FAP 330, SECTION COUNTY FAI 90/94 2004-124I COOK 36 16 SHEET 8 OF 11 **CONTRACT NO. 62603**  $122'-6'_2$ " end to end abutment  $38'-7^{5}_{8}$ " NW & SE,  $37'-10^{7}_{8}$ " NE & SW Stage II Removal Existing Retaining Wall 102'-0"min. out to out deck 23'-0" Stage I Removal Symm. about 22'-0" min. Stage II Removal VARIES © END OF BRIDGE Rdwy US 12/ 45 & Median except as noted 39'-0" min. MEDIAN REMOVAL 1/2" BITUMINOUS 1'-0" 2-10'-0" Stage I Traffic Lanes 20' 0" min. Perpendicular to @ Rdwy CONCRETE REMOVAL (DECK) 34" DECK Temp. Bridg SCARIFICATION →3 studs @ 9" cts existing -2 shear W21 X 82 9 W24 X 130 studs 8 & VARIES refer ( Typ. Except as noted) ∅ 9" c†s (13): existing (14): 4'-7'2" SE & NW 3'-11 " SW & NE 2'-9<sup>5</sup>8" Along © Bearing 6 Beam Spaces ◎ 7'-6<sup>1</sup>2'' = 45'-3" SW & NE SE & NW 10'-7<sup>5</sup>8" NW & SE SECTION E-E 9'-1078" NE & SW (SHOWING CONCRETE REMOVAL) \*\* 123 #5 v,(E) bar @ 12" cts 39'-1<sup>5</sup>8" NW & SE Existing Retaining Wall 38'-47<sub>8"</sub> NE & SW Symm. about US 12/45 22'-6" Stage I Construction Stage II Construction € Rdwy & Median except as noted 2-0'-0" Stage II Traffic Lanes = 20'-0" TRAFFIC DRUMS 22'-6" min Stage II Construction Lane Varies at End of Bridge 2-#5 b2(E) bars bott. b1(E) · b<sub>1</sub>(E) 6-#5 b<sub>p</sub>(E) bars © 12" cts bott.of slab (typ. btwn beams of slab @ 12" cts (typ) b (E) Bonded 24" LATEX MODIFIED except as noted) CONCRETE OVERLAY g., \$5.5  $\left| \frac{2^{v}-7^{u}}{LAP} \right|^{(TYP)}$ -----4-#5 b4(E) bars <u>4</u>-#5 b<sub>4</sub>(E) 2'-8 " (TYP) 2X2-#6 m<sub>2</sub>(E) bars @ 12" cts bars, bottom of 2-#6 m<sub>3</sub>(E) bars 2x2-#6 m,(E) 2x2-#6 m<sub>4</sub>(E) (front face, thru Ι" φ slab (Typ) (Front face thru 1 "  $\phi$ 6-#5 s(E) bars 12" cts 4-#5 s(E) bars 🛭 12" cts (front face) (front face) hole In beams) @ 12" cts & 6-#5 v(E) bars\*\* & 4-#5 v(E) bars\*\* hole in beam ( 1A or 14A) 4x2-#6 m,(E) each side lap w/ **©**12" cts (Ea. Face) @12" cts (Éa. Face) (back face) 4x2-#6 m<sub>4</sub>(E) each (tvp. btwn beams  $m_{\rho}(E)$ bars each side) 2X2-#6 m (E) bars (back face) beam) except as shown) (front face, thru 1" \$\phi\$ Fan 8-#5 s(E) bars 👁 hole in beam) 11" cts & #5 v(E) bars\*\* SECTION E-E 🔘 ±11" cts (8- Front Face, All dimensions are perpendicular to 🕻 rdwy 9-Back Face) (SHOWING CONCRETE REPLACEMENT) REVISIONS NAME except as noted. ILLINOIS DEPARTMENT OF TRANSPORTATION DATE \* Existing reinforcement bars extending into the Fan 4-#5 s<sub>1</sub> (E) bars ± 10" cts & removal area shall be cleaned, straightened and Bars indicated thus 4X2 #6 etc. #5 v(E) ±10 " cts (4- Front incorporated into the new construction. BRIDGE PLAN indicates 4 lines of bars with Face, 3- Back Face) LOC 1: US 12/ 45 OVER IL 64 2 lengths per line. \*\* Epoxy grout #5 v(E) &  $v_I$ (E) bars in  $^78'' \phi$  drilled holes. See Std. Specs. Cost included SN 016-0336 with Reinforcement Bars, Epoxy Coated. SCALE: VERT. DATE 4/18/2005 CHECKED BY 4/18/2005 :Bprojects&m111903&m111903aa.m32