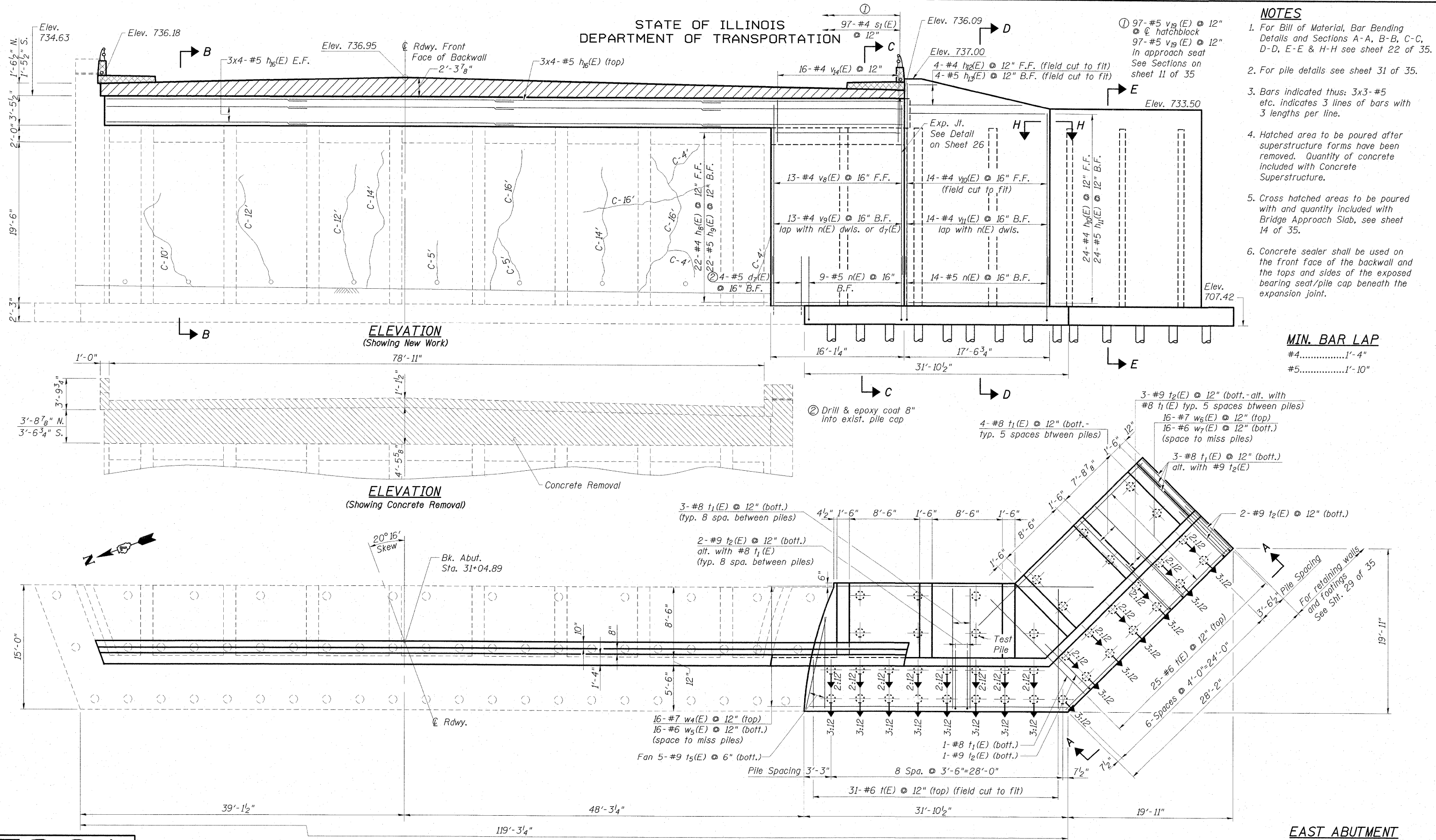


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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**



- NOTES**
- For Bill of Material, Bar Bending Details and Sections A-A, B-B, C-C, D-D, E-E & H-H see sheet 22 of 35.
  - For pile details see sheet 31 of 35.
  - Bars indicated thus: 3x3-#5 etc. indicates 3 lines of bars with 3 lengths per line.
  - Hatched area to be poured after superstructure forms have been removed. Quantity of concrete included with Concrete Superstructure.
  - Cross hatched areas to be poured with and quantity included with Bridge Approach Slab, see sheet 14 of 35.
  - Concrete sealer shall be used on the front face of the backwall and the tops and sides of the exposed bearing seat/pile cap beneath the expansion joint.

**MIN. BAR LAP**  
 #4.....1'-4"  
 #5.....1'-10"

**EAST ABUTMENT  
STRUCTURE NO. 015-0064**

**ESCA**  
CONSULTANTS, INC.

DESIGNED BY: RDP/DAJ 11/08  
 DRAWN BY: DWH/cj 11/08  
 CHECKED BY: RDP 03/09  
 APPROVED BY: RDP 08/09

**PILE DATA**  
 Type: Metal Shell, 12" dia. x 0.25" Wall  
 Nominal Required Bearing: 270 kips  
 Allowable Resistance Available: 90 kips  
 Estimated Length: 55'  
 No. Production Piles: 41  
 No. Test Piles: 1

**REPAIR LEGEND**  
 Inspection Date: 3/3/09  
 C-6' Crack to be epoxy injected

SHEET NO. 21 35 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	325	(19VBR)BR	COLES	92	45
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT		
CONTRACT NO. 74149					