

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	*	LASALLE	53	16
FED. ROAD DIST. NO. 7		ILLINOIS	PROJECT	BRS-1365(11)

*05-00626-00-BR CONTRACT #87368

CH 33 * LASALLE 53
 FED. ROAD DIST. NO. 7 ILLINOIS PROJECT BRS-136
 *05-00626-00-BR CONTRACT #87366

185-#5 $d_1(E)$ bars at 11" cts.
 Bend 3-#5 $d_1(E)$ bars
 To Fit Taper (Typ.)

6'-11" 7'-0" 11" Aluminum sheeted construction
 joints in base of parapet 7'-0" 6'-11"

1'-7" 1'-2" 5" 1'-2" 1" (Typ.)

1-#5 $a_3(E)$ bar
 Top & Bottom

Back of
 W. Abut.

257-#5 $a(E)$ bars at 7" cts. Top
 179-#5 $a_1(E)$ bars at 10" cts. Bottom

35'-2" out to out deck

32'-0"

31-#6 $b_1(E)$ bars at 12" cts.
 Top of slab over pier

30° Skew

32x4-#5 $b(E)$ bars equally spaced at 12" cts.
 Top of slab

31x5-#5 $b_2(E)$ bars spaced as shown in
 cross section. Bottom of slab

31-#6 $b_1(E)$ bars at 12" cts.
 Top of slab over pier

14'-9" 11'-6"

146-#6 $a_2(E)$ bars at 1'-2" cts. Top
 (Lap with $a(E)$ bars)

2-#6 $b_1(E)$ bars
 Top of slab

3 x 4-#5 $b(E)$ bars
 Top of slab

2-#6 $b_1(E)$ bars
 Top of slab

56'-8" 56'-0" 56'-8"

169'-4" end to end deck

34-#5 $a(E)$ bars at 7" cts. Top
 *25-#5 $a_1(E)$ bars
 at 10" cts. Bottom

*34-#5 $a(E)$ bars
 at 7" cts. Top

34-#5 $a(E)$ bars at 12" cts. (See Sh. #18 of 22)

34-#5 $a(E)$ bars at 12" cts.

Back of
 E. Abut.

MIN. BAR LAP
#5 = 1'-8" (Longitudinal)

Technical drawing of a bridge deck cross-section. The drawing shows a 35'-2" wide deck with 32'-0" face-to-face parapets. The deck is supported by 5 beam spaces at 6'-0" intervals, totaling 30'-0". The deck is constructed with a 36" PPC I-Beam (Typ.) and an 8" slab. The total drop is 3 1/8". The deck is reinforced with 5 x 5-#5 bars at 1'-1" cts. typ. between beams. The drawing includes various dimensions and labels for reinforcement bars (a1(E), a2(E), b1(E), b2(E), d1(E), d2(E)) and structural components (Profile Grade, 1.5% slope, 2.0% slope, 10" Typ. spacing).

NEAR MIDSPAN

SUPERSTRUCTURE