STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION 87'-2" out to out 39′-7" <u>Stage II</u> 47'-7" Stage I ± 11" typ. Stage Construction Line – (match wearing surface) Hatched area indicates existing concrete backwall removal Full depth sawcut for smooth vertical face, typ. \downarrow A -Repair existing cracks with Epoxy Crack Injection, typ. 87'-2" out to out ELEVATION - REMOVAL AND REPAIR 47'-7" Stage I (LOOKING WEST) 39'-7" Stage II Parapet on approach slab,-See sheet S9 of S15, typ. 88-#4 u(E) bars at 12" cts. Top of wall to match : roadway cross slope $\blacktriangleright B$ -#6 h(E) bars, 3-#6 $h_I(E)$ bars,-each face 3 Bar Splicers (E) for — #6 bars, each face BAR U(E) PROPOSED ELEVATION (LOOKING WEST) Hatched area indicates Concrete Removal 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) Removal of existing BILL OF MATERIAL for as Concrete Superstructure Superstructures Approach Slab Remove existing beam dowels to flush with seat Length Shape u(E) #6 #6 #4 -h(E) or Existing vertical reinforcement 5,5 6.5 Concrete Remova to be reused Concrete Superstructure Cu. Yd. 69 #5 v(E) at 12" cts. Epoxy Crack Injection drill and epoxy grout 1180 Pound Existing vertical reinforcement to be reused SECTION A-A <u>NOTES</u> Existing reinforcement shall be cleaned, straightened (if required) and incorporated into the new construction. Cost included with Concrete Removal. SECTION B-B Existing reinforcement bars which have lost 25% or more of their original diameter WEST 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 CHECKED F.A.U. TOTAL SHEET SHEETS NO. Drilling and epoxy grouting of reinforcement bars shall be in accordance with Article 584 of the Standard Specifications. SECTION COUNTY RTE. SHEET NO. S13 DRAWN CONSULTING ENGINEERS

Removal of the exisitng joint system is included with Concrete Removal

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FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT

D-91-288-09

OF S15 SHEETS

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CONTRACT NO. 60F91

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