ELEVATION
Looking East

6"

Parapet Railing
Post Spacing

4 Spaces at 8'-7¼" = 34'-5"   2'-0"   9 Spaces at 9'-9½" = 88'-1½"   2'-0"   See sheet SB-9 for spacing

4- #5 d(E) bars at 11" cts.

3'-0"   17'-1"   11'-7¼"   2 Spaces at 20'-0" = 40'-0"   2 Spaces at ±16'-11¼" = 33'-10⅝"   4 Spaces at 16'-5" = 65'-8"

Parapet joing spacing measured along B.F. of parapet

4" PJS. See S.N. 081-0176 plans

20- #5 d(E) bars at 11" cts.   57- #5 d(E) bars at 11" cts.   38- #5 d(E) bars at 11" cts.   72- #5 d(E) bars at 11" cts.

7- #4 e₁₁(E) bars See Section thru Parapet

*7- #4 e₄(E) bars See Section thru Parapet

*7- #4 e₁₇(E) bars See Section thru Parapet

*7- #4 e₁₅(E) bars (Typ. 2 panels) See Section thru Parapet

Full height parapet joint (typ.)

*7- #4 e₅(E) bars (Typ. 2 panels) See Section thru Parapet

*7- #4 e₁₉(E) bars (Typ. 4 panels) See Section thru Parapet

½" cork joint, typ.

2'-10" (Parapet)

1- #8 e₁₂(E) bar (F.F.)

*1- #8 e₁₀(E) bar (F.F.)   *1x2- #8 e₉(E) bar (F.F.)   *1- #8 e₂₄(E) bar (F.F.)   *1x2- #8 e₇(E) bar (F.F.)

1- #4 e₁₁(E) bar (B.F.)

a₅(E)   *1- #4 e₄(E) bar (B.F.)   *1x2- #4 e₈(E) bar (B.F.)   a₄(E)   *1- #4 e₂₃(E) bar (B.F.)   *1x2- #4 e₆(E) bar (B.F.)

1'-3"   c(E)   a₁(E)   1'-3"

10"   1'-0"

Bridge Approach Slab Footing See S.N. 081-0176 Plans

Bridge Approach Slab See S.N. 081-0176 Plans

b₄(E)   b₃(E)   ¾" Transverse Expansion Joint (typ. unless otherwise noted)   a₃(E)   b₂(E)   2" Transverse Expansion Joint   b₅(E)

³⁄₁₆" x 1" deep sawcut contract. joint in moment slab only at each parapet joint (typ.) See Note 7.

PLAN ← Z →

27- #5 a₄(E) bars at 8" cts. (Top)
27- #5 a₁(E) bars at 8" cts. (Top)
27- #5 a₃(E) bars at 8" cts. (Bot.)

16'-6¾"

PT Sta. 526+79.73 See Roadway Plans for shoulder geometry

52'-7⅞"

PC Sta. 527+29.73 See Roadway Plans for shoulder geometry

Sta. 527+60.85 Offset 22.11' Rt.

PC Sta. 527+79.73 See Roadway Plans

Sta. 528+21.93 Offset 23.48' Rt.

Begin Moment Slab Sta. 526+63.52 Offset 10.00' Rt.

Begin Moment Slab Sta. 526+60.51 Offset 13.00' Rt.

See Detail A

Bridge Approach Slab

Begin Moment Slab Sta. 526+60.39 Offset 17.83' Rt.

*20- #4 b₄(E) bars See Section B-B

Sta. 526+79.73 Offset 10.00' Rt.

80- #5 a₄(E) bars at 8" cts. (Top)
80- #5 a₁(E) bars at 8" cts. (Top)
80- #5 a₃(E) bars at 8" cts. (Bot.)

Sta. 527+30.44 Offset 16.87' Rt.

32'-2⅛"

→ B

52- #5 a₄(E) bars at 8" cts. (Top)
52- #5 a₁(E) bars at 8" cts. (Top)
52- #5 a₃(E) bars at 8" cts. (Bot.)

64'-1⅞"

99- #5 a₄(E) bars at 8" cts. (Top)
99- #5 a₁(E) bars at 8" cts. (Top)
99- #5 a₃(E) bars at 8" cts. (Bot.)

3'-0" (parapet)   1'-1"   7'-1"

*20x3- #4 b₅(E) bars See Section B-B

¾" V-grooved joint

Sta. 528+21.76 Offset 31.06' Rt.

See Sheet SB-9

*20x2- #4 b₃(E) bars See Section B-B

Longitudinal Const. Joint

*20- #4 b₂(E) bars See Section B-B

20- #5 d₃(E) bars at 11" cts.

57- #5 d₃(E) bars at 11" cts.

Sta. 526+79.73 Offset 17.58' Rt.

38- #5 d₃(E) bars at 11" cts.

72- #5 d₃(E) bars at 11" cts.

17'-1"   3'-0⅛"   ℄ Exp. Jt.

Light Pole Base. See detail on Sheet SB-13. (typ)

51'-7¼"   Sta. 527+28.66 Offset 24.22' Rt.

Sta. 527+60.21 33'-10⅝" Offset 29.66' Rt.

**24'-3¾"

65'-8"

PC Sta. 528+02.85 See Roadway Plans for shoulder geometry

Frame and Grate. For additional Reinforcement, see details on Sheet SB-12.

100'-0" Along ℄ 41st Dr. Connector

℄ Exp. Jt.   ℄ Exp. Jt.

DETAIL A

5- #5 a₅(E) bars at 8" cts. (Top)

3'-0⅛"

8- #4 b₁(E) bars See Section C-C

Bridge Approach Slab

3'-0"   1'-7"

4- #5 d₂(E) bars at 11" cts.

5- #5 c(E) bars at 8" cts., both sides

C ←   C ←

MIN. BAR LAP

#4 bar = 2'-11"
#8 bar = 6'-9"

NOTES:

1. Bars indicated thus 7x2-#5 etc. indicates 7 lines of bars with 2 lengths per line.
2. F.F. = Front Face & B.F. = Back Face.
3. For Sections B-B & C-C, see Sheet SB-12.
4. For Section thru Parapet, Bar Diagrams and Bill of Materials, see Sheet SB-14.
5. For Parapet Joint details, see Sheet SB-12.
6. For Expansion Joint details, see Sheet SB-12.
7. For Transverse Contraction Joint details, see Sheet SB-13.

* Bend and cut in field as required.

**Measured along back face of parapet.

USER NAME = rdanley				
DESIGNED - SMY	REVISED - Addendum 1 8/15/2013	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WEST MOMENT SLAB PLAN & ELEVATION (1 OF 3) STRUCTURE NO. 081-7003	
CHECKED - BWS	REVISED -			
PLOT SCALE = 13:4 'ɪ' / in.	DRAWN - SRG	REVISED -		
PLOT DATE = 8/15/2013	CHECKED - BWS	REVISED -	SHEET NO. SB-8 OF SB-21 SHEETS	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(142-1)R-1 and 142-1HB	ROCK ISLAND	507	350
		CONTRACT NO. 64B84		
	ILLINOIS FED. AID PROJECT			