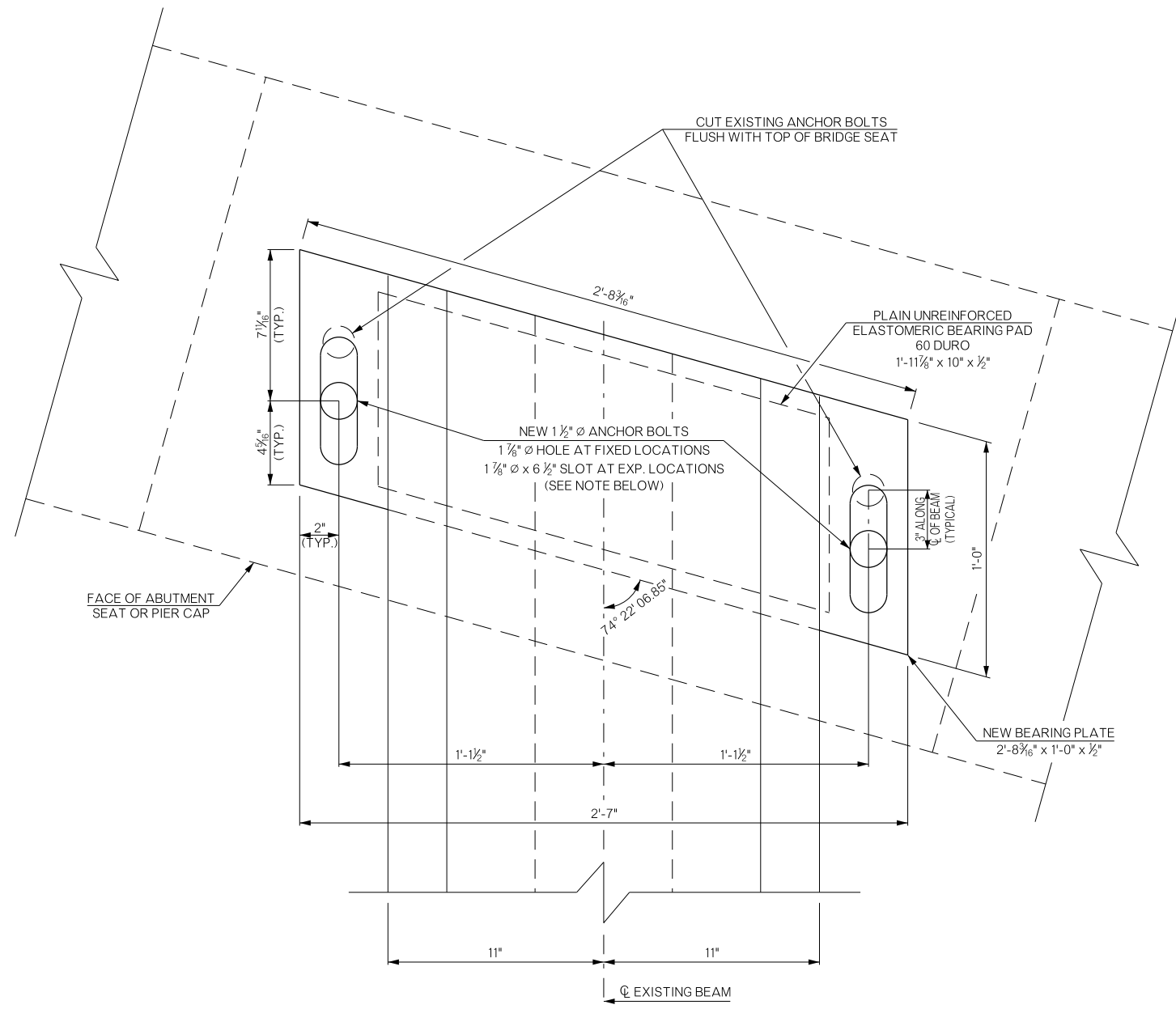
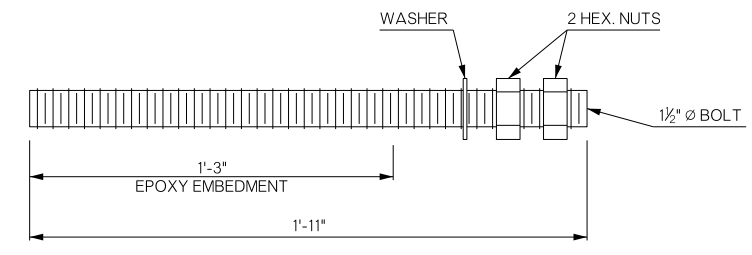


REVISIONS		
REV. NO.	DESCRIPTION	DATE



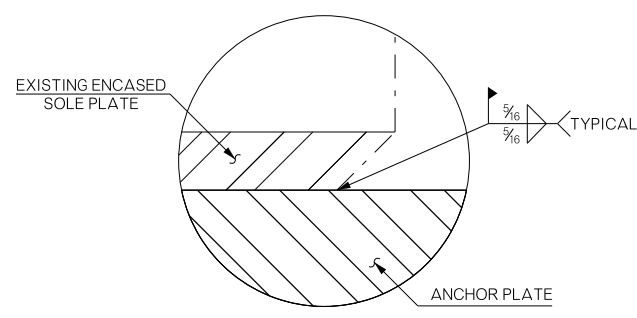
**PLAN VIEW OF BEARING PLATE REPLACEMENT AT BEAM ENDS**

NOTE: SEE EXISTING PLANS FOR FIXED AND EXPANSION LOCATIONS.



**ANCHOR BOLT DETAIL**

- ① PROVIDE STRUCTURAL STEEL FOR ANCHOR PLATES AND BUILT-UP CONTACT ANGLES IN ACCORDANCE WITH ASTM A240 (AUSTENITIC STAINLESS STEEL, TYPE 316, CHARPY V-NOTCH TESTING NOT REQUIRED). FOR ANCHOR BOLTS, PROVIDE CONTINUOUSLY THREADED BARS IN ACCORDANCE WITH ASTM A320, CLASS 2, GRADE B8M (AUSTENITIC STAINLESS STEEL, TYPE 316, CHARPY V-NOTCH TESTING NOT REQUIRED). USE AUSTENITIC STAINLESS STEEL NUTS AND WASHERS CONFORMING TO ASTM A194, GRADE 8M AND ASTM A320, RESPECTIVELY. PERFORM ALL WELDING CONSISTENT WITH PROCEDURES FOR STAINLESS STEEL. THE APPROXIMATE QUANTITY OF "STRUCTURAL STEEL" FOR EACH BEARING PLATE REPLACEMENT WHERE ANCHOR BOLTS ARE ALSO REPLACED IS 78 POUNDS.
- ② WELD NEW BEARING PLATE TO EMBEDDED PLATE IN BOTTOM FLANGE OF EXISTING P.C. BEAM. IF ALL-AROUND WELD CANNOT BE COMPLETED, WELD AS MUCH AS PRACTICABLE WITH THE APPROVAL OF THE ENGINEER.
- ③ EPOXY ANCHOR THE NEW 1 1/2 inch diameter ANCHOR BOLTS 1'-3" INTO THE EXISTING ABUTMENT SEAT AND PIER CAP. EPOXY ANCHOR THE NEW ANCHOR BOLTS IN ACCORDANCE WITH THE EPOXY MANUFACTURER'S RECOMMENDATIONS AND IN ACCORDANCE WITH SECTION 509.04 D(3) OF THE STANDARD SPECIFICATIONS.
- ④ ALL DIMENSIONS FOR EXISTING STRUCTURE ARE FROM RECORD DRAWINGS. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES BEFORE BEARING PLATES ARE FABRICATED. ALSO, BEFORE THE BEARING PLATES ARE FABRICATED, THE CONTRACTOR SHALL VERIFY TO THE ENGINEER THAT ALL CLEARANCES SHOWN IN THESE DETAILS CAN BE MET DURING INSTALLATION.



**ANCHOR PLATE WELD DETAIL**

BRIDGE "D" & "E" US-271 OVER KANSAS CITY SOUTHERN R.R.	LE FLORE COUNTY	Design	N/A	N/A
BEARING PLATE DETAILS (BRIDGES "D" & "E")		Detail	MSW	5/17
		Check	RAH	5/17
STATE OF OKLAHOMA		Squad:	HENSLLEY	
DEPARTMENT OF TRANSPORTATION		Engr:	DEFRANCO	
JOB/PIECE NO. 33217(04)	SHEET NO. B008			