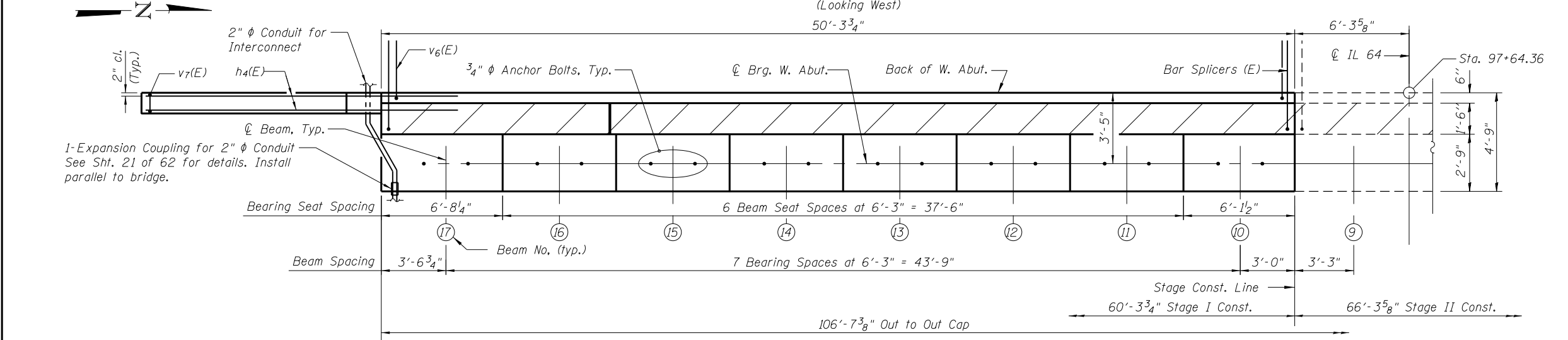
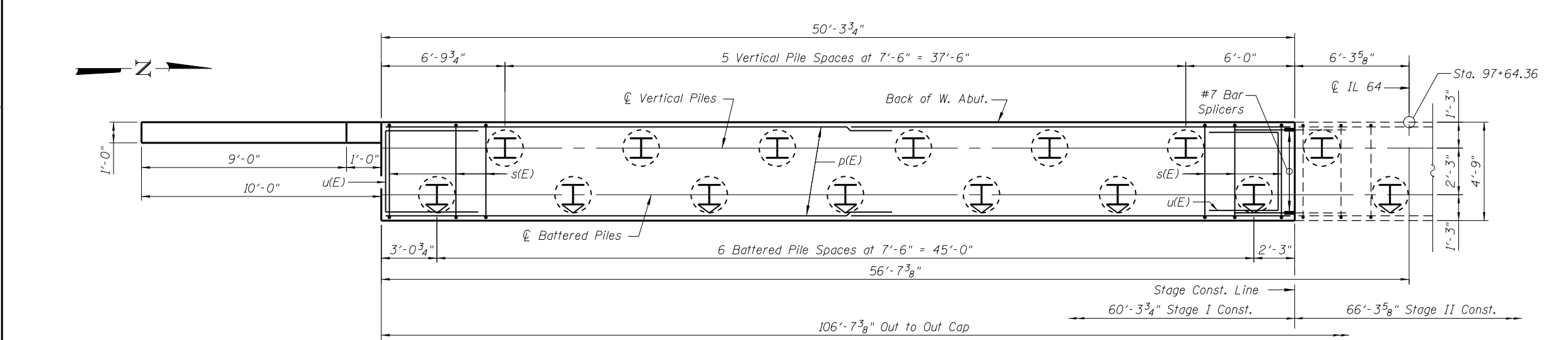


ELEVATION - STAGE I
(Looking West)



TOP VIEW - STAGE I



PLAN-PILE CAP - STAGE I

BEARING SEAT ELEVATIONS - STAGE I

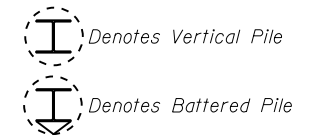
Beam No.	℄ Brg.
9	625.49
10	625.39
11	625.30
12	625.20
13	625.10
14	624.98
15	624.85
16	624.74
17	624.65

MINIMUM BAR LAP

- #5 bars = 2'-3"
- #6 bars = 2'-8"
- #7 bars = 4'-8"

PILE DATA - STAGE I

Type: HP 12x53 with Pile Shoes
 Nominal Required Bearing: 292 kips
 Factored Resistance Available: 161 kips
 Est. Length: 35'
 No. Production Piles: 12
 No. Test Piles: 1



- Notes:
- See Sheet 30 of 62 for Expansion joint details.
 - See Sheet 52 of 62 for details of piles and Concrete Encasement.
 - Hatched area to be poured after Superstructure falsework has been removed. Concrete quantity is included with Concrete Superstructure.
 - Pour steps monolithically with cap.
 - Space reinforcement to miss anchor bolts.
 - See Sheet 39 of 62 for anchor bolt layout and Section Thru Abutment.
 - F.F. denotes Front Face.
 - B.F. denotes Back Face.
 - E.F. denotes Each Face.

FILE NAME = W:\191-130-100T-IL64\CADD_Sheets\Structure\1160J11-Str-31.W-Abut.dgn

Bollinger, Lach & Associates, Inc.
 ITASCA, ILLINOIS

USER NAME =	DESIGNED - JMT	REVISED
PLOT SCALE =	CHECKED - JJI	REVISED
PLOT DATE = 8/16/2013	DRAWN - GM	REVISED
	CHECKED - JJI	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WEST ABUTMENT - STAGE I
STRUCTURE NO. 016-3035
 SHEET NO. 37 OF 62 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	541Y-3-B	COOK	143	98
CONTRACT NO. 60J11				
ILLINOIS FED. AID PROJECT				