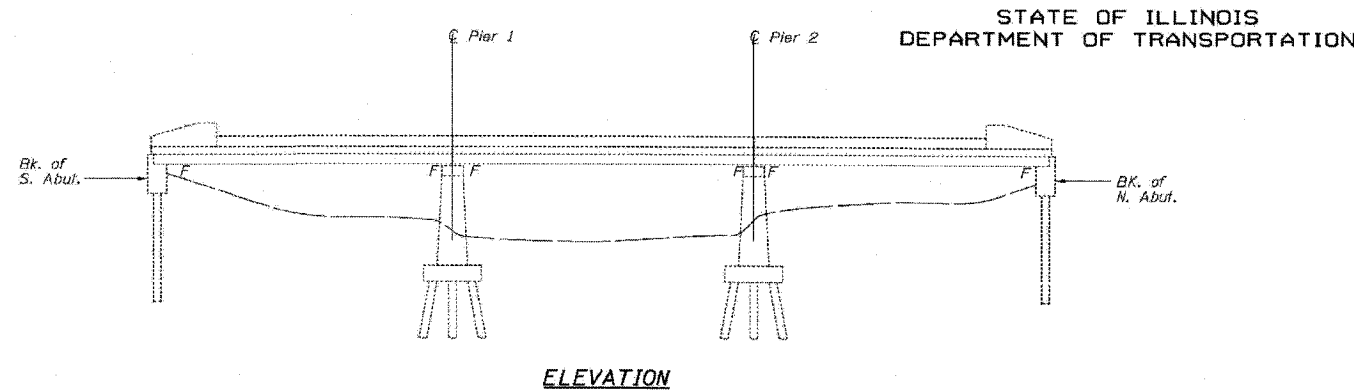


FOR INFORMATION ONLY

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
716	(130BR-1)B-1	MACON	95	77
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



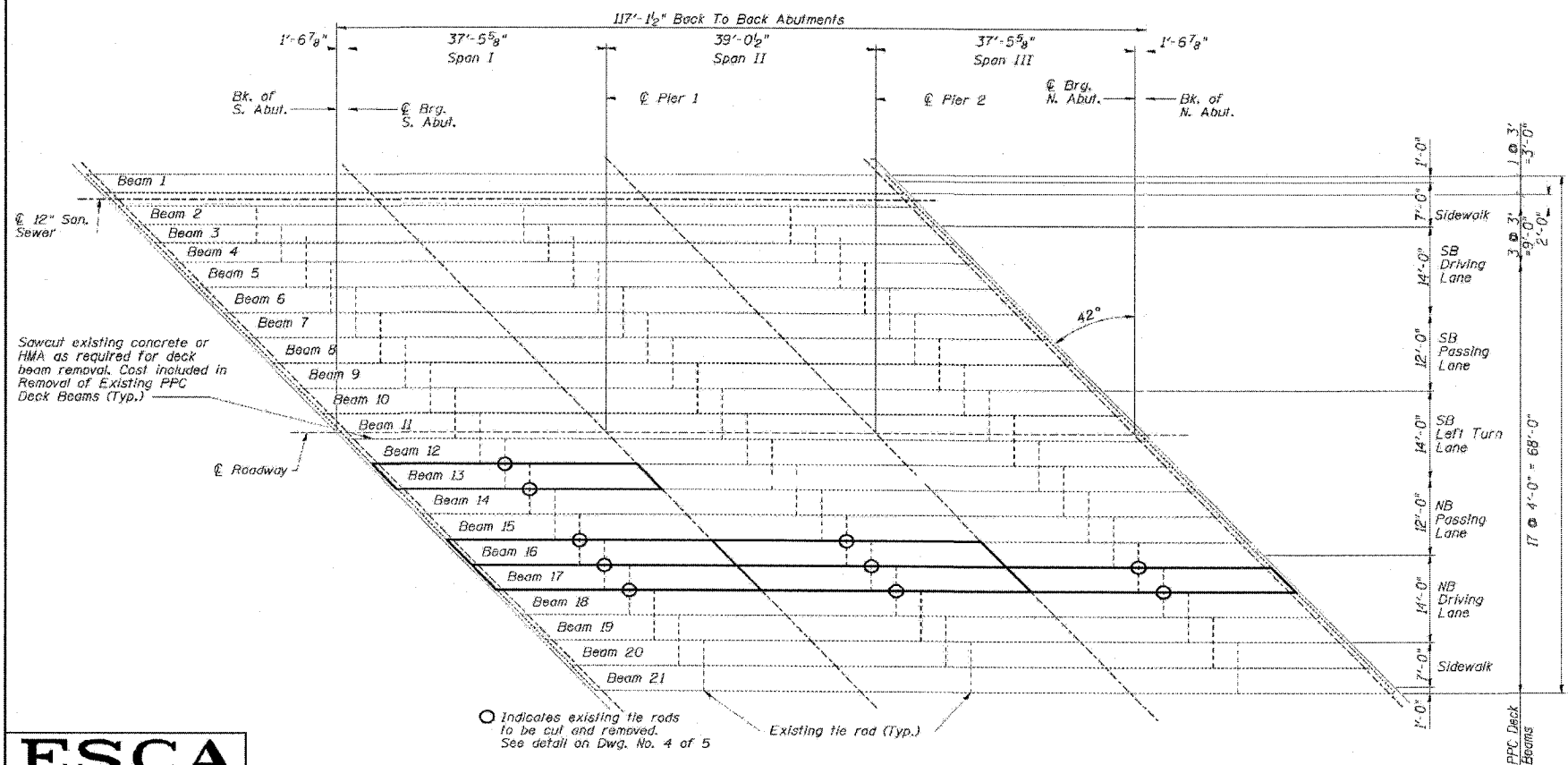
ELEVATION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
716	(130BR-1)B-1	MACON	95	77
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

GENERAL NOTES

1. Plan dimensions and details relative to existing plans are subject to routine 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 based upon the unit price bid for the work.
2. Truck mixers, concrete pumps, vacuum trucks or other heavy equipment will not be allowed on any portion of the bridge. The sum of all equipment shall not exceed 15 tons in one span.
3. Any damage done to the bridge during beam removal shall be repaired by the Contractor. Cost to be included in the cost of Removal of Existing PPC Deck Beams.
4. The thickness of Hot-Mix Asphalt overlay shall match the existing thickness and shall be adjusted for the new expected beam camber.
5. Beam 13 in Span I and Beam 17 in Spans I, II, and III shall be 47" wide. Beam 16 in Spans I and II shall be 48" wide.



DECK BEAM PLAN

TOTAL BILL OF MATERIAL

Item	Unit	Quantity
Removal of Existing Precast Prestressed Concrete Deck Beams	Sq. Ft.	924
Precast Prestressed Concrete Deck Beams (17" Depth)	Sq. Ft.	910
Hot-Mix Asphalt Surface Course, Mix "D", NSQ	Ton	2.3
Hot-Mix Asphalt Surface Removal, Special	Sq. Yd.	115



**DESIGN STRESSES
PRECAST UNITS**

$f'_c = 5,000$ psi
 $f'_{ci} = 4,000$ psi
 $f'_s = 270,000$ psi ($1/2$ " ϕ low lax strands)
 $f'_s = 201,960$ psi ($3/8$ " ϕ low lax strands)

GENERAL PLAN
FAP ROUTE 716 (IL 48)
OAKLAND AVENUE
SECTION (130BR-1)B-1
MACON COUNTY
SN 058-0056

ESCA
CONSULTANTS, INC.

DESIGNED BY:	ELH	02/07
DRAWN BY:	JPC	02/07
CHECKED BY:	ELH	03/07
APPROVED BY:	RDP	03/07

○ Indicates existing tie rods to be cut and removed. See detail on Dwg. No. 4 of 5