

31, 32 33, 34 21, 22 41* 42* 31, 32 33**,** 34 62

| OASIS | 2070 | L00P | & DET | EC | TOR | ΙN | ST | AL | LATIC | N CH | AR | Т |
|-----------------|--------------|-------------------------------------|-------|----------|----------------------|---------|-----------|-----------------|-----------------|---------------|-------------|----------|
| INDUCTIVE LOOPS | | | | | DETECTOR PROGRAMMING | | | | | | | |
| LOOP | SIZE (FT) | DISTANCE FROM STOPBAR (FT) | TURNS | NEW LOOP | PHASE | CALLING | EXTENSION | FULL TIME DELAY | STRETCH TIME | DELAY TIME | SYSTEM LOOP | NEW CARD |
| 1A | 6X40 | 0 | 2-4-2 | | 1 | Υ | Υ | - | - | 15 | - | Υ |
| | | | | - | 6 | Υ | Υ | Υ | 2.0 | 5 | - | Υ |
| 2A | 6X6 | 300 | 4 | - | 2 | Υ | Υ | - | - | - | - | Υ |
| 2B | 6X40 | +5 | 2-4-2 | - | 2 | Υ | Y | Υ | 2.0 | 5 | - | Υ |
| 3A | 6X60 | +5 | 2-4-2 | - | 3 | Υ | Υ | - | - | 3 | - | Υ |
| 3B | 6X60 | +5 | 2-4-2 | - | 3 | Υ | Υ | - | - | 10 | - | Υ |
| 3C | 6X15 | +5 | 3 | - | 3 | Υ | Υ | - | - | 15 | - | Υ |
| 4A | 6X60 | +5 | 2-4-2 | - | 4 | Υ | Υ | - | - | - | - | Υ |
| 6A | 6X6 | 300 | 4 | - | 6 | Υ | Υ | - | - | - | - | Υ |

- 1. Refer to "Roadway Standard Drawing NCDOT" dated January 2012 and "Standard Specifications for Roads and Structures" dated January 2012.
- 2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- 3. Enable Backup Protect for phase 6 to allow the controller to clear from phase 2+6 to phase 1+6 by progressing through an all red display.
- 4. Set all detector units to presence mode.
- 5. 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.
- 6. Locate new cabinet so as not obstruct sight distance of vehicles turning right on red.
- 7. Maximum times shown in timing chart are for free-run only. Coordinated signal system timing values supersede these values.

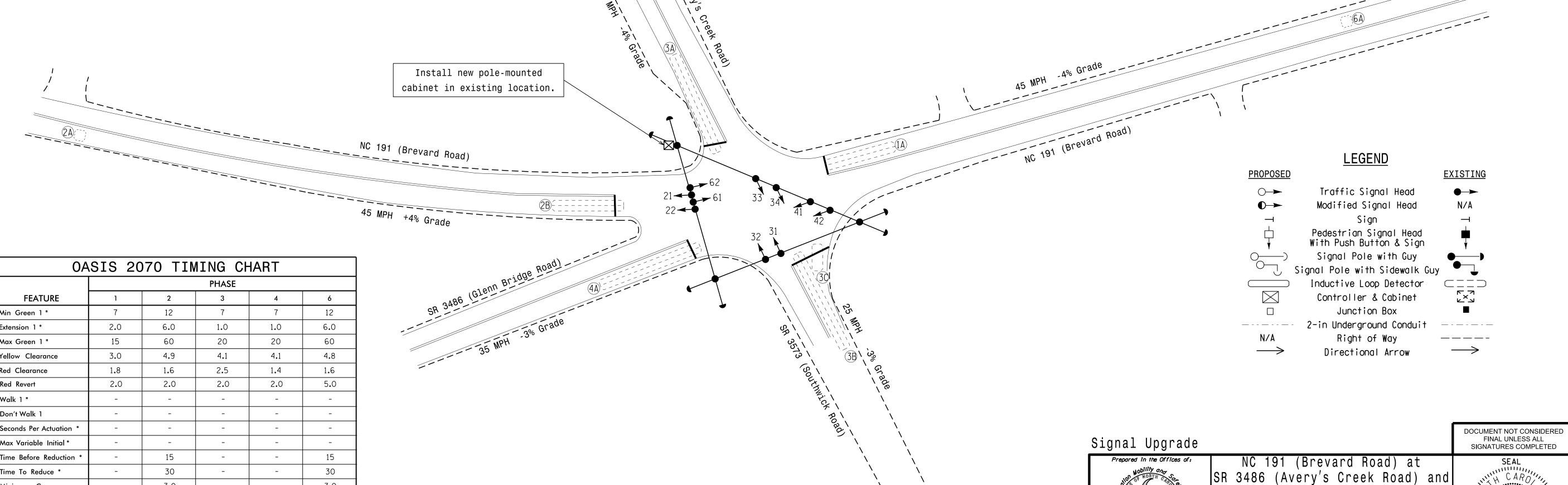
SR 3486 (Glen Bridge Road)

and SR 3573 (Southwick Road)

ivision 13 Buncombe County

750 N.Greenfleid Pkwy.Garner.NC 27529 PREPARED BY: M. Mahbooba REVIEWED BY:

1"=30'



Min Green 1 * Extension 1 * Max Green 1 * Yellow Clearance Red Clearance Red Revert Walk 1 * Don't Walk 1 Seconds Per Actuation Max Variable Initial * Time Before Reduction Time To Reduce * 3.0 3.0 Minimum Gap MIN RECALL Recall Mode MIN RECALL Vehicle Call Memory Dual Entry -ON ON Simultaneous Gap lower than what is shown. Min Green for all other phases should not be lower than 4 seconds

PHASING DIAGRAM DETECTION LEGEND

DETECTED MOVEMENT

←−−> PEDESTRIAN MOVEMENT

UNSIGNALIZED MOVEMENT

UNDETECTED MOVEMENT (OVERLAP)

02+6

01+6

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

Avery Creek March 2016 REVIEWED BY: P. Alexander INIT. DATE

SIG. INVENTORY NO. 13-0994