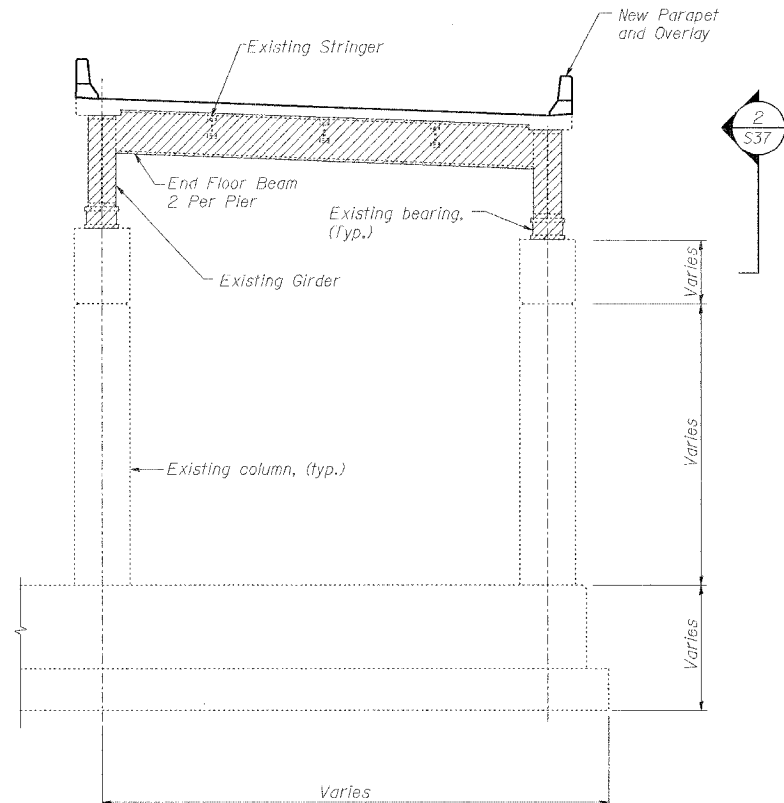
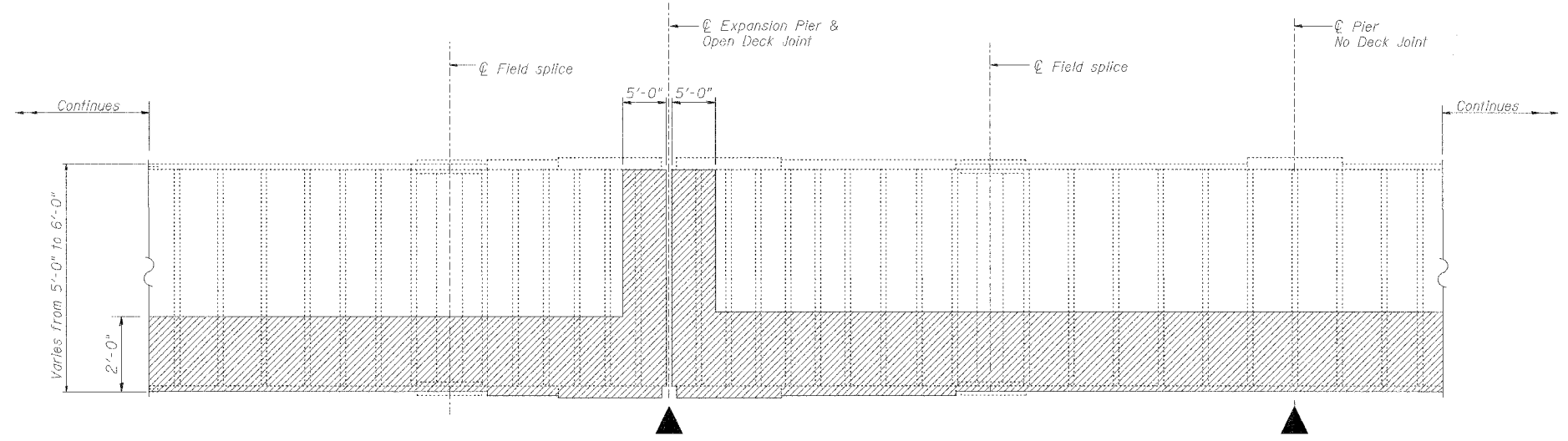


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	*	ST. CLAIR	111	60
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT- 15-78		

* 82-3HVB-3R-3 SHEET S-37 OF S-44
CONTRACT NO. 76305



1 S37 ELEVATION AT TYPICAL EXPANSION PIER



2 S37 ELEVATION OF TYPICAL GIRDER
N.T.S.

Legends:
Extent of area to be Cleaned and Painted
See Notes 1 thru 5

Span (Pier to Pier)	Girder	Location*	Bolts
D27 - D28	D1	FB Connection	2
D33 - D34	D2	Btwn. FB3 & FB4	8
D34 - D35	D2	Btwn. FB1 & FB2	4
D36 - D37	D1	Btwn. FB3 & FB4	12
D36 - D37	D2	Btwn. FB3 & FB4	2
D38 - D39	D1	Btwn. FB3 & FB4	6
D38 - D39	D2	Btwn. FB3 & FB4	10
D40 - D41	D1	Btwn. FB2 & FB3	4
D40 - D41	D2	Btwn. FB2 & FB3	4
D41 - D42	D1	Btwn. FB3 & FB4	8
D42 - D43	D1	Btwn. FB1 & FB2	12

Item	Unit	Quantity
Cleaning and Painting Steel Bridge No. 1	L. Sum	1
Containment and Disposal of Lead Paint Cleaning Residues, No. 1	L. Sum	1
Bolt Replacement	Each	72

- Notes:
- Cleaning and painting of the structural steel shall be as specified in the special provision for "Cleaning and Painting Existing Steel Structures." At each deck joint, all exposed surfaces of the following steel elements shall be cleaned per Near White Blast Cleaning - SSPC-SP10: both end floor beams, all bearings, and both girders within 5 ft (measured along the girder) of either side of the joint. Elsewhere, the bottom two feet on the exterior and interior surfaces of the two girders, as well as both girder bottom flanges, shall be cleaned per Power Tool Cleaning-Commercial Grade.
 - The designated areas cleaned per Near White Blast Cleaning - SSPC-SP10 and per Power Tool Cleaned- Commercial Grade shall be painted according to the requirements of Paint System 1 - OZ/E/U. The color of the finish coat for all surfaces shall be Interstate Green, Munsell No. 7.5 G 4/8.
 - The contractor shall submit calculations and details demonstrating the structural integrity of the bridge is maintained under the additional imposed loads of the containment system. see special provisions.
 - A minimum of 4 air monitors may be required to monitor abrasive blasting operations at the site, see special provision for "Containment and Disposal of Lead Paint Cleaning Residues."
 - Area to be cleaned and painted as indicated above extends from Pier D26 to Pier D46.

Note:
If additional loose, broken, severely corroded or missing bolts not listed in the above table are identified, the contractor shall also replace these bolts, as approved by the Engineer. Bolts are located at bottom flange splice plates.
*Floor beams are numbered starting with "FB0" at lower numbered pier listed

CLEANING AND PAINTING STRUCTURAL STEEL

NAME	DATE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
REHABILITATION AND RETROFIT REPAIRS
FAI ROUTE 70
POPLAR STREET BRIDGE APPROACHES
ST. CLAIR COUNTY
STRUCTURE NO. 082-0142 (RAMP S1)
SCALE:
DATE: 02/28/2006

DATE: 4/9/2006
FILENAME: P:\2001\1201-1800\2001.1240\drafting\roadwayrehab-de\vanpud\1_paint.dgn

DESIGNED	JEL
CHECKED	JPD
DRAWN	IMG
CHECKED	JEL