Notes: Pour steps monolithically with cap. For details of piles see sheet S-39, Existing reinforcement shall be cleaned and incorporated into the new 4'-7⁵8" 4'-104" 5'-0" construction. Cost included with Concrete Removal. — Measured along Back of Abutment Elev. 607.14 All concrete edges shall have standard $^3\!_4$ " chamfer. Fan 5-#5 h₂(E) bars Each Face See sheet S-5 and S-6 for Concrete Removal details. 2'-6" Bend in field as required Min. 4-#7 p₄(E) bars 6-#7 p₅(E) bars — *Elev. 603.35 See Sec. Thru Abut. (Trim to Fit) $-v_4(E)$ — Exist. Abutment — Elev. 603.22 -Prop. € of --- Elev. 603.36 --- Elev. 603.29 Roadway -Bonded Construction Joint #6 4-#5 h₂(E) bars at ___ -*Elev. ±600.16 12" cts. Each Face - Elev. 599.72 2'-1⁵8" (Measured along € of Abutment) Optional Construction Joint — Prop. Metal Shell Pile, 1-#5 s₅(E) bar — Existing Metal Shell Pile, typ. 11-#5 v₅(E) bars at 12" cts. Each Face (See Field Cutting Diagram) $Lap_{p_4}(E)$ bars and 5-#5 s4(E) $-p_5(E)$ bars with exist. bars at ±10½ typ. 2-#5 s₄(E) barsreinforcement cts., typ. btwn piles Recommended Test Pile Location Stage IA Construction * Elevations based on Existing Plans by **ELEVATION** Hazelet & Endal, Inc. Contractor to verify in field. (Looking East) 32'-378" 14'-5⁷8" 16′-11³₄" 13-#5 v4(E) bars <u>at 12" cts</u>. 2 Beam spa at 4'-8'₄" = 9'-4⁵₈" 19'-11'8" (Measured along € of Abutment) - h₂(E) g" at Bk of East Abut. measured perpendicular to 18°53′3 € Exist. --- © Beam B © Beam 1 **├**— ℚ Beam A proposed ₤) Skew Beam typ. -Back of Abutment Fxist. C of @ Abut Back of Abut. Roadway and Piles Sta. 21+29.79 (E) 4-#5 v4(E) 3-#5 V4(E) bars — Bonded Prop. Metal. bars at 12" cts. at ±12" cts. Shell Pile, typ. Construction Front Face typ. btwn beams Joint of Abutment Prop. & of Roadway 19'-1³8" 2 Pile spa. at 5'-0" = 10'-0"

SEC Group, Inc.

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USER NAME = whood DESIGNED - JPG REVISED CHECKED -SSM REVISED PLOT SCALE = DRAWN WJH REVISED CHECKED REVISED

MIN. BAR LAP #5 bar 2'-11" #8 bar 4'-8"

> STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

PLAN

15'-418"

Stage I Construction

COUNTY TOTAL SHEET NO. F.A.P. RTE. SECTION **EAST ABUTMENT** 591 KENDALL 429 280 14BR-1 STRUCTURE NO. 047-0051 CONTRACT NO. 66985 SHEET NO. S-30 OF S-43 SHEETS ILLINOIS FED. AID PROJECT

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PB Americas, Inc. SUITE 900