



PAINT ONE COAT - 4 MILS MIN - 6 MILS MAX INORGANIC ZINC HS UNLESS NOTED

PLEASE VERIFY PAINT

THE DESIGN DRAWING APPEARS TO SHOW AN EXTRA FLANGE PLATE BELOW THE BEAM FLANGE AND ABOVE THE NEW PLATE SHOWN ABOVE. WE HAVE CALCULATED THE LENGTH OF THE NEW BOLT BASED ON A  $\frac{7}{8}$ " FLANGE, A  $\frac{3}{8}$ " FLANGE PLATE AND THE ABOVE  $\frac{3}{8}$ " NEW FLANGE PLATE. PLEASE VERIFY THESE THICKNESSES.

NO EXTRA FLANGE PLATE EXISTS. (MISTAKE IN PLANS) DISREGARD EXTRA FLANGE PLATE. PROPOSED COVERPLATE IS TO BE ATTACHED DIRECTLY TO 30WFL16 BOTTOM FLANGE. ADJUST BOLT LENGTH AS REQUIRED.

- SHIP - 1480 -  $\frac{3}{4}$ "  $\phi$  x  $2\frac{1}{2}$ " A325 TYPE 3 BOLTS
- SHIP - 20 -  $\frac{3}{4}$ "  $\phi$  x 3" A325 TYPE 3 BOLTS
- SHIP - 1500 -  $\frac{3}{4}$ "  $\phi$  A563 DH3 NUTS
- SHIP - 1500 -  $\frac{3}{4}$ "  $\phi$  F436 TYPE 3 WASHERS

COUNTY HWY 555 (OLD HWY 299) OVER THE SOUTH FORK IOWA RIVER  
STA 154+99.75 TO STA 157+24.25

STANDARD WELDING DETAILS UNLESS OTHERWISE SHOWN		INORGANIC ZINC HS		PRINT RECORD		DETAILED BY: C. E. K.		REVISIONS		CUSTOMER: HI-WAY PRODUCTS		JOB No. 09-521	
				NO FOR	DATE	NO FOR	DATE	DATE	MR	BY	REMARKS	JOB	BRIDGE WIDENING
BEAM & PL UNTEL	BEAM CONN	BASE AND CAP PLATE H COL	PIPE COL					3/18/09				LOC	HARDIN COUNTY, IOWA
								CHECKED BY:				PROJ NO	BHS-CD4C593--63-42
								DATE:				ARCH -ENGR	CUSTOMER: HI-WAY PRODUCTS
												SHT	1
												DF	1

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A B C D E F G H J K L M N P S T U V W X Y Z AA AB AC AD AE AF AG AH AJ AK AM AN AP AS AT AU AV AW AX AY AZ