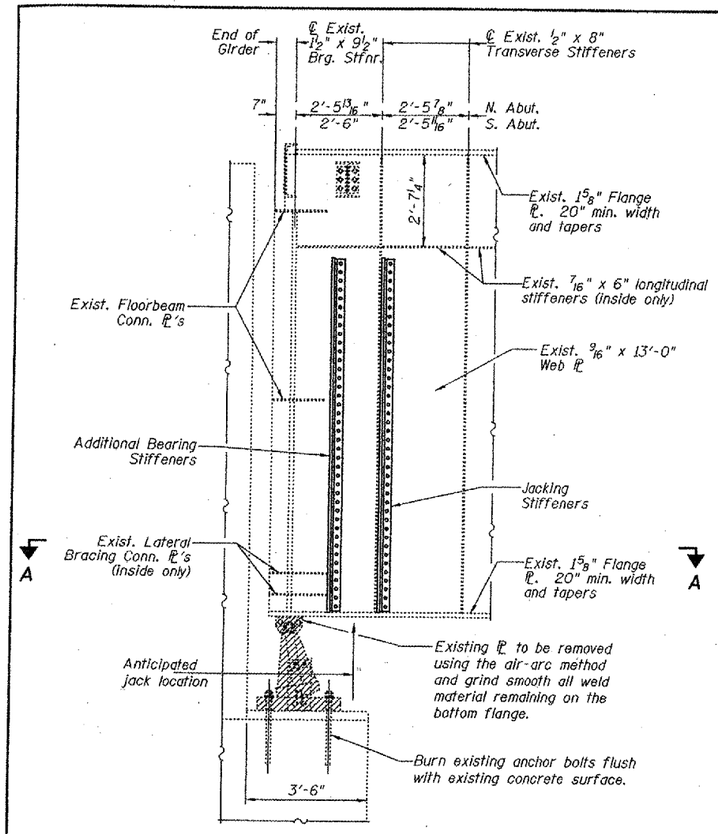
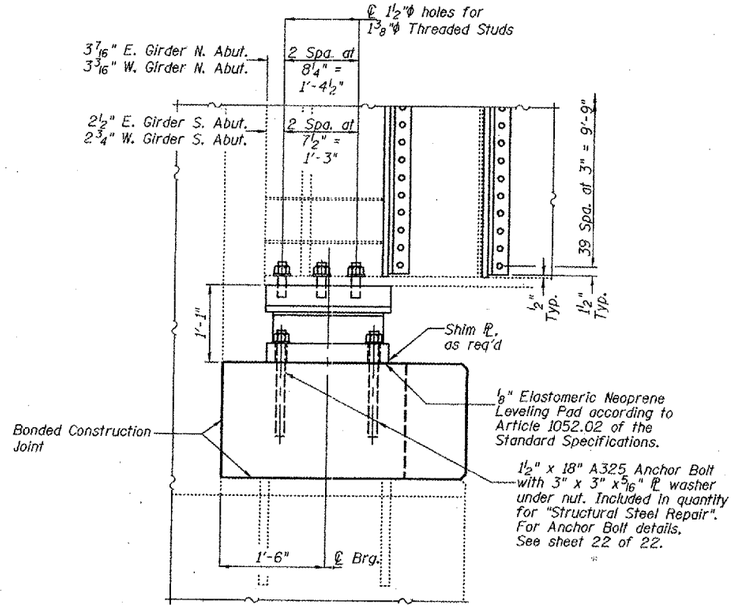
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONTRACT: 98990
ROUTE: INTERSTATE 24
SECTION: (64-3B) I-6
COUNTY: MASSAC, IL; McCRACKEN, KY
SHEET 96 OF 99
FOR INFORMATION ONLY

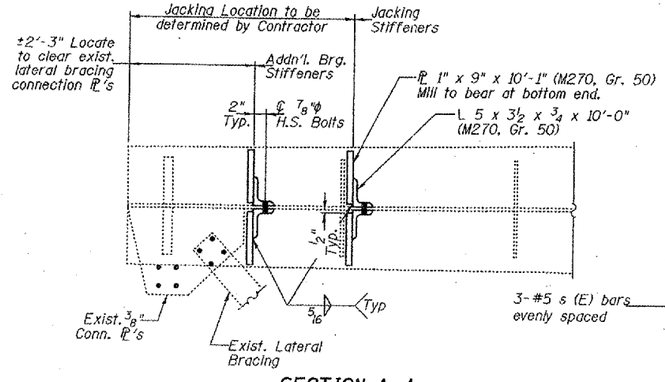


BEARING REMOVAL

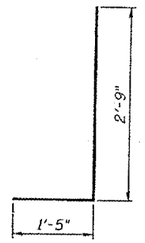
Install Additional bearing stiffeners and jacking stiffeners prior to jacking operations. Additional bearing stiffeners included in quantity for "Structural Steel Repair". Cost for Jacking stiffeners included with "Jacking and Cribbing".



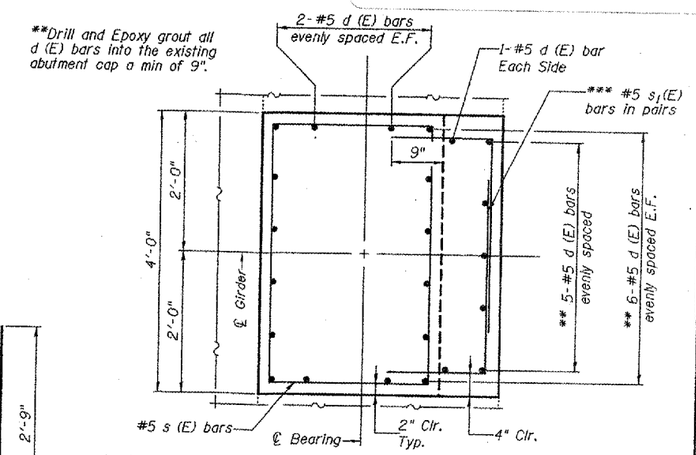
ABUTMENT ELEVATION



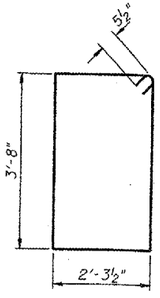
SECTION A-A



BAR s_1(E)



ABUTMENT PEDESTAL PLAN



BAR s (E)

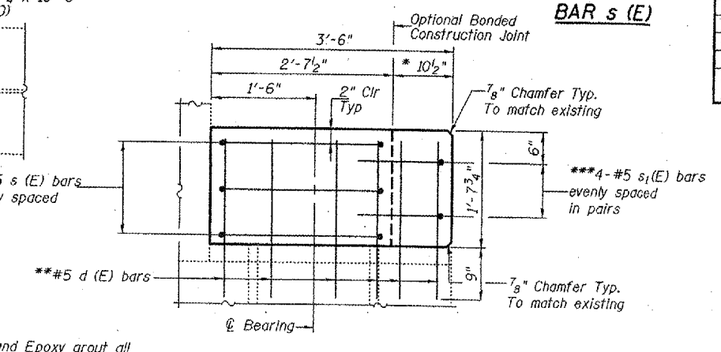
Min Bar Lap
#5 = 2'-2"

BILL OF MATERIAL
(Two Abutments)

Bar	No.	Size	Length	Shape
d (E)	92	#5	2'-3"	
s (E)	12	#5	12'-10"	□
s_1(E)	16	#5	4'-2"	L
Concrete Structures			Cu. Yd.	3.4
Structural Steel Repair			Pounds	4640
Reinforcement Bars, Epoxy Coated			Pound	450

Reinforcement bars designated (E) shall be epoxy coated.

Epoxy grout bars in accordance with Article 584 of the Standard Specifications. Cost is included in cost of Reinforcement Bars, Epoxy Coated.



ABUTMENT PEDESTAL ELEVATION

** This portion of the concrete pedestal is to be poured after the new bearing is installed and the jack has been removed.*

***Drill and Epoxy grout all s_1(E) bars into the new pedestal a min. of 9".

DESIGNED	P.S.J.
CHECKED	V.H.V.
DRAWN	Drew Christopher
CHECKED	P.S.J. V.H.V.

December 6, 2002
EXAMINED John A. Morris ENGINEER OF STRUCTURAL SERVICES
PASSED
ENGINEER OF BRIDGES AND STRUCTURES

REPAIR DETAIL "Q"
ABUTMENT BEARING REPLACEMENT
F.A.I. 24 OVER OHIO RIVER
MASSAC COUNTY
S.N. 064-0035