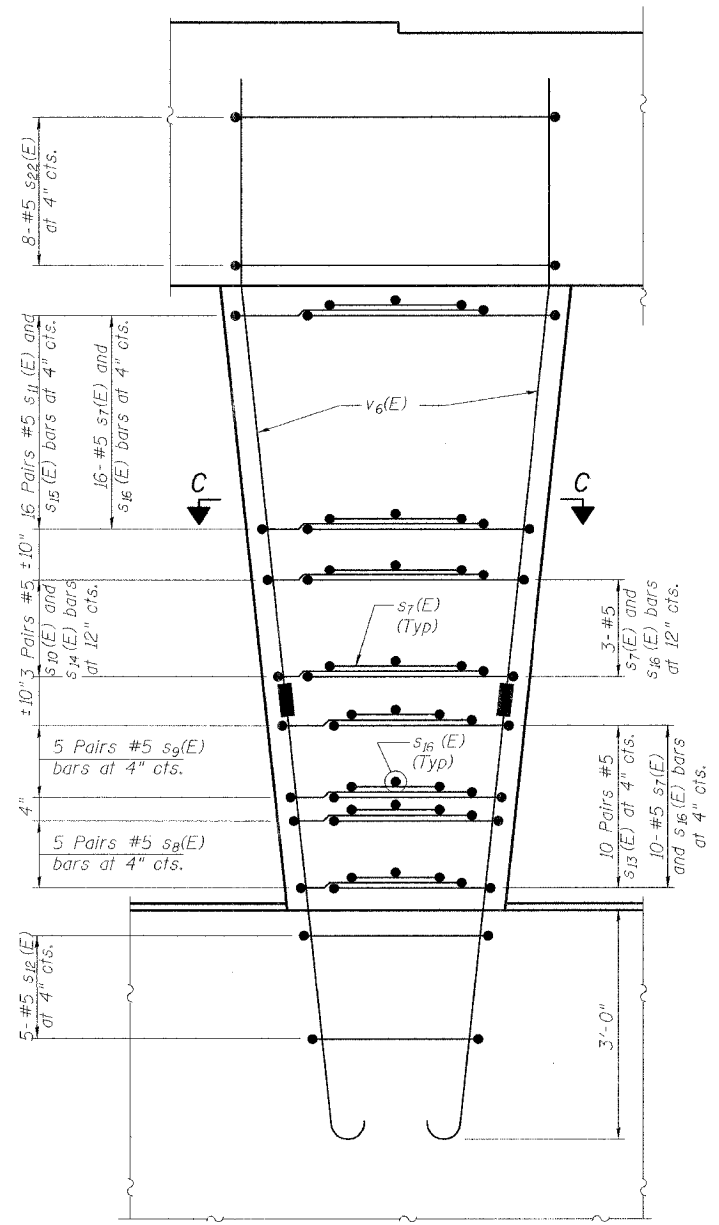


**SECTION C-C**  
\* Alternate 90° hook of  $s_{16}(E)$  bar. Place 90° hook in opposite face every other bar.



**COLUMN REINFORCING**

**MIN. BAR LAPS**  
#5 - 2'-2"  
#6 - 2'-7"  
#7 - 3'-5"

**BILL OF MATERIAL**

| Bar                              | No. | Size    | Length  | Shape |
|----------------------------------|-----|---------|---------|-------|
| $h_1(E)$                         | 3   | #5      | 6'-2"   | —     |
| $h_2(E)$                         | 4   | #5      | 38'-2"  | —     |
| $h_3(E)$                         | 5   | #6      | 28'-2"  | —     |
| $h_4(E)$                         | 30  | #5      | 28'-2"  | —     |
| $n(E)$                           | 60  | #9      | 8'-3"   | U     |
| $p_1(E)$                         | 7   | #10     | 38'-2"  | —     |
| $p_2(E)$                         | 14  | #10     | 15'-10" | —     |
| $p_3(E)$                         | 6   | #6      | 38'-4"  | —     |
| $s_4(E)$                         | 21  | #5      | 13'-1"  | □     |
| $s_5(E)$                         | 32  | #5      | 7'-5"   | □     |
| $s_6(E)$                         | 12  | #5      | 6'-8"   | □     |
| $s_7(E)$                         | 87  | #5      | 8'-11"  | □     |
| $s_8(E)$                         | 30  | #5      | 8'-0"   | □     |
| $s_9(E)$                         | 30  | #5      | 8'-6"   | □     |
| $s_{10}(E)$                      | 18  | #5      | 9'-0"   | □     |
| $s_{11}(E)$                      | 96  | #5      | 10'-0"  | □     |
| $s_{12}(E)$                      | 15  | #5      | 10'-7"  | □     |
| $s_{13}(E)$                      | 60  | #5      | 3'-2"   | └     |
| $s_{14}(E)$                      | 18  | #5      | 3'-6"   | └     |
| $s_{15}(E)$                      | 96  | #5      | 3'-11"  | └     |
| $s_{16}(E)$                      | 87  | #5      | 3'-2"   | └     |
| $s_{17}(E)$                      | 32  | #5      | 8'-6"   | □     |
| $s_{18}(E)$                      | 38  | #6      | 7'-10"  | □     |
| $s_{19}(E)$                      | 38  | #7      | 22'-6"  | □     |
| $s_{22}(E)$                      | 24  | #5      | 14'-7"  | □     |
| $t(E)$                           | 36  | #7      | 8'-8"   | —     |
| $t_1(E)$                         | 30  | #5      | 8'-8"   | —     |
| $u_2(E)$                         | 6   | #6      | 9'-8"   | □     |
| $u_3(E)$                         | 7   | #4      | 6'-0"   | □     |
| $v_5(E)$                         | 30  | #8      | 4'-2"   | U     |
| $v_6(E)$                         | 60  | #9      | 11'-2"  | —     |
| $w(E)$                           | 20  | #5      | 29'-2"  | —     |
| Structure Excavation             |     | Cu. Yd. | 100.0   |       |
| Rock Excavation for Structures   |     | Cu. Yd. | 4.9     |       |
| Concrete Structures              |     | Cu. Yd. | 79      |       |
| Reinforcement Bars, Epoxy Coated |     | Pound   | 16,710  |       |
| Mechanical Splice                |     | Each    | 60      |       |

Reinforcement Bars designated (E) shall be epoxy coated.

THOUVENOT, WADE & MOERCHEN, INC.



|          |         |
|----------|---------|
| DESIGNED | BWP     |
| CHECKED  | ALN     |
| DRAWN    | KBF     |
| CHECKED  | ALN/BWP |

PIER 1 DETAILS  
MORGAN AVE. OVER I-57  
FAI ROUTE 57 - SECTION (X1-6-2)HBK  
WILLIAMSON COUNTY  
STATION 34+69.21  
STRUCTURE NO. 100-0092