

DIMENSIONS (IN)

Dimension	Pier 1		
D	20 ⁵ 8"		
ТЬ	21/2"		
Th	9 ¹ 8"		
đ	6"		
b	12 "		
С	9½"		
d	17 ¹ 2"		

DESIGN DATA

Data	Pier 1	
Service Vertical Design Load (kips)	746	
Factored Horizontal Design Load (kips)	96	
Factored Design Rotation (rad)	0.008	

BILL OF MATERIAL

Unit	Total
Each	12
Each	48
	Each

1. The structural steel plates of the bearing assembly shall conform to the requirements of

2. Two ${}^{l}_{\theta}$ in. adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed as shown on bearing details.

3. H.S. bolts in bearing assembly shall be galvanized according to AASHTO M298 Class 50. 4. If base cylinder is recessed into the bottom bearing plate, the thickness of the bottom plate shall be Tb plus the depth of the recess.

5. Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade and diameter specified. The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.

6. Anchor bolts may be either cast in place or installed in holes drilled after the supported member is in place. Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.

7. The cost of the elastomeric neoprene leveling pads, shim plates, and threaded studs shall be included in High Load Multi-Rotational Bearings.

-S	F.A.P. RTE.	SECTION	COUNTY	TOTAL	SHEET NO.
	345	8R-R	KANE	794	514
	SN 045-0077		CONTRACT	NO. 6	OH45
STATION 98+32.18	FED. RC	DAD DIST. NO. 7 ILLINOIS FED. A	D PROJECT		