



**MIN. BAR LAP**

#4 = 1'-8"  
#5 = 2'-2"  
#8 = 4'-6"

**SUPERSTRUCTURE BILL OF MATERIAL**

| Bar                              | No. | Size     | Length  | Shape |
|----------------------------------|-----|----------|---------|-------|
| a(E)                             | 730 | #5       | 41'-0"  | —     |
| a1(E)                            | 548 | #5       | 40'-8"  | —     |
| a2(E)                            | 730 | #6       | 4'-6"   | —     |
| a3(E)                            | 8   | #5       | 23'-0"  | —     |
| b(E)                             | 585 | #5       | 37'-2"  | —     |
| b1(E)                            | 210 | #6       | 43'-0"  | —     |
| b2(E)                            | 504 | #5       | 34'-8"  | —     |
| d(E)                             | 996 | #5       | 3'-0"   | —     |
| d1(E)                            | 996 | #5       | 2'-5"   | —     |
| d2(E)                            | 996 | #4       | 3'-0"   | —     |
| d3(E)                            | 996 | #4       | 3'-9"   | —     |
| e(E)                             | 48  | #4       | 28'-10" | —     |
| e1(E)                            | 96  | #4       | 31'-0"  | —     |
| e2(E)                            | 120 | #4       | 10'-0"  | —     |
| e3(E)                            | 16  | #8       | 30'-2"  | —     |
| e4(E)                            | 32  | #8       | 32'-3"  | —     |
| e5(E)                            | 40  | #8       | 10'-0"  | —     |
| e6(E)                            | 16  | #5       | 29'-0"  | —     |
| e7(E)                            | 32  | #5       | 31'-1"  | —     |
| e8(E)                            | 40  | #5       | 10'-0"  | —     |
| x(E)                             | 78  | #5       | 4'-1"   | —     |
| Reinforcement Bars, Epoxy Coated |     | Pound    | 135,270 |       |
| Concrete Superstructure          |     | Cu. Yds. | 596.4   |       |

Reinforcement bars designated (E) shall be epoxy coated.  
Bars indicated thus 1 x 2 - #5 etc. indicates 1 line of bars with 2 lengths per line.

**SUPERSTRUCTURE DETAILS**  
**U.S. ROUTE 136 OVER LAMOINE RIVER**  
**F.A.P. RTE. 315 SECTION 34-4B-1**  
**HANCOCK COUNTY**  
**STATION 1153+07.72**  
**STR. NO. 034-0508 (WBL)**

**HUTCHISON ENGINEERING, INC.**  
**JACKSONVILLE, ILLINOIS**  
Date: January 31, 2006

|          |        |
|----------|--------|
| DESIGNED | J.O.H. |
| CHECKED  | B.R.T. |
| DRAWN    | T.A.C. |
| CHECKED  | J.O.H. |