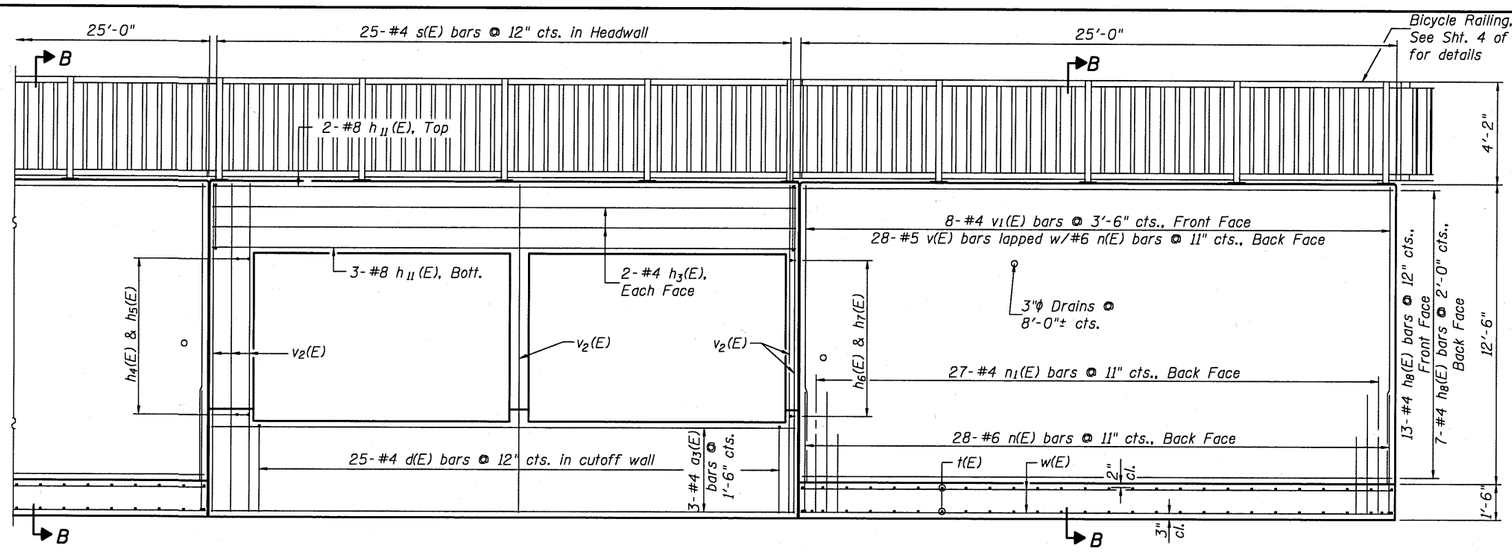
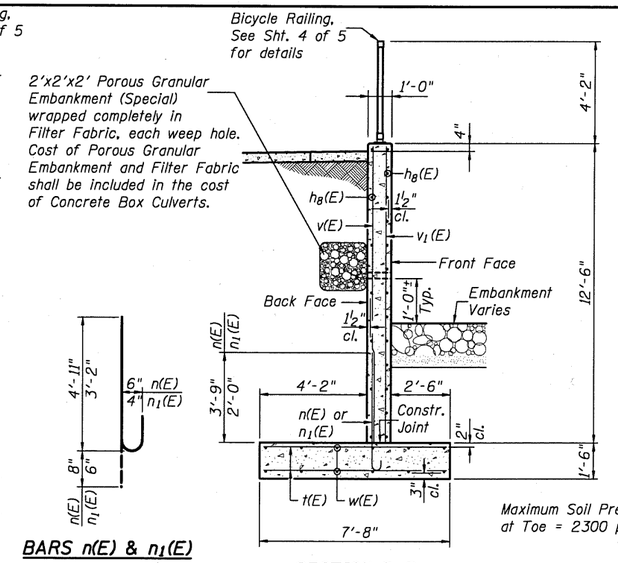
03_dets_5648-6.dgn JAN. 6, 2010



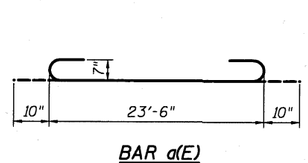

## ELEVATION



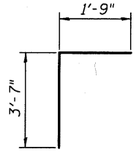

## SECTION B-B



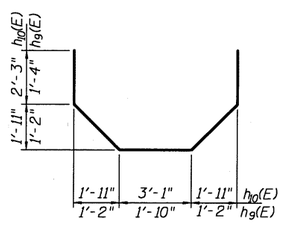

## BARS n(E) & n1(E)



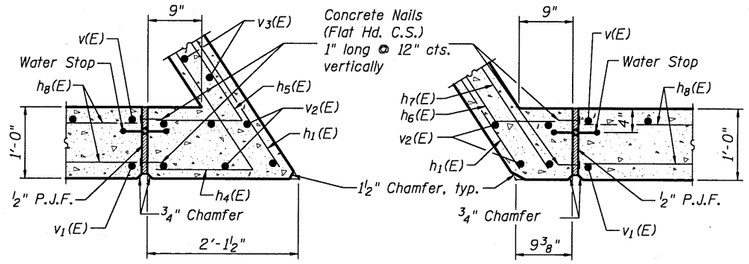

## BAR a(E)



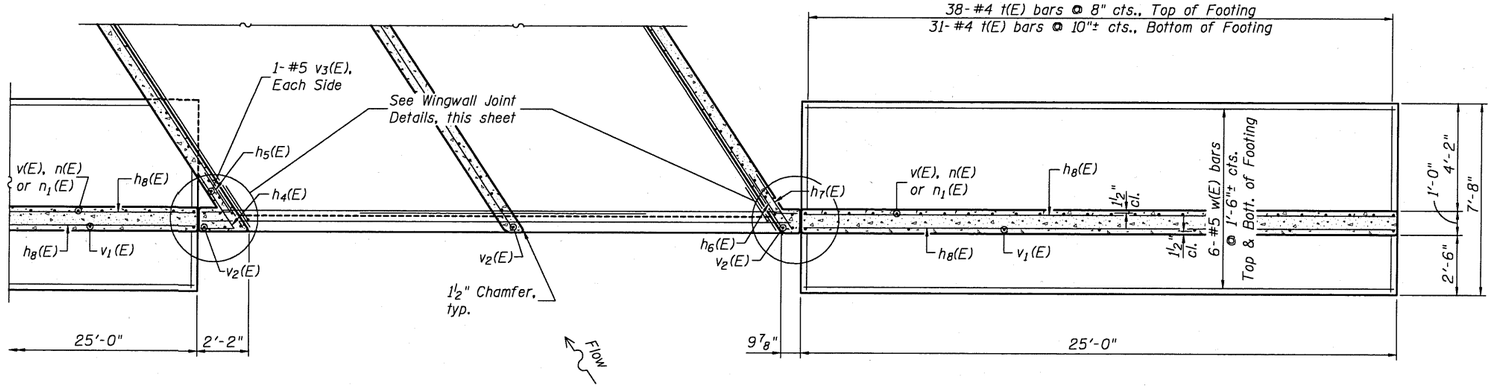

## BAR d(E)



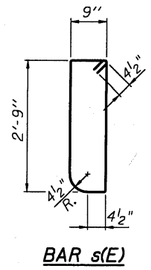

## BARS h9(E) & h10(E)




## WINGWALL JOINT DETAILS

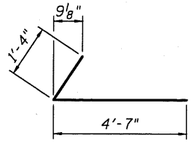



## PLAN

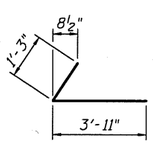



## BAR s(E)

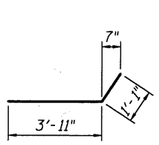
## BAR s1(E)




## BAR h4(E)




## BAR h5(E)




## BAR h6(E)

## BILL OF MATERIAL

| Bar | No. | Size | Length | Shape |
|---|---|---|---|---|
| d(E) | 98 | #7 | 25'-2" | |
| a1(E) | 98 | #7 | 12'-0" | |
| a2(E) | 100 | #4 | 8'-0" | |
| a3(E) | 3 | #4 | 25'-0" | |
| | | | | |
| d(E) | 25 | #4 | 5'-4'' | |
| | | | | |
| h(E) | 72 | #4 | 26'-3" | |
| h1(E) | 61 | #5 | 26'-0" | |
| h2(E) | 8 | #8 | 23'-5" | |
| h3(E) | 4 | #4 | 25'-0" | |
| h4(E) | 9 | #5 | 5'-11" | |
| h5(E) | 9 | #5 | 5'-2" | |
| h6(E) | 9 | #5 | 5'-0" | |
| h7(E) | 9 | #5 | 5'-0" | |
| h8(E) | 40 | #4 | 24'-8" | |
| h9(E) | 2 | #5 | 7'-10" | |
| h10(E) | 2 | #5 | 13'-0" | |
| h11(E) | 5 | #8 | 25'-0" | |
| | | | | |
| n(E) | 56 | #6 | 5'-7" | |
| n1(E) | 54 | #4 | 3'-8" | |
| | | | | |
| s(E) | 25 | #4 | 7'-7" | |
| s1(E) | 46 | #4 | 4'-1" | |
| | | | | |
| t(E) | 138 | #4 | 7'-5" | |
| | | | | |
| v(E) | 56 | #5 | 12'-3" | |
| v1(E) | 16 | #4 | 12'-3" | |
| v2(E) | 11 | #5 | 13'-8" | |
| v3(E) | 98 | #5 | 8'-3" | |
| | | | | |
| w(E) | 24 | #5 | 24'-8" | |
| | | | | |
| Reinforcement Bars, Epoxy Coated | | | Pound | 16,840 |
| Expansion Bolts ¾ inch | | | Each | 38 |
| Concrete Box Culverts | | | Cu. Yd. | 91.9 |

Reinforcement bars designated (E) shall be epoxy coated.

| | |
|---|---|
| DESIGNED | B.G.H. |
| CHECKED | L.D.G. |
| DRAWN | K.H.L. |
| CHECKED | B.G.H. |

## DETAILS

| SHEET NO. 3 | F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|---|
| 5 SHEETS | 1780 | 06-00016-00-BT | CLINTON | 25 | 17 |
| | | S.N. 014-2021 | CONTRACT NO. 97416 | | |
| | FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |