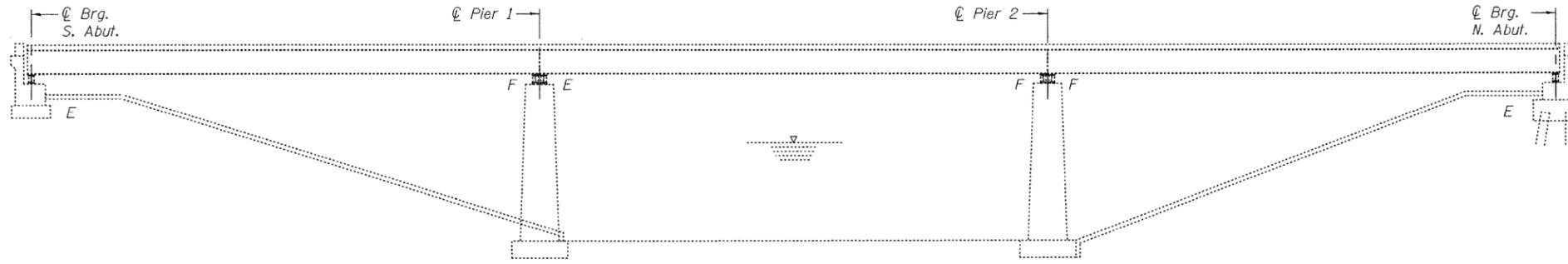
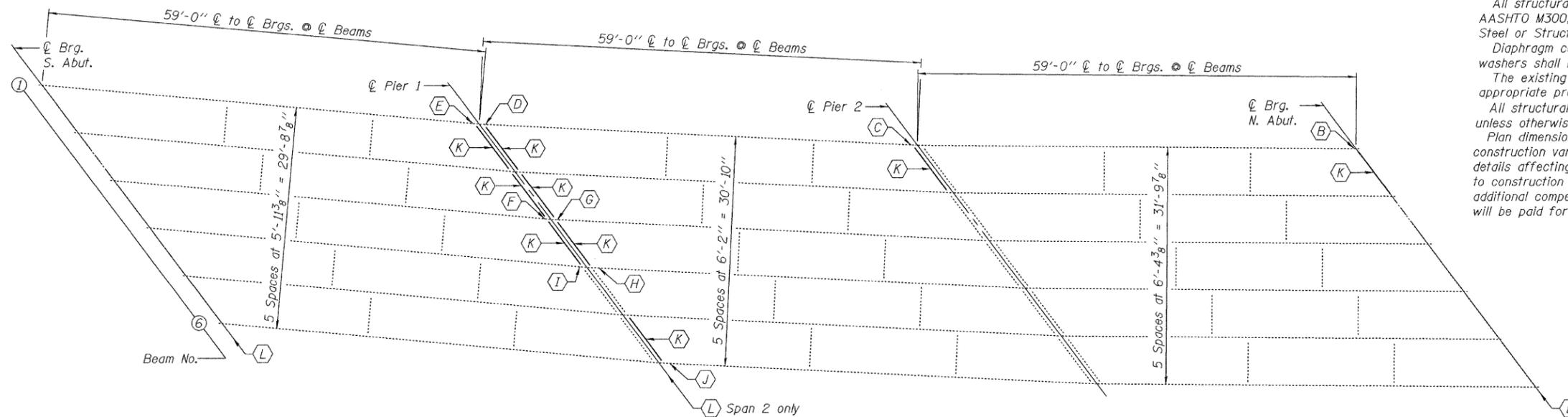


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ELEVATION



PLAN

- (B) thru (J) - Repair Beam Ends (See sheet 2 of 3 for additional details)
- (K) - Remove & Replace Existing Diaphragm & Clip Angles
- (L) - Remove & Replace Existing Bearings

NOTES

Fasteners shall be high strength bolts. Flange splice holes shall be $\frac{15}{16}$ " ϕ for $\frac{7}{8}$ " ϕ bolts. Web splice holes shall be $\frac{13}{16}$ " ϕ for $\frac{3}{4}$ " ϕ bolts.
 Cost of removal and re-installation of all members necessary to complete the work as detailed on the plans and as specified in the Special Provisions shall be included with Structural Steel Repair.
 Existing structural steel that will be in contact with new structural steel shall be cleaned and painted prior to erection as required by the Special Provision "Cleaning and Painting Contact Surface Areas of Existing Steel Structures".
 All structural steel shall be shop painted with the inorganic zinc rich primer per AASHTO M300, Type 1. Cost included with Furnishing and Erecting Structural Steel or Structural Steel Repair as appropriate.
 Diaphragm connection holes shall be $\frac{15}{16}$ " ϕ for $\frac{3}{4}$ " ϕ bolts. Two hardened washers shall be required at diaphragm connections.
 The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
 All structural steel shall conform to AASHTO Classification M-270 Gr. 36, unless otherwise noted.
 Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

* Includes quantities on sheets 2 & 3 of 3.

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Structural Steel Repair	Pound	2200
Jack and Remove Existing Bearings	Each	18
Elastomeric Bearing Assembly, Type I	Each	18
Anchor Bolts, 1" ϕ	Each	36
* Furnishing and Erecting Structural Steel	Pound	6820
Structural Steel Removal	Pound	3320

DESIGNED	<i>Jim J. J...</i>
CHECKED	Victor K. Veliz
DRAWN	Kyle M. Steffen
CHECKED	VW IJL

MARCH 11, 2010
 EXAMINED *[Signature]*
 ENGINEER OF STRUCTURAL SERVICES
 PASSED *[Signature]*
 ENGINEER OF BRIDGES AND STRUCTURES



Expires: November 30, 2010

PLAN AND ELEVATION

SN 099-0171

SHEET NO. 1 3 SHEETS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0327	112 BR-I-1	WILL	28	12
FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 60H86					