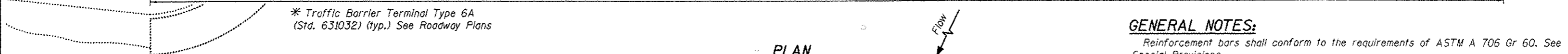
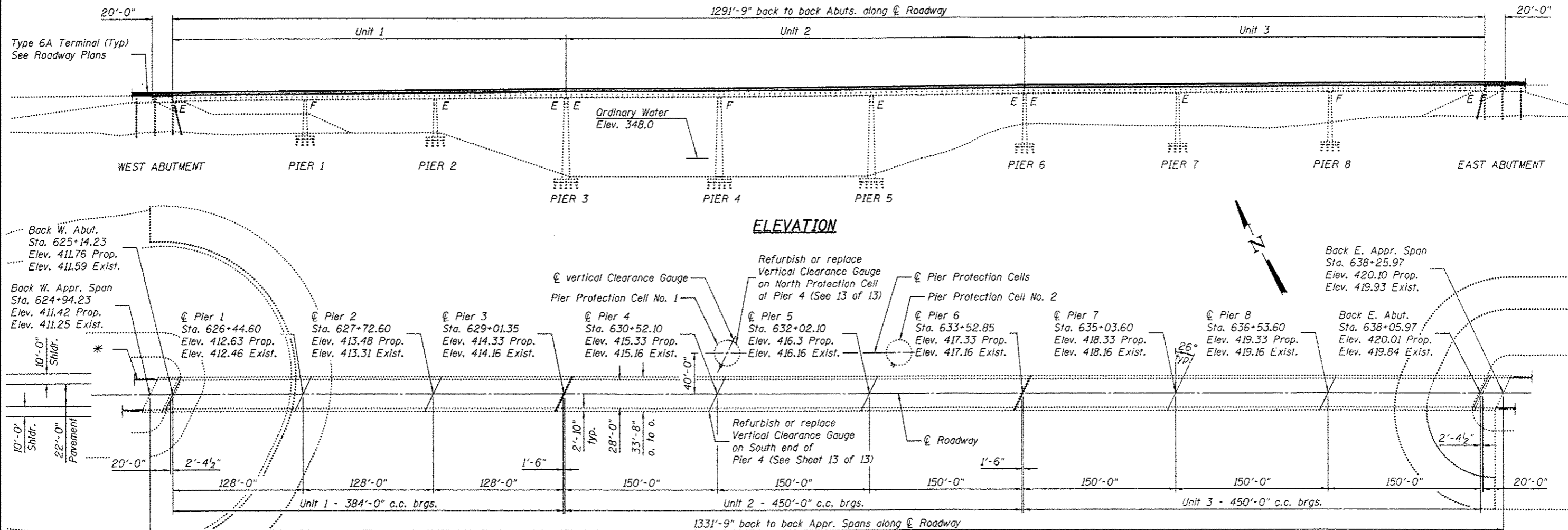


Existing Structure: S.N. 079-0019, originally constructed in 1961 as F.A. Route 182 Sec. 12-D-E-F & P at Station 631+60, using steel beams with 7" concrete deck, nine spans, 1,291'-9" back to back of abutments, 33'-8" out to out width, vaulted abutments on piles and hammerhead piers with footings on piles. Various repairs and maintenance between 1998 and 2011 including elastomeric bearing replacement, deck drains extended and plugged, beam straightening and deck patching.

Structure improvements include deck patching, placing waterproofing and asphalt overlay, replacing expansion joints, installing finger joint retrofit plates and bridge rails.

Road to be closed and traffic detoured during construction.



PLAN

* Traffic Barrier Terminal Type 6A (Std. 631032) (typ.) See Roadway Plans

Refurbish or replace Vertical Clearance Gauge on North Protection Cell at Pier 4 (See 13 of 13)

Refurbish or replace Vertical Clearance Gauge on South end of Pier 4 (See Sheet 13 of 13)

Flow

GENERAL NOTES:

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.

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.

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

Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when joint is paired at a temperature other than 50°F.



Signed:

Date: 12/14/2012

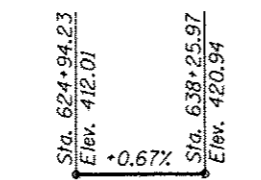
License Expires: 11/30/2014

TOTAL BILL OF MATERIAL

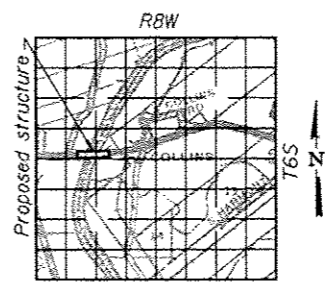
| ITEM | UNIT | TOTAL |
|--|---------|-------|
| Hot-Mix Asphalt Surface Course, Mix "C", N70 | Ton | 461 |
| Concrete Removal | Cu. Yd. | 9.0 |
| Concrete Superstructure | Cu. Yd. | 9.6 |
| Reinforcement Bars, Epoxy Coated | Pound | 1,320 |
| Steel Railing Type 2399 | Foot | 2,664 |
| Preformed Joint Strip Seal | Foot | 77.9 |
| Finger Plate Expansion Joint, 5" | Foot | 62.5 |
| Waterproofing Membrane System | Sq. Yd. | 4,116 |
| Deck Slab Repair (Full Depth, Type II) | Sq. Yd. | 51 |
| Deck Slab Repair (Partial) | Sq. Yd. | 746 |
| Vertical Clearance Gage | Each | 2 |

INDEX OF SHEETS

1. General Plan & Elevation
2. Cross Section
3. Joint Details at Abutments
4. Preformed Joint Strip Seal
5. Finger Plate Details at Pier No. 3 & Pier No. 6
6. Deck Patching Survey Unit 1
7. Deck Patching Survey Unit 1
8. Deck Patching Survey Unit 2
9. Deck Patching Survey Unit 2
10. Deck Patching Survey Unit 3
11. Deck Patching Survey Unit 3
12. Steel Railing Type 2399
13. Vertical Clearance Gauge Details



PROFILE GRADE
(along roadway)



LOCATION SKETCH

GENERAL PLAN & ELEVATION
ROOTS ROAD OVER KASKASKIA RIVER
F.A.S. ROUTE 858-SEC. 12VB-II
RANDOLPH COUNTY
STATION 631+60
STRUCTURE NO. 079-0019

EFK Moen, LLC
Civil Engineering Design
331 Salem Place, Suite 225
Fairview Heights, IL 62208
Phone 618-206-4250

| | | |
|------------------------------|-------------------|-----------|
| USER NAME - cd1 | DESIGNED - CTW | REVISED - |
| PLOT SCALE = 3/4" = 1' / IN. | CHECKED - CDL | REVISED - |
| PLOT DATE = 12/14/2012 | DRAWN - DP | REVISED - |
| | DATE - 12/14/2012 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET NO. 1 OF 13 SHEETS

| | | | | |
|---------------------------|-----------------|-----------------|-----------------|--------------------|
| F.A.S. RTE. 858 | SECTION 12VB-II | COUNTY RANDOLPH | TOTAL SHEETS 72 | SHEET NO. 34 |
| | | | | CONTRACT NO. 76409 |
| ILLINOIS FED. AID PROJECT | | | | |

PRINT DATE: 12/14/2012 6:43:11 AM Z:\11815_BLA_1001_Roots_Roadway_Signage\Drawings\12VB-II\12VB-II-RAND-079-0019-01-CP-01.dwg