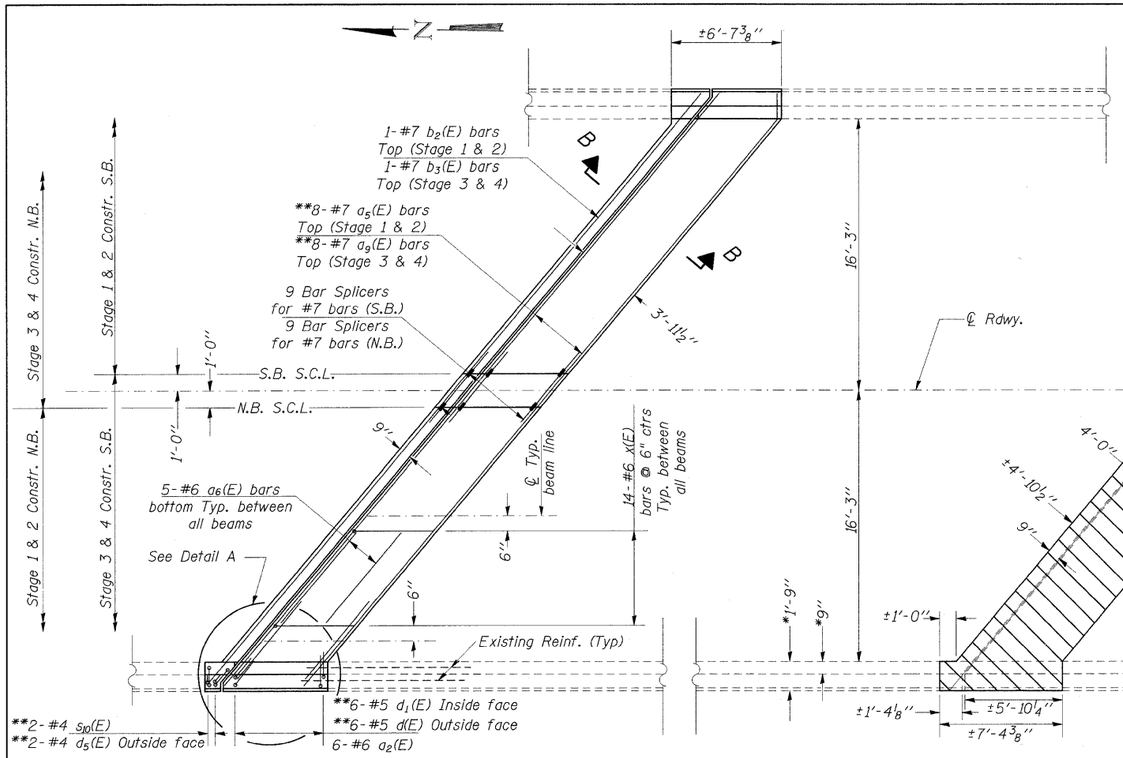
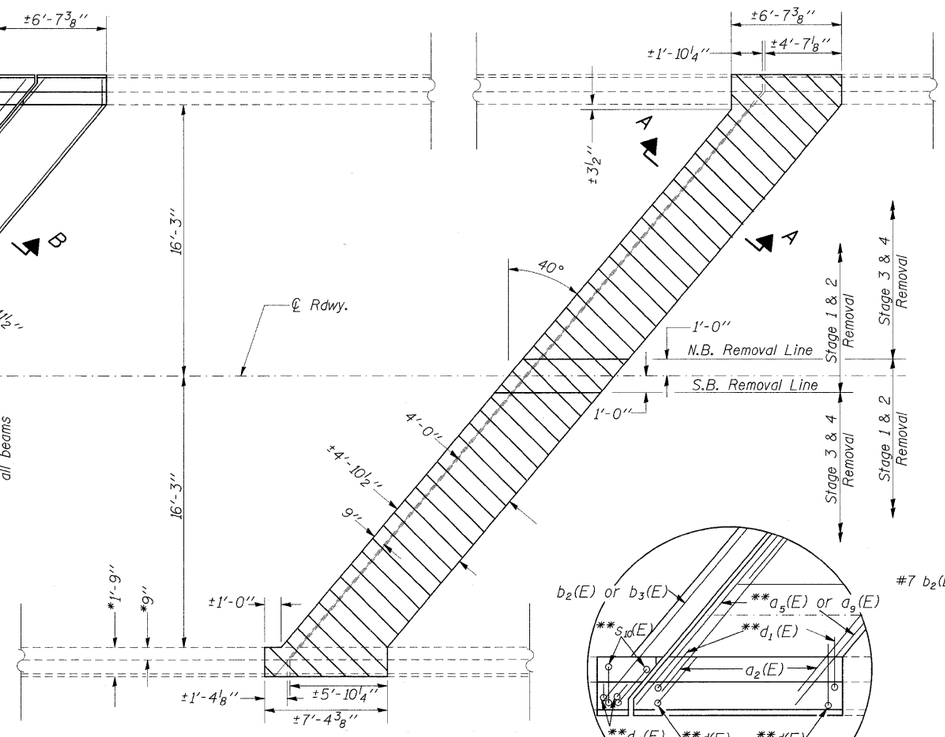
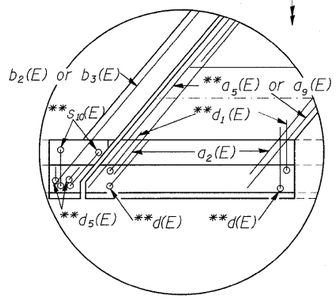


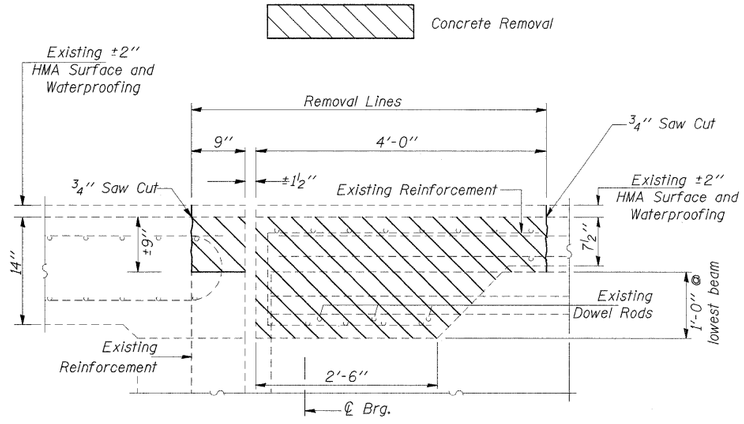

JOINT ℄ NORTH ABUT. PLAN SHOWING NEW CONCRETE



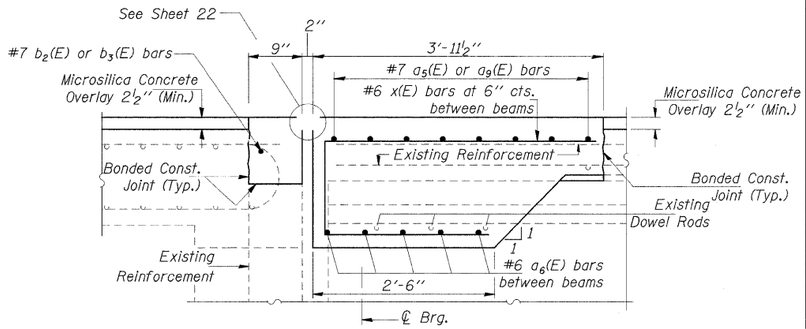

JOINT ℄ NORTH ABUT. PLAN SHOWING CONCRETE REMOVAL




DETAIL A

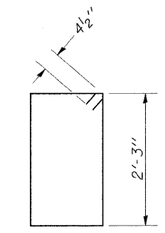



SECTION A-A
Dimensions measured ℄ Right Angles

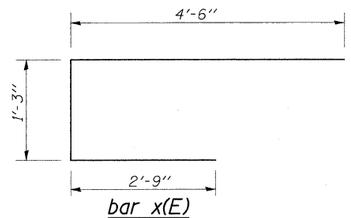



SECTION B-B
Dimensions measured ℄ Right Angles

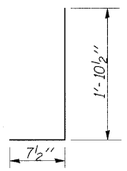
NOTES:
* Field Verify (Match Existing)
** Bend or turn Bars in Field to fit



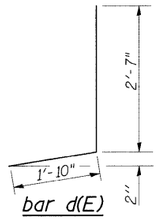

bar s10(E)



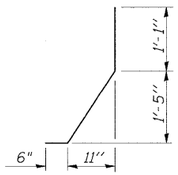

bar x(E)



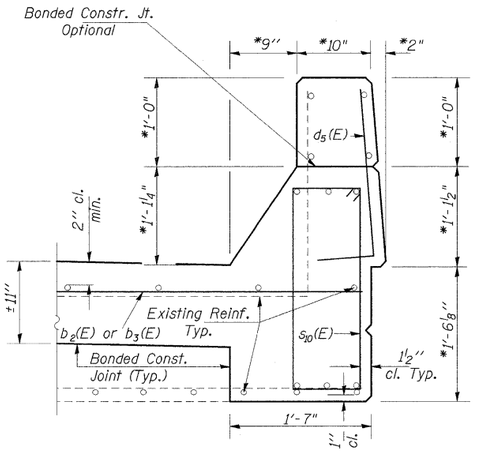

bar d5(E)



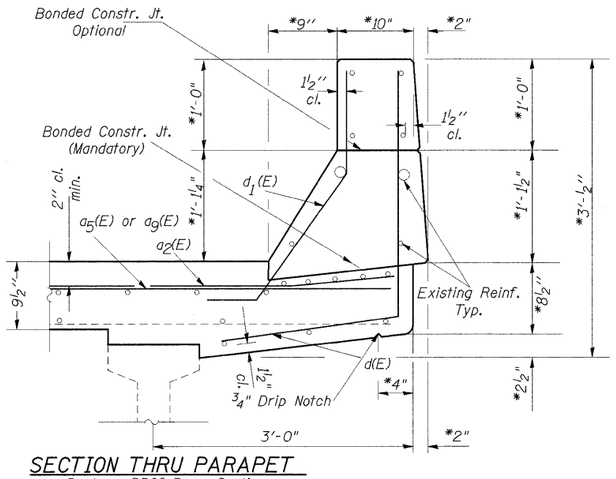

bar d(E)



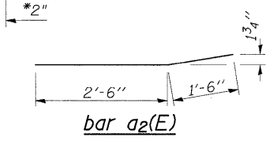

bar d1(E)




SECTION THRU PARAPET
Slab Bridge Section




SECTION THRU PARAPET
Deck on PPCI Beam Section




bar a2(E)

## BILL OF MATERIAL (BOTH JOINTS)

| Bar | No. | Size | Length | Shape |
|---|---|---|---|---|
| $a_2(E)$ | 24 | #6 | 4'-0" | — |
| $a_5(E)$ | 16 | #7 | 21'-6" | — |
| $a_6(E)$ | 40 | #6 | 8'-7" | — |
| $a_9(E)$ | 16 | #7 | 24'-2" | — |
| $b_2(E)$ | 2 | #7 | 21'-6" | — |
| $b_3(E)$ | 2 | #7 | 24'-2" | — |
| $d(E)$ | 24 | #5 | 4'-5" | ⌟ |
| $d_1(E)$ | 24 | #5 | 3'-3" | ⌞ |
| $d_5(E)$ | 8 | #4 | 2'-6" | ⌟ |
| $s_{10}(E)$ | 8 | #4 | 6'-9" | □ |
| x(E) | 112 | #6 | 8'-6" | ⌐ |
| | | | | |
| Concrete Superstructure | | Cu. Yd. | 24.6 | |
| Concrete Removal | | Cu. Yd. | 22.4 | |
| Reinforcement Bars, Epoxy Coated | | Pound | 4010 | |

Reinforcement bars designated (E) shall be epoxy coated.

# NORTH ABUT. JOINT REPLACEMENT DETAILS ALEXANDER COUNTY STRUCTURE NO. 002-0001 (N.B.) STRUCTURE NO. 002-0002 (S.B.)

| | | | |
|---|---|---|---|
| FILE NAME = c:\pw_work\PWIDOT\CORNELLLM\d0170060\002-0001_0002-sht-plan.dgn | USER NAME = cornelllm | DESIGNED - TWH | REVISED - |
| | | DRAWN - TWH | REVISED - |
| | PLOT SCALE = 4.5000 ' / IN. | CHECKED - MAS | REVISED - |
| | PLOT DATE = 2/18/2010 | DATE - 11/20/09 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**JOINT REPLACEMENT DETAILS**

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

| F.A.I RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 57 | D9 BSMART 2010-1 | ALEXANDER | 25 | 18 |
| | | CONTRACT NO. 78173 | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |