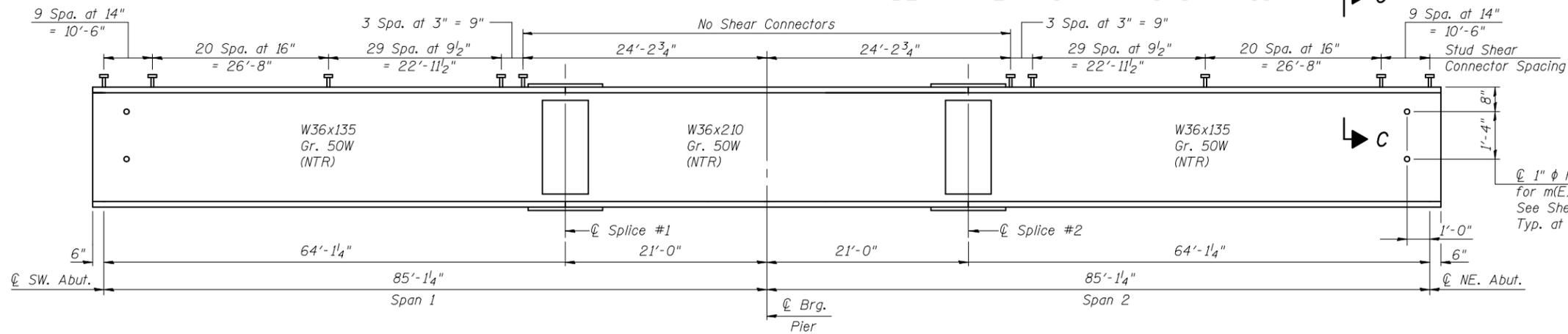
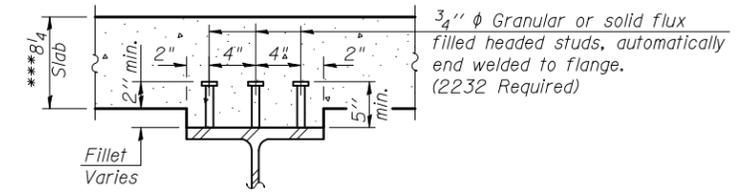


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



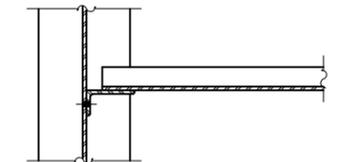
BEAM ELEVATION



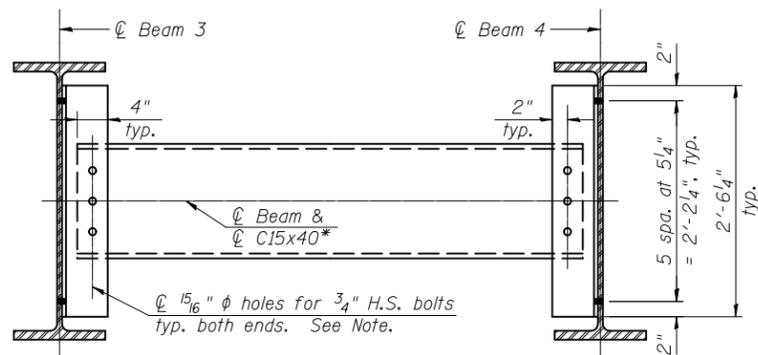
SECTION C-C

***Prior to grinding.

1" ϕ holes in beam for m(E) bars. See Sheet 13 of 22 Typ. at Each End



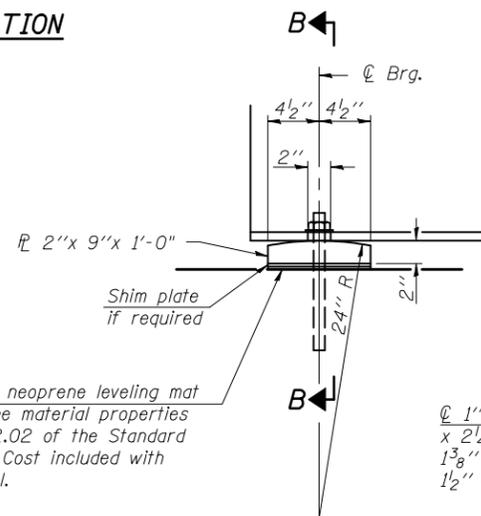
SECTION D-D



INTERIOR DIAPHRAGM D1

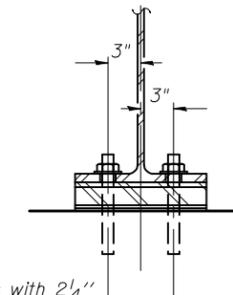
(7 Required)

Note: Install only the center bolt at each end of Diaphragm D1. The bolts shall be finger tightened prior to deck pour to permit rotation of Diaphragm D1. Install the remaining bolts and fully tighten after stage two deck pour is complete.



ELEVATION AT ABUTMENT

1/8" elastomeric neoprene leveling mat according to the material properties of Article 1052.02 of the Standard Specifications. Cost included with Structural Steel.



SECTION B-B

1" ϕ x 12" anchor bolts with 2 1/4" x 2 1/4" x 5/16" \bar{r} washer under nut. 1 3/8" x 2" slotted hole in flange. 1 1/2" ϕ holes in bearing plate.

FIXED BEARING AT ABUTMENTS

(12 Required)

Note: Cost of bearings is included in the cost of Furnishing and Erecting Structural Steel.

BILL OF MATERIAL

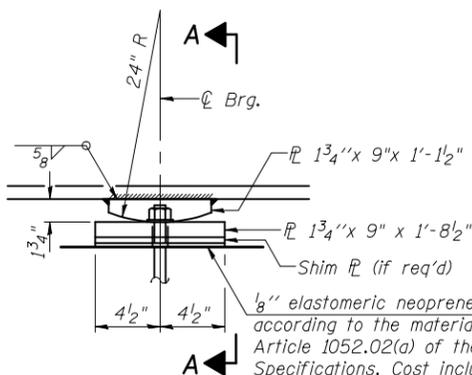
Item	Unit	Total
Anchor Bolts, 1"	Each	36

Notes:

Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. ASTM A307 Grade C anchor bolts may be used in lieu of ASTM F1554 Grade 36 (Fy=36ksi). The corresponding specified 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 member is in place.

Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.

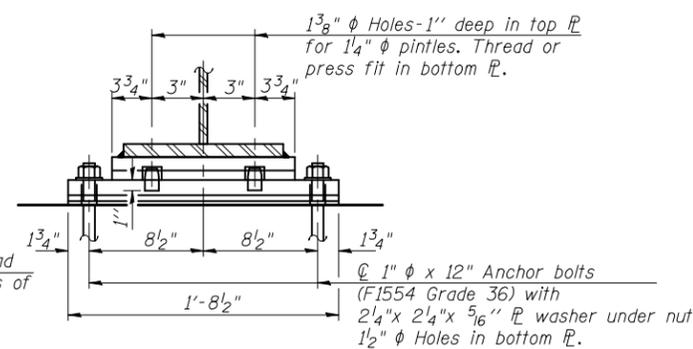


ELEVATION AT PIER

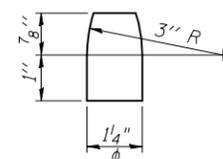
FIXED BEARING AT PIER

(6 Required)

Note: Two 1/8 in. adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed as shown on bearing details.



SECTION A-A



PINTLE

DESIGNED	KMS
CHECKED	SMM
DRAWN	KMS
CHECKED	SMM

**STEEL DETAILS
STRUCTURE NO. 020-0064**

SHEET NO. 15 22 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	71	(121BR)BR	DEWITT	75	44
FED. ROAD DIST. NO. 5 ILLINOIS			FED. AID PROJECT		
CONTRACT NO. 70429					

CLARK DIETZ, INC.