

|                                                                                   |                               |
|-----------------------------------------------------------------------------------|-------------------------------|
|  | DETECTED MOVEMENT             |
|  | UNDETECTED MOVEMENT (OVERLAP) |
|  | UNSIGNALIZED MOVEMENT         |
|  | PEDESTRIAN MOVEMENT           |






| DETECTOR |              |                                     |       |          | PROGRAMMING   |               |                |        |               |      |                    |
|----------|--------------|-------------------------------------|-------|----------|---------------|---------------|----------------|--------|---------------|------|--------------------|
| ZONE     | SIZE<br>(FT) | DISTANCE<br>FROM<br>STOPBAR<br>(FT) | TURNS | NEW LOOP | CALL<br>PHASE | DELAY<br>TIME | EXTEND<br>TIME | EXTEND | ADDED INITIAL | CALL | DELAY DURING GREEN |
| 2A *     | 6X6          | 70                                  | *     | *        | 2             | -             | -              | X      | -             | X    | -                  |
| 3A *     | 6X40         | 0                                   | *     | *        | 3             | -             | -              | X      | -             | X    | -                  |
| 3B *     | 6X40         | 0                                   | *     | *        | 3             | 15.0          | -              | X      | -             | X    | -                  |
| 3C *     | 15x6         | 0                                   | *     | *        | 3             | 15.0          | -              | X      | -             | X    | -                  |
| 6A *     | 6X6          | 70                                  | *     | *        | 6             | -             | -              | X      | -             | X    | -                  |

\* Video Detection Zone

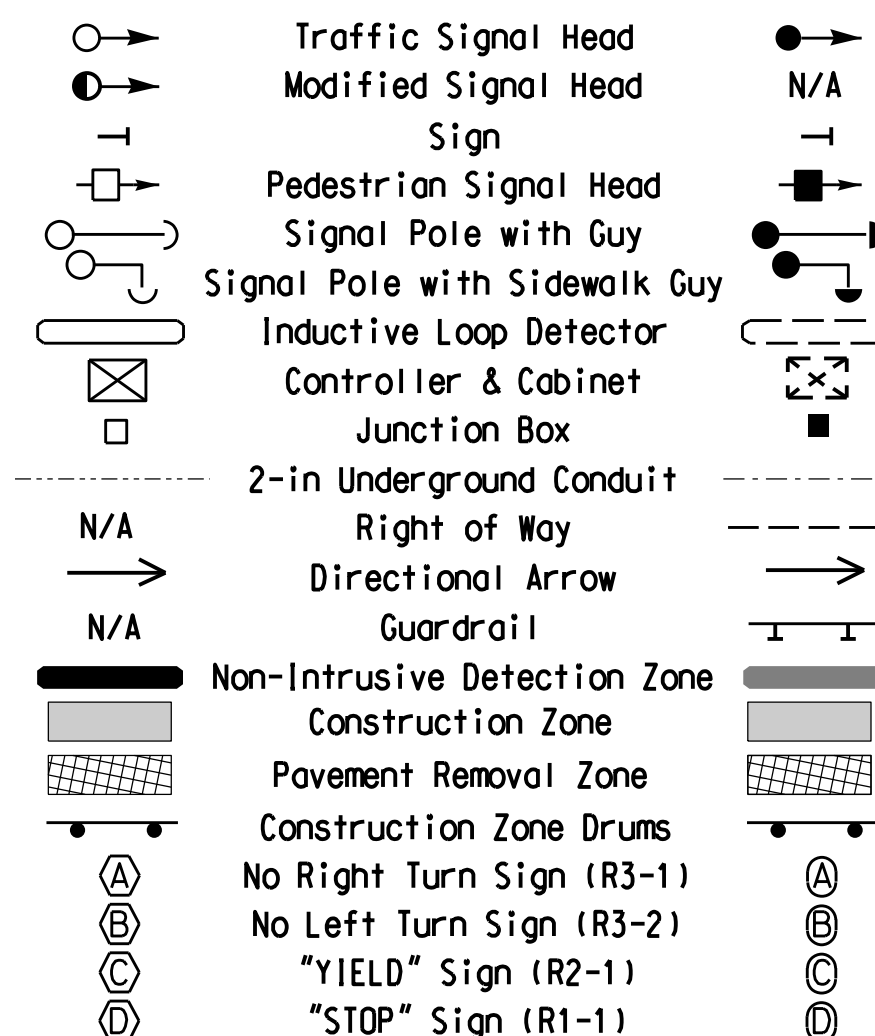
2 Phase  
Fully Actuated  
D13-02 Asheville

## NOTES

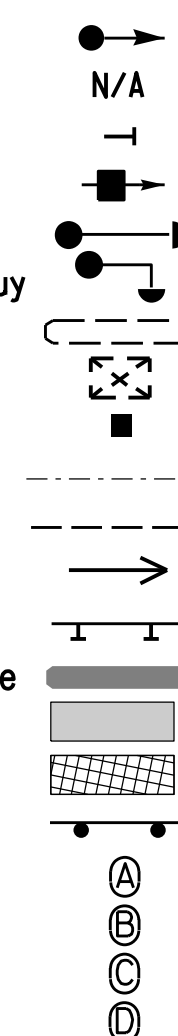
1. Refer to "Roadway Standard Drawings NCDOT" dated January 2024 and "Standard Specifications for Roads and Structures" dated January 2024.
2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
3. Set all detector units to presence mode.
4. This intersection uses video detection. Install detectors according to the manufacturer's instructions to achieve the desired detection.
5. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
6. See Transportation Management Plans for stop bar locations.

### LEGEND

PROPOSED



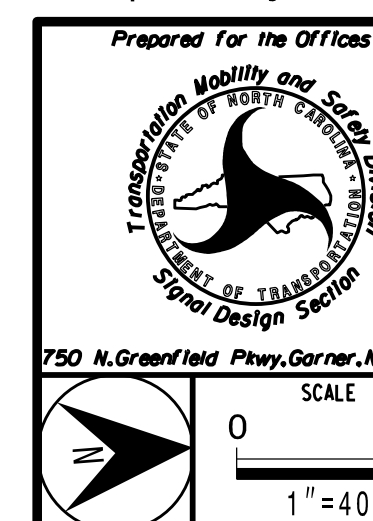
EXISTING



| MAXTIME TIMING CHART    |            |     |            |
|-------------------------|------------|-----|------------|
| FEATURE                 | PHASE      |     |            |
|                         | 2          | 3   | 6          |
| Walk *                  | —          | —   | —          |
| Ped Clear *             | —          | —   | —          |
| Min Green *             | 10         | 7   | 10         |
| Passage *               | 3.0        | 2.0 | 3.0        |
| Max I *                 | 45         | 30  | 45         |
| Yellow Change           | 4.0        | 3.7 | 4.0        |
| Red Clear               | 1.6        | 1.0 | 1.6        |
| Added Initial *         | —          | —   | —          |
| Maximum Initial *       | —          | —   | —          |
| Time Before Reduction * | —          | —   | —          |
| Time To Reduce *        | —          | —   | —          |
| Minimum Gap             | —          | —   | —          |
| Advance Walk            | —          | —   | —          |
| Non Lock Detector       | —          | X   | —          |
| Vehicle Recall          | MIN RECALL | —   | MIN RECALL |
| Dual Entry              | —          | —   | —          |

\* These values may be field adjusted. Do not adjust Min Green and Passage times for phases 2 and 6 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.

New Installation  
Temporary Design 1 (TMP Phase I Step 6)



NC 191 (Brevard Road)  
at  
I-26 EB / I-240 WB Ramps

Division 13      Buncombe County      Asheville

|            |          |
|------------|----------|
| PLAN DATE: | May 2026 |
|------------|----------|

529 PREPARED BY: M. Tinda

|  |           |
|--|-----------|
|  | REVISIONS |
|--|-----------|

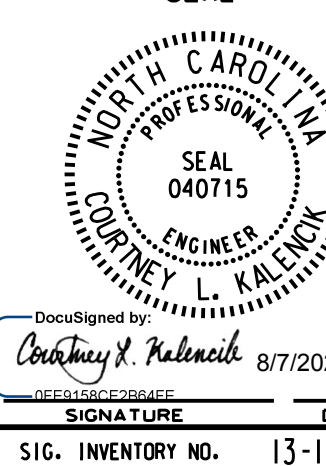
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DOCUMENT NOT CONSIDERED  
FINAL UNLESS ALL  
SIGNATURES COMPLETED

## SEARCH



DocuSigned by:  
Courtney L. Kalencik 8/7/20

**SIGNATURE**

|                    |      |
|--------------------|------|
| SIG. INVENTORY NO. | 13-1 |
|--------------------|------|