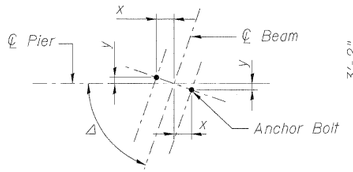
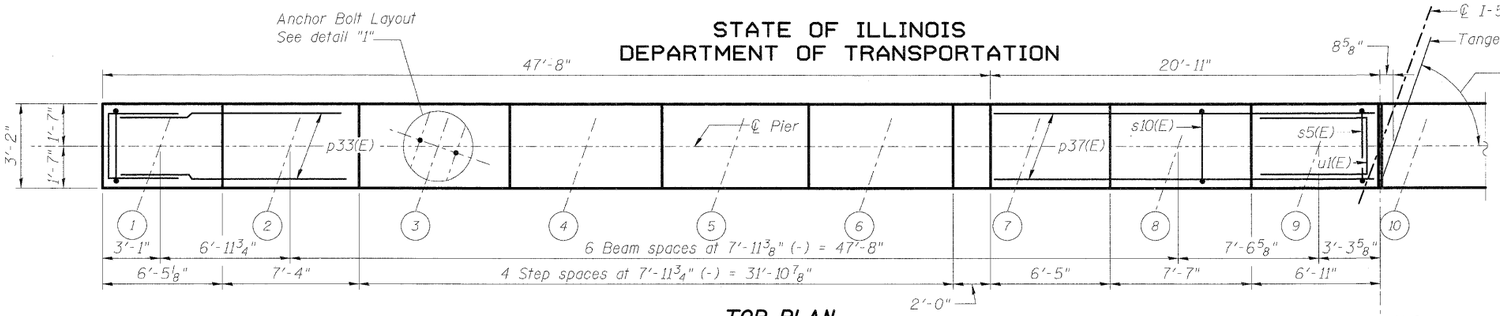
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

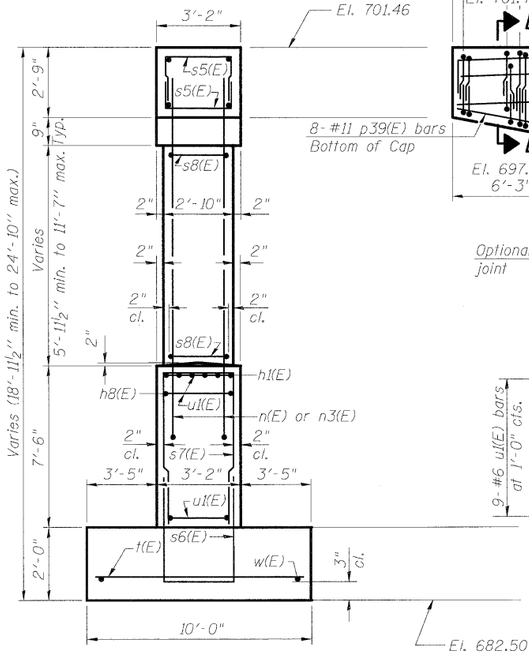


Beam No.	Δ	x	y
1	70°8'28.5"	11½"	4⅛"
2 thru 8	70°43'48"	11⅝"	4"
9	70°36'19.7"	11½"	4⅛"

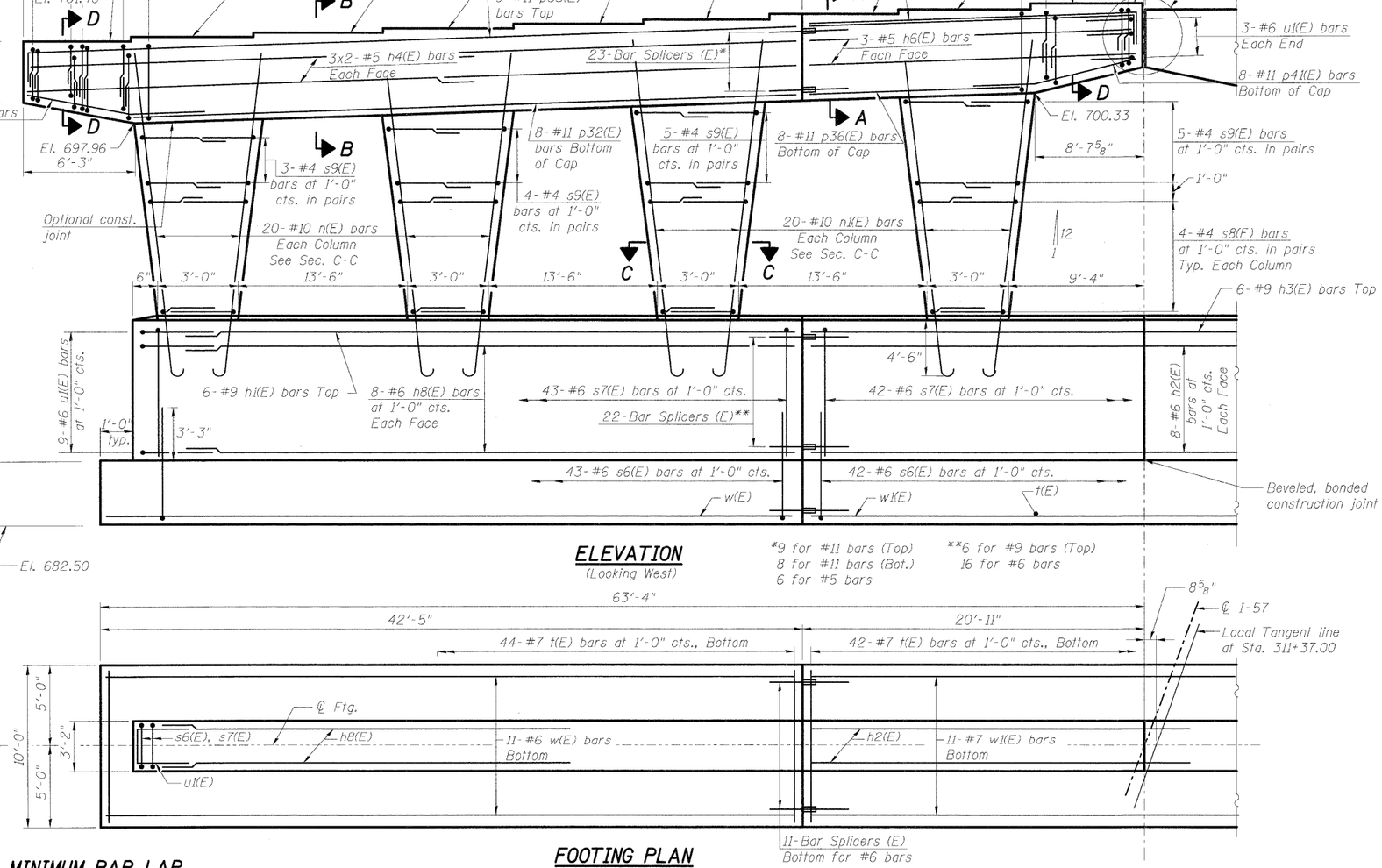
TOP PLAN



DETAIL "1"
ANCHOR BOLT LAYOUT



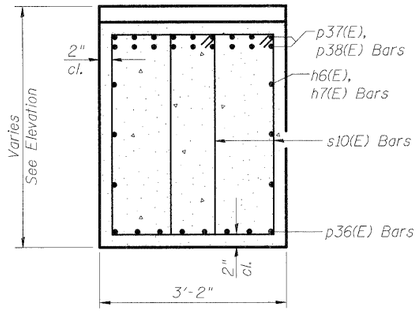
END VIEW



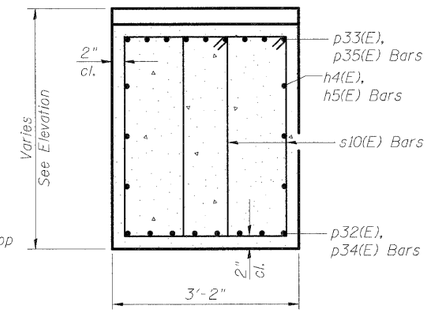
ELEVATION
(Looking West)

*9 for #11 bars (Top)
8 for #11 bars (Bot.)
6 for #5 bars

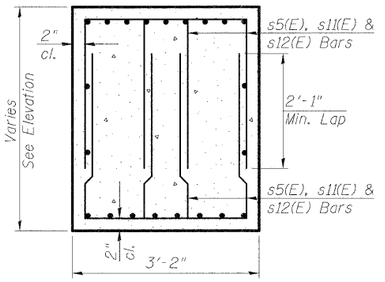
**6 for #9 bars (Top)
16 for #6 bars



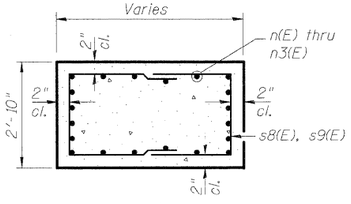
SECTION A-A



SECTION B-B



SECTION D-D
Typ. Each End



SECTION C-C

FOOTING PLAN
Maximum Applied Service Bearing Pressure = 3.71 ksf

MINIMUM BAR LAP

Top bars	(Pier) Other bars
#5 bar = 2'-11"	#4 bar = 2'-1"
	#6 bar = 3'-1"

Notes:
Space reinforcement in cap to miss anchor bolts.
Pour steps monolithically with cap.
For Bill of Material, see Sheet SH-44.

PIER 1 (SB)
STRUCTURE NO. 046-0144 (S.B.)
& STRUCTURE NO. 046-0145 (N.B.)

DESIGNED	PMH
CHECKED	MGB
DRAWN	PMH
CHECKED	MJL

McDonough Associates Inc.
Engineers / Architects
130 East Randolph Street
Chicago, Illinois 60601
(312) 946-8600

SHEET NO.	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SH-43	57	(46-2) HBR	KANKAKEE	558	314
SHEETS			CONTRACT NO. 66409		
SH-56	FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT		