

B.M. - Chiseled square on top of the SE Wing Wall. Elev. 726.04

Existing Structure - S.N. 101-3064 consists of a three span continuous steel beam reinforced concrete deck superstructure on solid reinforced concrete piers and spill-thru abutments. The existing bridge is 157'-7" long and 32'-0" wide. The bridge was built in 1969 under Section 144-B-CF.

Salvage - Existing Name Plate

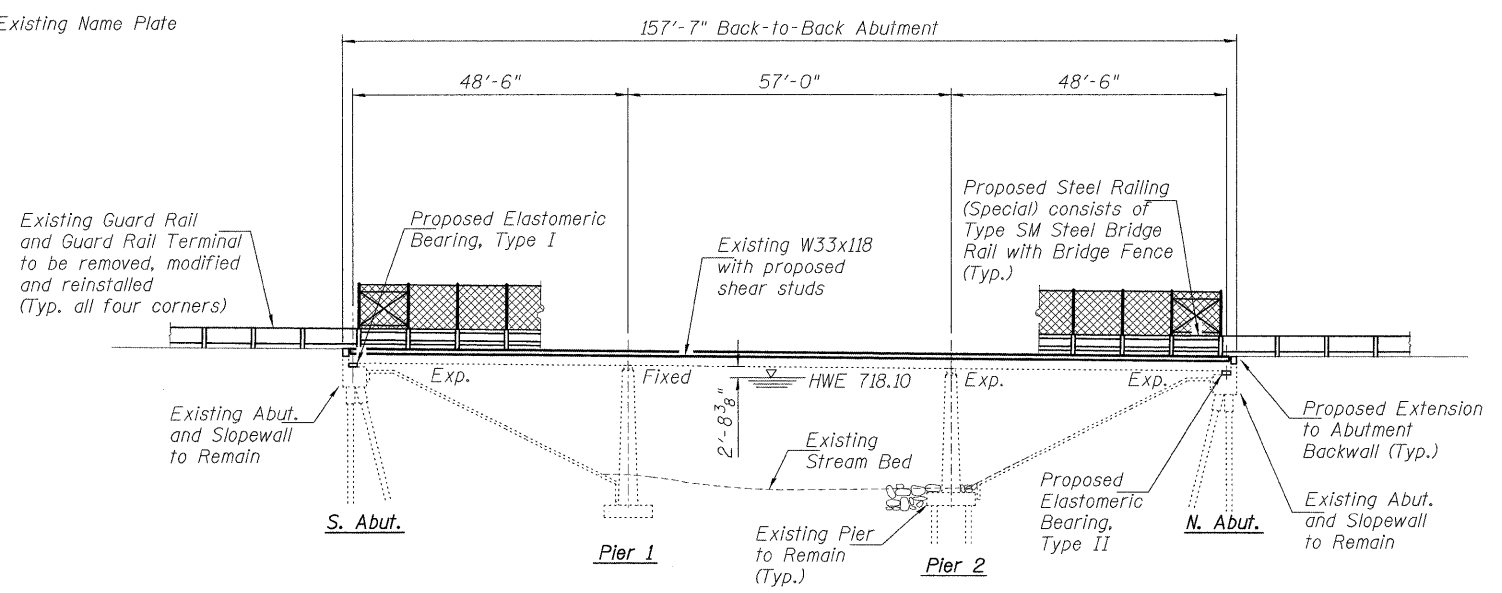
**KISHWAUKEE RIVER
RE-BUILT 20... BY
WINNEBAGO COUNTY
SEC. 08-00448-00-BR
F.A.U. RT. 5148 STA. 36+58.2
STR. NO. 101-3064 LOADING HS20-44**

LETTERING FOR NAME PLATE

Locate Name Plate at Corner of Bridge
(See Std. 515001-02 and General Note 9)

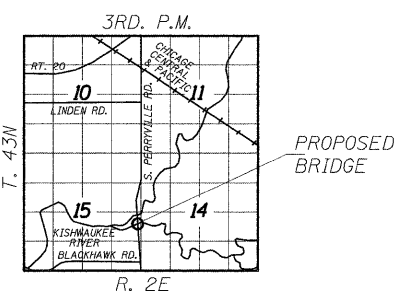
TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub.	Total
Removal of Existing Concrete Deck	L. Sum.	1	---	1
Concrete Superstructure	Cu. Yd.	141.4	2.8	144.2
Bridge Deck Grooving	Sq. Yd.	518	---	518
Protective Coat	Sq. Yd.	552	---	552
Furnishing & Erecting Structural Steel	Pound	1780	---	1780
Stud Shear Connectors	Each	2150	---	2150
Jack and Remove Existing Bearings	Each	10	---	10
Reinforcement Bars, Epoxy Coated	Lbs.	39070	510	39580
Steel Railing (Special)	Foot	315	---	315
Name Plates	Each	1	---	1
Preformed Joint Strip Seal	Foot	64	---	64
Elastomeric Bearing Assembly, Type I	Each	5	---	5
Elastomeric Bearing Assembly, Type II	Each	5	---	5
Anchor Bolts, 1"	Each	---	20	20
Drill and Grout Bars	Each	---	128	128



ELEVATION

Looking West



LOCATION SKETCH

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications - 17th ed.

LOADING HS20-44

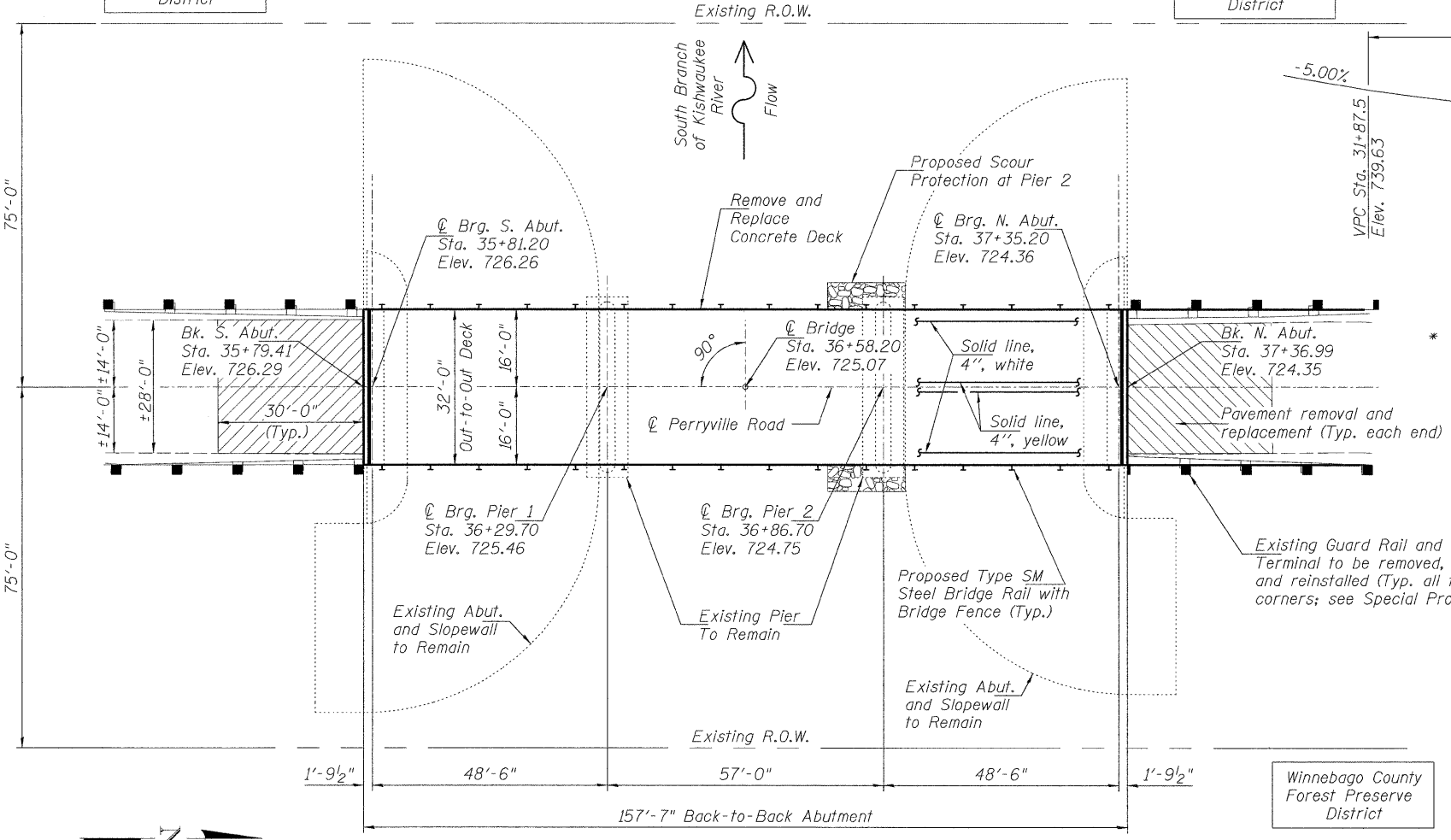
Allow 50 #/sq. ft. for future wearing surface.

GENERAL NOTES

1. Calculated weight of Structural Steel = 1780 lbs.
2. No field welding is permitted except as specified in the contract documents.
3. Reinforcement bars shall conform to the requirements of ASTM A 706, Grade 60. See Special Provisions.
4. Reinforcement bars designated (E) shall be epoxy coated.
5. Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete deck.
6. Plan dimensions and details relative to existing plans are subject to routine variation. 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 based upon the unit price for the work.
7. The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
8. The Contractor shall obtain a construction permit from the Illinois Department of Natural Resources (IDNR), Office of Water Resources, if required, for any temporary construction activity placed in the water except cofferdams. This shall include the placement of material for run-arounds, causeways, etc. Any permit application by the Contractor shall refer to the IDNR permit number as shown in the contract plans.
9. Existing Name Plate shall be cleaned and relocated next to new Name Plate. Cost included with Name Plates.

Winnebago County Forest Preserve District

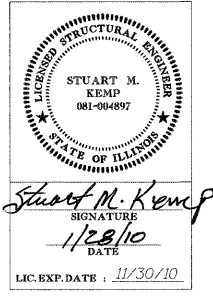
Winnebago County Forest Preserve District



PROFILE GRADE

Perryville Road

* All bridge elevations have been increased 0.12 ft. to accommodate IDOT policies for bridge deck thickness and minimum fillet thickness.



"I certify that to the best of my knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current 'AASHTO Standard Specifications for Highway Bridges.'"

GENERAL PLAN AND ELEVATION

**PERRYVILLE ROAD BRIDGE
OVER SOUTH BRANCH KISHWAUKEE RIVER
F.A.U. ROUTE 5148
SECTION 08-00448-00-BR
WINNEBAGO COUNTY
STRUCTURE NUMBER 101-3064
STATION 36+58.20**

LAYOUT	SMK	01/28/10
DRAWN	JDM	01/28/10
REVIEWED	SMK	01/28/10

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SHEET NO. 1	F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11 SHEETS	5148	08-00448-00-BR	Winnebago	14	4
			CONTRACT NO. 85509		
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT					