STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION 87'-2" out to out 39'-7" Stage II 47'-7" Stage I ± 11" tyρ. — Stage Construction Line (match wearing surface) ightharpoonup AHatched area indicates existing Bridge concrete backwall removal -Full depth sawcut for smooth vertical face, typ. Repair existing cracks with Epoxy-Crack Injection, typ. \downarrow_A 87'-2" out to out ELEVATION - REMOVAL AND REPAIR (LOOKING EAST) 39'-7"_Stage_II 47'-7" Stage I 88-#4 u(E) bars at 12" cts. Parapet on approach slab, See sheet S9 of S15, typ. © Bridge 4'-0" Top of wall to match roadway cross slope r**≯**B ½" (min.) PJF. typ. $\blacktriangleright B$ 3-#6 h(E) bars,--3-#6 h_I(E) bars, each face —3 Bar Splicers (E) for #6 bars, each face BAR U(E) each face PROPSED ELEVATION (LOOKING EAST) Hatched area indicates Hatched area to be poured after Concrete Wearing Surface is in place. To be paid Existing P.C.C. Pavement & Bituminous Wearing Surface to be removed (See Roadway Plans) Concrete Removal Removal of existing BILL OF MATERIAL for as Concrete Superstructure Superstructures Approach Slab No. Size Length Shape u(E)h(F)#6 47'-1" ---#6 П #4 ies ±1'-−h(E) or $h_1(E)$ Existing vertical reinforcement Cu, Yd, 5.5 Cu, Yd, 6.5 to be reused Concrete Superstructure #5 v(E) at 12" cts. -Epoxy Crack Injection Foot 92 drill and epoxy grout Reinforcement Bars, Pound 1180 poxy Coated Existing vertical reinforcement to be reused SECTION A-A <u>NOTES</u> Existing reinforcement shall be cleaned, straightened (if required) and incorporated SECTION B-B into the new construction. Cost included with Concrete Removal. Existing reinforcement bars which have lost 25% or more of their original diameter EAST ABUTMENT DETAILS shall be supplemented by new epoxy coated bars of the same diameter. New bars DESIGNED -SLV STRUCTURE NO. 016-2514 shall be drilled and epoxy grouted in place adjacent to the original bars, as directed by the Engineer. CHECKED MJM TOTAL SHEET SHEETS NO. F.A.U. Drilling and epoxy grouting of reinforcement bars shall be in accordance with Article SECTION COUNTY DRAWN 584 of the Standard Specifications. SHEET NO. S14 Removal of the exisitng joint system is included with Concrete Removal 1320 581 B-1 COOK 33 25 1560 WALL ST, SUITE 222 CHECKED - MJM NAPERVILLE, ILLINOIS 60563 PH: (630) 577-9100 OF S15 SHEETS CONTRACT NO. 60F91 D-91-288-09 FED. ROAD DIST. NO. _ | ILLINOIS | FED. AID PROJECT