DEFAULT PHASING DIAGRAM

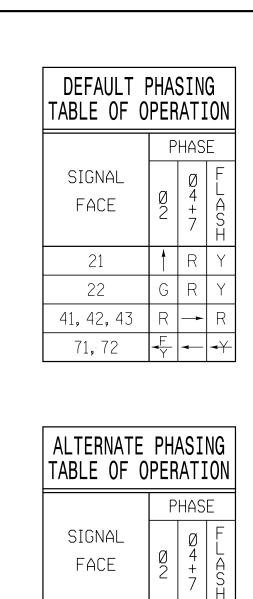
ALTERNATE PHASING DIAGRAM

PHASING DIAGRAM DETECTION LEGEND

UNDETECTED MOVEMENT (OVERLAP)

**→** DETECTED MOVEMENT

→ — UNSIGNALIZED MOVEMENT ← − → PEDESTRIAN MOVEMENT

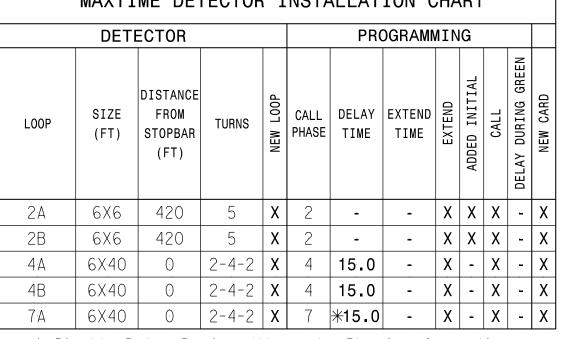


41, 42, 43

71, 72

71, 72

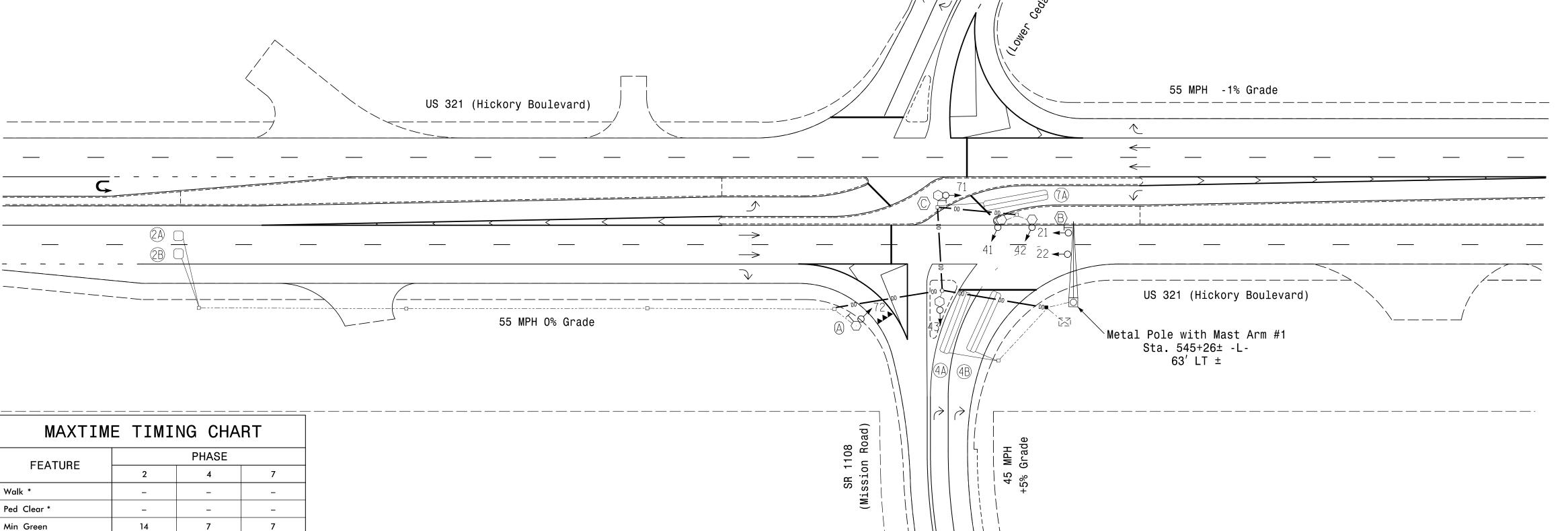
## SIGNAL FACE I.D. MAXTIME DETECTOR INSTALLATION CHART All Heads L.E.D. PROGRAMMING DETECTOR S CALL DELAY EXTEND S IN S ≥ PHASE TIME TIME 420 5 **X** 2 -| - | X | X | X | -41, 42, 43



\* Disable Delay During Alternate Phasing Operation.

## Fully Actuated w/ Alternate Phasing Operation US 321 Closed Loop System

- dated January 2024 and "Standard Specifications for Roads and Structures" dated January 2024.
- flashing operation unless otherwise directed by the Engineer.
- 3. Set all detector units to presence mode.
- determine the hours of use for each phasing plan.
- for free-run operation only. Coordinated signal system timing values supersede these values.
- mounted a minimum of 8' above the high point of the roadway surface elevation.
- 7. Refer to Roadway and/or Pavement Marking plans for stop bar locations.



STV Engineers, Inc. 900 West Trade St., Suite 715 Charlotte, NC 28202

(704) 372-1885

NC License Number F-0991

US 321 (Hickory Boulevard) SB

SR 1108 (Mission Road)/ SR 1108 (Lower Cedar Valley Rd)

Division 11 Caldwell County Sept 2023 REVIEWED BY: D.J. Darity

750 N.Greenfield Pkwy,Garner,NC 27529 PREPARED BY: J.T. Grimm REVIEWED BY: T.M. MOOdy 1"=40'

Donald J. Davity 10/18/2023 SIG. INVENTORY NO. ||-|452

Green and Extension times for phase 2 lower than what is shown. Min Green for all other phases should not be

2.0

20

3.0

2.6

Χ

6.0

90

5.2

1.4

1.5

MIN RECALL

Max 1 \*

Red Clear

Yellow Change

Added Initial \*

Maximum Initial \*

Time To Reduce

Minimum Gap

Advance Walk

Vehicle Recall

Non Lock Detector

Time Before Reduction '

2.0

30

3.0

1.8

Χ

Χ