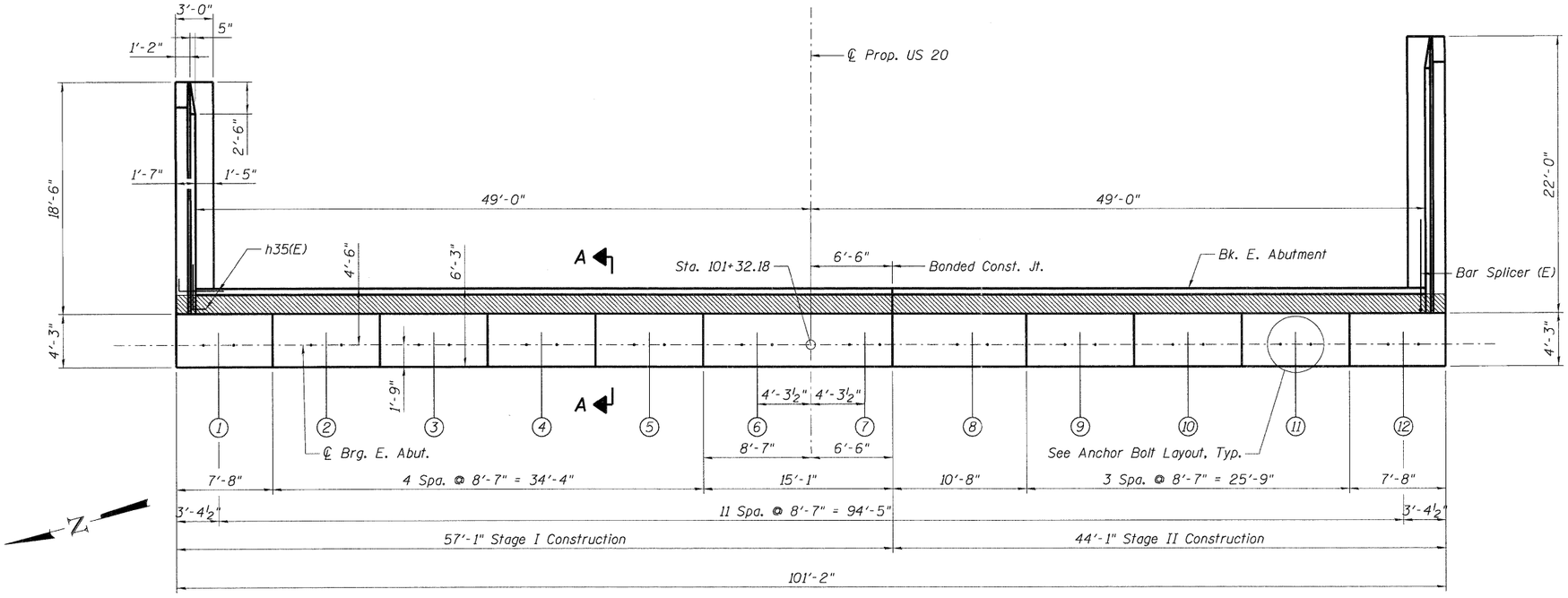
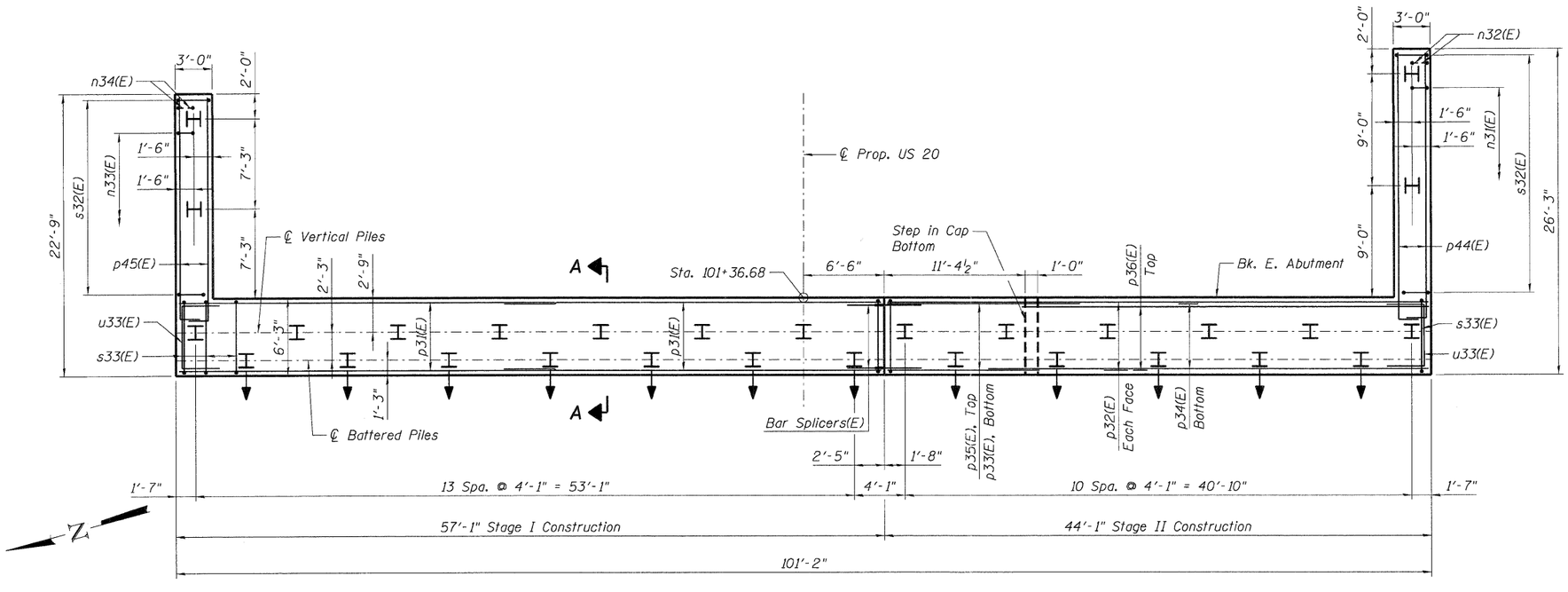
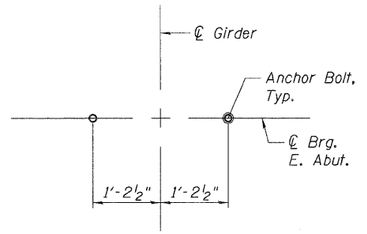


TOP VIEW



PLAN - E. ABUTMENT CAP



ANCHOR BOLT LAYOUT

BEARING SEAT ELEVATIONS

Girder	Elev.
1	843.29
2	843.52
3	843.74
4	843.96
5	844.18
6	843.95
7	843.95
8	844.18
9	844.40
10	844.62
11	844.85
12	845.07

PILE DATA

Type: Steel - HP14x73 with pile shoes
Nominal Required Bearing: 500 kips
Factored Resistance Available: 275 kips
Est. Length: 33'
No. Production Piles: 28
No. Test Piles: 1

Notes:

1. Work this sheet with Shts. S-47 & S-48.
2. Cast steps monolithically with cap.
3. Space top reinforcement in cap to miss anchor bolts.
4. Hatched area to be poured after superstructure false work has been removed. Quantity of concrete included with Concrete Superstructure.
5. End post shall be poured after bridge parapet is in place. Quantity of concrete included with Concrete Superstructure.
6. For Anchor Bolt and Bearing details, see Sht. S-41.
7. For Steel H-Pile and Concrete Encasement details, see Sht. S-55.
8. For Bar Splicer details, see Sht. S-54.
9. For Form Liner details, see Sht. S-56.
10. Cost of conduit is included in Concrete Superstructure.
11. Cost of anchor bolts for traffic barrier terminal connection is included in Concrete Superstructure.
12. E.F. = Each Face
    I.F. = Inside Face
    O.F. = Outside Face

\\9450877-60H45-002-ABUTMENT.DGN ..\ALLSNUM-60H45-001-BORDER.DGN ..\9450877-60H45-002-ABUTMENT.DGN
12-2-2011, 10:46:29 BAJZEK.KJ V:\5-2044\CAD\VAULT_TO_TRANS_07-2282-2137-P001\STRUCT\CAD\60H45\9450877\SHEET\9450877-60H45-205-ABUTMENT_SHT.DGN

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - PK	REVISED -
		DRAWN - PK	REVISED -
TENG TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - MDB	REVISED -
	PLOT DATE = $DATE$	DATE - 12/16/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
US 20 OVER MCLEAN BOULEVARD

EAST ABUTMENT
PLAN AND ELEVATION

SCALE: | SHEET NO. S-46 OF S-62 | STATION 98+32.18

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-R	KANE	794	518
	SN 045-0077	CONTRACT NO. 60H45		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		