

-2.5 mm Thick Steel Plates

<u>BILL OF MATERI</u>	AL	
Item	Unit	Total
Elastomeric Bearing Assembly, Type I	Each	10
Anchor Bolts, M24	Each	20

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 250 (fy = 250 MPa). The corresponding specified Grade of AASHTO M314M Anchor Bolts may be used in lieu of ASTM F1554.

Anchor Bolts for Side Retainers may be installed in holes drilled before or after members are in place.

Drilled and set Anchor Bolts shall be installed according to Article 521.06 of the Standard Specifications.

Two 3mm Adjusting Shims shall be provided for each Bearing in addition to all other Plates or Shims and placed as shown on the Bearing Details.

Side Retainers and other Steel Members required for the Bearing Assembly shall be included in the cost of Elastomeric Bearing Assembly, Type I.

Cost for New Steel Extensions is included with "Furnishing and Erecting Structural Steel".

Bearing Plates & Pintles to be AASHTO M270M, Grade 250.

Diaphragm removal and replacement may be required to facilitate drilling holes in bottom flange for bearing attachment. Cost is included with "Furnishing and Erecting Structural Steel".

All dimensions are in millmeters (mm) except as noted.



12-11

115

115

BEARING ASSEMBLY

Note: Shim plates shall not be placed under Bearing Assembly.

+-12

Type I. 2. Drilling hole existing sub Type I.

Equivalent rolled angle with stiffeners will be allowed in lieu of welded Plates.

SHEET S18 OF S27	F.A.1. RTE.	SECTION	COUNTY		HEET NO.
SHELT <u>510</u> OF <u>521</u>	90	1213B-1	СООК	94	65
	STA. FED. RO	AD DIST. NO. 1	TO STA. ILLINOIS FED	AID PROJEC	т
		CONT	RACT NO	. 60640	
24 26 Interior Beams					
0 Exterior Beams					
-Side Retainer (Typ.)					
<u>+25</u>					
5					
€ 24 mm ¢ x 300 mm Ancho		7			
→ (ASTM F1554, Grade 250 (fy = 2 with 60x60x8 ₽ washer unde		/			
BEARING REPLACEM					
1. The Contractor shall submit for approv Existing Superstructure prior to comm	iencing ar	ny work at i	he Bearing	5.	
This submittal shall be prepared and s in Illinois.	sealed by	a Licensed	Structural	Engineer	
2. Jacking and Removing Existing Bearing	is shall h	e done afte	r the evist	ina Deck	
removal is completed and before the N			1110 02131	Ing Deck	
3. The New Bearings shall be in place an	nd the jac	sks shall be	lowered be	fore the	
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