STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

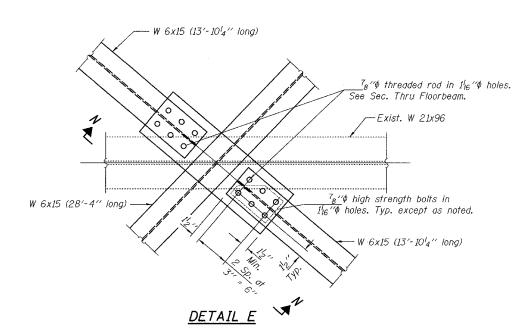
ROUTE NO.	SECTION	COUNTY		TOTAL SHEETS	SHE! NO
F.A.I. 57	(02-1B)I	ALEXANDER		12	i-
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-		

SHEET NO. 8

—Exist. W 21x96 Remove existing angles using the air-arc method, grind smooth all weld material remaining on the web, and inspect ground surfaces for cracks using dye penetrant or magnetic particle testing. Any cracks Field drill 11/6" pholes in bottom flange found shall be identified and reported to the Bureau of floorbeam for ${}^{7}8'' \phi \times 8''$ threaded rod. of Bridges and Structures for further disposition. Cost included with Furnishing and Erecting Cost included with Structural Steel Removal. Structural Steel. W 6x15 Typ. $^{7}8^{\prime\prime}\phi$ x 8'-9" rod in $1^{1}_{16}^{\prime\prime}\phi$ holes. Thread 6" each end. ASTM A307 Grade C,— ASTM M314 nuts & washers. - W 6x15 Typ.

P '2" x 7" x 1'-3'2"

SECTION N-N



SECTION THRU FLOORBEAM

Note: $^{7}8''$ splice bolts not shown for clarity. See Detail E.

DESIGNED		JSB
CHECKED		VHV
DRAWN		baliva
CHECKED	JSB	VHV

EXAMINED OF STRUCTURAL SERVICES
PASSED

MARCH 8, 2004

O ENGINEER OF STRUCTURAL SERVICES

ENGINEER OF BRIDGES AND STRUCTURES

REPAIR DETAILS

I-57 OVER CACHE RIVER

F.A.I. RTE. 57 - SEC. (02-1B)I

ALEXANDER COUNTY

STATION 943+72.00

SN 002-0003 (NB) & 002-0004 (SB)