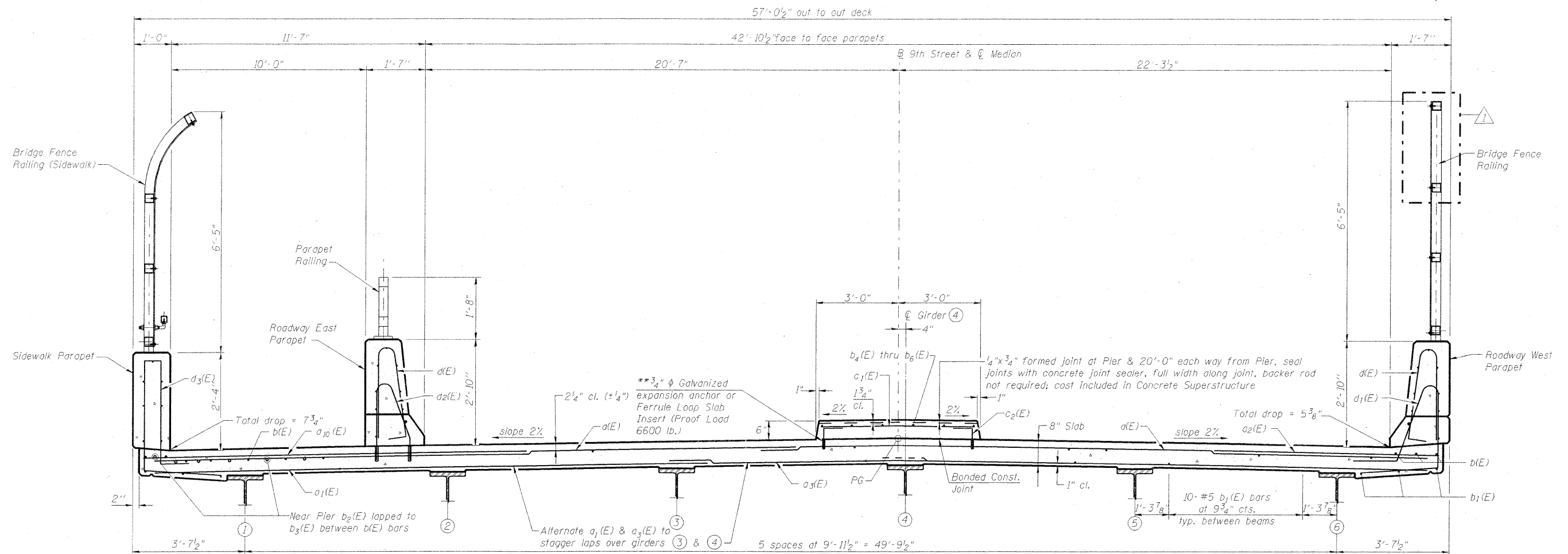


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



See Sht. S18 & S19 of S36 for Bridge Fence Railing on Roadway West Parapet & Sidewalk Parapet and Sht. S20 of S36 for Parapet Railing on Roadway East Parapet

\*\* The cost of expansion anchors / inserts is included in the cost of Reinforcement Bars. Epoxy Coated.

**DECK CROSS SECTION**  
(Looking South)

Note:  
Reinforcement bars designated (E) shall be epoxy coated.  
Reinforcement bars shall not pass thru aluminum sheets and cork joint filler.  
See Lighting Plans for lighting beneath deck.

**MINIMUM BAR LAP**

(Superstructure)  
#4 bar = 2'-7"  
#5 bar = 3'-3"  
#6  $b_2(E)$  &  $b_3(E)$  = 3'-10"  
#6 m-series = 4'-5"  
#8 bar = 6'-9"

**DECK CROSS REFERENCES SEE:**

Deck Plan and Pouring Sequence - Sht. S9 of S36  
Parapet Sections, Elevations, Joints & Details - Sht. S11 to S13 of S36  
Integral Abutment Diaphragm Detail - Sht. S14 of S36  
Reinforcement Schedules & Bill of Material - Sht. S15 of S36

**DECK CROSS SECTION**  
**STRUCTURE NO. 082-0326**

| SHEET NO. S10       | F.A.I. RTE.                | SECTION                   | COUNTY             | TOTAL SHEETS | SHEET NO. |
|---------------------|----------------------------|---------------------------|--------------------|--------------|-----------|
| 64                  | 82-1-3HB, 82-2N, 82-1-12RS | ST. CLAIR                 | 352                | 212          |           |
| S36 SHEETS          | F.A.U. 9166 / F.A.U. 9180  |                           | CONTRACT NO. 76C51 |              |           |
| FED. ROAD DIST. NO. |                            | ILLINOIS FED. AID PROJECT |                    |              |           |

**AECOM**

303 East Wacker Drive, Suite 600  
Chicago, Illinois 60601  
Ph: 312.938.0300  
Fax: 312.373.6806  
www.aecom.com

|                 |
|-----------------|
| DESIGNED - P.JL |
| CHECKED - DDB   |
| DRAWN - BRD     |
| CHECKED - DDB   |
| 03/31/2011      |

FILED  
DATE

Revised 10/31/11 D.D.B.