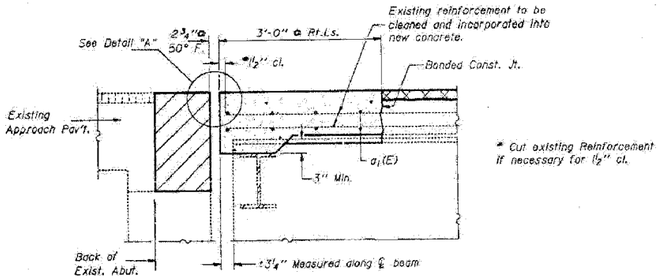
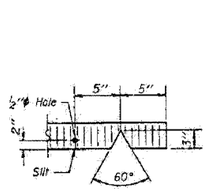
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 80	06 - 8HBR	BUREAU	165	108
FED. ROAD DIST. NO. 7	ILLINOIS	CONTRACT PROJECT:		

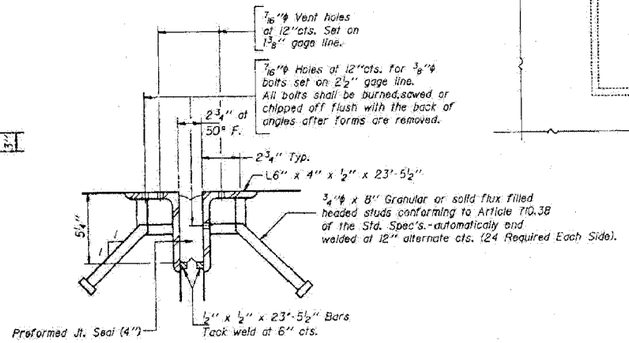
Contract # 66641



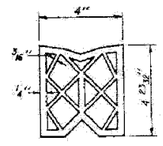
SECTION A-A



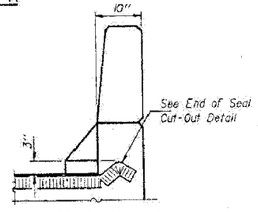
SEAL CUT-OUT



DETAIL A

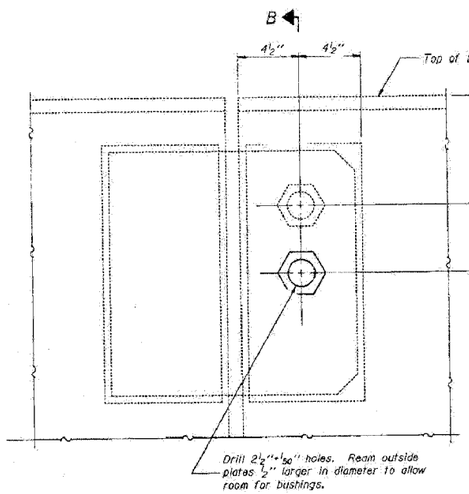


PREFORMED JOINT SEAL (4")

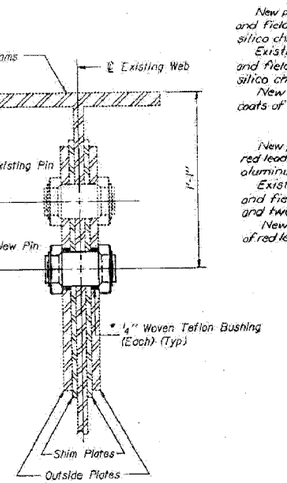


TYPICAL END OF SEAL TREATMENT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ELEVATION

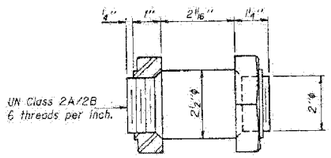


SECTION B-B

* Self lubricating filament wound epoxy matrix backed Duralon bearing or metal backed Fiber Glide bearing or equivalent. Cost incidental to Structural Steel.

HINGE DETAILS

Note: Existing pins shall be removed after new pins are in place.



PIN DETAIL

Nuts should be snugged up finger tight and threads burred.

SHEET NO. 6
10 SHEETS

EXTERIOR BEAMS

New pins shall be shop painted with two coats and field painted with one coat of basic lead silico chromate paint.

Existing pin holes shall be cleaned by Method I and field painted with three coats of basic lead silico chromate paint.

New pin holes shall be field painted with three coats of basic lead silico chromate paint.

INTERIOR BEAMS

New pins shall be shop painted with one coat of red lead paint and field painted with two coats of aluminum paint.

Existing pin holes shall be cleaned by Method I and field painted with one coat of red lead paint and two coats of aluminum paint.

New pin holes shall be field painted with one coat of red lead paint and two coats of aluminum paint.

TWO SUPERSTRUCTURES

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	1420	#5	2'-10"	
a_1(E)	32	#5	23'-2"	
b(E)	224	#5	29'-9"	
b_1(E)	24	#6	25'-3"	
b_2(E)	12	#6	26'-0"	
b_3(E)	32	#8	14'-6"	
b_4(E)	8	#8	17'-7"	
b_5(E)	16	#8	7'-3"	
b_6(E)	32	#8	28'-3"	
b_7(E)	16	#8	9'-6"	
b_8(E)	8	#8	17'-4"	
b_9(E)	8	#5	17'-7"	
b_{10} (E)	16	#5	7'-3"	
b_{11} (E)	32	#5	27'-1"	
b_{12} (E)	16	#5	9'-6"	
b_{13} (E)	8	#5	17'-4"	
b_{14} (E)	32	#5	13'-4"	
d(E)	892	#4	4'-11"	
d_1(E)	948	#5	3'-11"	
d_2(E)	24	#5	4'-1"	
e(E)	24	#4	17'-4"	
e_1(E)	48	#4	11'-10"	
e_2(E)	24	#4	11'-1"	
e_3(E)	48	#4	7'-3"	
e_4(E)	144	#4	11'-1"	
e_5(E)	48	#4	9'-6"	
e_6(E)	48	#4	12'-2"	
h	12	#5	12'-3"	
h_1	12	#5	11'-11"	
h_2	12	#5	12'-10"	
h_3	12	#5	13'-2"	
h_4	12	#6	25'-7"	
Y	132	#5	2'-0"	
Y_1	96	#4	2'-9"	
Y_2	16	#4	8'-9"	
Y_3	96	#4	4'-5"	
Class X Concrete		Cu. Yd.	182.0	
Reinforcement Bars (Epoxy Coated)		Lb.	30750	
Reinforcement Bars		Lb.	1920	
Plasticized Bridge Deck Concrete Overlay		Sq. Yd.	874	

SUPERSTRUCTURE DETAILS
F.A.I. RT. 80 SEC. (06-8HB)M
BUREAU COUNTY
STATION 312+11.90

DESIGNED	Mary Bloxdorf
CHECKED	Lance Fields
DRAWN	Joe Sutherland
CHECKED	Lance Fields

May 2 19 85
EXAMINED
PASSED
APPROVED
DIRECTOR OF HIGHWAYS

FOR INFORMATION ONLY

EXISTING PLANS - 1985

IL ROUTE 89 OVER
FAI ROUTE 80 (I-80)
SECTION 06-8HBR
BUREAU COUNTY
STATION 3702+69.82
STRUCTURE NO. 006-0178

PLOT DATE = 8/6/2007
FILE NAME = D:\PROJECTS\2005\4089.002\CADD\LDS_exist1985_06.dgn
PLOT SCALE = 1.000
USER NAME = 2eagerb

ENTRAN