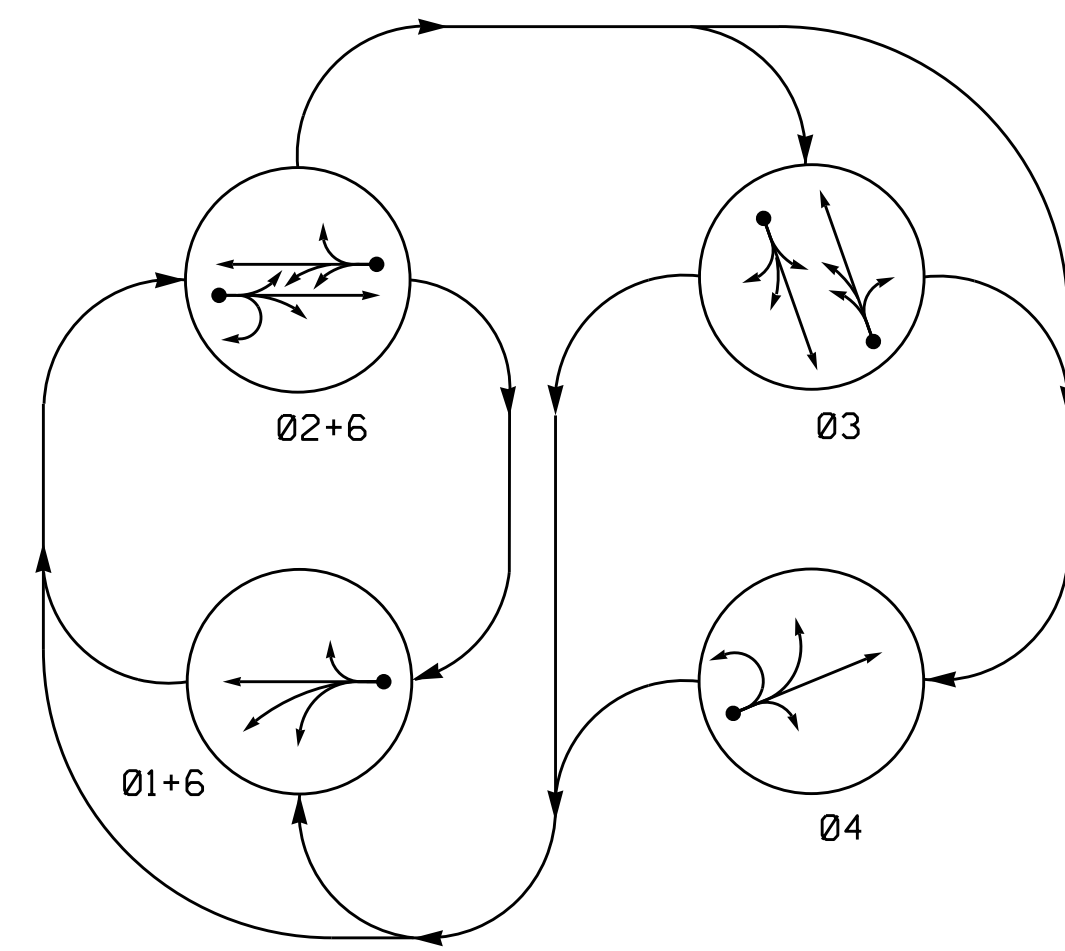
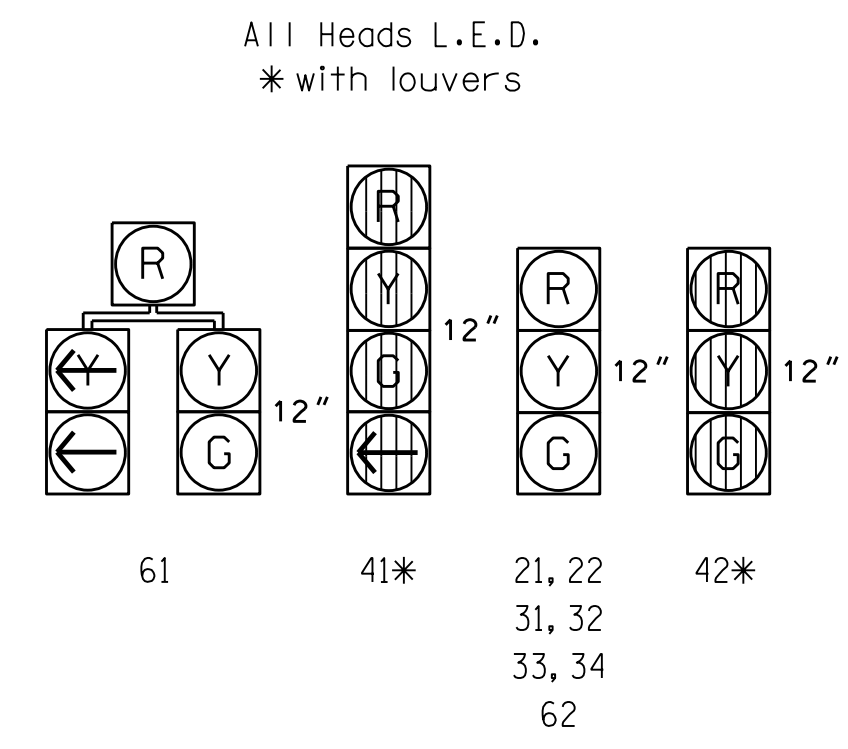


TABLE OF OPERATION table with columns for SIGNAL FACE and PHASE (01+6, 02+6, 03, 04, FLHSR) and rows for signal face combinations (21, 22, 31, 32, 33, 34, 41, 42, 61, 62).

SIGNAL FACE I.D.



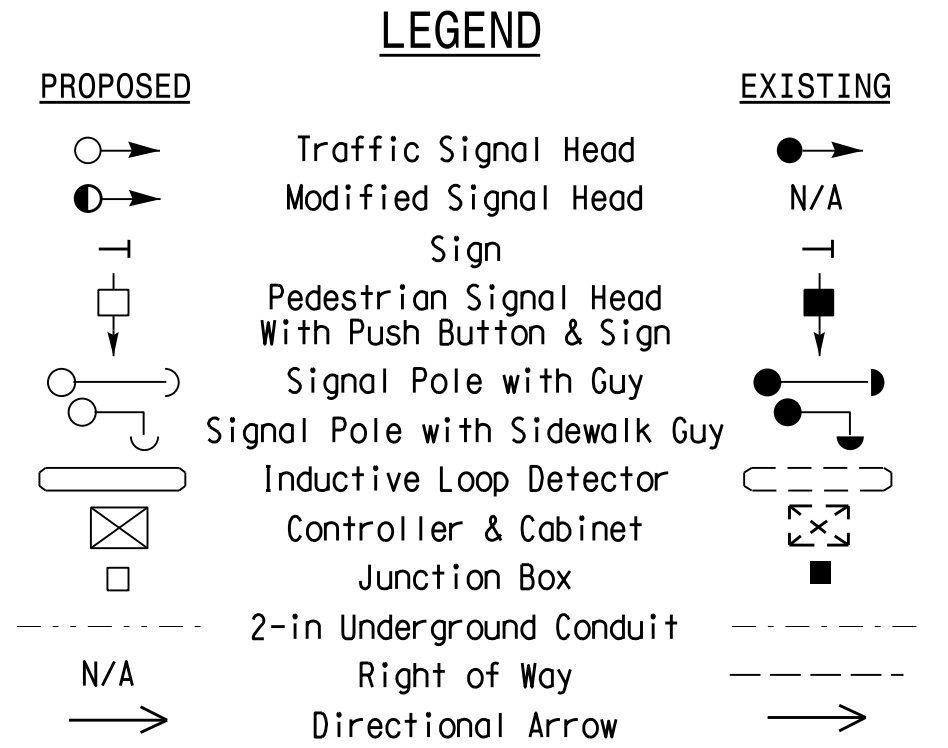
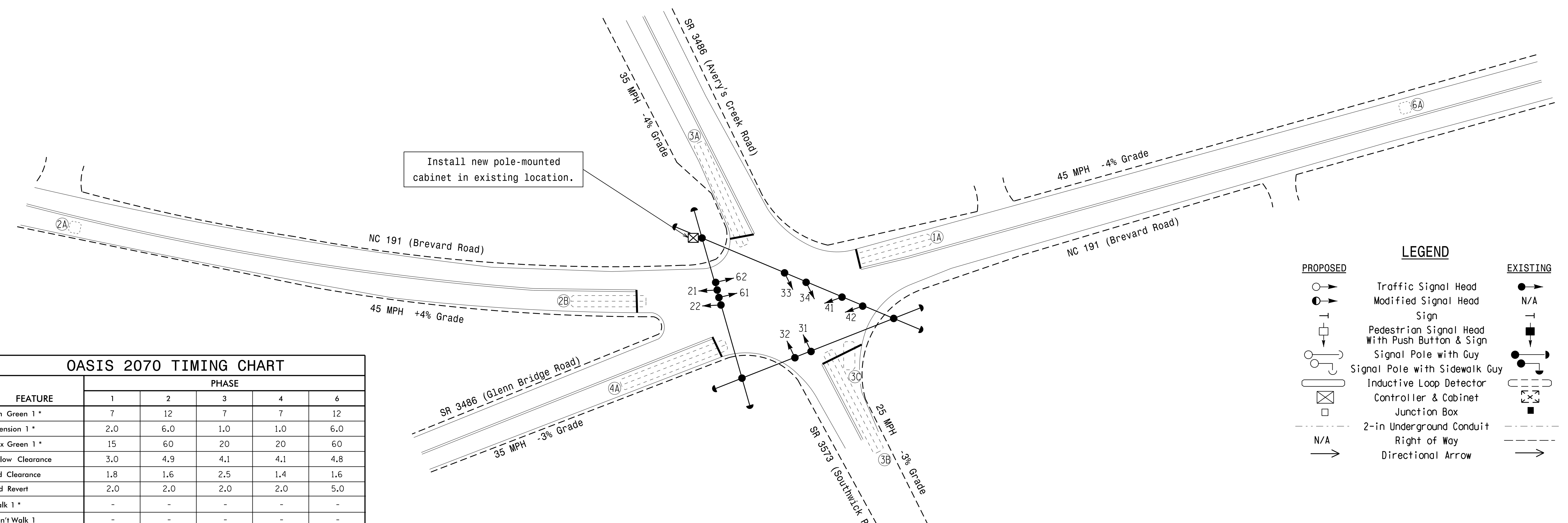
OASIS 2070 LOOP & DETECTOR INSTALLATION CHART table with columns for LOOP, SIZE (FT), DISTANCE FROM STOPBAR (FT), TURNS, NEW LOOP, PHASE, CALLING, EXTENSION, FULL TIME DELAY, STRETCH TIME, DELAY TIME, SYSTEM LOOP, and NEW CARD.

NOTES

- 1. Refer to "Roadway Standard Drawing NCDOT" dated January 2012...
2. Do not program signal for late night flashing operation...
3. Enable Backup Protect for phase 6...
4. Set all detector units to presence mode...
5. In the event of loop replacement, refer to the current ITS and Signals Design Manual...
6. Locate new cabinet so as not obstruct sight distance...
7. Maximum times shown in timing chart are for free-run only...

OASIS 2070 TIMING CHART table with columns for FEATURE and PHASE (1, 2, 3, 4, 6) and rows for various timing parameters like Min Green, Extension, Max Green, 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...



Install new pole-mounted cabinet in existing location.

Signal Upgrade title block containing logos, project location (NC 191 at SR 3486 and SR 3573), dates (March 2016), names (M. Mahbooba, P. Alexander), and a professional engineer seal for J. Williams dated 8/17/2016.

Vertical text on the left side: 17-AUG-2016 09:31 S:\ITS\ASIS\175\Sig\Signal\Western Region\01\1713\4715B - Asheville\116\_Signal\_System\4\Sig\Design\3-0994\30994\_01\_16.dgn... User: mmahbooba