STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

ROUTE NO. TOTAL SHEET NO. F.A.I. 80 59 BUREAU 116

SHEET NO. 10

29 SHEETS

Contract #66623 * (06-1, 2)RS-3, I

FED. ROAD DIST. NO. 7

remainder of bars in opposite end. Aluminum sheeted construction 878" 151-#5 d₁(E) bars at 11" cts. median parapet 151-#5 d2(E) bars at 11" cts. out side parapet 184 Bar Splicers(E) 9" cts. Top 166 Bar Splicers(E) 10" cts. Bottom 1-#5 a₆(E) bar Top & Bottom 170-#5 a(E) bars at 9" cts. Top 153-#5 a₁(E) bars at 10" cts. Bottom * 14-#5 a(E) bars at 9"cts. Top * 13-#5 a₁(E) bars at 10" cts. Bottom -@ Pier 1 (Pier 2 Similar) Roadway and
And
Roadway and Stage Construction Line Back of Abut. A * 11- #5 a₃(E) bars at 9"cts. Top * 10-<u>#5 a4(E) bars</u> 14'-6" 13'-6" 173-#5 a₃(E) bars at 9" cts. Top with bar 156-#5 a4(E) bars at 10" cts. Bottom Splicers(E) 2-#6 b1(E) bars Top of slab 92-#6 a₂(E) bars at 18" cts. Top (Lap with alternate a(E) or a₃(E) bars 3 x 5-#5 b(E) bars Top of slab 43'-10¹8" Span 1 & 3 50′-2″ Span 2

PARTIAL PLAN

137'-10'4" end to end deck

u(E)-Hatched area to be poured after For details of expansion © 50°F superstructure forms have been joint, see sheet 14 of 29. removed. Quantity of concrete as(F) or as(F)included with Concrete -b(E) -a(E) or $a_3(E)$ Superstructure. Approach. ____ or a4(E) - b2(E) Bar Splicer(E) -Existing vertical reinforcement over abutment backwall shall be cleaned and € Brg. Back of Abut. incorporated into the new construction. Cost included with concrete removal. 6^{l}_{4} " 5^{l}_{2} " Measured along

SECTION A-A

Min. Bar Lap #5 bar 1′-8″

Notes: See Sheet 12 of 29 for superstructure details and Bill of Material. Bars indicated thus 20 x 3-#5 etc. indicates 20 lines of bars with 3 lengths per line. See Sheet 12 of 29 for parapet reinforcement.

43'-2" out to out deck 40'-0" face to face parapets 1'-7" 6'-0" Shoulder 10'-0" Shoulder 12'-0" Lane 12'-0" Lane slope 2% slope 1.5% slope 2% slope 1.5% d(E)Total drop =458" Total drop =35g' d(E)Stage Construction Line -- b(E) $d_1(E)$ Stage II Construction Stage I Construction - a₂(E) a2(E) b(E) $b_1(E)$ b2(E)a4(E) -2-#5 b₂(E) bars bo(F) 4-#5 b2(E) bars 4-#5 b2(E) bars 9"_ between beams between beams 4 Spaces @ 5'-3" = 21'-0" 3 Spaces @ 5'-0" = 15'-0" NEAR MIDSPAN NEAR PIER

CROSS SECTION

WESTBOUND SUPERSTRUCTURE PLAN & CROSS SECTION F.A.I. 80 (I-80) OVER COAL CREEK SECTION (06-1, 2)RS-3, I BUREAU COUNTY



SN 006-0007 (EB) SN 006-0008 (WB) STA. 202+80

DESIGNED JKC CHECKED JLS DRAWN NOE CHECKED JKC

* Order a(E), a1(E), a3(E), & a4(E) bars full length. Cut to fit skew and use