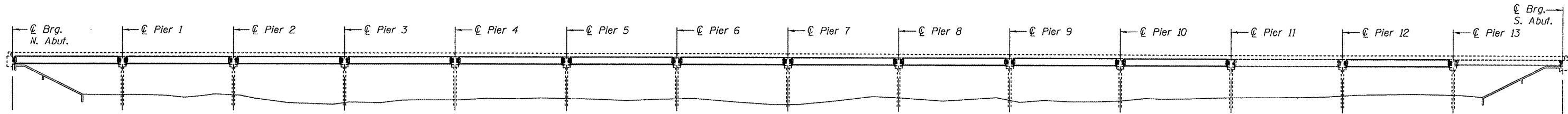
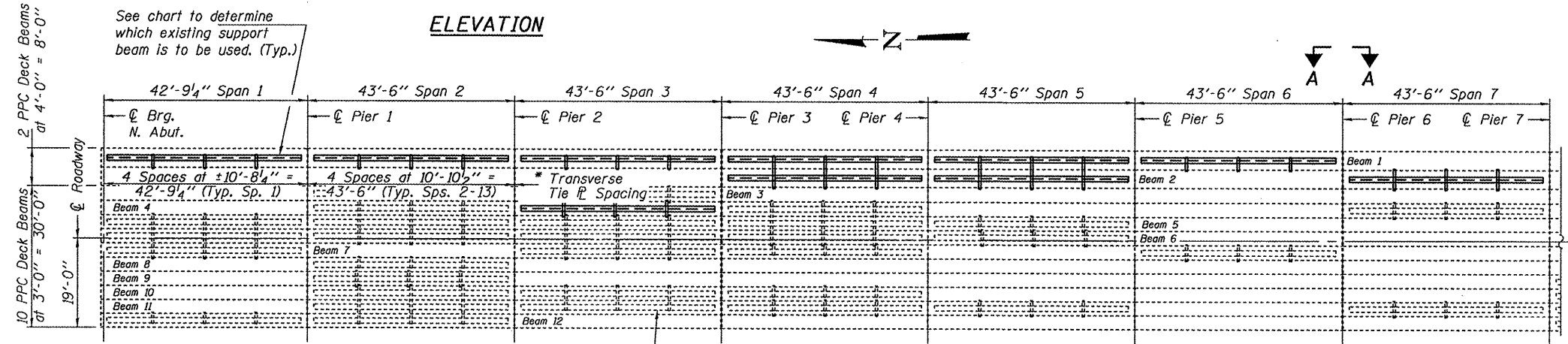


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

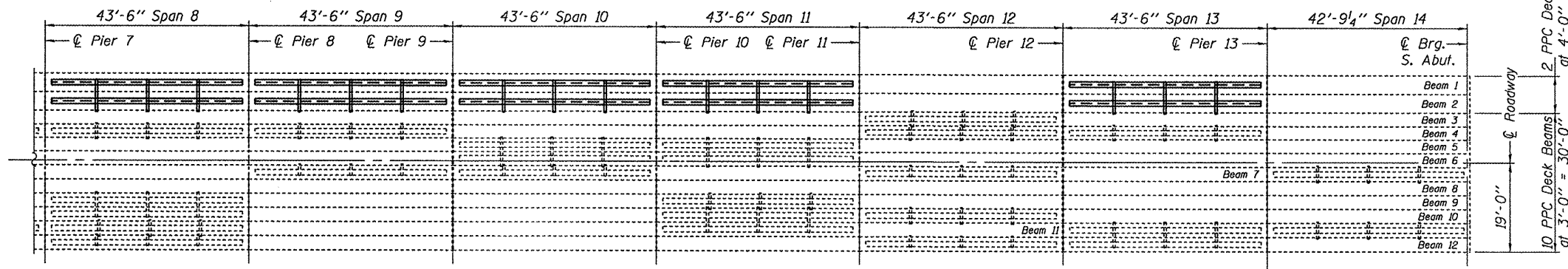


GENERAL NOTES

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.
 See Section 584 of the Standard Specifications for Epoxy Grouting of Threaded Rods.
 The cost of epoxy grouting threaded rods shall be included with Erecting Structural Steel.
 The contractor is advised that the existing PPC Deck Beams are in a deteriorated condition with reduced load carrying capacity. It is the contractor's responsibility to account for the condition of the beams when developing construction procedures.
 If the contractor's procedure for placement of beams involves placement of cranes or other heavy equipment on the bridge, a detailed procedure shall be submitted to the Engineer for approval. The procedure shall include calculations, prepared and sealed by an Illinois Licensed Structural Engineer, verifying that the equipment and procedure used will not overstress the existing beams. To distribute load to multiple beams and protect the existing surface, in all cases a double layer mat of heavy timbers shall be used at all times under crane tracks or wheels and any outriggers in the down position. If necessary, shims shall be used under the crane mat to ensure uniform contact with the underlying beams.



PLAN



PLAN

SUPPORT BEAM CHART

BEAMS TO BE SUPPORTED	EXISTING SUPPORT TO BE USED
Span 1, Beam 1	Span 1, Beam 12
Span 2, Beam 1	Span 2, Beam 12
Span 3, Beams 1 & 4	Span 3, Beams 10 & 11
Span 4, Beams 1 & 2	Span 4, Beams 10 & 11
Span 5, Beams 1 & 2	Span 5, Beam 11; Span 8, Beam 10
Span 6, Beam 1	Span 11, Beam 9
Span 7, Beam 2	Span 7, Beam 11
Span 8, Beams 1 & 2	Span 8, Beams 11 & 12
Span 9, Beams 1 & 2	Span 2, Beams 10 & 11
Span 10, Beams 1 & 2	Span 12, Beams 10 & 12
Span 11, Beams 1 & 2	Span 11, Beams 10 & 11
Span 13, Beams 1 & 2	Span 13, Beams 11 & 12

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Erecting Structural Steel	Pound	107,680

DESIGNED: *Victor K. Veloz*
 CHECKED: *James B. [Signature]*
 DRAWN: Kyle M. Steffen
 CHECKED: *UHV [Signature]*

MAY 5, 2009
 EXAMINED: *Carl [Signature]*
 PASSED: *Robert E. Anderson*
 ENGINEER OF STRUCTURAL SERVICES
 ENGINEER OF BRIDGES AND STRUCTURES



Expires: November 30, 2010

PLAN AND ELEVATION
SN 009-0006

SHEET NO. 1	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	614	144(B-1,B-2)	CASS	351	106
2 SHEETS		CONTRACT NO. 72A76			
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			