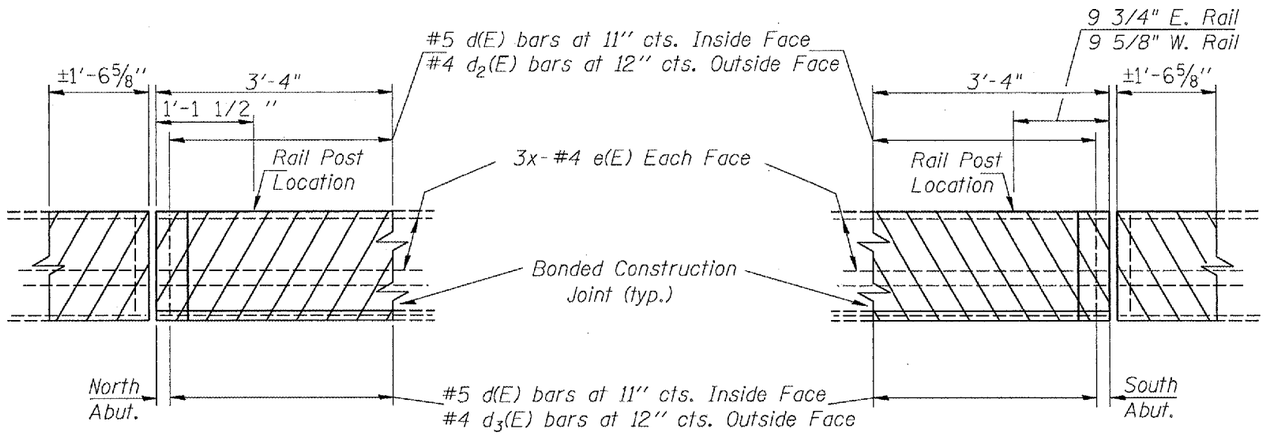
CONTRACT NO. 68420

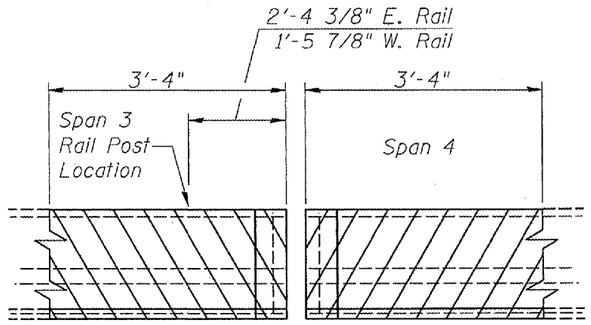
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 317 | 04 BRIDGE REP. | PEORIA | 14 | 11 |
| STA. 409+99.08 | | TO STA. 414+72.02 | | |
| FED. ROAD DIST. NO. 4 | ILLINOIS | FED. AID PROJECT | | |

68420

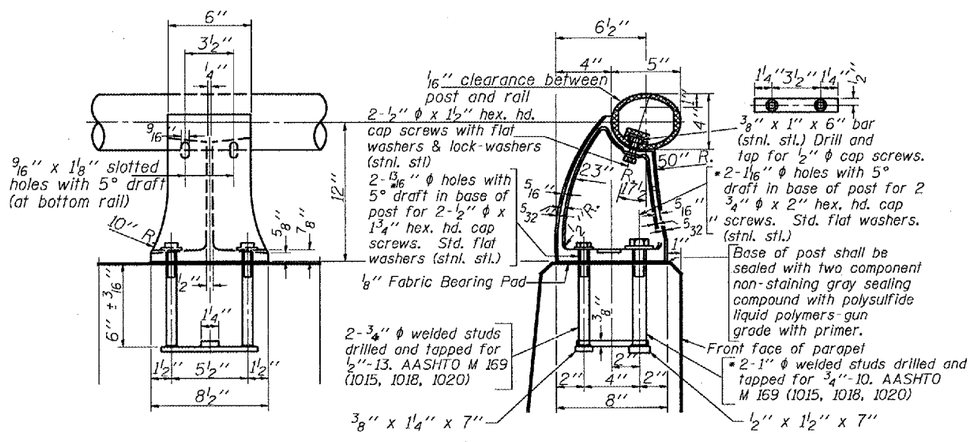



## INSIDE ELEVATION OF PARAPET REPLACEMENT AT ABUTMENTS

*Typical when facing Parapet*



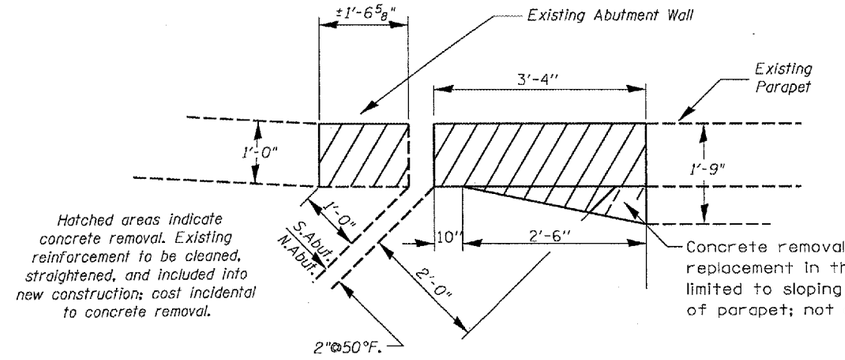

## INSIDE ELEVATION OF PARAPET REPLACEMENT AT PIER #3




## RAIL POST DETAILS

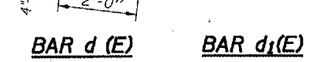
*Existing Details*

* *In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and epoxy grouting stainless steelanchor rods of the same diameter and grade as the specified cap screws. Embedment shall be according to the manufacturer's specifications.*



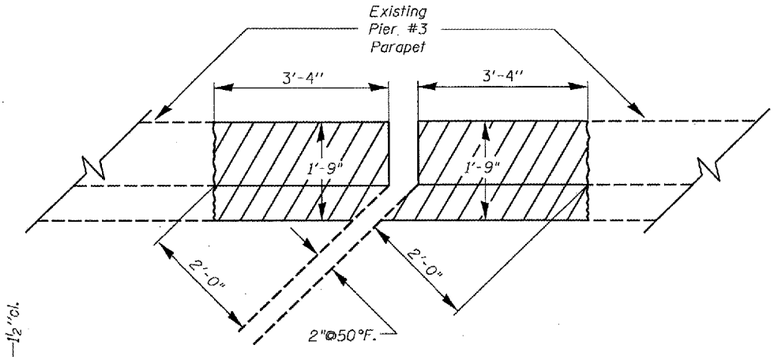

*Hatched areas indicate concrete removal. Existing reinforcement to be cleaned, straightened, and included into new construction; cost incidental to concrete removal.*

## Parapet Concrete Removal at Abutments

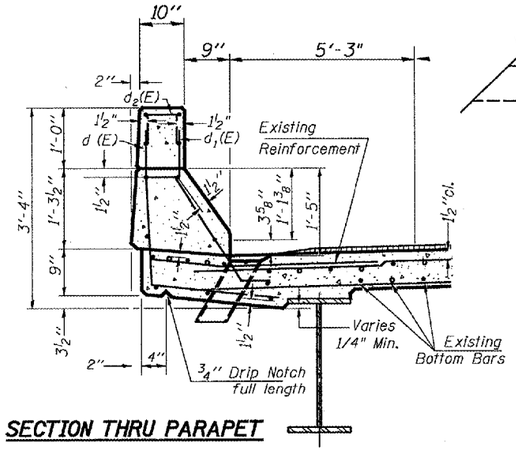



BAR d (E)

BAR $d_1$(E)




## Parapet Concrete Removal at Pier 3




## SECTION THRU PARAPET

## SUPERSTRUCTURE BILL OF MATERIAL

| Bar | No. | Size | Length | Shape |
|---|---|---|---|---|
| | | | | |
| d(E) | 24 | #4 | 4'-9" | L |
| $d_1$(E) | 24 | #5 | 3'-7" | L |
| | | | | |
| | | | | |
| | | | | |
| Reinforcement Bars, Epoxy Coated | | | Pound | 170 |
| Concrete Superstructure | | | Cu. Yds. | 2.7 |

Reinforcement bars designated (E) shall be epoxy coated.

NOTE:
LOCATION OF THE EXISTING RAIL POSTS IN THE CONCRETE REMOVAL AREAS SHALL BE MEASURED IN THE FIELD BEFORE REMOVAL AND RE-ERECTED IN THE SAME LOCATION. PROVIDE NEW ANCHOR DEVICES AS SHOWN IN RAIL POST DETAILS. COST INCIDENTAL TO CONCRETE REMOVAL.

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

# PARAPET CONCRETE REMOVAL DETAIL

SCALE: VERT.
HORIZ.
DATE 05-15-2004

DRAWN BY CEJ
CHECKED BY

PLOT DATE = $DATE$
FILE NAME = $FILE$
PLOT SCALE = $SCALE$
REFERENCE = $REF$

...\SN072-0135 2489overTP&WeastofM 12/3/2004 9:40:25 AM