

Existing Structure: Weigh Station at O'Fallon was originally built in 1972 as F.A.I. Route 64, Section 82-7I-4, St.Clair County. The existing weigh scales shall be removed and replaced. See Scope of Work. Traffic will be detoured.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.
Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
The SSPC QP-1 and QP-2 Contractor Certifications will not be required for this Contract.

INDEX OF SHEETS

1. General Data
2. General Plan and Elevation
3. Superstructure Removal Details
4. Proposed Static Scale Component Details

SCOPE OF WORK

1. Remove existing concrete deck, structural steel beams, and scales.
2. Install new Weigh-Tronix Scales.

TOTAL BILL OF MATERIAL

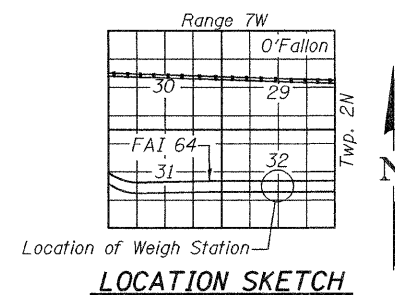
ITEM	UNIT	SUPER	SUB	TOTAL
Removal of Existing Superstructures	Each	1		1
Furnishing and Installing Static Scale Components	L.Sum	1.0		1.0

LOADING HS20-44
No future wearing surface allowed
DESIGN SPECIFICATIONS
2002 AASHTO

DESIGN STRESSES

NEW CONSTRUCTION
 $f'_c = 3,500$ psi (Deck and Pit)
 $f_y = 60,000$ psi (Reinforcement)
 $f_y = 36,000$ psi (Structural Steel AASHTO M270 Grade 36)

FIELD UNITS (WORKING STRESSES)
 $f_c = 1,000$ psi (Pit)
 $f_s = 20,000$ psi (Reinforcement)
 $f_s = 20,000$ psi (Structural Steel)



GENERAL DATA
STA. 843+49.94
O'FALLON WEIGH STATION

DESIGNED	<i>Patrick M. Polone</i>
CHECKED	<i>Jay D. Edwards</i>
DRAWN	BECKY M. LEACH
CHECKED	<i>mp</i>

April 21, 2009
 EXAMINED *Thomas J. Delle*
 ENGINEER OF BRIDGE DESIGN
 PASSED *Ralph E. Polone*
 ENGINEER OF BRIDGES AND STRUCTURES



EXPIRES 11-30-2010

SHEET NO. 1 4 SHEETS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	64	82-7I-4	ST. CLAIR	7	4
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT		
			CONTRACT NO. 76D03		