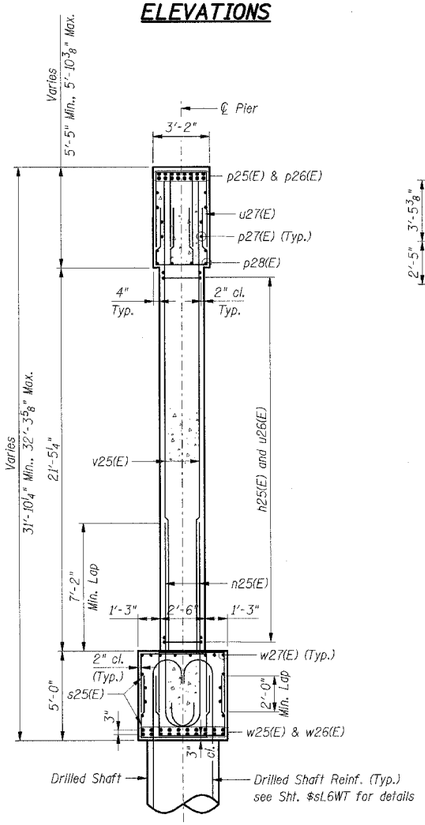
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	608	363
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

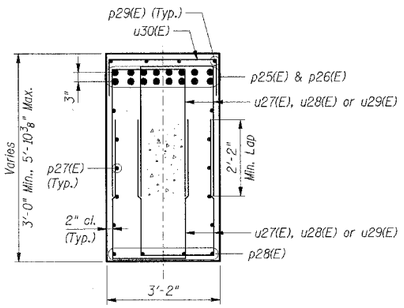
* (26, 26HB-1 & 114) R-2
CONTRACT NO. 60363

Girder	Elevation
1	617.30
2	617.21
3	617.12
4	617.03
5	616.94
6	616.86

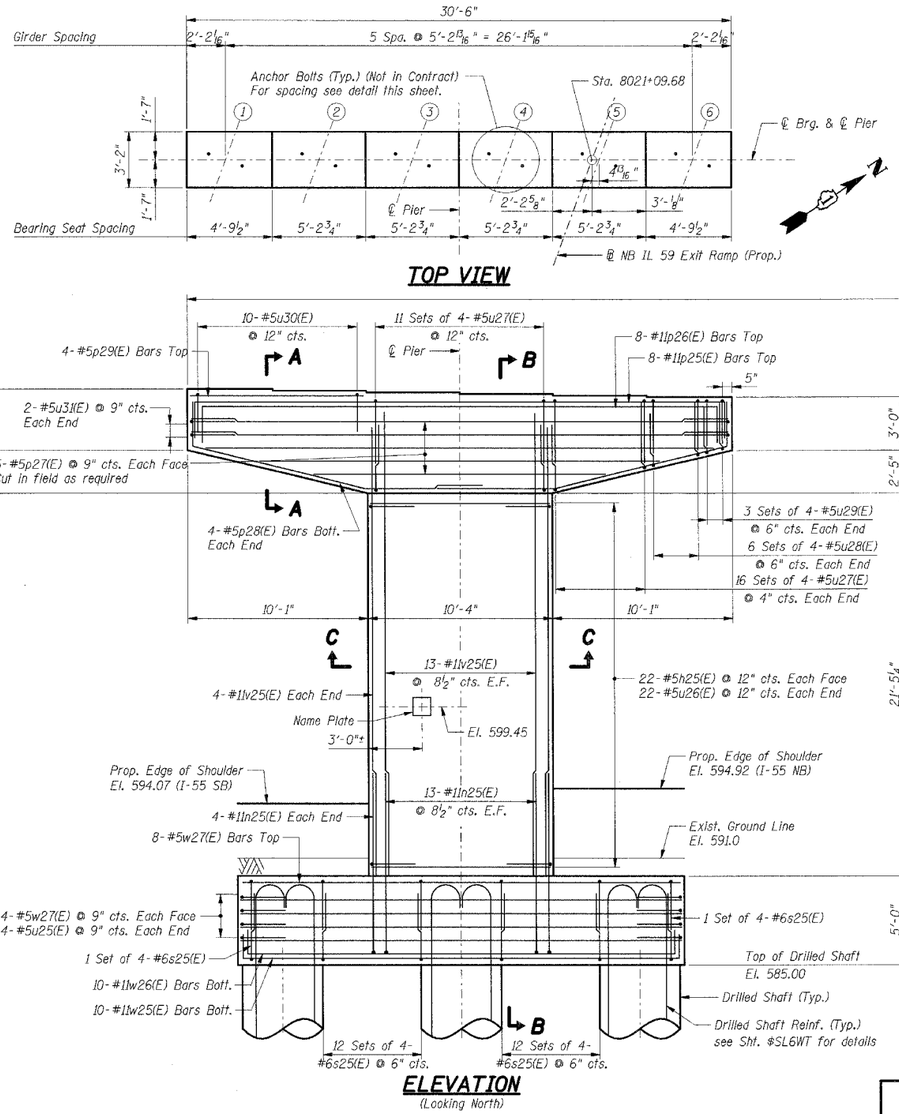
BEARING SEAT ELEVATIONS



SECTION B-B

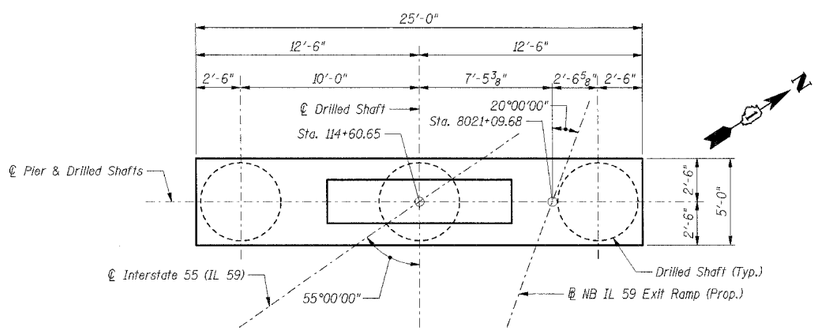


SECTION A-A

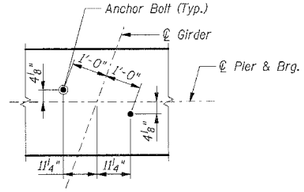


TOP VIEW

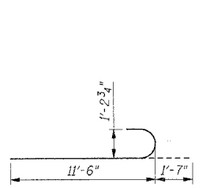
ELEVATION
(Looking North)



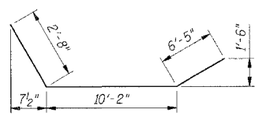
FOOTING PLAN



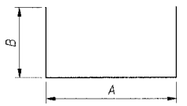
ANCHOR BOLT LAYOUT



Bar n25(E)



Bar p28(E)



Bar	A	B
p25(E)	30'-0"	2'-0"
p26(E)	29-6"	2'-0"
s25(E)	3'-9"	3'-4"
u25(E)	4'-6"	2'-5"
u26(E)	2'-2"	2'-5"
u27(E)	2'-1"	3'-8"
u28(E)	2'-1"	3'-0"
u29(E)	2'-1"	2'-8"
u30(E)	2'-10"	2'-0"
u31(E)	2'-8"	2'-5"
w25(E)	24'-6"	2'-0"
w26(E)	24'-0"	2'-0"

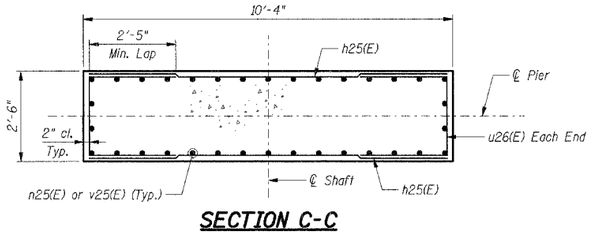
Bars

BAR LIST

Bar	No.	Size	Length	Shape
h25(E)	44	#5	10'-0"	—
n25(E)	34	#11	13'-1"	⊃
p25(E)	8	#11	34'-0"	⌊⌋
p26(E)	8	#11	33'-6"	⌊⌋
p27(E)	10	#5	30'-2"	—
p28(E)	8	#5	9'-3"	∨
p29(E)	4	#5	9'-8"	—
s25(E)	104	#6	10'-5"	⌊⌋
u25(E)	8	#5	9'-4"	⌊⌋
u26(E)	44	#5	7'-0"	⌊⌋
u27(E)	172	#5	9'-5"	⌊⌋
u28(E)	48	#5	8'-1"	⌊⌋
u29(E)	24	#5	7'-5"	⌊⌋
u30(E)	10	#5	6'-10"	⌊⌋
u31(E)	4	#5	7'-6"	⌊⌋
v25(E)	34	#11	26'-1"	—
w25(E)	10	#11	28'-6"	⌊⌋
w26(E)	10	#11	28'-0"	⌊⌋
w27(E)	16	#5	24'-8"	—

BILL OF MATERIAL

Item	Unit	Total
Structure Excavation	Cu Yd	58
Concrete Structures	Cu Yd	61.0
Reinforcement Bars, Epoxy Coated	Lbs	18,740
Concrete Sealer	Sq Ft	NONE



SECTION C-C

NOT IN CONTRACT
FOR INFORMATION ONLY

Notes:
1. Reinforcement bars designated (E) shall be epoxy coated.
2. Bars indicated thus: 4x2-#5 etc. indicate 4 lines of bars with 2 lengths per line.
3. Space reinforcement in cap to miss anchor bolts.
4. All edges shall have standard ¾" chamfers except as noted.
5. Pour steps monolithically with pier cap.
6. E.F. indicates Each Face.
7. For drilled shaft details, see Sht. S-3.

SHT. S-17 OF S-24

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 338 (ILLINOIS ROUTE 59)
IL ROUTE 59 OVER F.A.I. 55 (I-55)
SECTION (26, 26HB-1 & 114) R-2
STRUCTURE NUMBER 099-4642
STATION 8021+17.13, WILL COUNTY

PIER
(FOR INFORMATION ONLY)

DRAWN BY: TMH
DATE: 03/14/08 CHECKED BY: MDB

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
105 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE 312-616-0000

..\SBLOOSTY.DGN ..\GEOORY.DGN ..\PROOS&R.DGN ..\TTBOOPRHLDGN ..\PROOS_ID.DGN ..\TSLOOR(2.DGN ..\P-ROOYGT.DGN
3-13-2008, (220:36 T:\DOCUMENT\932730\STRUCT\DGN\PROOS_ID.DGN BORDER.JID
pen table: N/A color table: K:\STANDARDS\TENG\DATA\COLORTABLE.TBL