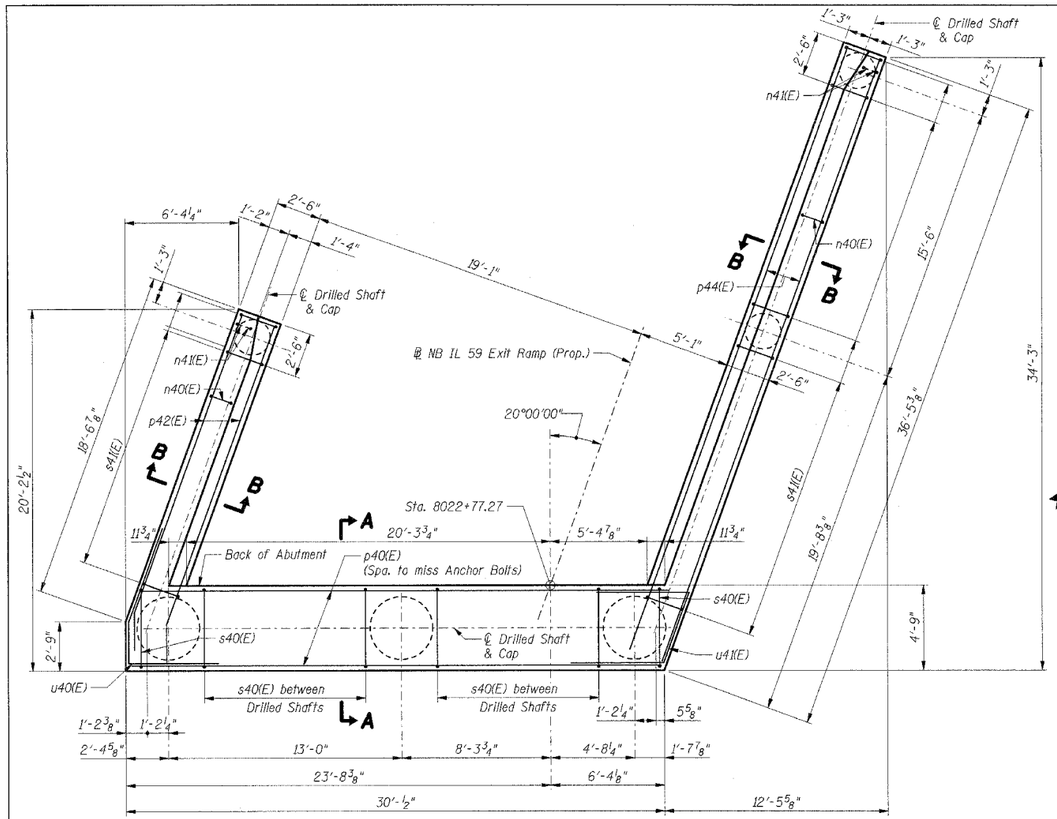
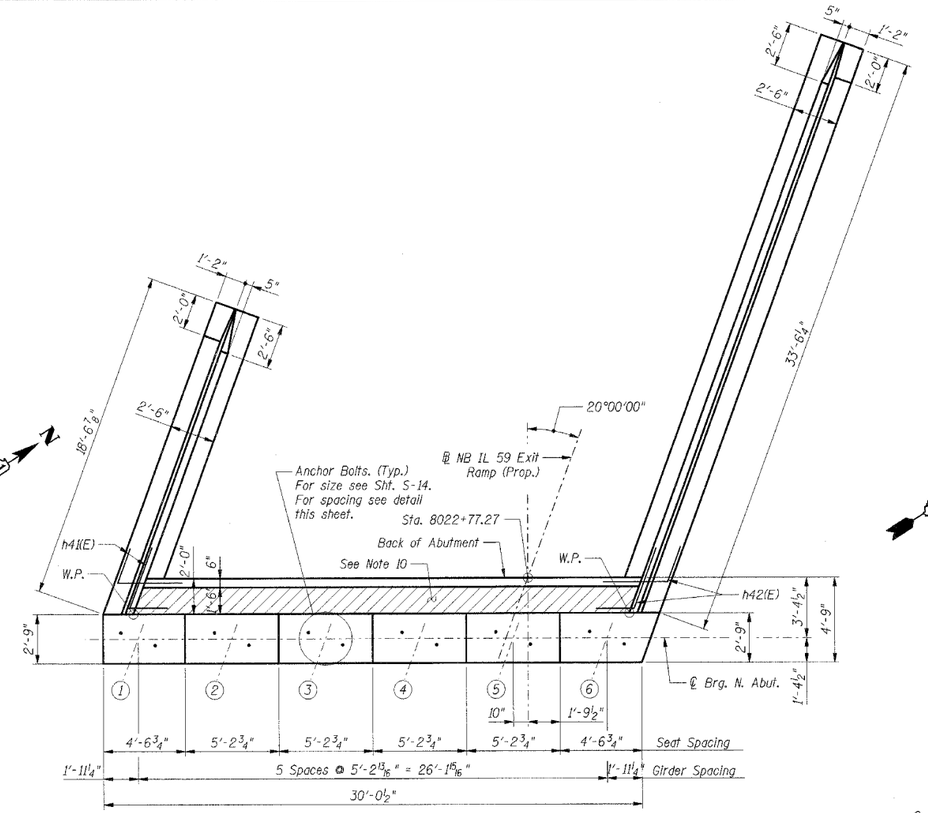
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	608	364
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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



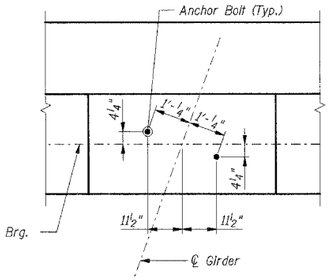
DRILLED SHAFT CAP PLAN



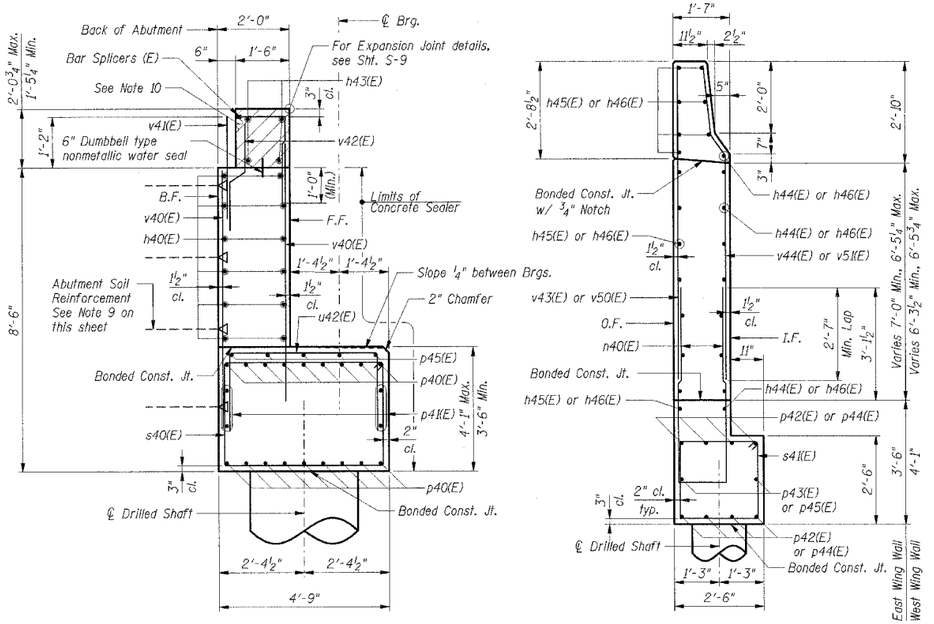
TOP VIEW

Girder	Elevation
1	616.95
2	616.83
3	616.72
4	616.60
5	616.48
6	616.37

BEARING SEAT ELEVATIONS

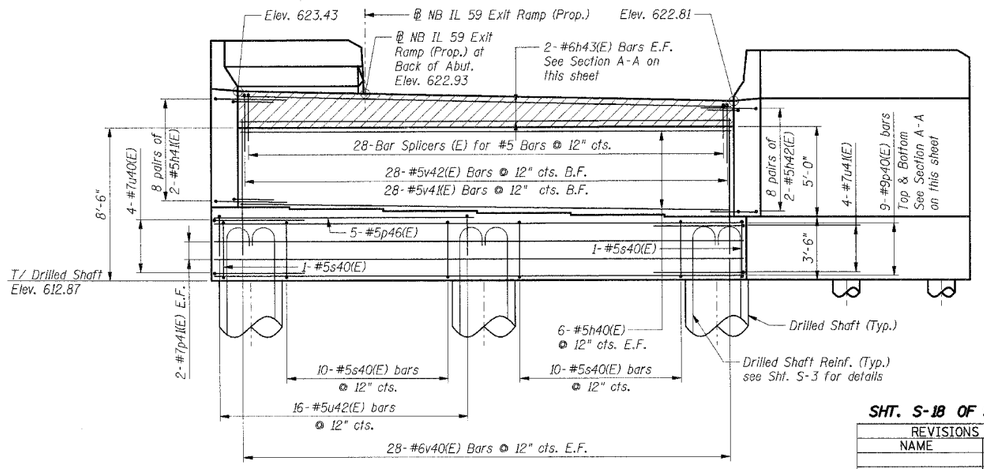


ANCHOR BOLT LAYOUT



SECTION A-A

SECTION B-B



ELEVATION
(Looking North)

Notes:

1. Work this Sheet with Sht. S-19.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. Bars indicated thus: 4x2-#5 etc. indicate 4 lines of bars with 2 lengths per line.
4. Space reinforcement in cap to miss anchor bolts.
5. All edges shall have standard ¾" chamfers except as noted.
6. Pour steps monolithically with cap.
7. F.F. indicates Front Face
   B.F. indicates Back Face
   E.F. indicates Each Face.
8. For Substructure Layout and Drilled Shaft details, see Sht. S-3.
9. M.S.E. Wall Supplier shall design and supply system to transfer earth pressure of 40 pcf equivalent fluid weight to the back of abutment and backwall, plus a longitudinal force of 15.5 k transmitted by the bearings applied to the bridge seats.
10. Hatched area to be poured after superstructure forms have been removed. Quantity of concrete included with Concrete Superstructure.

SHT. S-18 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

NORTH ABUTMENT
PLAN AND ELEVATION

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

TENG
TENG & ASSOCIATES, INC.
ENGINEERS & ARCHITECTS & PLANNERS
301 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312.616.0096

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