

County of Winnebago

ORIGINAL

HIGHWAY DEPARTMENT

424 North Springfield Avenue
Rockford, Illinois 61101-5097

Joseph A. Vanderwerff, Sr. P.E.
County Engineer

Phone (815) 319-4000
Fax (815) 965-6406

RECEIVED
SEP 24 2008

Illinois Commerce Commission
RAIL SAFETY SECTION

September 23, 2008

Lance T. Jones
Deputy Chief Counsel
Illinois Department of Transportation
2300 South Dirksen Parkway, Suite 311
Springfield, IL 62764

Ellen Schanzle-Haskins
Chief Counsel – IDOT
2300 South Dirksen Parkway, Room 300
Springfield, IL 62764

Christine Reed
Director of Highways – IDOT
ATTN: Jeff Harpring, Room 205
2300 South Dirksen Parkway
Springfield, IL 62764

Thomas Resch
General Manager
Illinois Railway
430 West Madison Street
Ottawa, IL 61350

Dave Lazarides
Director of Processing
Transportation Division
Illinois Commerce Commission
527 East Capitol Avenue
Springfield, IL 62794-9280

Joe Von De Bur
Railroad Safety Specialist
Illinois Commerce Commission
527 East Capitol Avenue
Springfield, IL 62701

**RE: ICC CASE NO. T08-0117
Beltline Bridge over Illinois Railway**

To All Parties Concerned:

In accordance with the Notice of Hearing entered on August 22, 2008 on ICC Case No. T08-0117, we are transmitting the enclosed Informational Exhibit with attachments for the Beltline Bridge over the Illinois Railway.

If you have any questions or require any additional information, please contact Dave Spotts of our office at 815/319-4042.

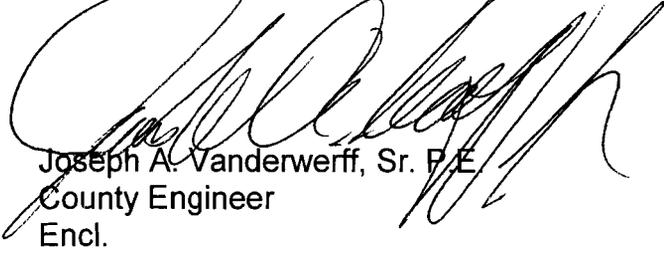
WPS
JJ
DT



DOCKETED

SEP 24 2008

Very truly yours,
Winnebago County Highway Department



Joseph A. Vanderwerff, Sr. P.E.
County Engineer
Encl.

County of Winnebago

HIGHWAY DEPARTMENT

424 North Springfield Avenue
Rockford, Illinois 61101-5097

Joseph A. Vanderwerff, Sr. P.E.
County Engineer

Phone (815) 319-4000
Fax (815) 965-6406

INFORMATIONAL EXHIBIT FOR ICC CASE NO. T-08-0117; REPLACEMENT OF AN OVERHEAD BRIDGE CARRYING BELTLINE ROAD OVER THE TRACKS OF THE ILLINOIS RAILWAY IN WINNEBAGO COUNTY, ILLINOIS

- The existing bridge has been partially funded for replacement with Illinois Major Bridge Program Funds by the Illinois Department of Transportation (See Attachment No. 1). Please note that IDOT's approval anticipated cost participation by the ICC.
- This improvement is included in the ICC's FY 2009-2013 Crossing Safety Improvement Program 5-Year Plan (See Attachment No. 2).
- The Design Report has been approved by IDOT (See Attachment No. 3).
- The Preliminary Plans have been reviewed by IDOT (See Attachment No. 4).
- The Preliminary Plans have been submitted to the Illinois Railway for their review and approval.
- This bridge is being replaced in conjunction with replacement of the Beltline Road bridge over the Kishwaukee River, which is located approximately 1,500 feet northwest of the railroad structure. The Major Bridge Program Funds for both bridges are programmed for FY-2009.
- Due to their deteriorated condition, these bridges need to be replaced as quickly as possible or it may be necessary to close Beltline Road to traffic.
- The existing railroad bridge is structurally deficient, as shown on the Master Bridge Report (See Attachment No. 5).
- The Plan & Profile Sheets for the total project are attached (See Attachment No. 6).





Illinois Department of Transportation

Office of the Secretary
2300 South Dirksen Parkway / Springfield, Illinois / 62764
Telephone 217/782-5597



September 11, 2007

Mr. Joseph A. Vanderwerff Sr., P.E.
County Engineer
Winnebago County Highway Department
424 North Springfield Avenue
Rockford, Illinois 61101-5097

Dear Mr. Vanderwerff:

Thank you for your Illinois Major Bridge Program funding application requesting replacement of the Beltline Road Bridge that carries County Highway 11 (FAU 5154) over the Illinois Rail Net Railroad (formerly BNSF Railroad) in Winnebago County. The bridge is located 0.8 mile west of Illinois 251, south of the Rockford Airport.

We are pleased to inform you that \$691,000 of FY 2012 Illinois Major Bridge Program funds for replacement of the Beltline Road Bridge over the Illinois Rail Net Railroad has been approved. We anticipate providing funding during FY 2012, subject to annual appropriation. The approved amount represents 80 percent of the eligible construction and construction engineering costs required in FY 2012 after the anticipated cost participation of the Illinois Commerce Commission (ICC).

The Illinois Major Bridge Program utilizes federal Highway Bridge Program funds and will follow procedures required for that program. Financial assistance from this program shall not exceed \$691,000 and must be matched with 20 percent local funds. Any cost increases associated with this project are the responsibility of the local agency.

Please contact Mr. Jason T. Nelson, Bureau Chief of Local Roads in our District Two office at 819 Depot Avenue, Dixon, Illinois, 61021-3500 (815-284-5380) for assistance in preparing the joint agreement. In addition, please keep the district informed regarding the status of this project.

Mr. Joseph A. Vanderwerff Sr, P.E.
September 11, 2007
Page 2

If we can be of further assistance in implementing this project, please contact Mr. Charles J. Ingersoll, Bureau Chief of Local Roads and Streets, at 2300 S. Dirksen Parkway, Springfield, Illinois 62764 (217-782-3805).

Sincerely,

SS 9-18-07

Milton R. Sees, P.E.
Acting Secretary

cc: David Lutyens, Winnebago County Highway Department
Michael Stead, Rail Safety Program Administrator, ICC

bcc: Acting Secretary Sees
Dick Smith
Kathy Ames
Richard Hunter
Charles J. Schmitt
Eric Harm

Charles J. Ingersoll, Rm. 205
Ralph Anderson, Rm. 240
George Ryan, Region 2 Engineer
Jason T. Nelson, District 2 LRS
Kevin Donner, District 2 LRS
Leigh Ann Lareau, LRS

STATE OF ILLINOIS



ILLINOIS COMMERCE COMMISSION
TRANSPORTATION DIVISION / RAIL SAFETY SECTION

Michael E. Stead

Rail Safety Program Administrator

April 4, 2008

Joseph Vanderwerff, P.E.
Winnebago County Engineer
424 N. Springfield Avenue
Rockford, IL 61101

Dear Mr. Vanderwerff:

Enclosed for your information is a list of safety improvements proposed for highway-rail grade crossing and bridge projects in Winnebago County. The projects are included in the Illinois Commerce Commission's FY 2009-2013 Crossing Safety Improvement Program 5-Year Plan (Plan). The list provides the following information:

- Project Status¹ (Active, Pending or Proposed)
- Fiscal Year
- Railroad Involved
- Location
- Type of Improvement
- Estimated Cost

Active Projects - Ordered by the Commission;

Pending Projects - Anticipated to be Ordered by the Commission by the end of FY 2008;

Proposed Projects - Part of the FY 2009-2013 Plan

[¹ NOTE: If no projects are planned for your County, no list will be enclosed with your letter.]

The Plan, recently approved by Illinois Commerce Commission, includes proposed safety improvement projects at highway-rail grade crossings and bridges for local roads and streets located throughout the state over the next 5 years. It is anticipated that over \$139 million in assistance from the Grade Crossing Protection Fund, administered by the Commission, will be made available to local highway agencies and railroads for these projects.

In order to conserve resources, we are not able to provide every local highway agency with a copy of the Plan. The document may be viewed, or a copy downloaded, from the document library on the Commission's web site (<http://www.icc.illinois.gov>). The Commission's goal is to maximize the efficient use of the Grade Crossing Protection Fund in the course of achieving the greatest amount of public safety per dollar spent.

If you have questions or need clarification about any of the information presented, please contact me at (217) 557-1285, or mstead@icc.illinois.gov.

Very truly yours,

A handwritten signature in black ink, appearing to read "Michael E. Stead".

Michael E. Stead
Rail Safety Program Administrator

Enclosure

FY 2009 Programmed Safety Improvement Projects

DOT#	RR	County	City	Location	Description of Improvement	FY	Total Est. Cost
080038P	IR	Winnebago	Rockford	Beltline Road	Grade Separation: Reconstruct	2009	\$2,240,000
290095H	CC	Winnebago	Winnebago	Falconer Road	Automatic Flashing Light Signals and Gates Install	2009	\$200,000

FY 2010-13 Programmed Safety Improvement Projects

DOT#	RR	County	City	Location	Description of Improvement	FY	Total Est. Cost
290114K	CC	Winnebago	Winnebago	Conger Road	Automatic Flashing Light Signals and Gates Install	2013	\$250,000
387274W	ICE	Winnebago	Machnesney Pk	Bergstrom Rd	Automatic Flashing Light Signals and Gates Install	2010	\$205,000

Active Safety Improvement Projects

DOT#	RR	County	City	Location	Description of Improvement	GCPF Amount
174655V, 290013Y	UP, CC	Winnebago	Rockford	Harrison Avenue	Grade Separation: Reconstruct	\$5,040,000

Pending FY 2008 Safety Improvement Projects

DOT#	RR	County	City	Location	Description of Improvement	Total Est. Cost
174419R	UP	Winnebago	Rockford	Winnebago Street	Automatic Flashing Light Signals and Gates Upgrade	\$210,000



Illinois Department of Transportation

Division of Highways / Region 2 / District 2
819 Depot Avenue / Dixon, Illinois / 61021-3500
Telephone 815/284-2271

HBP
Winnebago County
Section 04-00343-00-BR
Project BRM-5099(75)

March 27, 2008

Mr. Joe Vanderwerff, P.E.
Winnebago County Engineer
424 N. Springfield Avenue
Rockford, IL 61101

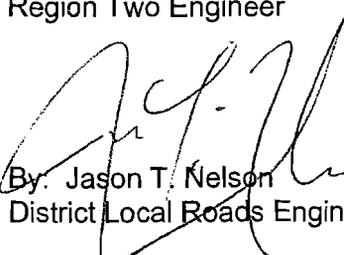
Dear Mr. Vanderwerff:

Categorical exclusion concurrence and design approval have been received for the subject project. Attached is your copy of the Project Development Report.

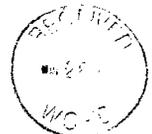
If you have any questions, please call Laura Connolly at (815) 284-5388.

Sincerely,

George F. Ryan, P.E.
Deputy Director of Highways,
Region Two Engineer


By: Jason T. Nelson
District Local Roads Engineer

Attachment
c: Jerry Hinrichs, Willett Hofmann & Associates
LC/pk 3-1-08



ATTACHMENT 3

WILLET



Illinois Department of Transportation

Division of Highways / Region 2 / District 2
819 Depot Avenue / Dixon, Illinois / 61021-3500
Telephone 815/284-2271

Manor Bridge
Winnebago County
Section 04-00343-00-BR
Project BRM-5099 (75)
Beltline Road Bridges

February 26, 2008

Mr. Joe Vanderwerff, Sr., P.E.
County Engineer
424 N. Springfield Avenue
Rockford, Illinois 61101-5097

Dear Mr. Vanderwerff:

The preliminary plans and special provisions for the subject project have been reviewed. They are being returned to Willett, Hofmann & Associates with a copy of this letter.

If you have any questions, please contact Laura Connolly at (815) 284-5388.

Sincerely,

George F. Ryan, P.E.
Deputy Director of Highways,
Region Two Engineer

By: Jason T. Nelson
District Local Roads Engineer

Enclosure
c: Willett, Hofmann & Associates
LC/js 2-26-08 Prelim Plans

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS STRUCTURE INFORMATION SYSTEM
MASTER REPORT
INVENTORY DATA

STRUCTURE NUMBER: 101 - 0027 DIST: 2

FACILITY CARRIED: BELT LINE RD.		BRIDGE NAME:		SUFFICIENCY RATING: 035.7	
FEATURE CROSSED: B N RAILROAD		LOCATION: 0.8 MI W OF ILL 251		HBRRP ELIGIBLE: YES	
BRIDGE REMARKS:		BRIDGE STATUS DATE: 04 / 1988		REPLACED BY: 000 - 0000	
BRIDGE STATUS: OPEN - NO RESTRICT				REPLACES: 000 - 0000	
STATUS REMARKS:				LAST UPDATE DATE: 11/22/2006	
MAINT COUNTY: WINNEBAGO		MAINT TOWNSHIP: ROCKFORD		PARALLEL STRUCTURE: NONE	
MAINT RESPONSIBILITY: COUNTY				MULTI-LEVEL STRUC NUMBER:	
SERVICE ON/UNDER: HIGHWAY / RAILROAD				SKEW DIR: RIGHT	
REPORTING AGENCY: COUNTY				SKEW ANGLE: 35 00 00	
MAIN SPAN MAT"L/TYPE: STEEL CONTINUOUS / STRINGER/MULTI-BEAM/GIRDER				STRUCTURE FLARED: NO	
NUMBER OF SPANS: (MAIN SPANS) - 03 (APPROACH SPANS) - 00				HISTORICAL SIGNIFICANCE: NO	
*** APPROACHES ***				BORDER BRIDGE STATE:	
NEAR #1 MAT"L/TYPE: /				BDR STATE SN:	
NEAR #2 MAT"L/TYPE: /				BDR STATE % RESPONSIBILITY: 00	
FAR #1 MAT"L/TYPE: /				STRUCTURAL STEEL WT: 000132700	
FAR #2 MAT"L/TYPE: /				SUBSTRUCTURE MATERIAL:	
MEDIAN WIDTH/TYPE: 00 FT. NONE		RATED BY: IDOT		RATING METHOD: LOAD FACTOR	
GUARDRAILS L/R: NONE NONE				INVENTORY RATING: HS 13.2 (224)	
TOLL FACILITY: NO TOLL				OPERATING RATING: HS 22.0 (240)	
LATITUDE: 42 D 10 M 37.10 S		LONGITUDE: 89 D 05 M 11.56 S		DESIGN LOAD: H20	
STRUCTURE LENGTH: 170.0		SIDEWALKS UNDER STRUCTURE: NONE			
AASHTO BRIDGE LENGTH: 99.9		SIDEWALK WIDTH RIGHT: 0.0		CULVERT FILL DEPTH: 0.0	
LENGTH OF LONG SPAN: 64.5		SIDEWALK WIDTH LEFT: 0.0		CULVERT CELLS(COUNT): 0	
BRIDGE ROADWAY WIDTH: 25.8		NAVIGATION CONTROL: N/A		CULVERT OPENING AREA: 0.0	
APPR ROADWAY WIDTH: 33.0		NAVIGATION HORZ CLEAR: 0000		CULVERT CELL HEIGHT: 0.00	
DECK WIDTH: 32.0		NAVIGATION VERT CLEAR: 000		CULVERT CELL WIDTH: 0.00	
DECK STRUCTURE TYPE: CIP CON NRMLLY FORM		DECK STRUCTURE THICKNESS: 9.5		*** RAILROAD CROSSING INFO ***	
				CROSSING 1 NBR: 080038P	
				CROSSING 2 NBR:	
				RR LATERAL UNDERCLEAR: 22.0	
				RR VERT UNDERCLEAR: 21 FT 08 IN	

*** KEY ROUTE ON DATA ***				*** KEY ROUTE UNDER DATA ***			
KEY ROUTE NBR:	FEDERAL-AID URBAN	5154	STATION:	2.28	0000	STATION:	0.00
APPURTENANCES:	MAIN ROUTE	0.000	SEGMENT:		0.000	SEGMENT:	
INVENTORY COUNTY:	WINNEBAGO		LINKED:	YES		LINKED:	
TOWNSHIP/ROAD DIST:	ROCKFORD						
MUNICIPALITY:	ROCKFORD						
URBAN AREA:	ROCKFORD						
FUNCTIONAL CLASS:	MINDR ARTERIAL (URBAN)		NATIONAL HWY SYSTEM:	NOT ON		NATIONAL HWY SYSTEM:	
** CLEARANCES **	SOUTH/EAST	NORTH/WEST	INVENTORY DIRECTION:	SOUTH	SOUTH/EAST	NORTH/WEST	INVENTORY DIRECTION:
MAX. RDWY WIDTH:	42.0 FT		ADT YR/COUNT: 2006 /	001450	0.0 FT		ADT YR/COUNT: 0000 /
HORIZONTAL:	29.8 FT	0.0 FT	TRUCK PERCENTAGE:	45	0.0 FT	0.0 FT	TRUCK PERCENTAGE:
MIN VERTICAL:	99 FT 11 IN	00 FT 00 IN	NUMBER OF LANES:	02	00 FT 00 IN	00 FT 00 IN	NUMBER OF LANES:
10 FT VERTICAL:	99 FT 11 IN	00 FT 00 IN	ONE OR TWO WAY:	TWO-WAY	00 FT 00 IN	00 FT 00 IN	ONE OR TWO WAY:
LATERAL:			BYPASS LENGTH:	07	0.0 FT	0.0 FT	BYPASS LENGTH:
			FUTURE ADT YR/COUNT: 2026 /	150			FUTURE ADT YR/COUNT: 0000 /
			DESIGNATED TRUCK ROUTE:	NO			DESIGNATED TRUCK ROUTE:
			SPECIAL SYSTEMS:	NO			SPECIAL SYSTEMS:

*** MARKED ROUTE ON DATA ***				*** MARKED ROUTE UNDER DATA ***			
ROUTE #1	DESIGNATION	KIND	NUMBER	ROUTE #1	DESIGNATION	KIND	NUMBER
ROUTE #2	MAINLINE	OTHER INCLUDING TOLL	5154	ROUTE #2			
ROUTE #3				ROUTE #3			

ATTACHMENT 5 (1 OF 2)

STRUCTURE NUMBER: 101 - 0027 DIST: 2 INSPECTION/IMPROVEMENT DATA

*** DATA RELATED TO INSPECTION INFORMATION ***

*** INSPECTION INTERVALS ***
ROUTINE NBIS: 12 MOS UNDERWATER: 00 MOS
FRACTURE CRITICAL: 00 MOS

*** MAXIMUM ALLOWABLE POSTING LIMITS ***
ONE TRUCK AT A TIME:
SINGLE UNIT VEHICLES: TONS
BRIDGE POSTING LEVEL: NO POSTING REQUIRED

COMBINATION TYPE 3S-1: TONS
COMBINATION TYPE 3S-2: TONS

*** INSPECTION / APPRAISAL INFORMATION ***

INSPECTION DATE: 07/05/2006 SPEC FEAT INV TYPES:
INSPECTION TEMPERATURE: +85 DEG. F.

DECK: 3 SERIOUS CONDITION - SIGNIFICANT SECTION LOSS
BRIDGE RAILING APPRAISAL: 2 DOESN'T MEET STANDARDS
APPROACH GUARDRAIL: 2 3 2 NOT ACCEPTABLE ACCEPTABLE NOT ACCEPTABLE
SUPERSTRUCTURE: 4 POOR CONDITION - ADVANCED DETERIORATION
SUBSTRUCTURE: 6 SATISFACTORY CONDITION - MINOR DETERIORATION
CHANNEL AND PROTECTION: N NOT APPLICABLE
CULVERT: N NOT APPLICABLE

STRUCTURAL EVALUATION: 4 MINIMUM ADEQUACY TO BE LEFT IN PLACE
DECK GEOMETRY: 4 MINIMUM ADEQUACY TO BE LEFT IN PLACE
UNDERCLEARANCE-VERT. LAT: 5 BETTER THAN ADEQUATE TO BE LEFT IN PLACE
WATERWAY ADEQUACY: N NOT APPLICABLE
APPROACH RDWY ALIGN: 8 EQUAL TO PRESENT DESIRABLE CRITERIA
PIER NAVIG PROTECTION: N N/A

INSPECTED BY (NAME1): F. ANDERSON 2 INSPECTED BY (NAME2):
INSPECTION REMARKS: 80% OF THE DECK SOFFIT IS MAP CRACKED WITH STALACTITIC LEACHING. FASCIA BEAM F FLANGES ARE EXTENSIVELY PACK RUSTED.

*** ACTUAL POSTED LIMITS ***
SINGLE UNIT VEHICLES: TONS
COMBINATION TYPE 3S-1: TONS
COMBINATION TYPE 3S-2: TONS
POSTED ONE TRUCK AT A TIME:

UTILITIES ATTACHED:

DECK WEARING SURFACE: BITUMINOUS OVERLAY
DECK MEMBRANE: WATERPROOF MEM SYST
DECK PROTECTION: NONE
TOTAL DECK THICKNESS: 09.5 IN

LAST PAINT DATE: 06/1985 LAST PAINT TYPE: LD FLD PRM AL FNL

*** UNDERWATER INSPECTION / APPRAISAL INFORMATION ***

INSPECTION DATE: 00/00/0000 INSPECTION CATEGORY:
TEMPERATURE: +0 F. INSPECTION METHOD:
INSPECTED BY (NAME1): INSPECTED BY (NAME2):
APPRAISAL RATING:
INSPECTION REMARKS:

*** SCOUR CRITICAL INFORMATION ***

APPRAISAL RATING:
ANALYSIS DATE: 00/00/0000 EVALUATION METHOD:
ANALYSIS BY (NAME):

*** MISCELLANEOUS ***

FRAC CRIT: NO INSP. DATE: / / APPR:
MICROFILM: YES

*** CONSTRUCTION INFORMATION ***

YEAR: 1943 ORIGINAL 0000 RECONSTRUCTED
ROUTE: FAP 179 STA: 148+18 STA:
SECTION NBR: 1-VB
CONTRACT NBR:
FED AID PR #: 00000000000000
BUILT BY: I.D.O.T.

*** WATERWAY INFORMATION ***

FLOOD DESIGN FREQUENCY: 000 YRS DRAINAGE AREA: 00000000.0 ACRE
FLOOD DESIGN Q (CFS): 0000000
FLOOD DESIGN NAT H W E: 0.00 FLOOD BASE Q (C F S): 0000000
FLOOD DES OPEN PROP: 0000000 SF FLOOD BASE NAT H W E: 0.00

*** PROPOSED IMPROVEMENTS ***

COST ESTIMATE YEAR: 1994 LENGTH: 000203
TYPE OF WORK: REPLACEMENT DUE TO SUBSTANDARD CAPACIT
DONE BY: CONTRACT
REMARKS:

*** COSTS IN DOLLARS ***
BRIDGE IMPROVEMENT COST: \$ 714,000
ROADWAY IMPROVEMENT COST: \$ 71,000
TOTAL PROJECT COST: \$ 1,071,000

ATTACHMENT 5 (2 OF 2)