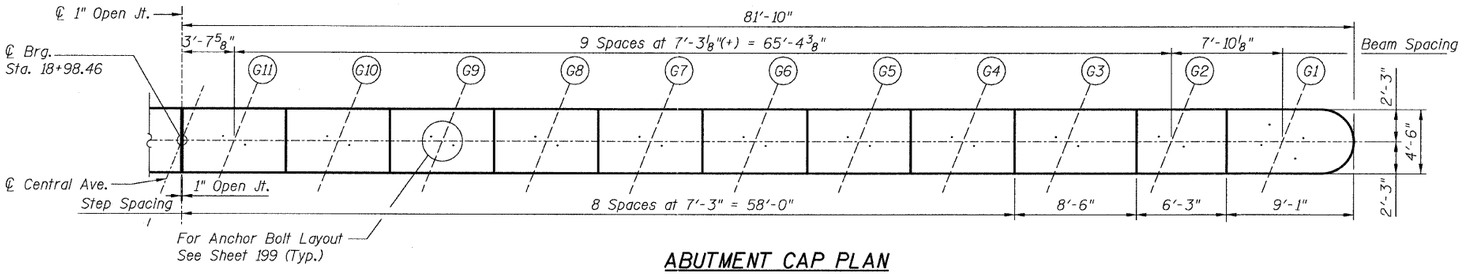
NOTES

1. Bars indicated thus 8x2-#10 indicates 8 lines of bars with two lengths per line.
2. Space reinforcement in cap to miss anchor bolts.
3. Space reinforcement in footing to miss piles.
4. Pour steps monolithically with cap.
5. Pile capacity of existing 12"ϕ timber piles is 20 tons.
6. For Sections A-A, B-B, C-C, D-D & E-E, see sheet 199.
7. For Bill of Materials, see sheet 199.
8. Work this sheet with sheets 198 & 199.
9. E.F - denotes Each Face.

* Cut to fit in field.

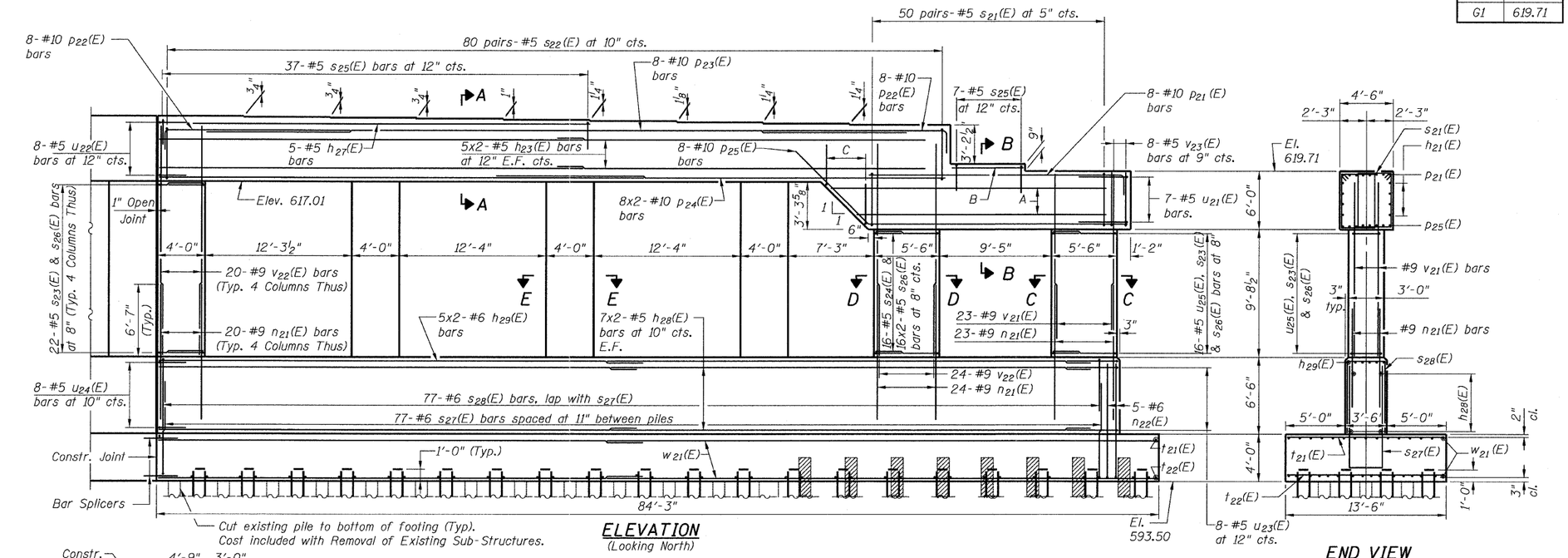
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ABUTMENT CAP PLAN

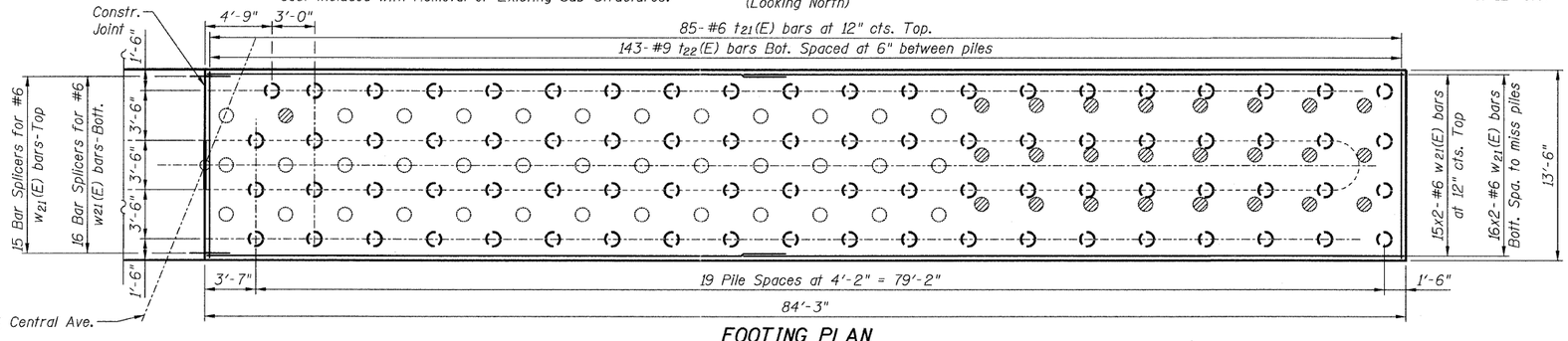
BRIDGE SEAT ELEVATIONS

Girder Line	Seat Elevation
G11	624.35
G10	624.28
G9	624.22
G8	624.16
G7	624.07
G6	623.97
G5	623.88
G4	623.77
G3	623.67
G2	620.46
G1	619.71



ELEVATION
(Looking North)

END VIEW
(East End)



FOOTING PLAN

PILE DATA

Type: 12" ϕ x 0.25" Wall
Nominal Required Bearing: 270 kips
Allowable Resistance Available: 90 kips
Estimated Length: 42 ft
No. Production Piles: 79
No. Test Piles: 1

- Proposed Pile
- Existing Pile to remain (Cut to bottom of footing)
- Existing Pile to be extracted

C. ABUT. 2 REPL.& WID.-EAST CENTRAL/I-55 STRUCTURE NO. 016-0724

TYLIN INTERNATIONAL

DESIGNED - MB	REVISIONS	
CHECKED - AMD.	NAME	DATE
DRAWN - MB		
CHECKED - AMD.		
DATE - 03/25/2011		

SHEET NO. 197
239 SHEETS

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	0711.2R & 1011.1BR	COOK	741	521
		CONTRACT NO. 60999		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

5/9/2011

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