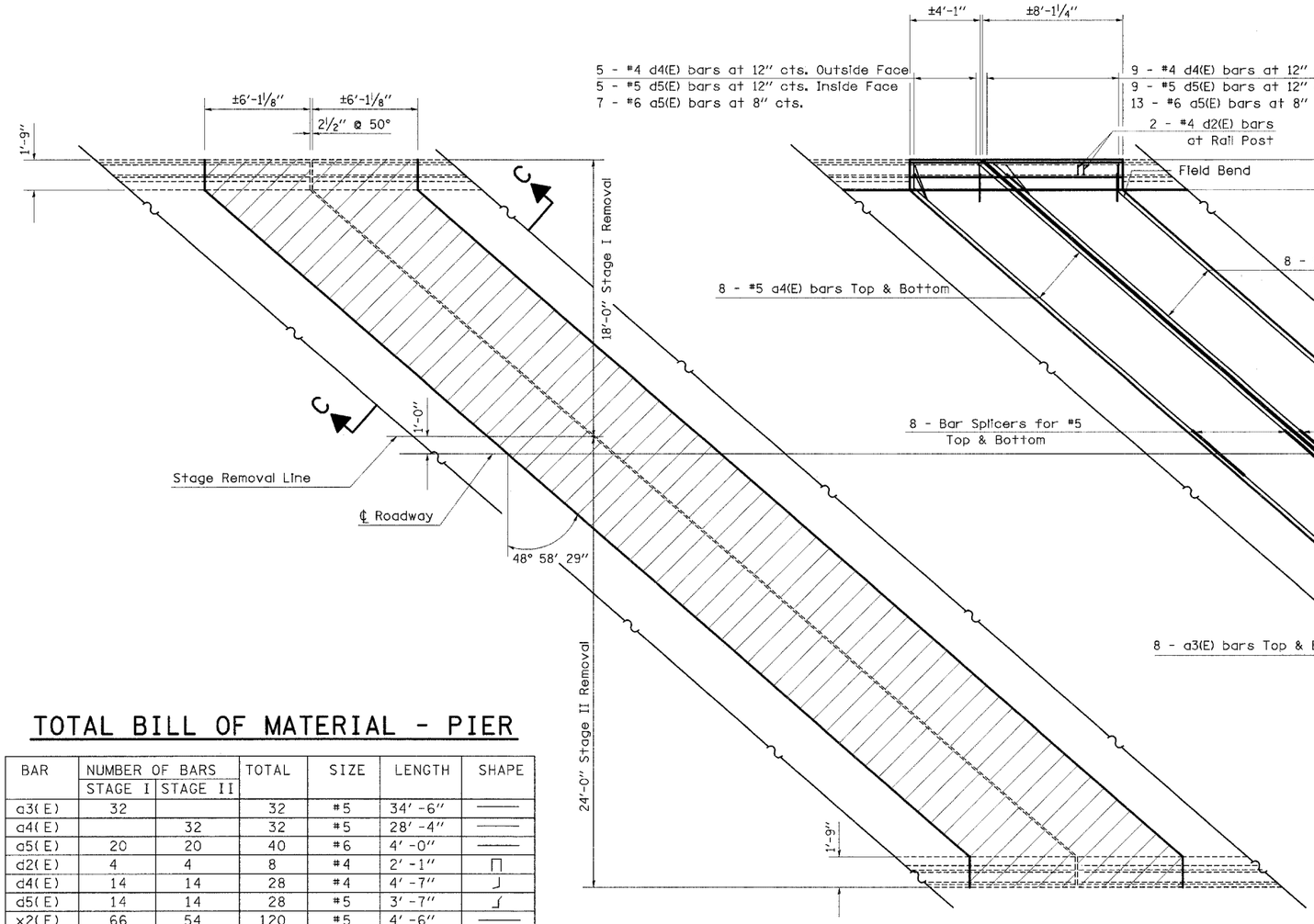
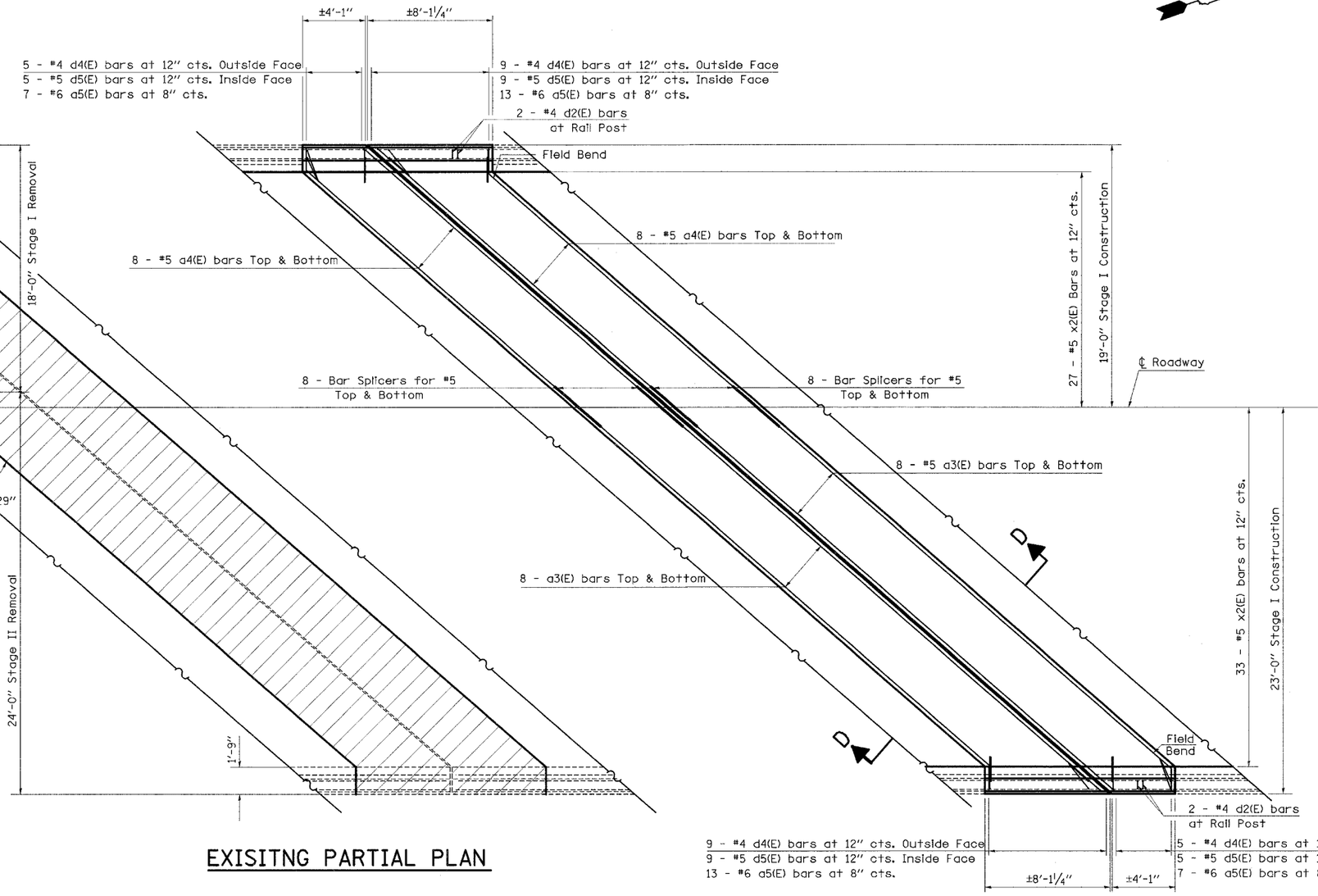
Note: Trim existing long. reinf. to accomodate new joint opening (typ.)




EXISITNG PARTIAL PLAN

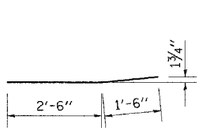



PROPOSED PARTIAL PLAN

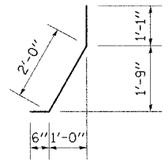
## TOTAL BILL OF MATERIAL - PIER

| BAR | NUMBER OF BARS | | TOTAL | SIZE | LENGTH | SHAPE |
|---|---|---|---|---|---|---|
| | STAGE I | STAGE II | | | | |
| a3(E) | 32 | | 32 | #5 | 34'-6" | —— |
| a4(E) | | 32 | 32 | #5 | 28'-4" | —— |
| a5(E) | 20 | 20 | 40 | #6 | 4'-0" | —— |
| d2(E) | 4 | 4 | 8 | #4 | 2'-1" | ⊓ |
| d4(E) | 14 | 14 | 28 | #4 | 4'-7" | ⌋ |
| d5(E) | 14 | 14 | 28 | #5 | 3'-7" | ⌋ |
| x2(E) | 66 | 54 | 120 | #5 | 4'-6" | —— |
| CONCRETE REMOVAL | | | | | CU. YD. | 19.3 |
| REINFORCEMENT BARS (EPOXY COATED) | | | | | POUND | 3100 |
| CONCRETE SUPERSTRUCTURE | | | | | CU. YD. | 21.9 |

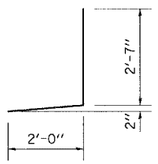
REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED



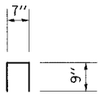

BAR a4(E)




BAR d5(E)




BAR d4(E)




BAR d2(E)

BAR x2(E)

| | | | |
|---|---|---|---|
| FILE NAME = c:\projects\74171d\karenbridge.dgn | USER NAME = swartzrw | DESIGNED - | REVISED - |
| | | DRAWN - | REVISED - |
| | PLOT SCALE = 20.0000 ' / IN. | CHECKED - | REVISED - |
| | PLOT DATE = 3/20/2008 | DATE - | REVISED - |

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

**HINGE EXPANSION JOINT REPLACEMENT DETAILS**
**SN 058-0095 (EB)**

SCALE: N/A | SHEET NO. 21 OF 52 SHEETS | STA. | TO STA.

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SH N |
|---|---|---|---|---|
| 72 | (58,74X66,67)RS-1 | MACON | 88 | 4 |
| | | CONTRACT NO. 741 | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

SHEET NO. 52 SHEE