TOTAL BILL OF MATERIAL

			SUB		
ITEM	UNIT	SUPER	ABUT.	PIER	TOTAL
Slope Wall Removal	Sq. Yd.		14.6		14.6
Structure Excavation	Cu. Yd.		9.6		9.6
Concrete Structures	Cu. Yd.		10.2	15.3	25.5
Furnishing & Erecting Structural Steel	Pound	5420			5420
Cleaning and Painting Steel Bridge, No. 1	L. Sum	1			1
Reinforcement Bars, Epoxy Coated	Pound		1300	2400	3700
Bar Splicers	Each		14		14
Steel Railing, Type 2399	Foot	450			450
Slope Wall 4 Inch	Sq. Yd.		10.0		10.0
Elastomeric Bearing Assembly, Type I	Each		10	10	20
Anchor Bolts, 1"	Each		20	60	80
Concrete Sealer	Sq. Ft.		454	585	1039
Seismic Restrainer	Each	10			10
Containment and Disposal of Lead Paint Cleaning Residues No. 1	L. Sum	1			1
Jack and Remove Existing Bearings	Each	20			20

GENERAL NOTES

Fasteners shall be ASTM A325 Type 1, mechanically galvanized bolts. Bolts $^{7}_{8}$ " ϕ , holes $^{15}_{16}$ " ϕ , unless otherwise noted.

All structural steel associated with the bumpers, cable and bracket assemblies shall be AASHTO M 270 Grade 50. All other structural steel shall be AASHTO M 270 Grade 36. Reinforcement bars designated (E) shall be epoxy coated.

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.

Concrete Sealer shall be applied to the designated areas of the abutments and piers. No field welding is permitted except as specified in the contract documents. See sheet 20 of 20 for Paint Notes.

The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.

Existing structural steel that will be in contact with new structural steel shall be cleaned and painted prior to erection as required by the special provision "Cleaning and Painting Contact Surface Areas of Existing Steel Structures."

The Organic Zinc Rich Primer / Epoxy / Urethane Paint System shall be used for painting of new structural steel except where otherwise noted. The entire system shall be shop applied, with the exception that masked off connection surfaces, field installed fasteners and damaged areas shall be touched up in the field. The color of the final finish coat for all interior Bumpers and Brackets shall be Gray, Munsell No. 5B 7/1. The color of the final finish coat for the exterior Bumpers and Brackets attached to the fascia beams shall be Gray, Munsell No. 5B 7/1.

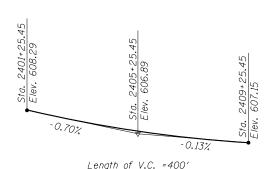
Shop drawings for bumpers and brackets shall be submitted and reviewed for approval according to Section 505.03 of the Standard Specifications.

Shop drawings for the Seismic Restrainers shall follow the guidelines as set fourth in the General Special Provision "Seismic Restrainers".

A minimum of 3 air monitors will be required to monitor abrasive blasting operations at this site. See special provision for "Containment and Disposal of Lead Paint Cleaning Residues".

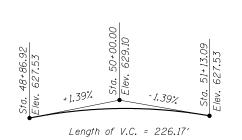
SCOPE OF WORK

- Install temporary jacking & cribbing system to support bridge dead & live load.
- 2. Remove & replace all existing roller and rocker bearings with new elastomeric bearings.
- 3. Extend & raise the existing bearing seats at the abutments.
- 4. Raise the existing bearing seats at Piers 1 & 3. All existing fixed bolster bearings shall be encased in the new pier cap.
- 5. Install side retainers at Abutments and Piers 1 & 3.
- 6. Install Bumpers, Brackets and Seismic Restrainers at Piers 1 & 3
- 7. Install Steel Railing Type 2399.
- 8. Completely Remove and Replace existing coating painting for Steel Bridge.
- 9. Construct crashwalls at piers.

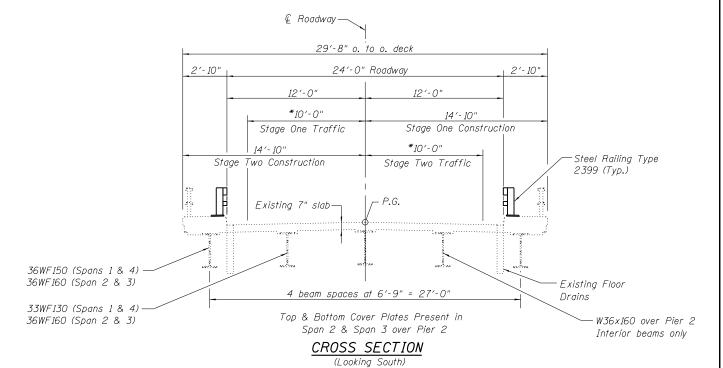


PROPOSED PROFILE GRADE

(F.A.I. E.B. & W.B. Route 70)



PROFILE GRADE
(Township Road 258)



* Lane Closure, 2L, 2W Bridge Repair for speeds > 45 mph. Std. 701316-07

FILE NAME = 0250062-74295-002.dgn USE

BERNARDIN *LOCHMUELLER A ASSOCIATES, NC. 3 OAK OFFRE SAME PHODE (191) 2114-465 PHODE (191) 2114-

USER NAME = DESIGNED - B.B. REVISED
CHECKED - A.C.S. REVISED
PLOT SCALE = DRAWN - B.B. REVISED
PLOT DATE = 2:29:36 PM 8/15/20/3 CHECKED - C.J.F. REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL DATA
STRUCTURE NO. 025-0062
SHEET NO. 2 OF 20 SHEETS

 A.I. RTE.
 SECTION
 COUNTY SHEETS
 TOTAL SHEETS NO.

 70
 (25-4HB-2)I
 EFFINGHAM 1760 1742

 CONTRACT NO. 74295

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