

BEARING NOTES

- 43. BEARINGS SHALL BE PAID FOR UNDER CONTRACT ITEM 531.18 AND SHALL CONFORM TO APPLICABLE SUBSECTIONS OF SECTIONS 531 AND 731.
- 44. THE FIELD WELD CONNECTING THE BOTTOM FLANGE WITH THE BEARING DEVICE SHALL BE MADE WITH E7018 RODS. AREAS OF METALIZING DAMAGED BY WELDING AND OR HANDLING SHALL BE REPAIRED IN ACCORDANCE WITH SUBSECTION 726.09.
- 45. ALL STEEL COMPONENTS SHALL BE METALIZED AS PER SUBSECTIONS 531.04 (b) AND 506.14.
- 46. DESIGN CRITERIA, LOADS GIVEN AS PER BEARING:

DESIGN LOAD EFFECTS (KIP)	SERVICE LIMIT STATE	VERTICAL	MAX	296.4
			PERM.	-----
			MIN.	185.5
		TRANSVERSE	16.33	
		LONGITUDINAL	78.40	
ROTATION (RAD)	SERVICE LIMIT STATE	IRREVERSIBLE	TRANSVERSE	0.000
			LONGITUDINAL	0.013
		REVERSIBLE	TRANSVERSE	0.002
			LONGITUDINAL	0.005
TRANSLATIONS (in)	SERVICE LIMIT STATE	IRREVERSIBLE	TRANSVERSE	*
			LONGITUDINAL	*
		REVERSIBLE	TRANSVERSE	0.144
			LONGITUDINAL	0.576

- a. * BEARINGS SHALL BE REMOVED AND RESET ONCE THE FULL DEAD LOAD HAS BEEN APPLIED TO THE STRUCTURAL SYSTEM. THE CONTRACTOR SHALL MEET ALL OF THE REQUIREMENTS OF SECTION 502, INCLUDING THE SUBMITTAL OF CONSTRUCTION DRAWINGS. ALL MATERIALS AND WORK REQUIRED IN ORDER TO RESET BEARINGS SHALL BE INCIDENTAL TO THE STRUCTURAL STEEL ITEM IN THE CONTRACT.
- b. THE ANCHORAGE WILL BE DESIGNED TO RESIST 80 KIPS OF LATERAL FORCE PER BEARING (RESULTANT OF TRANSVERSE+LONGITUDINAL).

PROJECT NAME: BARRE TOWN
PROJECT NUMBER: BRF 6100(7)

FILE NAME: s06j002genotes.dgn
PROJECT LEADER: J. LACROIX
DESIGNED BY: T. FILLBACH
GENERAL NOTES 2

PLOT DATE: 27-SEP-2012
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CHECKED BY: T. FILLBACH
SHEET 6 OF 70