

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAT McCRORY
GOVERNOR

ANTHONY J. TATA
SECRETARY

May 14, 2015

SUBJECT: ADDENDUM ONE FOR DE00095 – Widening of SR 1228 (Chavasse Avenue) from US 1 (Business) to SR 1143 (S. William Street), WBS Element: 38404, 5.1091SM

MEMORANDUM TO PROSPECTIVE BIDDERS

This addendum is being issued to clarify the required height of item 0106 – Generic Signal Item (Prestressed Concrete Strain Signal Pole). The height of that pole is to be 28' above ground. In addition, a loading schedule and the loading diagram have been provided.

As a result of this addendum the bid opening for this project has been **DELAYED**. The new date and time of the bid opening is Wednesday, May 20 at 2:00 PM. Please disregard all reference to the previous bid opening time. In the proposal, page 5 "Instructions to Bidders" item 11 should now read. The sealed bid must display the following statement on the front of the sealed envelope:

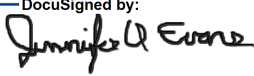
QUOTATION FOR DE00095 – Widening of SR 1228 (Chavasse Ave) from US 1 Bus to SR 1143 (S Williams St), TO BE OPENED AT 2:00 PM ON, Wednesday, May 20, 2015.

Please attach this addendum to the original proposal and acknowledge receipt of this addendum in the proposal.

If you wish to use Expedite Entry in helping you prepare your bids, please note that a **new** EBS file has been created with the correct bid letting date. Please delete the previous EBS file and use the new one provided.

If you have any questions, feel free to call me at (919) 220-4600.

Sincerely,

DocuSigned by:

DC37CF11AF7C4B3... for
Michael J. Kneis, PE
Division Project Manager

cc: D. Jernigan, PE
B. Tharrington, PE
J. Sandor, PE
B. Upshaw, PE

| LOADING SCHEDULE FOR STRAIN POLES | | | |
|---|-----------|-------------------------|---------|
| DESCRIPTION | AREA | SIZE | WEIGHT |
| SIGNAL HEAD 12"-3 SECTION-WITH BACKPLATE, HANGER, AND BALANCE ADJUSTER | 9.2 S.F. | 25.5" W X 52.0" L | 56 LBS |
| SIGNAL HEAD 12"-4 SECTION (T-TYPE)-WITH BACKPLATE, HANGER, AND BALANCE ADJUSTER | 16.3 S.F. | 42.0" W X 56.0" L | 73 LBS |
| SIGNAL HEAD 12"-4 SECTION (VERTICAL)-WITH BACKPLATE, HANGER, AND BALANCE ADJUSTER | 11.6 S.F. | 25.5" W X 65.5" L | 69 LBS |
| SIGNAL HEAD 12"-5 SECTION-WITH BACKPLATE, HANGER, AND BALANCE ADJUSTER | 16.3 S.F. | 42.0" W X 56.0" L | 89 LBS |
| SIGNAL HEAD 8"-3 SECTION-WITH BACKPLATE, HANGER, AND BALANCE ADJUSTER | 6.3 S.F. | 22.0" W X 41.5" L | 41 LBS |
| SIGNAL HEAD 8"-4 SECTION (VERTICAL)-WITH BACKPLATE, HANGER, AND BALANCE ADJUSTER | 7.9 S.F. | 22.0" W X 51.5" L | 49 LBS |
| SIGNAL HEAD 8"-5 SECTION-WITH BACKPLATE, HANGER, AND BALANCE ADJUSTER | 10.6 S.F. | 35.0" W X 43.5" L | 62 LBS |
| SIGN WITH HANGER | 5.0 S.F. | 24.0" W X 30.0" L | 11 LBS |
| SIGN WITH HANGER | 7.5 S.F. | 30.0" W X 36.0" L | 14 LBS |
| SIGN, LED BLANKOUT WITH HANGER | 6.0 S.F. | 24.0" W X 36.0" L | 110 LBS |
| | | | |

| LOADING SCHEDULE FOR MAST ARM POLES | | | |
|--|-----------|-------------------------|----------|
| DESCRIPTION | AREA | SIZE | WEIGHT |
| SIGNAL HEAD 12"-3 SECTION-WITH BACKPLATE AND ASTRO-BRAC | 9.3 S.F. | 25.5" W X 52.5" L | 60 LBS |
| SIGNAL HEAD 12"-4 SECTION (T-TYPE)-WITH BACKPLATE AND ASTRO-BRAC | 16.3 S.F. | 42.0" W X 56.0" L | 90 LBS |
| SIGNAL HEAD 12"-4 SECTION (VERTICAL)-WITH BACKPLATE AND ASTRO-BRAC | 11.7 S.F. | 25.5" W X 66.0" L | 74 LBS |
| SIGNAL HEAD 12"-5 SECTION-WITH BACKPLATE AND ASTRO-BRAC | 16.3 S.F. | 42.0" W X 56.0" L | 103 LBS |
| SIGNAL HEAD 8"-3 SECTION-WITH BACKPLATE AND ASTRO-BRAC | 6.4 S.F. | 22.0" W X 42.0" L | 43 LBS |
| SIGNAL HEAD 8"-4 SECTION (VERTICAL)-WITH BACKPLATE AND ASTRO-BRAC | 7.9 S.F. | 22.0" W X 52.0" L | 53.5 LBS |
| SIGNAL HEAD 8"-5 SECTION-WITH BACKPLATE AND ASTRO-BRAC | 10.6 S.F. | 35.0" W X 43.5" L | 75 LBS |
| SIGN RIGID MOUNTED WITH ASTRO-SIGN-BRAC | 5.0 S.F. | 24.0" W X 30.0" L | 11 LBS |
| SIGN RIGID MOUNTED WITH ASTRO-SIGN-BRAC | 7.5 S.F. | 30.0" W X 36.0" L | 14 LBS |
| SIGN, LED BLANKOUT WITH HANGER | 6.0 S.F. | 24.0" W X 36.0" L | 110 LBS |
| | | | |

Loading Schedules For Metal Poles

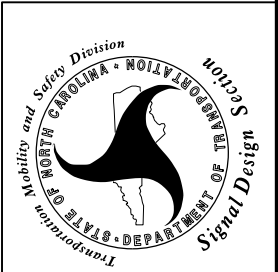
SIGNALS & GEOMETRICS SECTION
TRAFFIC ENGINEERING AND SAFETY SYSTEMS BRANCH
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

STD. NO.

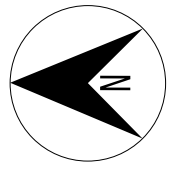
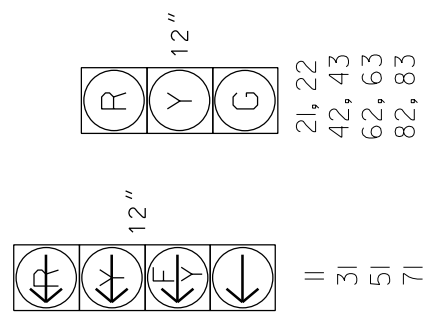
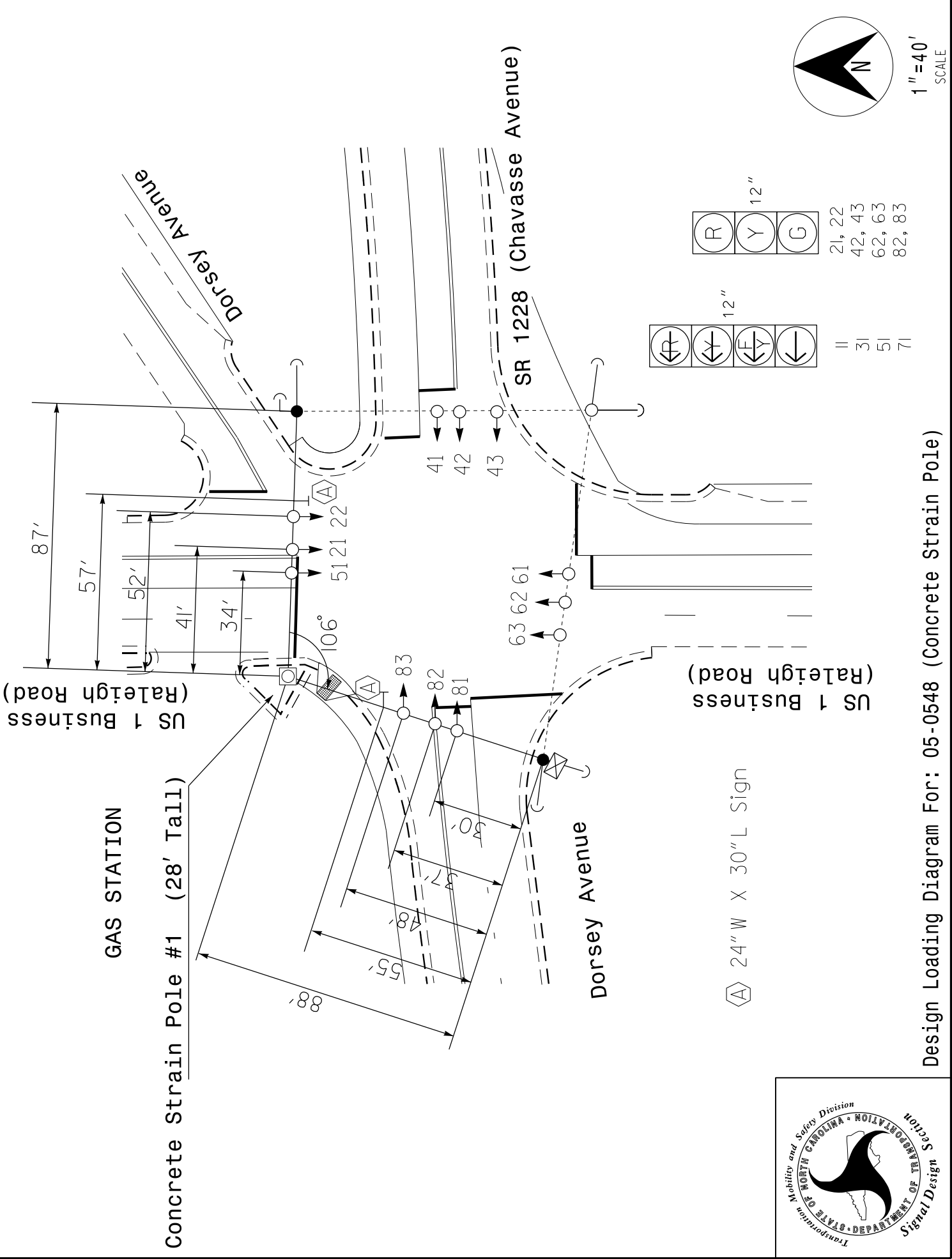
10.1.3

7-04

SHEET 1 OF 1



Design Loading Diagram For: 05-0548 (Concrete Strain Pole)



1" = 40'
SCALE