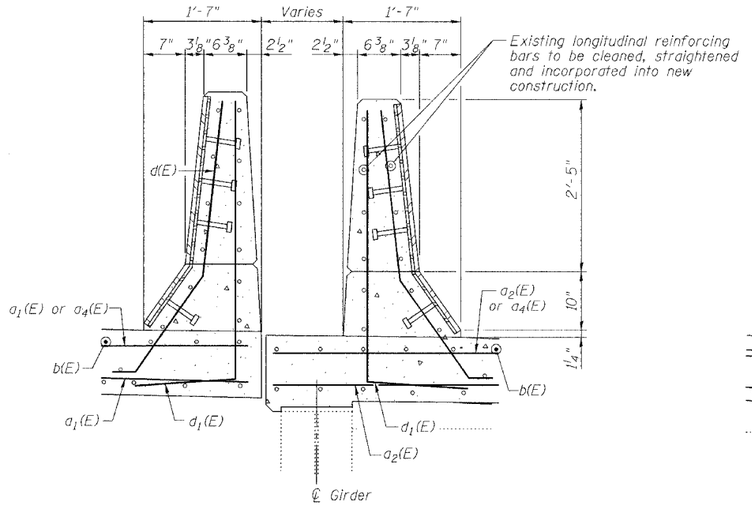
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

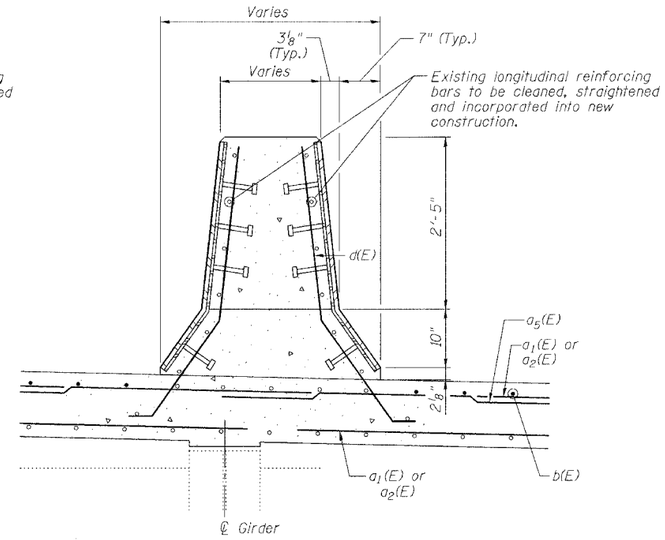
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	*	COOK	93	60
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 5
9 SHEETS

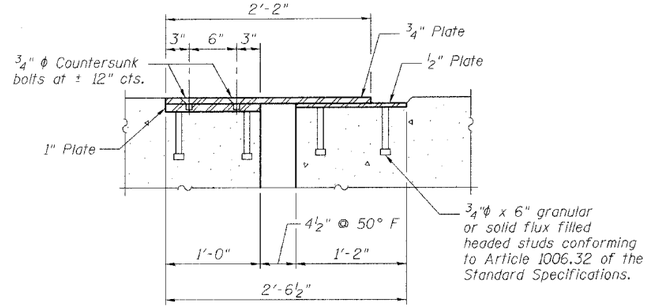
* 2005-008F
Contract #62919



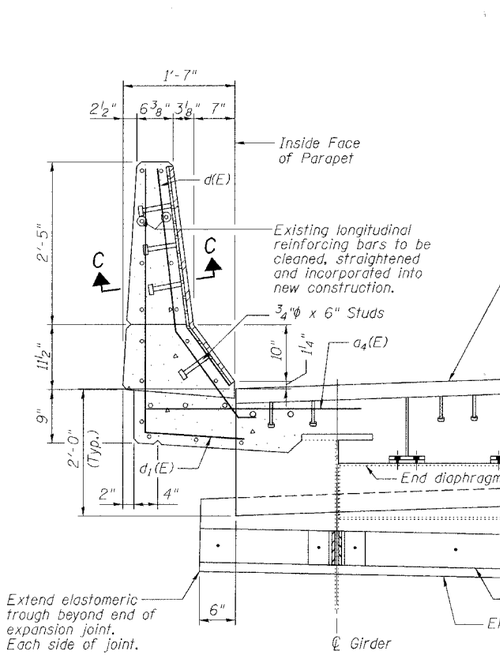
DETAIL AT N.B. FAI 90/94 & RAMP C PARAPET - SPAN 1
(Dimensions at Rt. L's)



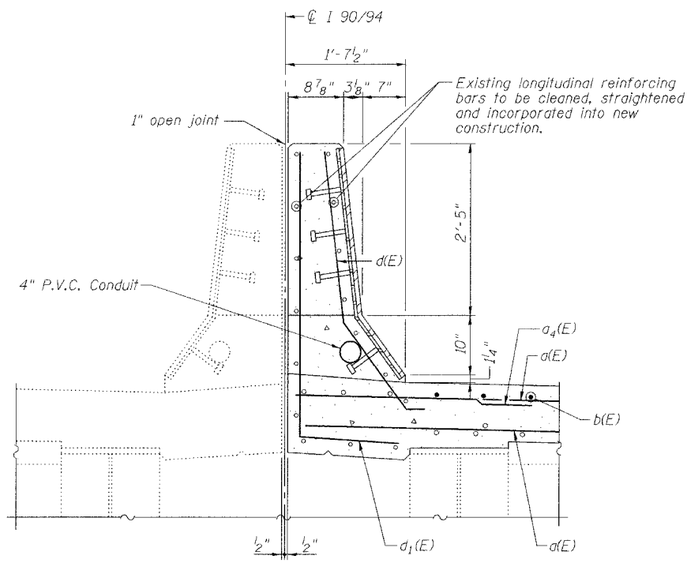
DETAIL AT N.B. FAI 90/94 & RAMP E PARAPET - SPAN 3
(Dimensions at Rt. L's)



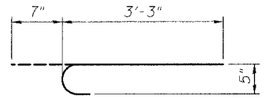
SECTION C-C



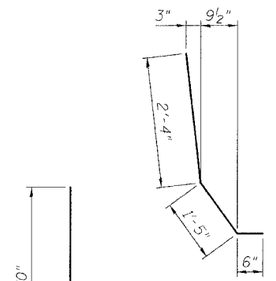
SECTION B-B
(For location of Section B-B, See Sheet 4 of 9)



DETAIL AT MEDIAN PARAPET
(Looking North)



BAR b(E)



BAR d(E)

BAR $d_1(E)$

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d(E)	24	#5	30'-9"	—
$a_1(E)$	24	#5	27'-3"	—
$a_2(E)$	24	#5	14'-6"	—
$a_3(E)$	24	#5	17'-3"	—
$a_4(E)$	24	#6	4'-6"	—
$a_5(E)$	8	#6	5'-6"	—
b(E)	174	#5	3'-10"	C
d(E)	32	#5	4'-3"	⌐
$d_1(E)$	30	#5	5'-10"	⌐
Reinforcement Bars, Epoxy Coated			Pound	3490
Concrete Superstructure			Cu. Yd.	25.1
Concrete Removal			Cu. Yd.	22.1
Bar Splicers			Each	48
Mechanical Splice			Each	174

Reinforcing bars designated (E) shall be epoxy coated.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PARAPET DETAILS

F.A.I. ROUTE 90/94 NORTHBOUND (DAN RYAN EXPRESSWAY)
OVER SOUTH BRANCH - CHICAGO RIVER
COOK COUNTY
S.N. 016-1113 - PIER 1

SCALE: VERT.
HORIZ.
DATE: 3/22/05

DRAWN BY: LANDREY
DESIGNED BY: SANFORD
CHECKED BY:

GREENE & BRADFORD, INC.
OF SPRINGFIELD
CONSULTING ENGINEERS
1701 SOUTH FIRST STREET
SPRINGFIELD, ILLINOIS 62703
PROFESSIONAL DESIGN FIRM NO. 184-000179
PROFESSIONAL & STRUCTURAL ENGINEERING CORPORATION
(217) 793-0040, (217) 793-5227 FAX, mail@greene-bradford.com

COMPUTER FILE NO. 04286-W01-NB-PD
PROJECT 04286-W01
6/21/05-MML

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