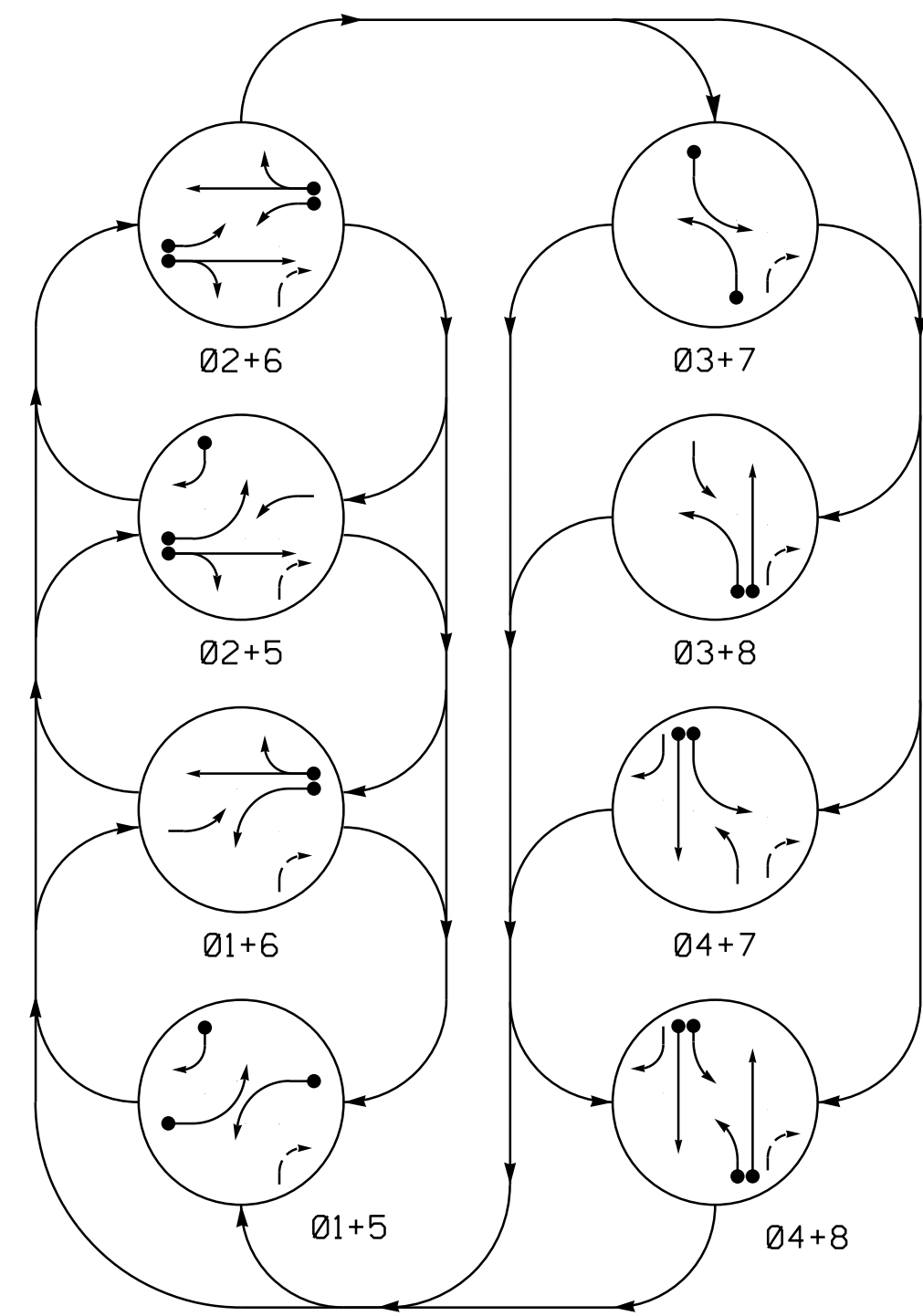


PHASING DIAGRAM

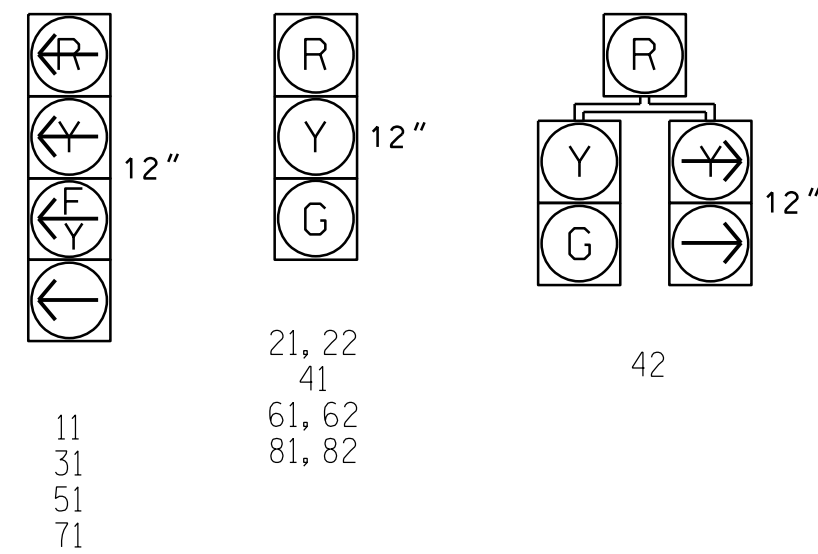


PHASING DIAGRAM DETECTION LEGEND
- DETECTED MOVEMENT
- UNDETECTED MOVEMENT (OVERLAP)
- UNSIGNALIZED MOVEMENT
- PEDESTRIAN MOVEMENT

TABLE OF OPERATION table with columns for SIGNAL FACE and PHASE (01+5 to 04+8, FLASH).

SIGNAL FACE I.D.

All Heads L.E.D.



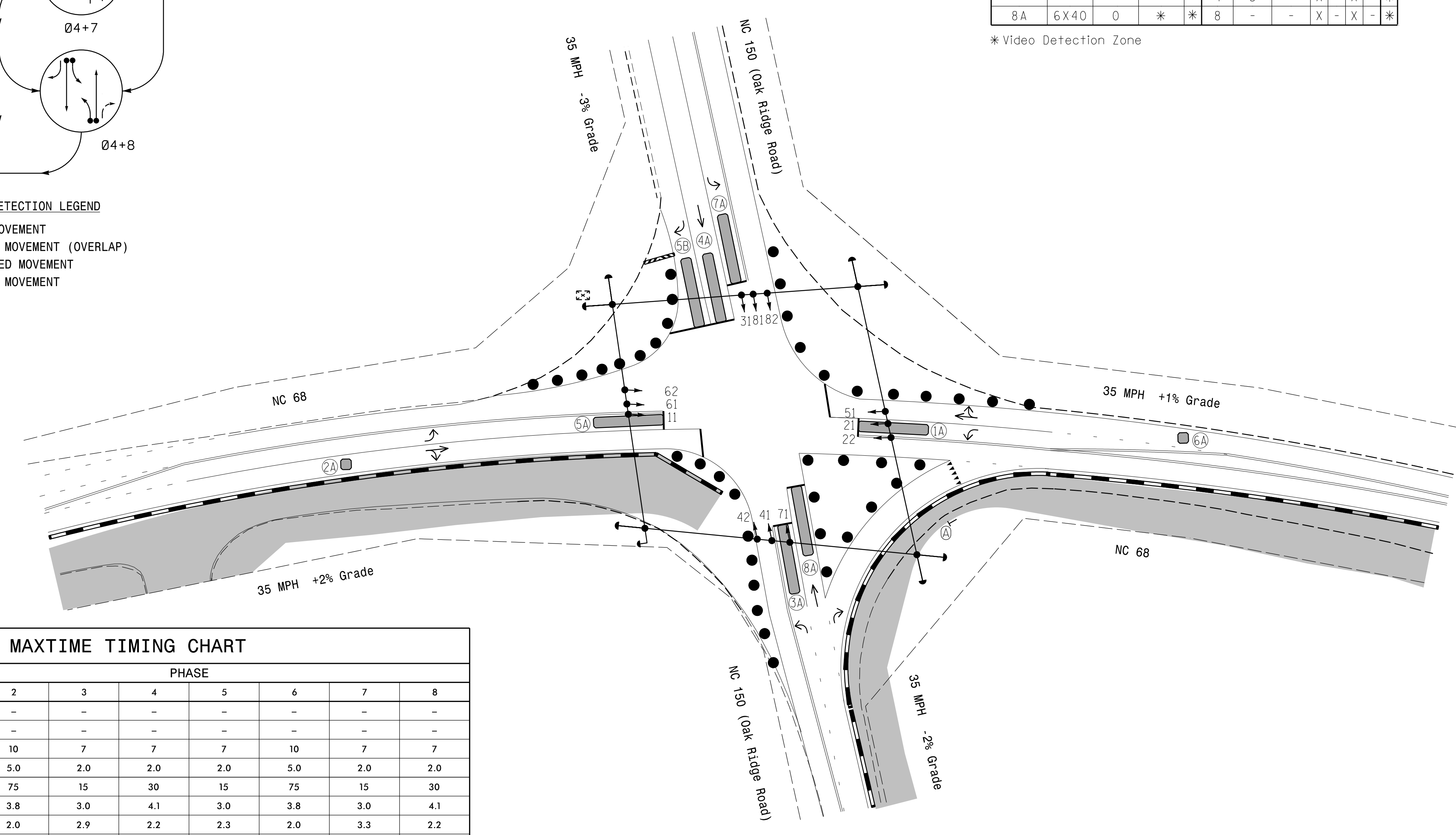
MAXTIME DETECTOR INSTALLATION CHART table with columns for LOOP, SIZE, DISTANCE, TURNS, NEW LOOP, CALL PHASE, DELAY TIME, EXTEND TIME, EXTEND, ADDED INITIAL, CALL, DELAY DURING GREEN, NEW CARD.

* Video Detection Zone

8 Phase Fully Actuated (Isolated)

NOTES

- 1. Refer to "Roadway Standard Drawings NCDOT" dated January 2018...
2. Do not program signal for late night flashing operation...
3. Phase 1 and/or phase 5 may be lagged.
4. Phase 3 and/or phase 7 may be lagged.
5. Reposition all existing signal heads.
6. Set all detector units to presence mode.
7. This intersection uses video detection. Install detectors according to the manufacturer's instructions to achieve the desired detection.

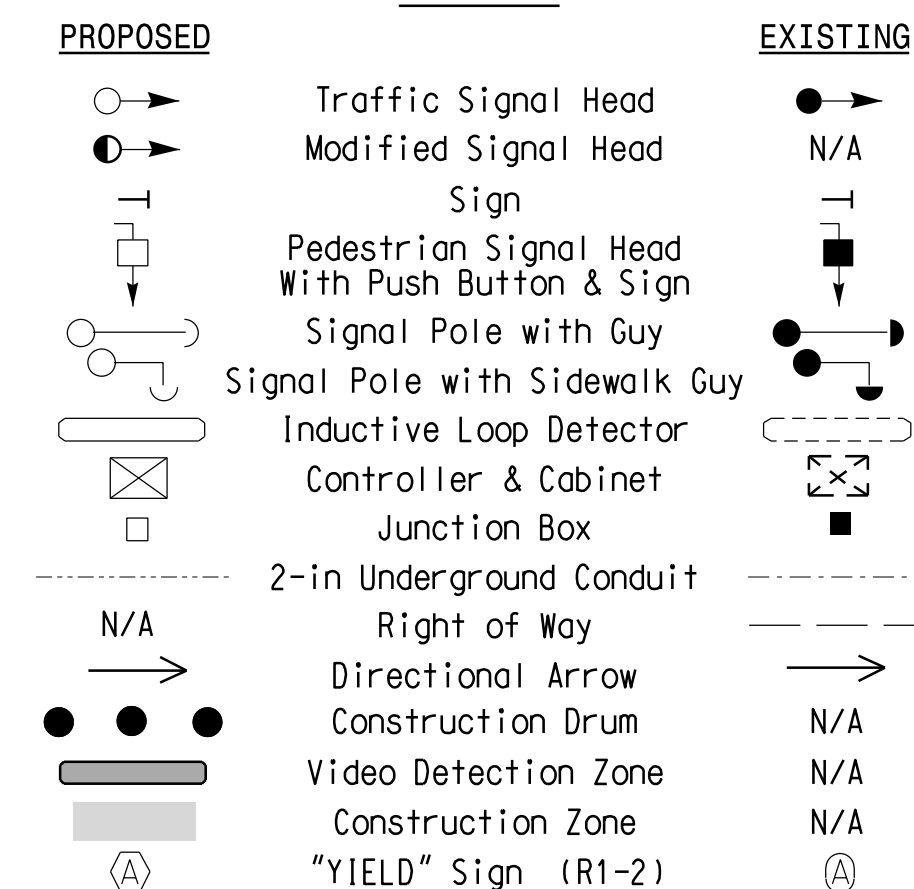


MAXTIME TIMING CHART

MAXTIME TIMING CHART table with columns for FEATURE and PHASE (1-8).

* 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 - Temporary Design 3 (TMP Phase 2, Step 3)

Professional Engineer Seal for Timothy S. Popelka, State of North Carolina, License No. 18062 (040).

Project information: NC 68 at NC 150 (Oak Ridge Road), Division 7, Guilford County, Oak Ridge. Includes dates and preparer/reviewer names.

Professional Engineer Seal for Timothy S. Popelka, State of North Carolina, License No. 18062 (040).

RKA RAMEY KEMP ASSOCIATES logo and contact information.