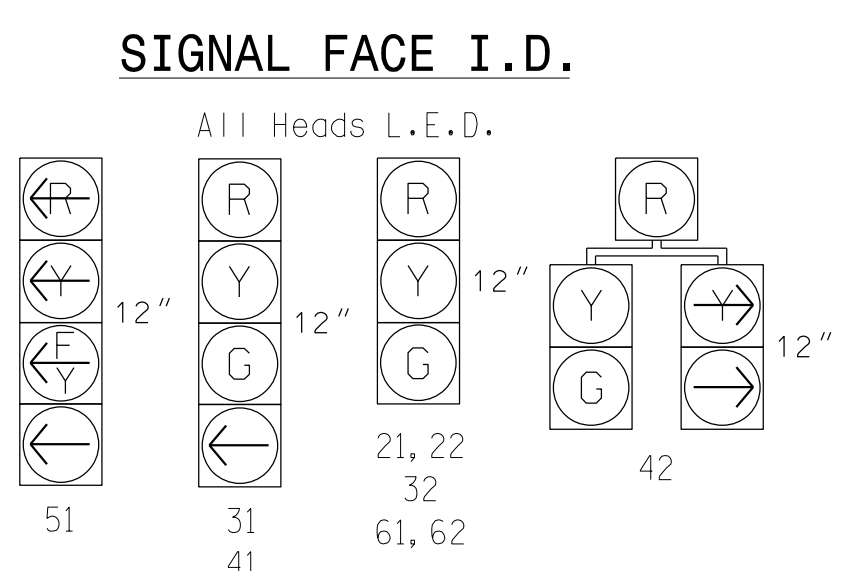


TABLE OF OPERATION table with columns for SIGNAL FACE and PHASE (Ø2+5, Ø2+6, Ø3, Ø4, EVP 3, EVP 5, FLASH).

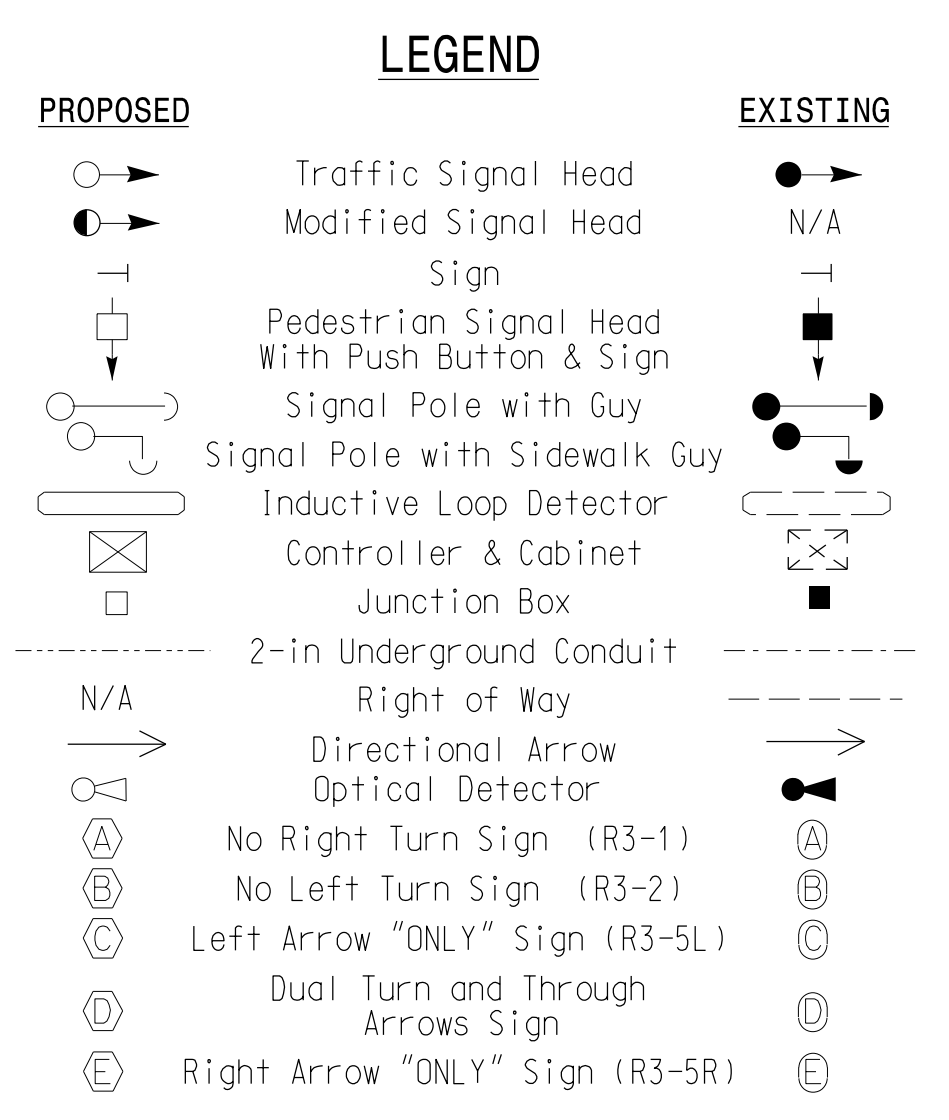
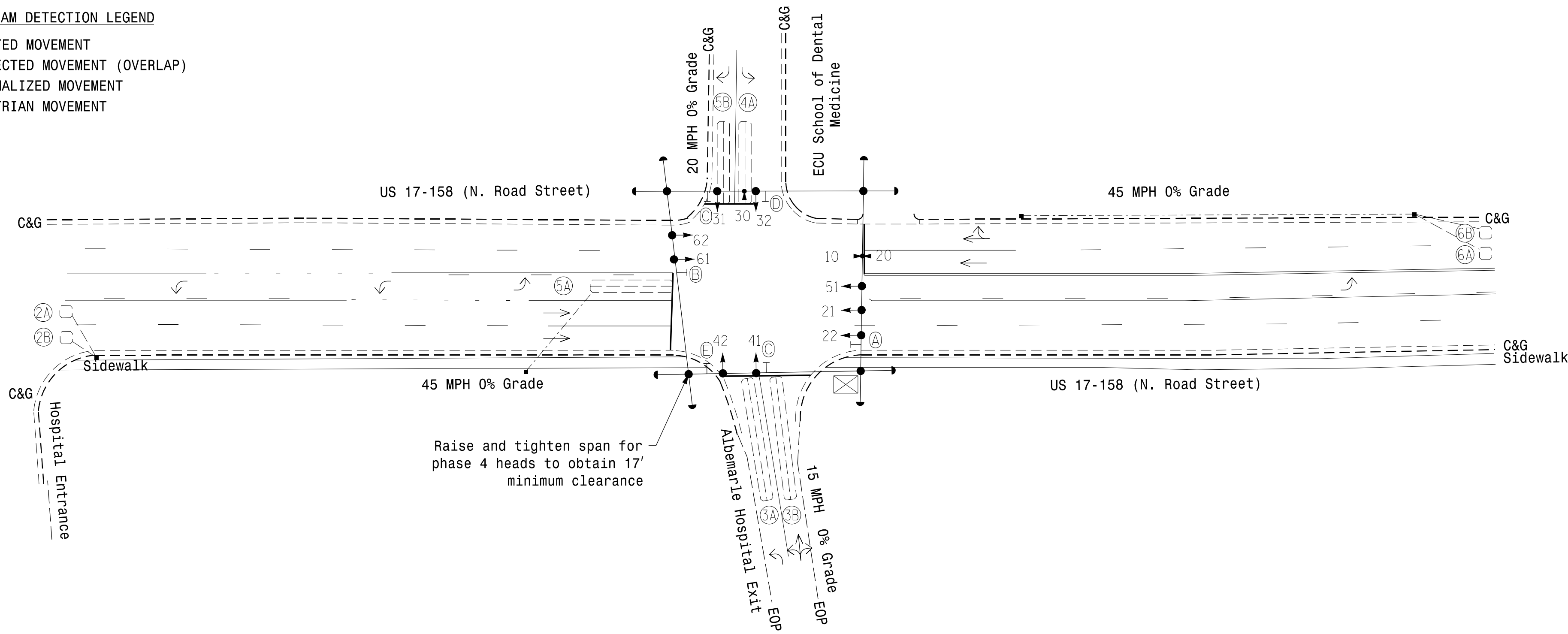


ASC/3 DETECTOR INSTALLATION CHART table with columns for LOOP, SIZE (FT), DISTANCE FROM STOPBAR (FT), TURNS, NEW LOOP, PHASE, CALLING, EXTEND TIME, DELAY TIME, USE ADDED INITIAL, TYPE, SYSTEM LOOP, NEW CARD.

4 Phase Fully Actuated W/ EV Preemption (Elizabeth City 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 5 may be lagged.
4. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
5. This intersection features an optical preemption system. Shown locations of optical detectors are conceptual only.
6. Optical detectors 10 and 20 call EVP3; Optical detector 30 calls EVP5.
7. Relocate existing optical detection equipment from existing cabinet to new cabinet.
8. Set all detector units to presence mode.
9. Pavement markings are existing.
10. In the event of loop replacement, refer to the current ITS and Signals Design Manual and submit a Plan of Record to the Signal Design Section.
11. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.



ASC/3 TIMING CHART table with columns for FEATURE, PHASE (2, 3, 4, 5, 6, **10), and OLG.

ASC/3 EV PREEMPT table with columns for FUNCTION, PRE 3, and PRE 5.

Signal Upgrade

Project information block including DRMP logo, project name (US 17-158 at Albemarle Hospital Exit), dates, signatures, and professional seals.

* 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.
** Phase used for timing purposes only.

* Allows normal phase times to be used.

20-SEP-2018 16:34 R:\415942\51\001\5\005\005\001\001\001-0481-08232018-gp-jmccn AT CAR-L\JCD\1-17