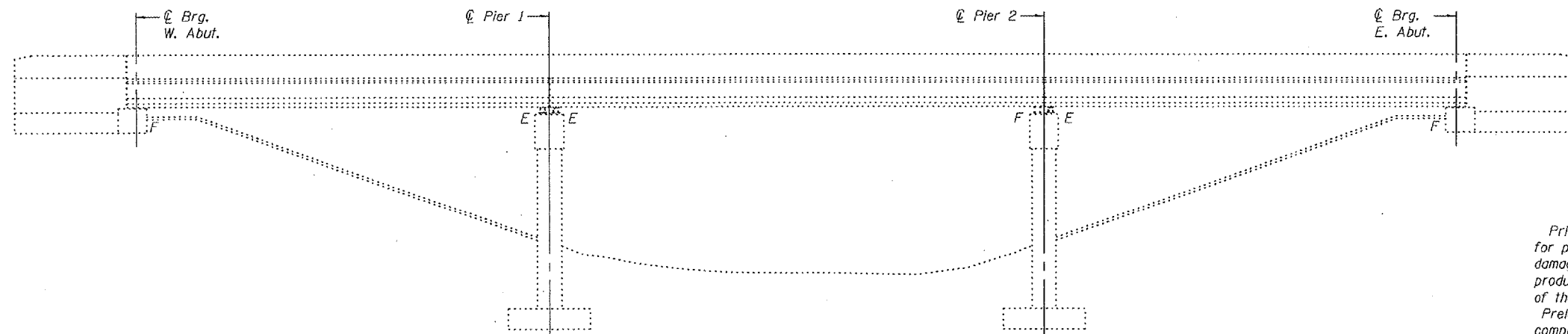


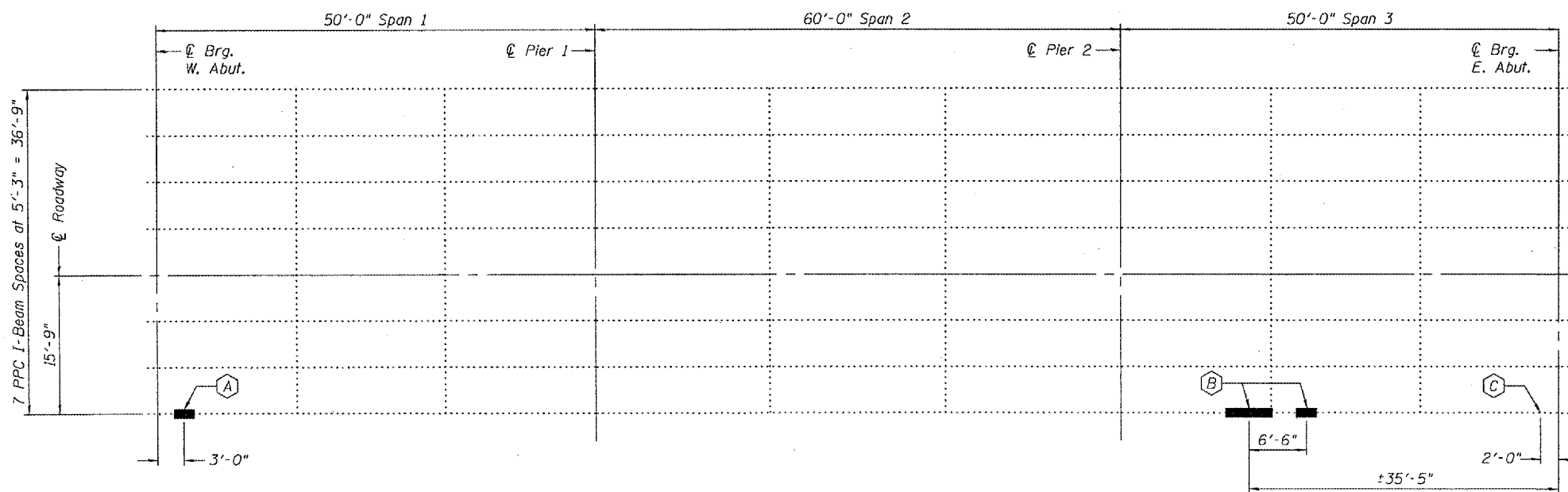
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET NO. 1
		Champaign	96	2 SHEETS
FED. AID DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

Contract Number: 70518



**ELEVATION**



**PLAN**

- (A) Location of PPC I-Beam Repairs.
- (B) Location of PPC I-Beam Repairs with Pre-Loading
- (C) Location of Polymer Modified Portland Cement Mortar Repair.

**GENERAL NOTES**

Prior to beginning any repair work, the contractor shall be responsible for providing a preloading system on the bridge deck over the existing damaged beam at the specified locations. The preloading system should produce a total maximum service load moment as shown at the centerline of the damaged area.

Preloading shall be kept in place for at least three (3) days after completion of concrete repair or until the concrete has reached an ultimate strength of 5,000 psi.

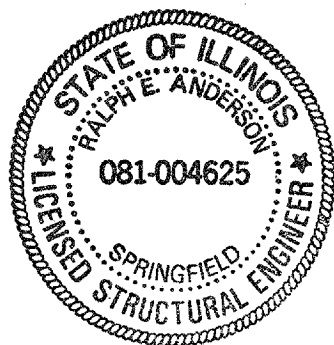
The contractor's proposed preloading system, with computations, sealed and signed by an Illinois Structural Engineer shall be submitted to the Bureau of Bridges and Structures for approval. The preloading system shall be placed shortly after bridge closure for repairs.

The preloading system shall not be paid for separately but will be included in the unit price for PPC-I Beam Repairs.

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
PPC I-Beam Repairs	L.S.	0.7
Polymer Modified Portland Cement Mortar	S.F.	2.0

**PLAN AND ELEVATION**  
**F.A.I. RT 74**  
**W.B. I-74 / SALT FORK RIVER**  
**CHAMPAIGN COUNTY**  
**SN 010-0030**



Expires November 30, 2006

DESIGNED	Victor H. Veltz	May 8, 2006
CHECKED	John A. Morris	EXAMINED
DRAWN	Drew Christopher	PASSED
CHECKED	S.J.B./VHV	