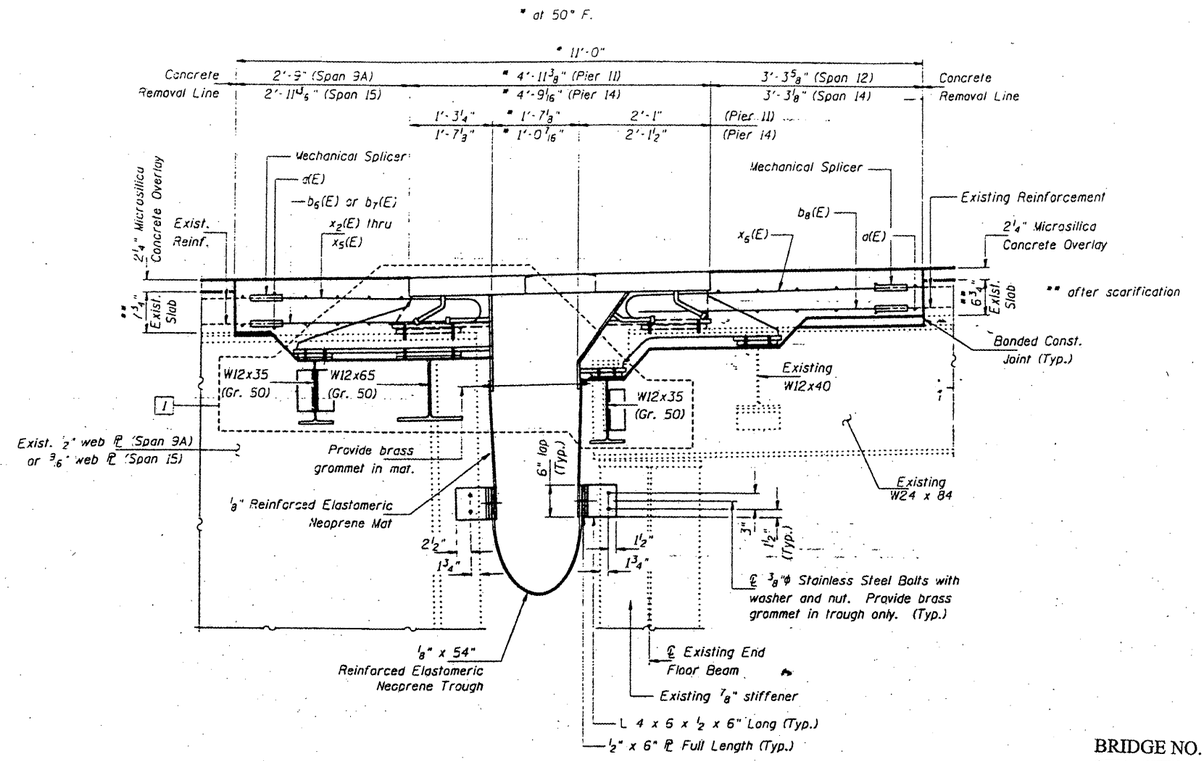
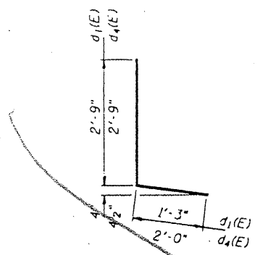
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONTRACT: 78040
ROUTE: F.A.I. 57
SECTION: (02-1B-1)P-1
COUNTY: ALEXANDER, IL; MISSISSIPPI, MO
SHEET 54 OF 67
FOR INFORMATION ONLY

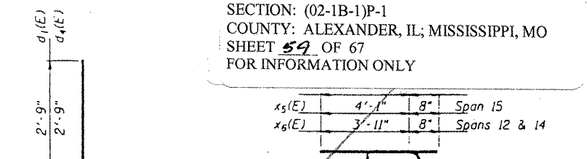


SECTION B-B
Pier 11 shown; Pier 14 similar

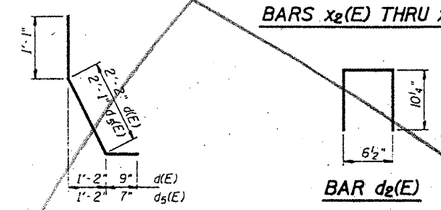
BRIDGE NO. 1
STRUCTURE NO. 002-0022
FOR INFORMATION ONLY



BARS $d_1(E)$ & $d_4(E)$

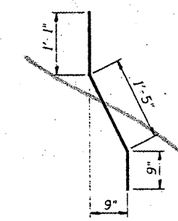


BARS $x_2(E)$ THRU $x_6(E)$



BARS $d(E)$ & $d_5(E)$

BAR $d_2(E)$

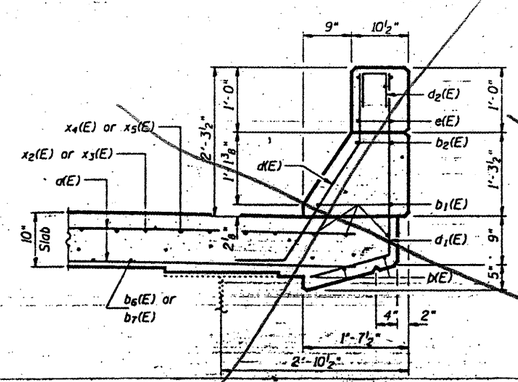


BAR $d_3(E)$

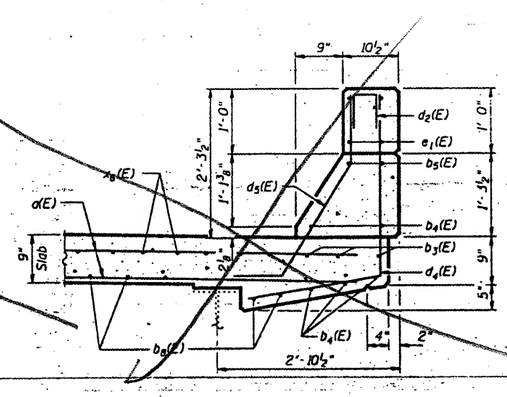
PIERS 11 & 14
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d(E)	92	#6	29'-10"	—
b(E)	12	#6	4'-2"	—
b1(E)	20	#5	4'-2"	—
b2(E)	8	#8	4'-2"	—
b3(E)	12	#7	4'-8"	—
b4(E)	20	#5	4'-8"	—
b5(E)	8	#8	4'-8"	—
b6(E)	60	#6	3'-3"	—
b7(E)	60	#6	3'-9"	—
b8(E)	180	#5	4'-0"	—
d(E)	16	#5	4'-0"	L
d1(E)	20	#4	4'-0"	L
d2(E)	16	#4	2'-3"	⊓
d3(E)	8	#5	3'-3"	\
d4(E)	24	#4	4'-9"	L
d5(E)	20	#5	3'-9"	L
e(E)	16	#4	4'-2"	—
e1(E)	16	#4	4'-8"	—
x2(E)	60	#5	3'-10"	⊃
x3(E)	60	#5	4'-2"	⊃
x4(E)	58	#6	4'-5"	⊃
x5(E)	58	#6	4'-9"	⊃
x6(E)	236	#6	4'-7"	⊃
Reinforcement Bars, Epoxy Coated			Pound	9410
Concrete Superstructure			Cu. Yds.	33.6 [1]
Concrete Removal			Cu. Yds.	31.7
Mechanical Splice			Each	768

Reinforcement bars designated (E) shall be epoxy-coated.



SECTION THRU CURB - SPAN 9A & 15



SECTION THRU CURB - SPAN 12 & 14

DESIGNED	P.S.J.	FEBRUARY 4, 2002
CHECKED	A.T.H.	EXAMINED John A. Morris ENGINEER OF STRUCTURAL SERVICES
DRAWN	John F. Schneller Jr.	PASSED ENGINEER OF BRIDGES AND STRUCTURES
CHECKED	A.T.H. P.S.J.	

EXPANSION JOINT DETAILS - PIER 11 & 14
F.A.I. 57 OVER MISSISSIPPI RIVER
ALEXANDER COUNTY
S.N. 002-0022