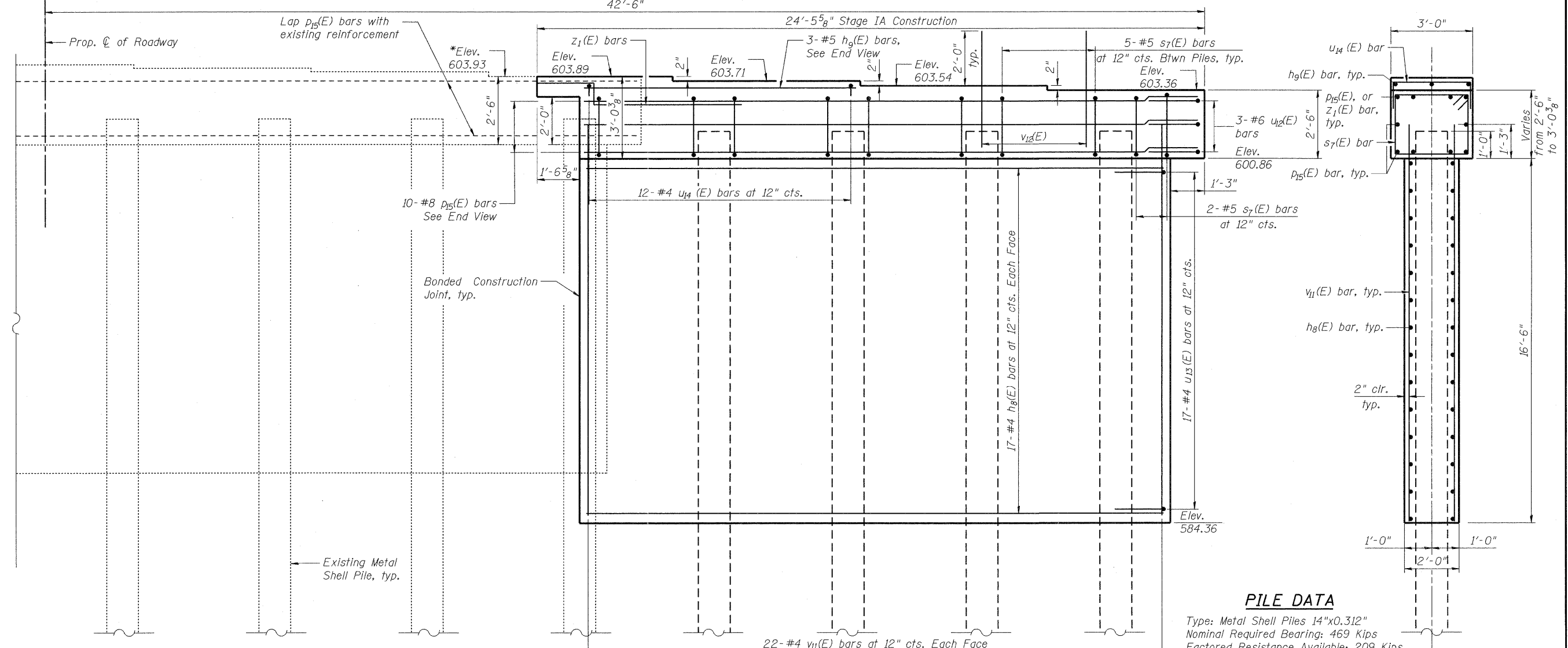
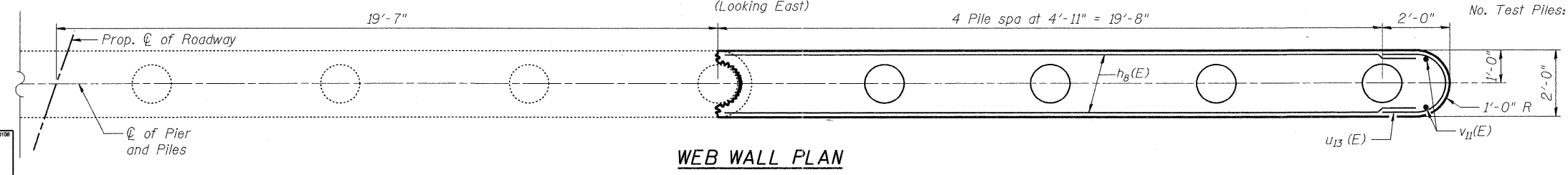


Notes:
 Space reinforcement in cap to miss anchor bolts. Pour steps monolithically with cap.
 For details of piles, see sheet S-39. Existing reinforcement shall be cleaned and incorporated into the new construction. Cost included with Concrete Removal.
 See sheet S-5 and S-6 for Concrete Removal details.
 See sheet S-17 for details related to anchor bolts.



* Elevations based on Existing Plans by Hazelet & Endal, Inc. Contractor to verify in field.

PILE DATA
 Type: Metal Shell Piles 14"x0.312"
 Nominal Required Bearing: 469 Kips
 Factored Resistance Available: 209 Kips
 Est. Length: 35 Ft.
 No. Production Piles: 3
 No. Test Piles: 1



SEC Group, Inc.
 An HR Owen Company
 420 N. Front Street
 Moline, IL 60050-2138
 1-815-385-1778 F. 815.386.1781
 www.secgroup.com

PB Americas, Inc.
 230 WEST MONROE STREET,
 SUITE 900
 CHICAGO, IL. 60606

USER NAME = whood
 DESIGNED - JPG
 CHECKED - SSM
 DRAWN - WJH
 CHECKED - RGD

DESIGNED -
 REVISIONS -
 REVISIONS -
 REVISIONS -
 REVISIONS -

PLOT SCALE =
 PLOT DATE = 10/14/2011

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PIER 2
 STRUCTURE NO. 047-0051
 SHEET NO. S-37 OF S-43 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	14BR-1	KENDALL	429	287
			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				