

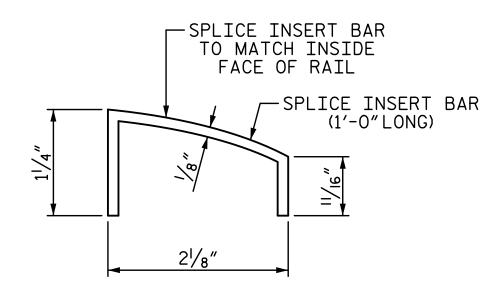
## NOTES:

THE CONTRACTOR SHALL USE ADHESIVELY ANCHORED THREADED RODS TO PERMANENTLY ATTACH THE METAL RAIL POSTS TO THE TOP OF THE EXISTING CONCRETE BARRIER RAILS. LEVEL ONE FIELD TESTING IS REQUIRED, AND THE YEILD LOAD OF THE  $\frac{3}{4}$ " Ø THREADED ROD IS 3 KIPS. FOR ADHESIVELY ANCHORED THREADED RODS, SEE THE STANDARD SPECIFICATIONS.

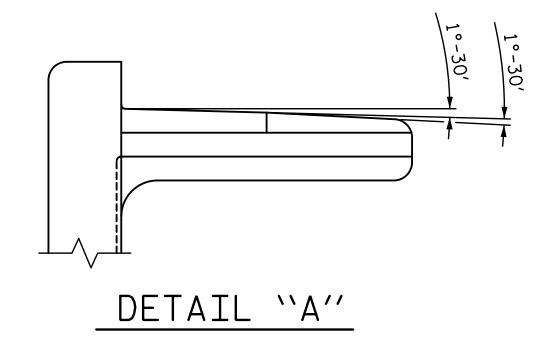
THE COST OF THE THREADED RODS AND WASHERS COMPLETE IN PLACE SHALL BE INCLUDED IN THE PRICE BID FOR LINEAR FEET OF 2 BAR METAL RAIL RETROFIT.

AFTER NUTS HAVE BEEN TIGHTEN, THE THREADED ROD THREADS SHALL BE DEFORMED TO PREVENT REMOVAL OF NUTS. TACK WELDING OF NUTS TO THREADED RODS, TO PREVENT THEFT, IS PERMITTED.

THE ADHESIVELY ANCHORED THREADED ROD SHALL MEET THE REQUIREMENTS OF ASTM F593 ALLOY 304 STAINLESS STEEL WITH MINIMUM OF 75,000 PSI ULTIMATE STRENGTH. NUTS SHALL MEET THE REQUIREMENTS OF ASTM F594 ALLOY 304 STAINLESS STEEL AND WASHERS SHALL MEET THE REQUIREMENTS OF ASTM F844 EXCEPT THEY SHALL BE MADE FROM ALLOY 304 STAINLESS STEEL.



## SPLICE INSERT BAR (TYPE 1)



		A	CT NO. LAMA ON: 26	NCE	CO	UNTY
	TE OF NORTH CAROLINA OF TRANSPORTATION RALEIGH					
ARED BY: N GINEERS SSOCIATES	Dogusigned SEAL	2 BAR METAL RAIL RETROFIT				
27518 468	AGB 1320EAT B2458E					
598 (Fax) onengr.com	J. BEANNY	NO.BY: ≰1	DATE:	NO. BY:	DATE:	SO1-48
NO. C-2521	3/22/2017	1		<u> ৩</u>		TOTAL SHEETS SO1-49