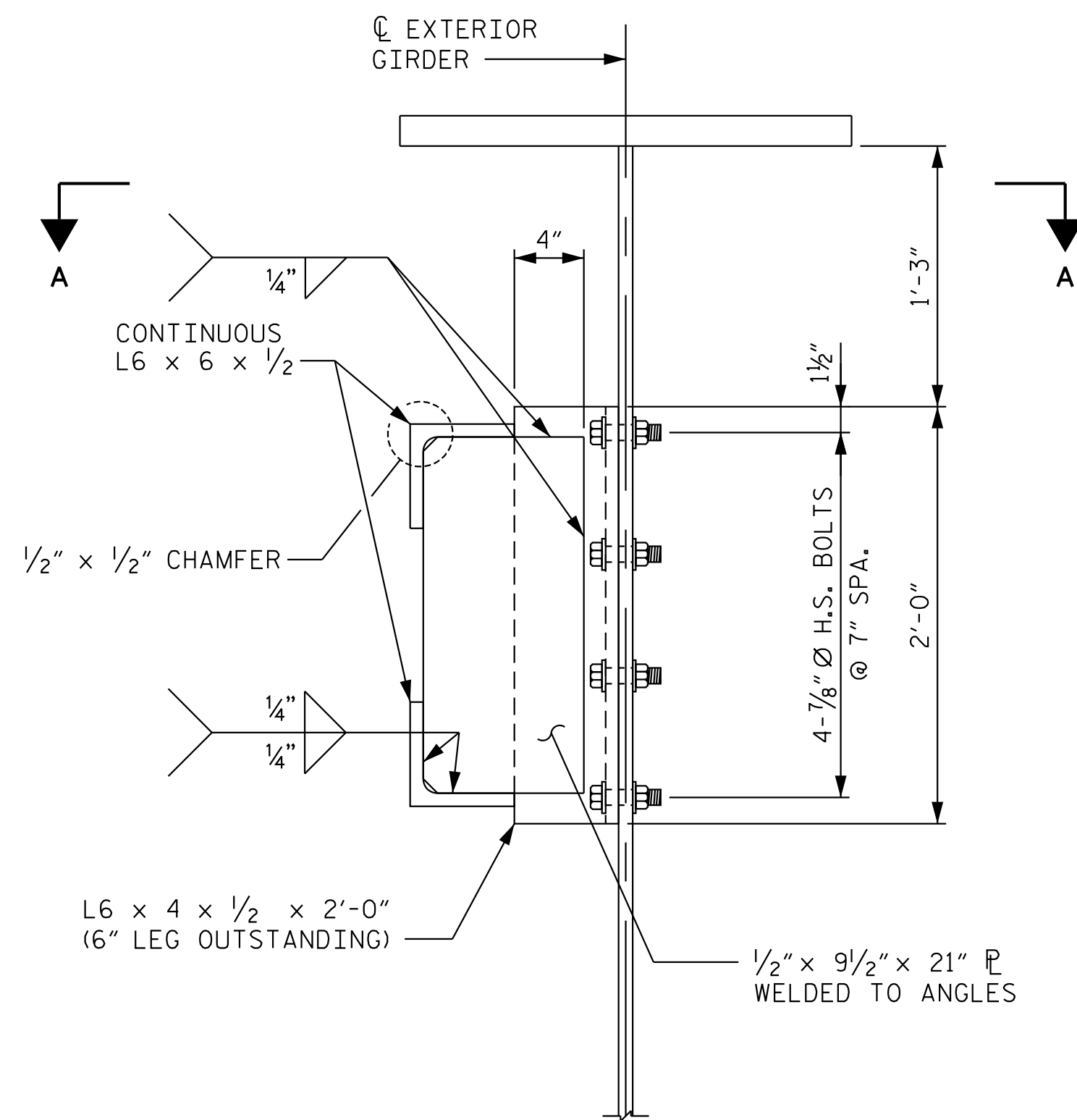
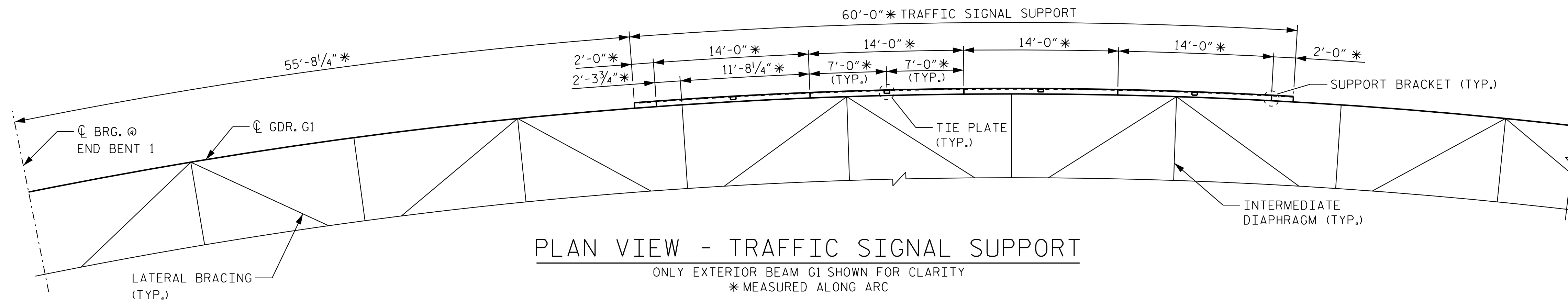


**NOTES:**

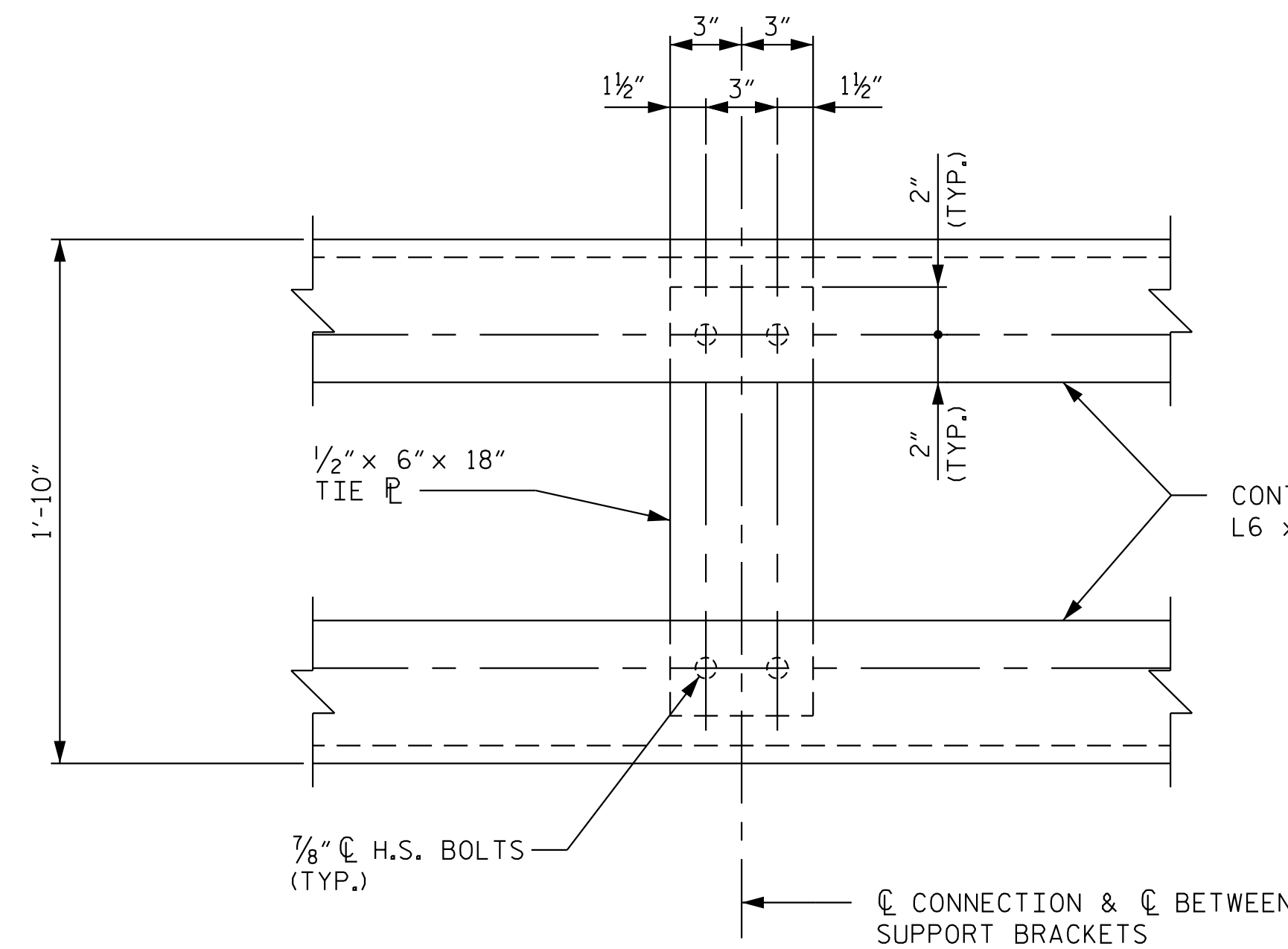
ALL FIELD CONNECTIONS FOR THE TRAFFIC SIGNAL SUPPORT SYSTEM SHALL BE MADE WITH 7/8" DIAMETER HIGH STRENGTH BOLTS, UNLESS NOTED OTHERWISE.

STRUCTURAL STEEL FOR SIGNAL SUPPORT BRACKETS SHALL BE ASTM A709 GR. 36. THE INDIVIDUAL SIGNAL SUPPORT BRACKETS ARE DESIGNED FOR A MAXIMUM 2 KIP VERTICAL LOAD OR 60 K-IN MOMENT. IF LOAD/MOMENTS (PROVIDED BY OTHERS) ARE GREATER THAN INDICATED, THEN A NEW ANALYSIS OF GIRDER/BRACKETS SHALL BE PERFORMED.

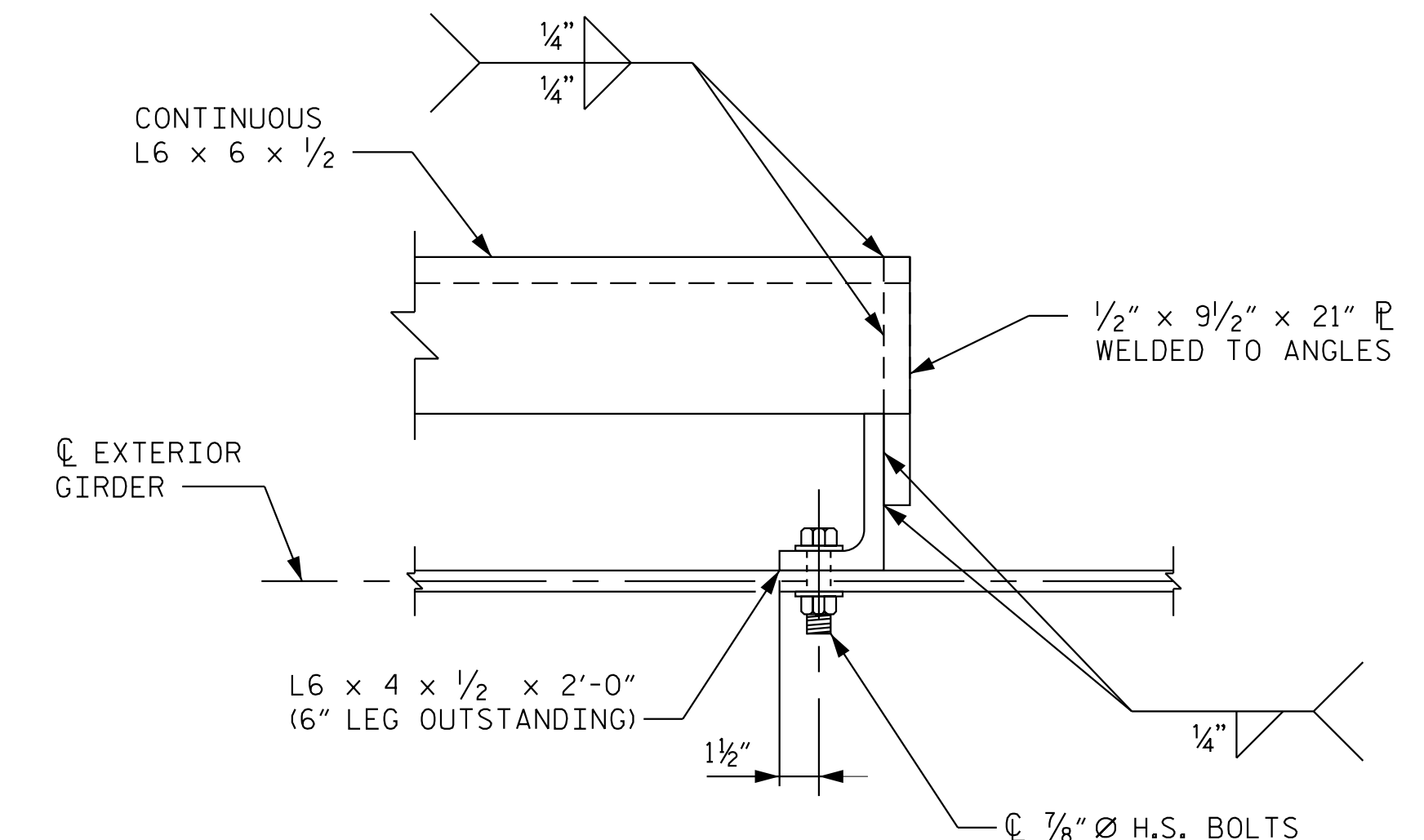
THE WEIGHT OF STRUCTURAL STEEL FOR THE SIGNAL SUPPORT BRACKETS IS INCLUDED IN THE PAY ITEM FOR APPROXIMATE LBS. STRUCTURAL STEEL.



**TRAFFIC SIGNAL SUPPORT BRACKET**  
FOR TRAFFIC SIGNAL SUPPORT BRACKET LOCATIONS SEE PLAN VIEW

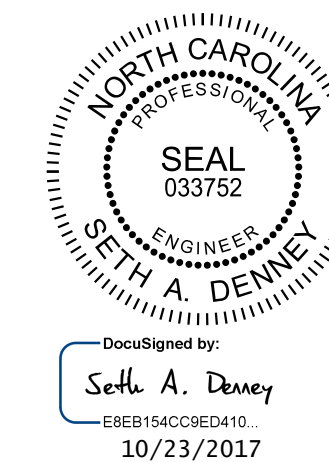


**TIE PLATE DETAIL**  
FOR TIE PLATE LOCATIONS, SEE PLAN VIEW



**SECTION A-A**

PROJECT NO. U-5806  
CABARRUS COUNTY  
STATION: 15+75.56 -Y1-  
27+06.95 -L-



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NC LICENSE # F-0102

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SUPERSTRUCTURE					
TRAFFIC SIGNAL SUPPORT DETAILS					
REVISIONS					SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
					TOTAL SHEETS
					50

K:\BIDI\_Structures\Bridges\NC\011036388 - U-5806 - Final Design\Coord\029\_U-5806\_ISS01.dgn

DRAWN BY: D. D. LOWERY DATE: 10/17  
CHECKED BY: A. L. PHILLIPS DATE: 10/17  
DESIGN ENGINEER OF RECORD: S. A. DENNEY DATE: 10/17

**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**

This document, together with the concepts and designs presented herein, is an integral part of the project. It is intended only for the specific project and site and without written authorization and approval by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.  
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