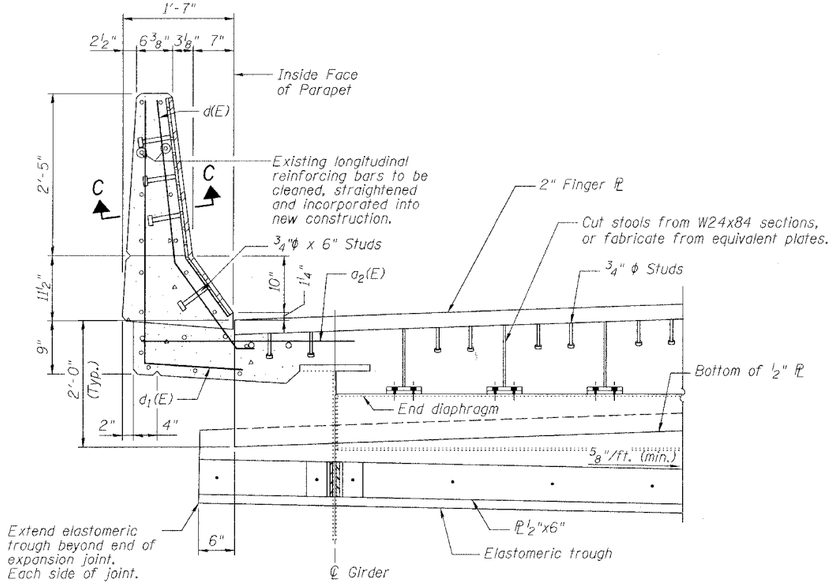
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

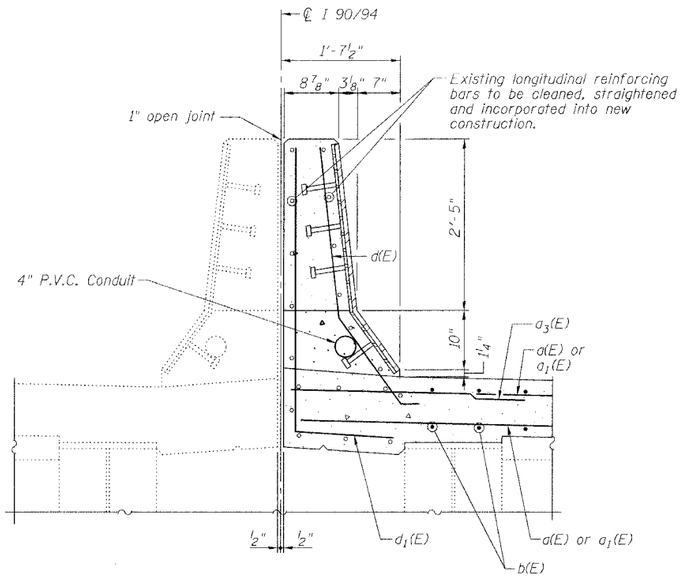
| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| FAI 90/94 | * | COOK | 93 | 69 |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT- | |

SHEET NO. 5
8 SHEETS

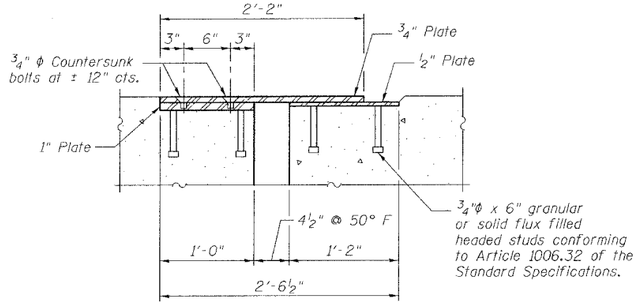
* 2005 - 008F
Contract #62919



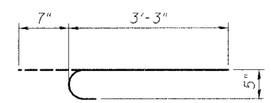

SECTION B-B
(For location of Section B-B, See Sheet 4 of 8)



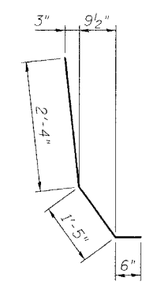

DETAIL AT MEDIAN PARAPET
(Looking East)



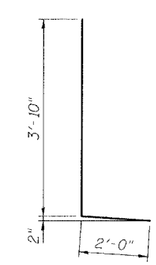

SECTION C-C




BAR b(E)




BAR d(E)




BAR d₁(E)

## BILL OF MATERIAL

| Bar | No. | Size | Length | Shape |
|---|---|---|---|---|
| a(E) | 24 | #5 | 34'-10" | |
| a₁(E) | 24 | #5 | 32'-4" | |
| a₂(E) | 16 | #6 | 4'-6" | |
| b(E) | 130 | #5 | 3'-10" | |
| d(E) | 16 | #5 | 4'-3" | |
| d₁(E) | 20 | #5 | 5'-10" | |
| Reinforcement Bars, Epoxy Coated | | | Pound | 2500 |
| Concrete Superstructure | | | Cu. Yd. | 18.3 |
| Bar Splicers | | | Each | 24 |
| Mechanical Splice | | | Each | 130 |

Reinforcing bars designated (E) shall be epoxy coated.

Bars indicated thus 1x2- #5 etc. indicates 1 line of bars with 2 lengths per line.

| REVISIONS | |
|---|---|
| NAME | DATE |

ILLINOIS DEPARTMENT OF TRANSPORTATION

PARAPET DETAILS

F.A.I. ROUTE 90/94 NORTHBOUND (DAN RYAN EXPRESSWAY)
OVER 28th ST. TO S. STEWART ST.
COOK COUNTY
S.N. 016-1117 - PIER 26

SCALE: VERT. HORIZ.
DATE: 2/17/05

DRAWN BY: HEBERLING
DESIGNED BY: SANFORD
CHECKED BY: -

GREENE & BRADFORD, INC.
OF SPRINGFIELD
CONSULTING ENGINEERS
300 CONSTITUTION DRIVE
SPRINGFIELD, ILLINOIS 62704
PROFESSIONAL DESIGN FIRM NO. 184-00479
PROFESSIONAL & STRUCTURAL ENGINEERING CORPORATION
(217) 753-8844, (217) 753-8277 (FAX) - ceb@greenebradfordcorp.com

COMPUTER FILE NO. 04286-W03-PD
PROJECT 04286-W03
6/17/05-MML

FILE NAME = $FILE$
PLOT SCALE = $pltscale$ DRV = $PLOTTER$
PLOT DATE = 6/17/2005
PLOT TIME = 12:43:50 PM
OPERATOR = michellel