

TIP NO.  
BR - 0140

SHEET NO.  
SIGN - 2A

APPROVED: 

DocuSigned by:  
*John Bauman*  
77FD58AC3788D01...

DATE: 2/6/2026

SEAL

NORTH CAROLINA  
PROFESSIONAL  
ENGINEER  
JOHN BAUMAN  
052428

SEAL  
052428

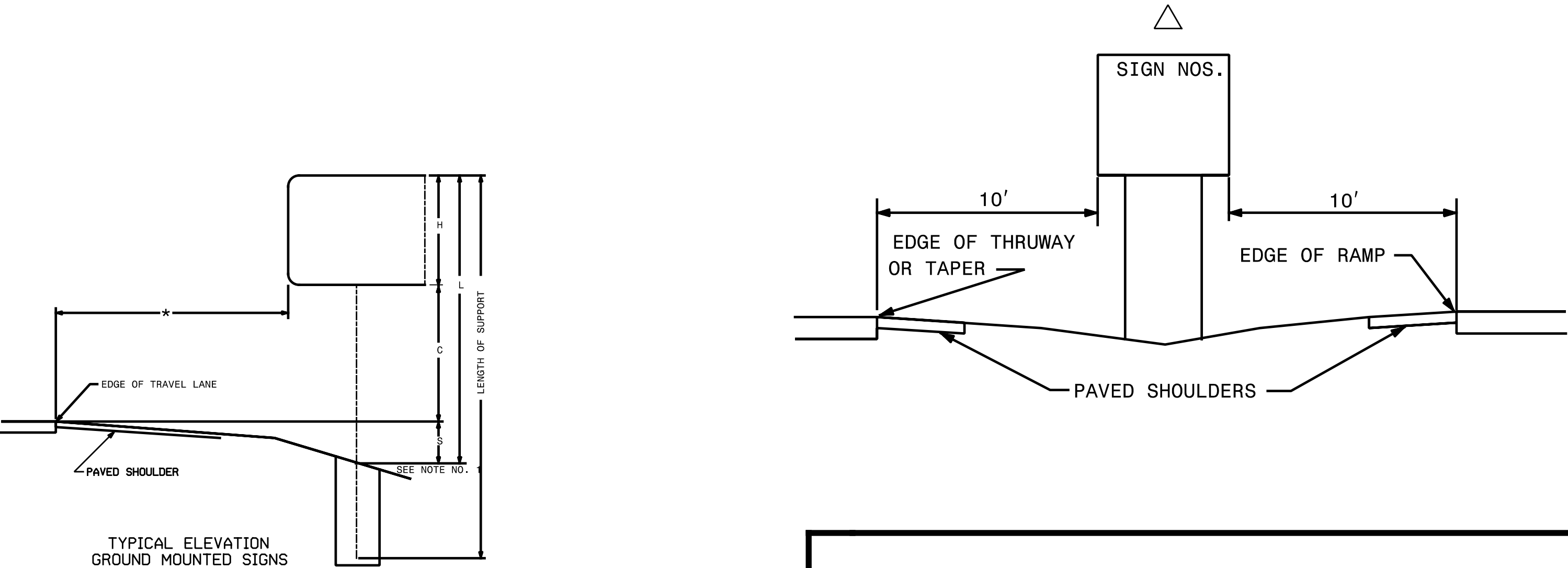
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UNLESS ALL SIGNATURES COMPLETED

Version: 3.2      Posted: 7/5/2023

| SIGN   |      |            |   |     | ROADWAY<br>STATION | NUMBER<br>OF<br>SUPPORTS | BEAM<br>SECTION | SUPPORT<br>TYPE<br>BA or S | OMNI<br>COUPLER | ATTACHMENT<br>METHOD | MOUNTING<br>METHOD | HORIZONTAL<br>CLEARANCE*<br>(ft.) | SUPPORT<br>SPACING | LENGTH (ft) |        |                | LEFT SUPPORT (ft) |       |       | CENTER SUPPORT (ft) |        |       | RIGHT SUPPORT (ft) |        |       | SUPPORT WEIGHTS |        | FOOTINGS          |                |                      |                 | FIELD<br>VERIFIED<br>SEE NOTE 2<br>(mm/dd/yy) |               |
|--------|------|------------|---|-----|--------------------|--------------------------|-----------------|----------------------------|-----------------|----------------------|--------------------|-----------------------------------|--------------------|-------------|--------|----------------|-------------------|-------|-------|---------------------|--------|-------|--------------------|--------|-------|-----------------|--------|-------------------|----------------|----------------------|-----------------|-----------------------------------------------|---------------|
| NUMBER | TYPE | SIZE (in.) |   |     |                    |                          |                 |                            |                 |                      |                    |                                   |                    | SNS HT      | MTG HT | EMBED-<br>MENT |                   |       |       |                     |        |       |                    |        |       |                 |        | DIAMETER<br>(ft.) | DEPTH<br>(ft.) | REINFORCED<br>(c.y.) | PLAIN<br>(c.y.) |                                               |               |
|        |      | w          | x | h   |                    |                          |                 |                            |                 |                      |                    |                                   |                    |             |        |                | "H"               | "C"   | S     | L                   | LENGTH | S     | L                  | LENGTH | S     | L               | LENGTH |                   |                |                      |                 |                                               | B/A<br>(lbs.) |
| 101    | A    | 174        | x | 126 | 30+85              | 2                        | W6x16           | S                          | N/A             | N/A                  | N/A                | 18.00                             | 8.50               | 10.50       | 7.00   | 4.5            | 0.50              | 18.00 | 22.50 | 0.00                | 0.00   | 0.00  | 3.00               | 20.50  | 25.00 | 0.00            | 760    | 1.5               | 5              | 0.65                 | 0.00            | _____                                         |               |
| 102    | A    | 216        | x | 162 | 41+39              | 3                        | W10x26          | S                          | N/A             | N/A                  | N/A                | 18.00                             | 6.39               | 13.50       | 7.00   | 4.0            | 3.00              | 23.50 | 27.50 | 6.00                | 26.50  | 30.50 | 9.00               | 29.50  | 33.50 | 0.00            | 2379   | 2.5               | 4.5            | 2.45                 | 0.00            | _____                                         |               |
| 901    | A    | 144        | x | 168 | 38+87              | 2                        | W8x18           | S                          | N/A             | N/A                  | N/A                | 18.00                             | 7.03               | 14.00       | 7.00   | 4.5            | 2.00              | 23.00 | 27.50 | 0.00                | 0.00   | 0.00  | 4.00               | 25.00  | 29.50 | 0.00            | 1026   | 2.0               | 5              | 1.16                 | 0.00            | _____                                         |               |
| 902    | B    | 108        | x | 30  | 41+39              | 2                        | S3x5.7          | S                          | N/A             | N/A                  | N/A                | 18.00                             | 5.27               | 2.50        | 7.00   | 2.0            | 1.00              | 10.50 | 12.50 | 0.00                | 0.00   | 0.00  | 2.00               | 11.50  | 13.50 | 0.00            | 148.2  | 1.0               | 2.5            | 0.15                 | 0.00            | _____                                         |               |
| 903    | A    | 180        | x | 138 | 49+95              | 2                        | W6x16           | S                          | N/A             | N/A                  | N/A                | 18.00                             | 8.79               | 11.50       | 7.00   | 4.5            | 1.00              | 19.50 | 24.00 | 0.00                | 0.00   | 0.00  | 2.00               | 20.50  | 25.00 | 0.00            | 784    | 1.5               | 5              | 0.65                 | 0.00            | _____                                         |               |
|        |      |            |   |     |                    |                          |                 |                            |                 |                      |                    |                                   |                    |             |        |                |                   |       |       |                     |        |       |                    |        |       |                 | 0.00   | 5097.20           |                | 5.08                 | 0.00            |                                               |               |
|        |      |            |   |     |                    |                          |                 |                            |                 |                      |                    |                                   |                    |             |        |                |                   |       |       |                     |        |       |                    |        |       |                 | USE:   | 0.00              | 5098.00        |                      | 6.00            | 0.00                                          |               |

NOTES

1. DIMENSION "S" REPRESENTS AN INCREASE (+), OR A DECREASE (-) IN POLE LENGTH, RELATIVE TO THE ELEVATION OF THE EDGE OF PAVEMENT.
2. FIELD VERIFICATIONS SHALL BE REQUIRED FOR ALL SUPPORTS, SEE (\*) ARTICLE 903-3. FABRICATORS SHALL BE AISC CERTIFIED IN CATEGORY 1, SEE (\*) ARTICLE 1072-1. (\*) = N.C.D.O.T. STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES
3. PLAN LOCATIONS FOR EXISTING UTILITIES ARE BASED ON THE BEST AVAILABLE INFORMATION AND, THEREFORE MAY NOT BE PRECISELY ACCURATE. THEREFORE, IT IS INCUMBENT UPON THE CONTRACTOR TO DETERMINE THE EXACT LOCATION OF UTILITIES BEFORE BEGINNING WORK IN A LOCATION.



SUPPORT CHART

V:\9\2025\SE22-285-00 BR-0140\TP-Traffic\Signing\BR-0140 SIGN-2A Support Chart.dgn  
7/5/2023 10:25:35 AM John Bauman

TRANSYSTEMS

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