FOR INFORMATION ONLY

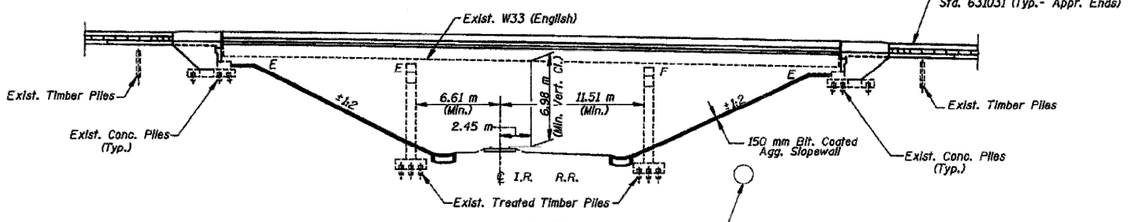
BENCHMARK:

R.R. Spike in P.P.
47.5 m Lt.
Sta. 15+615.700
Elev. = 222.817

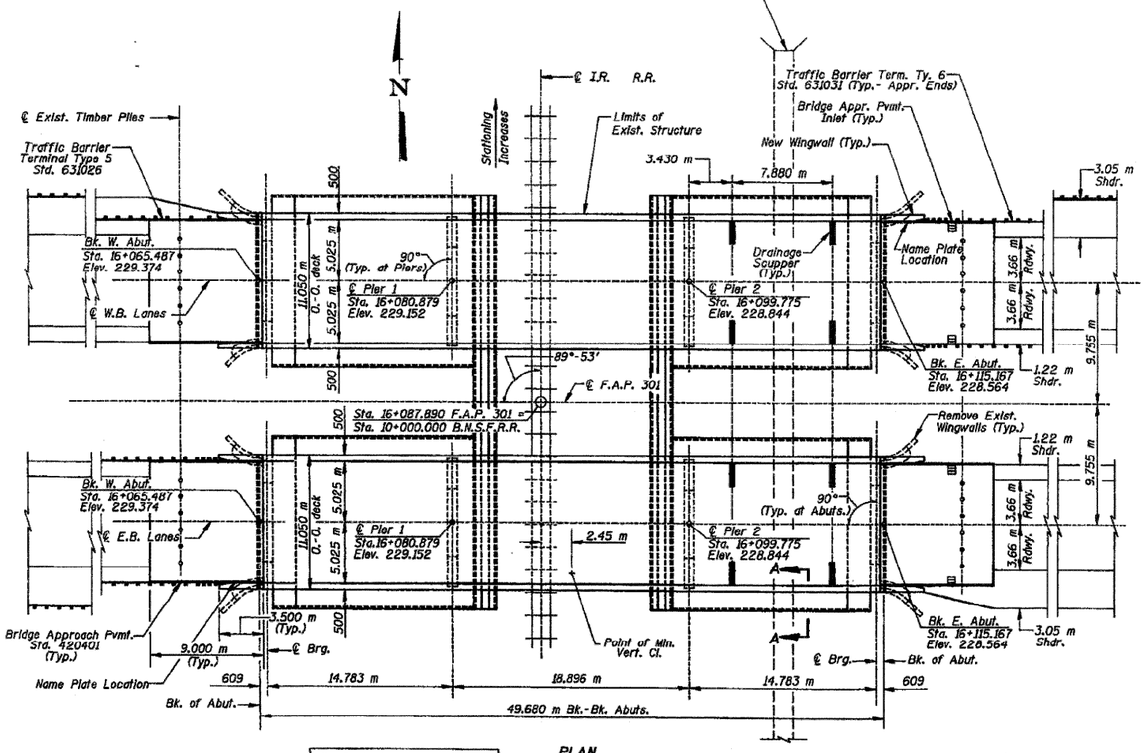
EXISTING STRUCTURES:

No. 101-0063 (E.B.) & 101-0064 (W.B.) Built as F.A. Rte. 194, Sec. 3 VB at Sta. 527+89.79 (English) in 1961. Overlaid with a waterproofing Membrane System & 38 mm of Bituminous Wearing Surface in 1971.
The Superstructure consists of a R.C. Non-Composite Deck 10.87 m O. to O. with Safety Walks and Steel Railing, supported on Three-Span W33 (English) Beams, with Bk. - Bk. Abuts. Length of 49.68 m.
The Substructure consists of Pile Bent Abutments & Conc. Solid single Hammerhead Piers W/ No Skew
Concrete Deck and Abutment Backwall & Wingwalls to be Removed and Replaced. (No Salvage)
Traffic Control shall be Maintained during the Deck & Backwall Replacement, by Median Crossovers.
Deck and Abutment Backwalls to be Removed and Replaced. (No Salvage)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



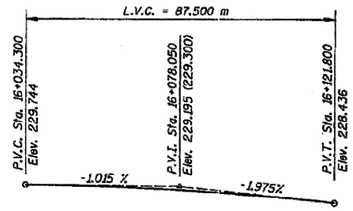
ELEVATION



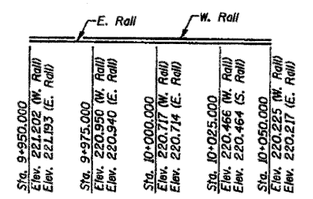
Km Post Mkr. Sta. 9+942.088
(57.912 m to Mile Post #20)

PLAN

APPROVED
FOR CONFORMANCE AND ADEQUACY ONLY
Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES



PROFILE GRADE F.A.P. 301
(E.B. & W.B. Lanes)



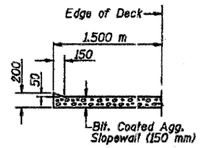
TOP OF RAIL ELEVATIONS
ILLINOIS RAILNET R.R.

STATION 16+090.327
REBUILT 20 BY
STATE OF ILLINOIS
F.A.P. RTE. 301 SEC. 3 VBR
F.A.P. PROJECT
LOADING MS18
STR. NO. 101-0063

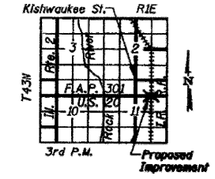
NAME PLATE
(See Std. 515001)
2-Required
E.B. Struct. Shown - W.B. Struct. Same Except Str. No. = 101-0064
(Existing name plate to be cleaned and relocated next to new plate. Cost included with "Name Plates".)

DESIGN SPECIFICATIONS
1996 AASHTO
LOADING MS18
Allow 1.2 kN/m² for future wearing surface.
DESIGN STRESSES
New Construction:
f'c = 24 MPa
fy = 400 MPa (Reinf.)

SEISMIC DATA
Seismic Performance Category (S.P.C.) = A
Bedrock Acceleration Coefficient (A) = 0.033 g
Site Coefficient (S) = 1.2



SECTION A-A



LOCATION SKETCH

For General Notes, Bill of Material & Section Thru Slopewall, See Sheet 3 of 21

Date: July 2, 1998
Keith W. Benting
Ill. Structural No. 4777

GENERAL PLAN AND ELEVATION

Date	Revisions	Designed	Drawn	Checked	Approved
		JMC	SRS	KWB	KWB

U.S. ROUTE 20 OVER
ILLINOIS RAILNET RAILROAD
F.A.P. RTE. 301 SECTION 3 VBR
WINNEBAGO COUNTY
STA. 16+090.327
STRUCTURES NO. 101-0063 (EB) & 101-0064 (WB)

Sheet No. 1 of 21

Prepared by: WVP CORPORATION — Engineers - Architects - Planners — A Division of WBS Group Inc. — Decatur, Illinois & St. Louis, Missouri - Chicago, Illinois
WVP Job No. 07DW40

LOCATION 2 STRUCTURES 101-0063 & 101-0064

• D2 Bridge Painting 2008-3

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		DRAWN -	REVISED -
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = Thu Jan 24 07:59:34 2008	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	•	WINNEBAGO	19	10
		CONTRACT NO. 64D91		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		