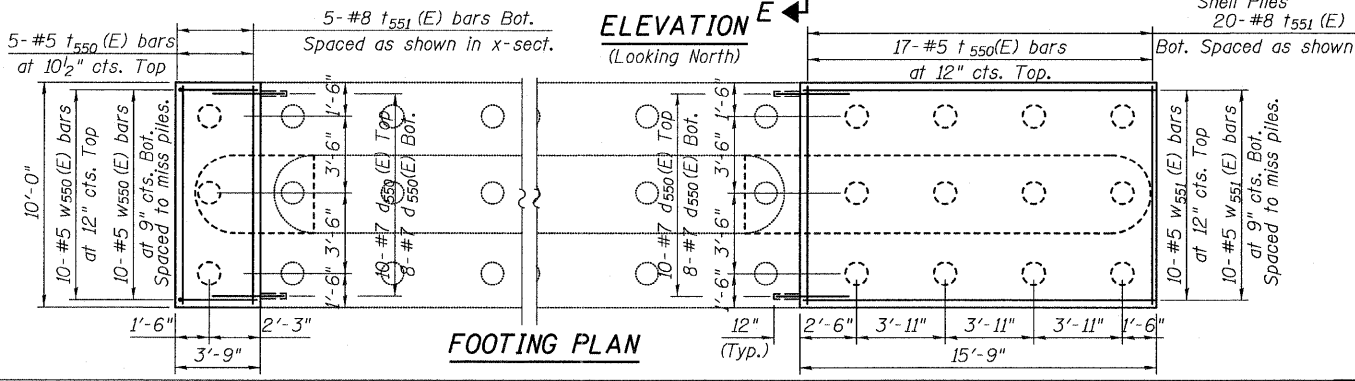
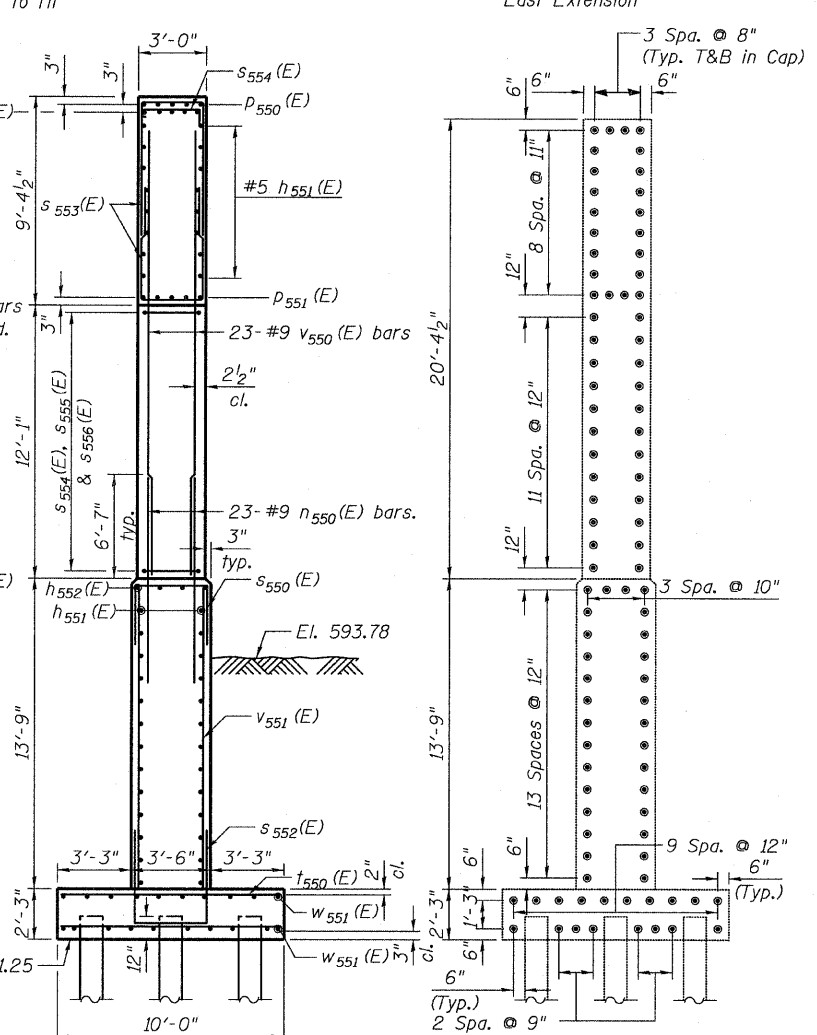
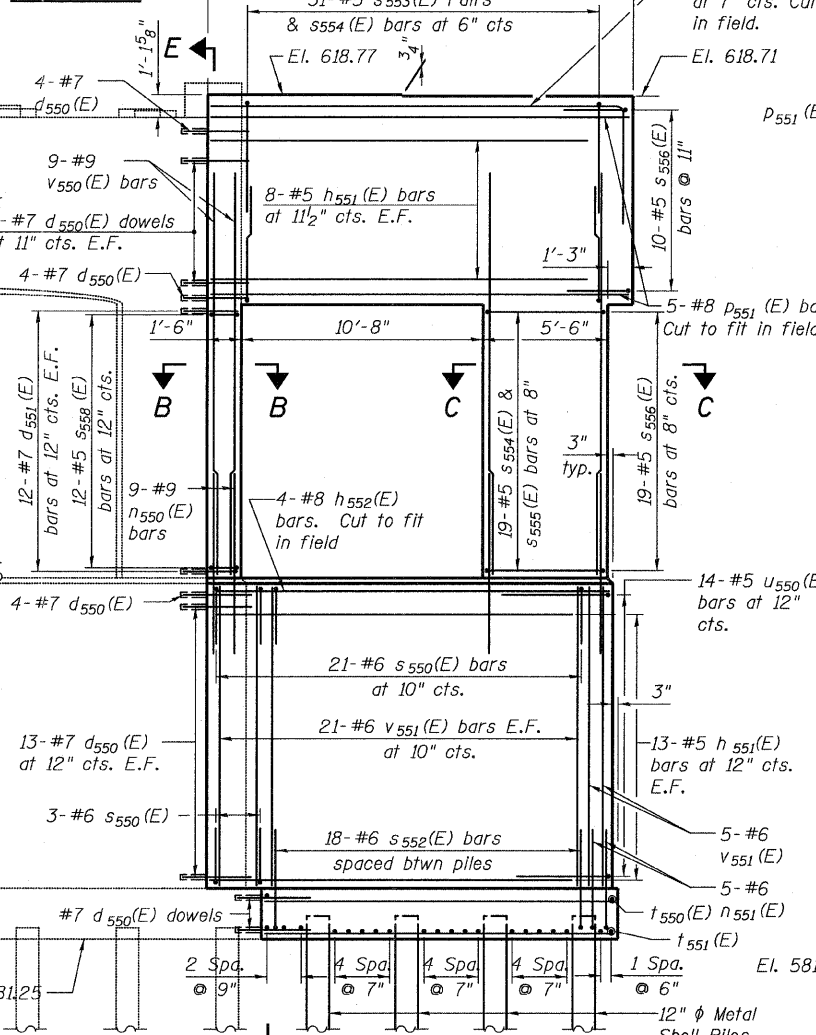
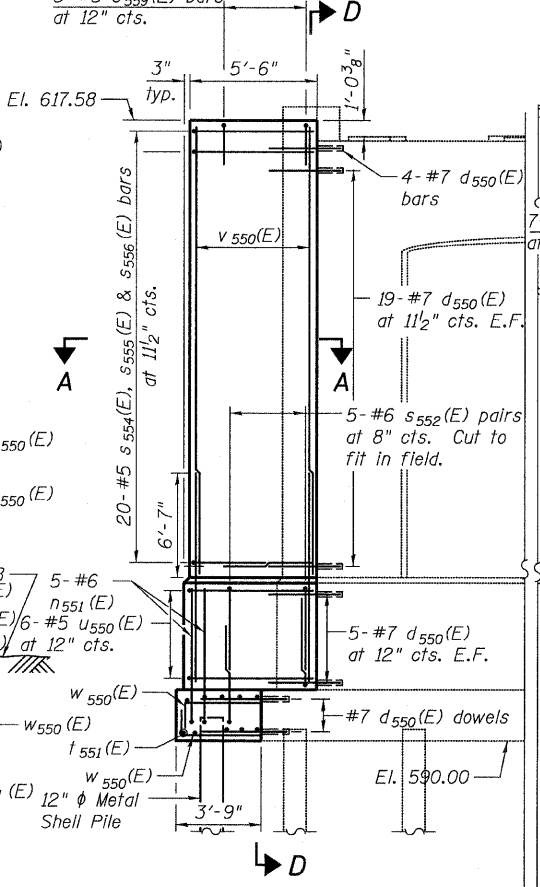
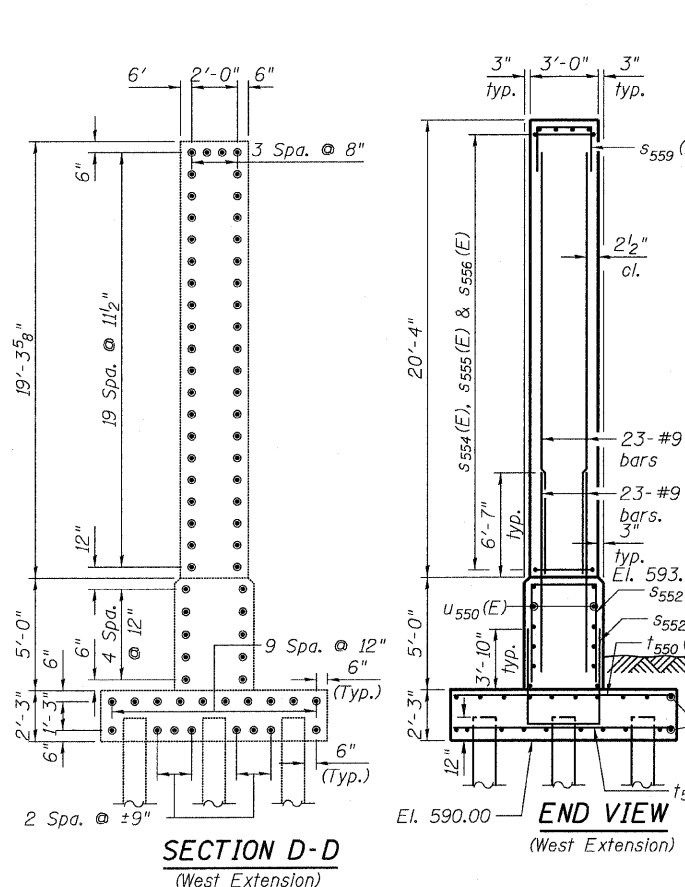
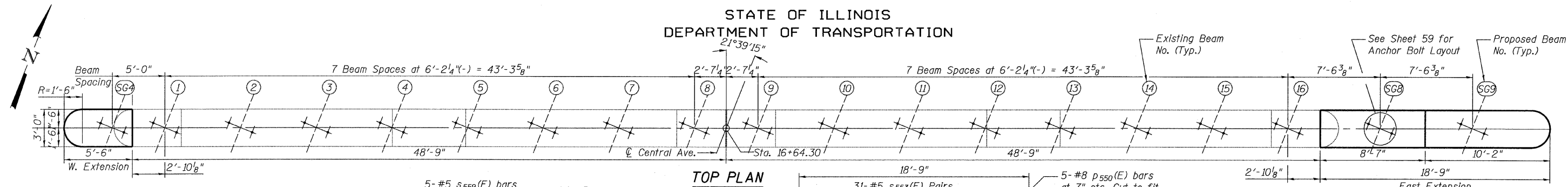


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



- NOTES**
1. Epoxy grout $d_{550}(E)$ and $d_{551}(E)$ bars according to Article 584 of the Standard Specifications. Drill to miss existing reinforcement. The epoxy grout and method of application shall be approved by the Engineer. All drilling and grouting of rebar to be included with the cost of "Reinforcement Bars, Epoxy Coated."
 2. Space reinforcement in pier cap to miss anchor bolts.
 3. Space bottom reinforcement in footing to miss piles.
 4. For sections A-A, B-B, C-C & Detail 1 see Sheet 59.
 5. For Bill of Materials, see Sheet 59.
 6. E.F. - denotes each face

PILE DATA TABLE

Type: 12" ϕ x 0.25" Wall
Nominal Required Bearing: 270 kips
Allowable Resistance Available: 90 kips
Estimated Length: 33 ft
No. Production Piles: 14
No. Test Piles: 1

Proposed Pile (Symbol: Circle with dot)
Existing Pile (Symbol: Circle)

**PIER 4 WIDENING
STRUCTURE NO. 016-3241**

TYLIN INTERNATIONAL DESIGNED - MMB CHECKED - AMD, DRAWN - MMB CHECKED - AMD, DATE - 03/25/2011	REVISIONS		SHEET NO. 58 71 SHEETS	F.A.I. RTE. 55	SECTION 0711.2R & 1011.1BR	COUNTY COOK	TOTAL SHEETS	SHEET NO.
	NAME	DATE					741	311
							CONTRACT NO. 60999	
							FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

6/27/17 PM 01345\structure\016-3241\550\pier-4.dwg