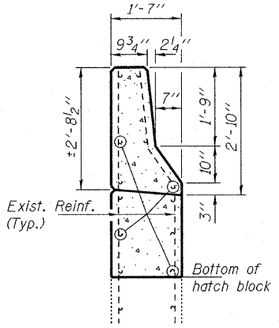
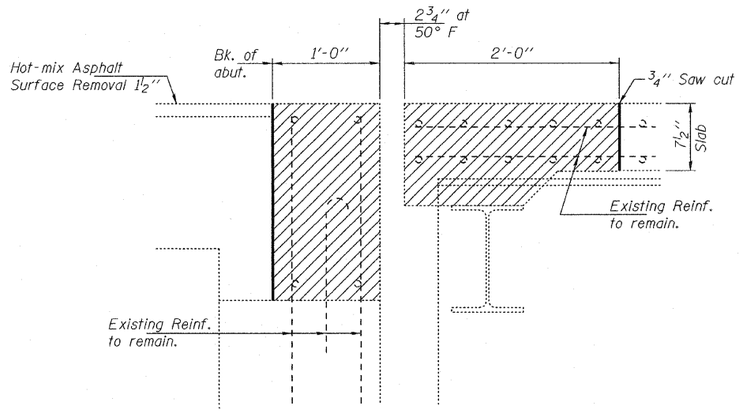
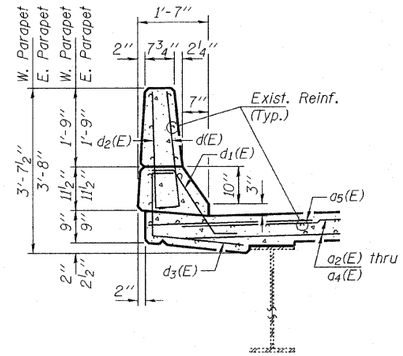
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



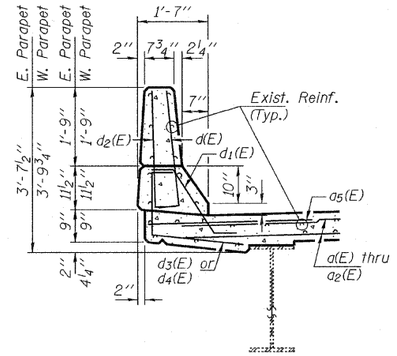

TYPICAL SECTION AT APPROACH PARAPET



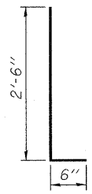

SECTION A-A
(Near ℄ Roadway)
(Dimensions are at RT L's to end of deck)



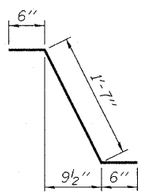

TYPICAL PARAPET SECTION
SN 101-0071



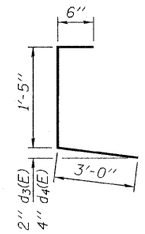

TYPICAL PARAPET SECTION
SN 101-0072



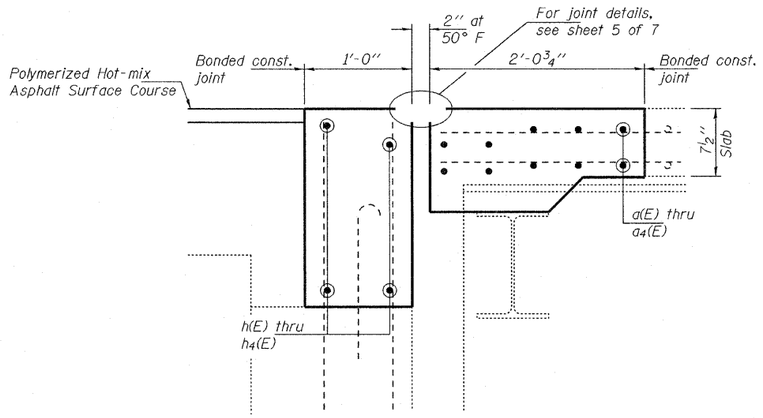

BARS d(E) & d2(E)




BAR d1(E)




BARS d3(E) & d4(E)




SECTION B-B
(Near ℄ Roadway)
(Dimensions are at RT L's to end of deck)

BILL OF MATERIAL
SN 101-0071

| Bar | No. | Size | Length | Shape |
|---|---|---|---|---|
| a2(E) | 20 | #5 | 27'-3" | —— |
| a3(E) | 10 | #5 | 30'-9" | —— |
| a4(E) | 10 | #5 | 26'-6" | —— |
| a5(E) | 12 | #6 | 4'-10" | —— |
| | | | | |
| d(E) | 12 | #5 | 3'-0" | L |
| d1(E) | 12 | #5 | 2'-7" | ⌝ |
| d2(E) | 12 | #4 | 3'-0" | L |
| d3(E) | 12 | #4 | 4'-11" | ⌐ |
| | | | | |
| h2(E) | 8 | #6 | 27'-11" | —— |
| h3(E) | 4 | #6 | 31'-8" | —— |
| h4(E) | 4 | #6 | 27'-6" | —— |
| | | | | |
| Concrete Removal | | Cu. Yd. | 18.0 | |
| Concrete Superstructure | | Cu. Yd. | 18.2 | |
| Reinforcement Bars, Epoxy Coated | | Lbs. | 2080 | |

BILL OF MATERIAL
SN 101-0072

| Bar | No. | Size | Length | Shape |
|---|---|---|---|---|
| a(E) | 10 | #5 | 26'-9" | —— |
| a1(E) | 10 | #5 | 30'-7" | —— |
| a2(E) | 20 | #5 | 27'-3" | —— |
| a5(E) | 12 | #6 | 4'-10" | —— |
| | | | | |
| d(E) | 12 | #5 | 3'-0" | L |
| d1(E) | 12 | #5 | 2'-7" | ⌝ |
| d2(E) | 12 | #4 | 3'-0" | L |
| d3(E) | 6 | #4 | 4'-11" | ⌐ |
| d4(E) | 6 | #4 | 4'-11" | ⌐ |
| | | | | |
| h(E) | 4 | #6 | 27'-7" | —— |
| h1(E) | 4 | #6 | 31'-6" | —— |
| h2(E) | 8 | #6 | 27'-11" | —— |
| | | | | |
| Concrete Removal | | Cu. Yd. | 18.5 | |
| Concrete Superstructure | | Cu. Yd. | 18.8 | |
| Reinforcement Bars, Epoxy Coated | | Lbs. | 2080 | |

JOINT REPLACEMENT DETAILS
FAI 39 OVER HARRISON AVE.
SN 101-0071 & 0072

| | |
|---|---|
| DESIGNED | IJL |
| CHECKED | ATH |
| DRAWN | baliva |
| CHECKED | IJL ATH |

MARCH 9, 2010
EXAMINED — ENGINEER OF STRUCTURAL SERVICES
PASSED — ENGINEER OF BRIDGES AND STRUCTURES

| SHEET NO. 4 | F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|---|
| 7 SHEETS | 39 | (4VBY,4VBY-1,5HB)M | WINNEBAGO | 36 | 33 |
| | | | CONTRACT NO. 64G12 | | |
| | FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

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