

Notes:

member is in place.

bearing details.

Anchor bolts shall be ASTM F1554, Grade 36 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. The corresponding specified

Drilled and set anchor bolts shall be installed according

Two l_8 in. adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed as shown on

The structural steel plates and pintles shall conform to the

grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554. Anchor bolts at fixed bearings may be either cast in place or installed in holes drilled after the supported

to Article 521.06 of the Standard Specifications. Load carrying components designated "NTR" shall conform to the Impact Testing Requirements, Zone 2.

requirements of AASHTO M 270 Grade 50W.

PIER BEARING DETAILS



PINTLE

Z

*FILL P THICKNESS TABLE

Location	Beam	Thickness
West Abutment	4	4
East Abutment	4	4 "
Pier 1	4	4"
Pier 2	4	4″

ROKA engineering Zroka Engineering, P.C. 4216 North Hermitage Chicago, IL 60613	USER NAME = SAW	DESIGNED - LAS	REVISED -		BEARING DETAILS	F.A.P. RTE.	SECTION	COUNTY TOTAL SHEETS	SHEET NO.
	VC. CHECKED JLA REVISED - 1 Hermitage 0, IL 60613 PLOT SCALE = 0:2.0000 ':' / 10. DRAWN - SAW REVISED - PLOT DATE = 8/19/2013 CHECKED - LAS REVISED -	STATE OF ILLINOIS	S.N. 008–0050	17	4BR-6	CARROLL 150	80		
			DEPARTMENT OF TRANSPORTATION	SHEET NO. SB-17 OF SB-24 SHEETS		ILLINOIS FED. AI	CONTRACT NO. 64	D83	



ABUTMENT BEARING DETAILS

BILL OF MATERIAL

Item	Unit	Total
Anchor Bolts, 34"	Each	24
Anchor Bolts, 1"	Each	24