

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NOTES

1. Work this sheet with Sheets 46 through 50.
2. For Section A-A, Section B-B and Section C-C, see Sheet 49.

* Cut to fit in field.

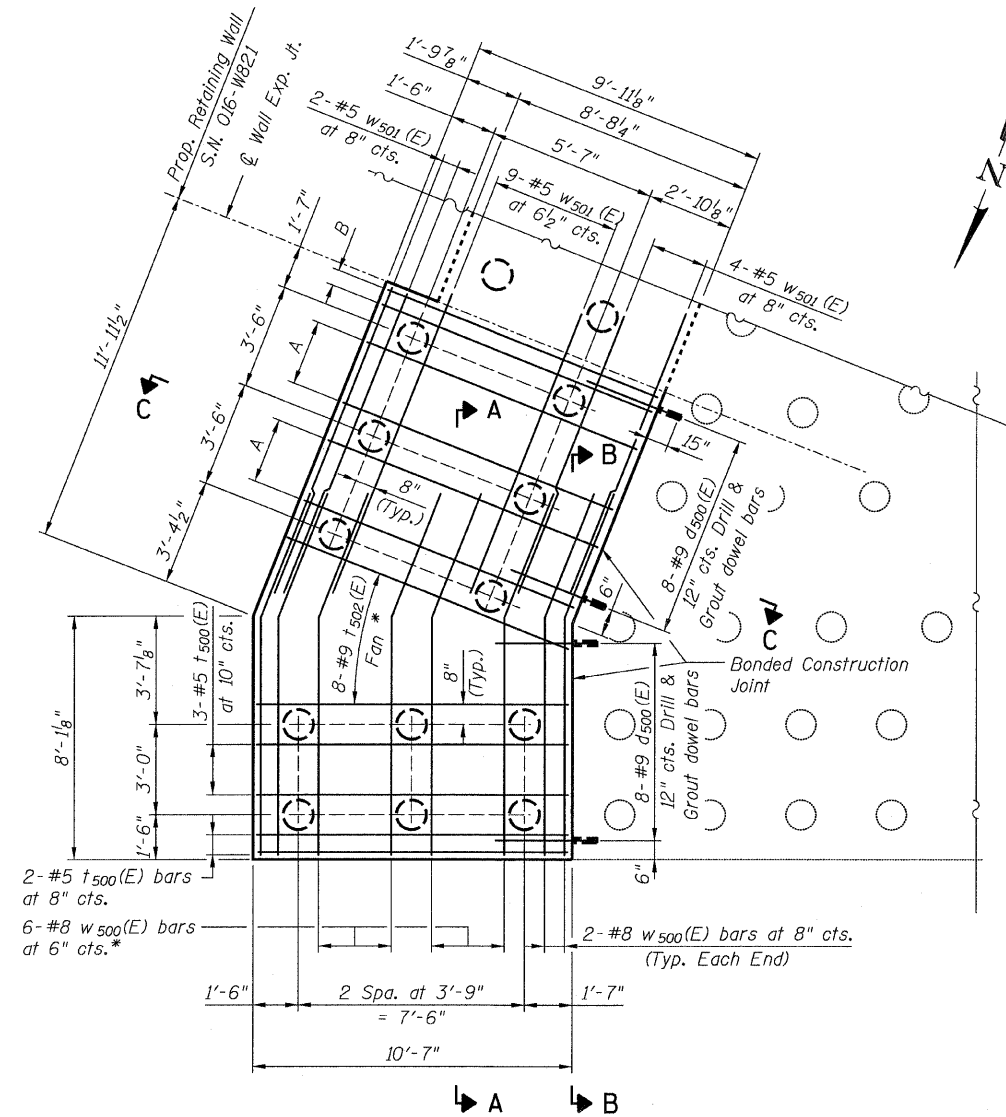
- A: 5-#9 t501(E) bars at 6 1/2" cts.
B: 2-#9 t501(E) bars at 8" cts.

PILE DATA TABLE

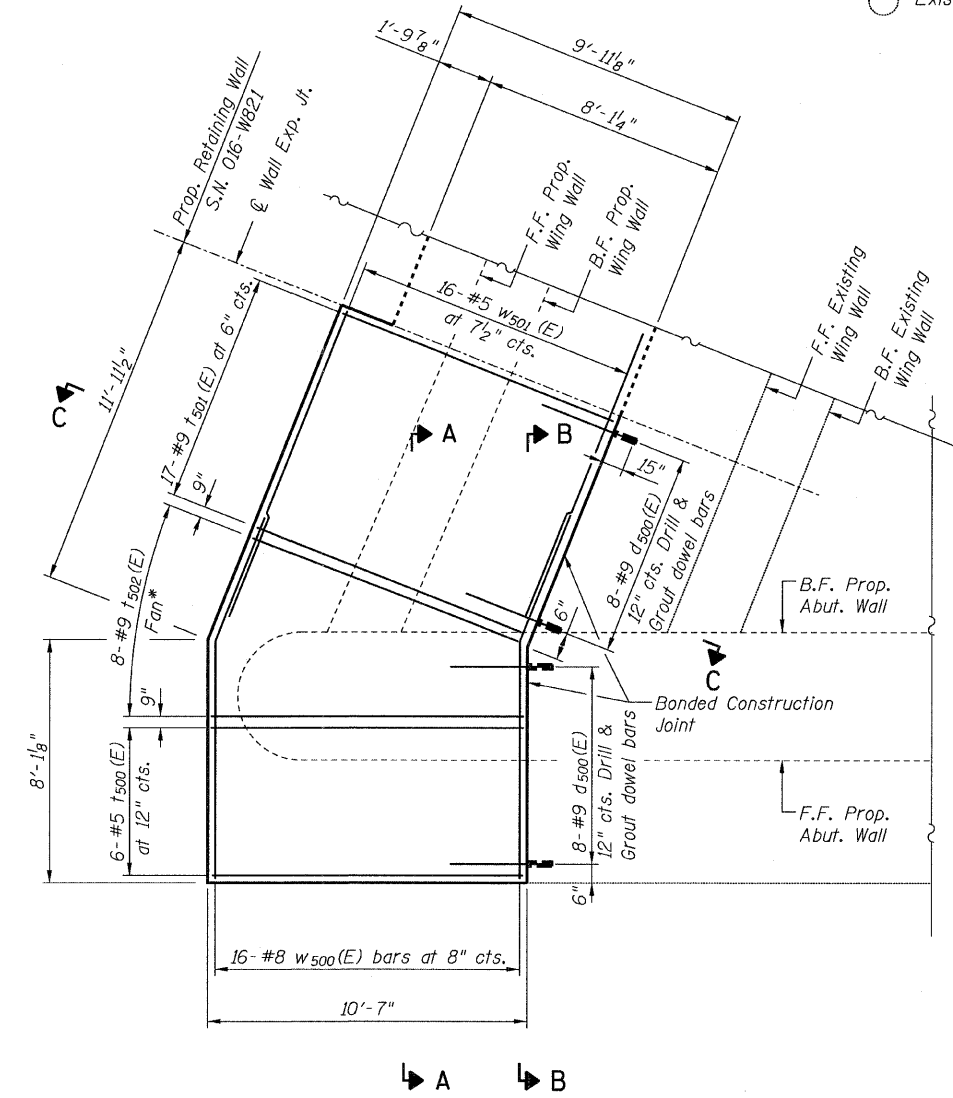
Type: 12" ϕ x 0.25" Wall
Nominal Required Bearing: 270 kips
Allowable Resistance Available: 90 kips
Estimated Length: 32 ft
No. Production Piles: 11
No. Test Piles: 1

Prop. Battered Pile, S. Abutment
S.N. 016-3241

Existing Pile



FOUNDATION PLAN - BOTTOM BARS
(East End Between Piles)



FOUNDATION PLAN - TOP BARS
(East End)

**SOUTH ABUTMENT WINGWALL
DETAILS & FOOTING PLAN
STRUCTURE NO. 016-3241**

TYLIN INTERNATIONAL	DESIGNED - MMB	REVISIONS		SHEET NO. 48	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	CHECKED - AMD,	NAME	DATE		55	0711.2R & 1011.1BR	COOK	741	301	
	DRAWN - MMB				CONTRACT NO. 60999					
	CHECKED - AMD,				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					
	DATE - 03/25/2011									

11:30:49 AM
p:\01345\structure\1_South_Approach_016-3241\1551sib3.dgn
4/28/2011