

Fomer
& ~~Present~~ Bents

1 1/2" x 1'0" x 2'0" Asphalt planks with
6 30# Nails in each plank. Avoid
driving nails into joints of subfloor:
60# Nails 4x10 Nailing strip
(30# Nails) on each Bm.

PART DECK PLAN
GENERAL NOTES:

"As Built"
Compl. 5-1-47
F.X. Fischer

GENERAL PLAN

Mr. J. A. Williams

RECEIVED

NOV -2 1959

Division of Bridges

November 2, 1959

SURVEYS & PLANS: Overhead
Route SUU, Macon County
West of Callao
Railroad Bridge No. 79.95

Mr. C. A. Christensen, Engineer of Public Works
Chicago, Burlington & Quincy Railroad Company
547 West Jackson Boulevard
Chicago 6, Illinois

Dear Mr. Christensen:

Reference is made to your letter of October 28 and to previous correspondence relating to this Commission taking over the above structure for future maintenance and operation.

All repair work on this structure, including the extension thereto, has been completed and it is now in a satisfactory condition; therefore, the Commission will take over the structure for future maintenance and operation.

Very truly yours,

Chief Engineer

S
cc: Mr. J. A. Williams ✓
Mr. F. L. Stuckey
Mr. B. F. Leslie
file
RCJ:hh

J
mfm

October 28, 1959

BRIDGES: Maintenance
Supplementary Bridges Used in Place
Bridge W-401, Take-Over No. 1
Station 26+12.9 over C.B. & Q. R.R.
Route UU, Macon County

Mr. C. P. Owens:

An inspection has recently been made on a structure located one mile west of Callao and $\frac{1}{4}$ mile north of Route 36 over the C.B. & Q. Railroad.

Mr. Stuckey's letter of April 7, 1959, informed us that the structure was included with the entire length of the route when taken into the State Highway system, and no further agreements with the Railroad Company appeared necessary for the State Highway Commission to assume future maintenance on the structure, provided that the work proposed by the railroad is completed in a satisfactory manner.

The proposed work the Railroad Company has completed is satisfactory.


Bridge Engineer

cc: Mr. B. F. Leslie
Mr. F. L. Stuckey


SJW:mjs
file

RECEIVED

APR -9 1959

April 8, 1959 Division of Bridges

SUPPLEMENTARY HIGHWAYS & LOCAL ROADS
Project S-1966(1)
Grade Separation Structure
Route UU, Mason County

W-401

Mr. Frank L. Stuckey

The State Highway Commission has agreed to assume future maintenance of the CB&Q overhead structure on the above route provided that the company will paint the I-beams on this structure with two more coats of paint and extend the structure by adding a 16-foot span on each end.

It was called to our attention several days ago by Mr. E. R. McKee, District Maintenance Engineer, that the above structure is in failing condition and has been closed to traffic since Friday, April 3, 1959. The north end bent has settled approximately one foot and is leaning to the south. The next intermediate bent to the south also shows some settlement and is leaning to the south.

The railroad company plans to make repairs by jacking up and shimming over the pile caps, and we consider these repairs of a temporary nature only. We called this to the attention of Mr. J. A. Williams and on April 7 he and Mr. White inspected the bridge in the field and we presume that a report will be forthcoming from Mr. Williams to Mr. Roy Johnson so that the necessary steps may be taken to bring the structure up to a proper standard before the state assumes the responsibility of maintaining same.

This is for your information.

May 1, 1959
I discussed with Johnson & told him that we would require satisfactory spans at each end of structure

cc: Roy Johnson
J. A. Williams

B. F. Leslie
District Engineer

EEZ:jt

MISSOURI STATE
HIGHWAY DEPARTMENT

INTER-DEPARTMENT CORRESPONDENCE

April 7, 1959

DATE

SUBJECT

SURVEYS & PLANS: CB&Q Railroad Overhead
Route SUU, Macon County
West of Callao

W-401

1-Mi west of Callao
1/2 North of 36

TO

MEMO TO MR. E. E. ZELADE

I wish to advise that the above structure is in failing condition and has been closed to traffic since last Friday night, April 3, 1959.

The north end bent has settled approximately one foot and is leaning to the south. The next intermediate bent to the south also shows some settlement and is leaning to the south.

The Railroad Company plans to make repairs by jacking up and shimming over the pile caps. These repairs will only be temporary in my opinion.

This is for your information and consideration before making an agreement for taking over the bridge by the State.

E. R. McKee

E. R. McKee
District Engineer's Assistant

cc: Roy Johnson

JMN
Just G
gfo
WJH

RECEIVED

APR -7 1959

Division of Bridges
April 7, 1959

SUPPLEMENTARY HIGHWAYS AND LOCAL ROADS
Project S-1966(1)
Grade Separation Structure
Route UU, Macon County

Mr. C. P. Owens:

Attention: Mr. R. C. Johnson

We note by your letter of April 2 that the Burlington Railroad Company will put two coats of paint on the I-beams and extend the existing structure by the addition of a 16 foot span on each end.

Under these circumstances, since this is in accordance with recommendations of the Division of Bridges and since the entire length of the route, including the structure, has been taken into the State Highway System, no further agreements with the railroad company appear necessary in order for the State Highway Commission to assume future maintenance of the structure provided, of course, that the work proposed by the railroad company is completed in a satisfactory matter.

Frank L. Stuckey
Frank L. Stuckey, Engineer
Division of Supplementary Highways
and Local Roads

CC: B. F. Leslie
J. A. Williams

File

12-19-58 Mr. John W. Wheeler
Surveys & Plans: Overhead Crossing
Route UU, Macon County
West of Callao

2

In connection with our road work we plan, if possible, to intercept road ditch drainage at each end of the structure to prevent it from entering the railroad cut.

If you are agreeable to performing the above work with the idea that the Commission will take over the structure for future maintenance and operation, please advise.

Very truly yours,

Chief Engineer

cc: Mr. J. A. Williams ✓
Mr. F. L. Stuckey
Mr. B. F. Leslie
File
RCJ:hh

Handwritten signature and initials in the bottom left corner.

September 7, 1956

BRIDGES: Maintenance
Supplementary Bridges Used in Place
Bridge W-401, Take-Over No. 1
Station 26+12.9
Route UU, Macon County

Mr. F. D. Harris:

An inspection has recently been made on a structure located one mile west of Callao and $\frac{1}{2}$ mile north of Route 36 over the C.B. & Q. Railroad. This structure consists of 1-42' I-beam span and 8-16' creosoted timber spans with creosoted timber handrail and floor with asphalt block wearing surface. The width of roadway is 24'0". The substructure consists of creosoted pile bents.

The entire structure is in good condition except the structural steel has one coat of red lead paint and two top coats should be applied. The abutments set at the top of the railroad back slopes and another 16' span is needed at each end of the structure. Better drainage is needed both from the structure and from the road ditches to stop erosion of the cut back slopes from the railroad cut slopes.

This structure was built and designed for an H20 loading. The alignment, grades and visibility are good. The structure is not long enough for the crossing.

It will be satisfactory to use this structure in place when the adjacent road work is placed under contract with the structure to remain the property of the railroad company and to be maintained by them.

It will be necessary that the road plans provide for a better way to handle drainage from the road ditches at the north end of the structure.

However, if the railroad company desires that we take the structure into our supplementary system and maintain, it will be satisfactory provided that the railroad company paints the I-beams two more coats of paint, build an additional 16' span on each end of the structure, and provide better

ufm

drainage along the cut slopes to prevent erosion of the railroad back slopes through this section of cut, both from drainage off of the structure and from the side ditches.



Bridge Engineer

cc: Mr. B. F. Leslie
Mr. R. C. Johnson

✓
SJW:mjs
file

Law

August 20, 1956

BRIDGES: Maintenance
Supplementary Bridges Used in Place
Bridge W-401, Take-Over No. 1
Route UU, Macon County

Mr. B. F. Leslie:

Thank you for your letter of August 13,
together with used in place report and a set of plans
for the overhead crossing of the C.B. & Q. Railroad
on the above route.

We will arrange to inspect this crossing
as soon as possible.



Bridge Engineer

cc: Mr. White

mjs
file



RECEIVED
AUG 14 1956

BRIDGE REPORT

ON STRUCTURES USED IN PLACE

THIS REPORT TO BE FILLED IN WITH INK OR TYPEWRITER

UIP 738

Bureau of Bridges

COUNTY MOON PROJ. NO. Rt. U.U. STA. NO. 26+12.9 BRIDGE NO. 79.95 DESIGN NO. W-401
ON ROAD FROM Rt. 36 North to and North West; 1.06 MILES ~~W. OF~~ Callao
BRIDGE OVER C. B. & Q. R. R. SEC. 12 TWP. 57N RG. 16H
REPORTED BY R. Haller DATE April 1956
*GIVE ADJACENT TOWNS, EACH WAY, NOT TERMINAL POINTS OF ROUTE.

SUPERSTRUCTURE

TYPE OF STRUCTURE See plans attached (photostat)

LENGTH OUT TO OUT OF FLOOR	WIDTH BETWEEN CURBS	WIDTH OF SIDEWALKS	DISTANCE GRADE TO LOW CONST.	DISTANCE GRADE TO HIGH WATER	DISTANCE GRADE TO STREAM BED	EXPANSION PROVISIONS
167.3'	24'	None	—	—	—	—

CLEARANCE DIMENSIONS HEIGHT MIN. MAX. MIN. MAX.	TYPE AND SIZE OF		DESCRIPTION OF FLOOR DRAINAGE
	RAIL	CURB	
—	—	—	—

GENERAL CONDITION Good

SUBSTRUCTURE

ABUT- MENTS AND PIERS	MATERIAL	TYPE	TOP OF FOOTING TO BRIDGE SEAT	WIDTH OF BRIDGE SEAT	LENGTH OF BRIDGE SEAT	FOUNDATIONS (PILING)	WINGS (LENGTHS, ANGLES, ETC.)
WEST OR NORTH	<u>See plans attached</u> <u>Take into system</u> <u>if RR will extend, cover</u> <u>of drainage and take care</u> <u>of drainage</u>						
EAST OR SOUTH							
PIER							
PIER							
PIER							
PIER							

GENERAL CONDITION Good

GENERAL INFORMATION

DATE BUILT 5-1-47 BY — FABRICATOR (IF STEEL BRIDGE) —
CAN PLANS BE OBTAINED? Yes GIVE NAME AND ADDRESS Attached.
EXTREME HIGH WATER ELEV. — LOW WATER ELEV. — FL. FLOOR —
ALIGNMENT OF STRUCTURE — SKEW OF STRUCTURE —
STREAM ALIGNMENT ABOVE STRUCTURE — BELOW STRUCTURE —
RIP RAP — CHANNEL PROTECTION —
WHAT IS EFFECTIVE WATERWAY UNDER BRIDGE, AT 90° WITH DIRECTION OF FLOW, BELOW EXTREME HIGH WATER — SQ. FT. —
DOES THIS WATERWAY CARRY ENTIRE FLOOD DISCHARGE? —
DOES DRIFT PASS SATISFACTORILY? — DOES BRIDGE BACK UP WATER DURING FLOOD? —
IS THERE ANY INDICATION OF SCOUR AT PIERS OR ABUTMENTS? —
DRAINAGE AREA ABOVE BRIDGE SITE — SQ. MILES. HOW OBTAINED? —
CHARACTER OF DRAINAGE AREA: FLAT, ROLLING, HILLY, OR MOUNTAINOUS —

STEEL BRIDGES

TRUSSES			
TYPE OF TRUSSES	LENGTH OF SPANS—C. TO C.	NO. OF PANELS	LENGTH OF PANELS

PLATE GIRDERS				
LENGTH—C. TO C. OF BEARINGS	DEPTH—B. TO B. OF FLANGE ANGLES	WEB THICKNESS	FLANGE SECTION AT CENTER TOP BOTTOM	SIZE AND SPACING OF RIVETS IN FLANGE AT ENDS

BEAM SPANS			
LENGTH C. TO C. OF BEARINGS	SPACING OF BEAMS	SIZE AND SHAPE OF INSIDE BEAMS	SIZE AND SHAPE OF OUTSIDE BEAMS

ARCHES-FRAMES-SUSPENSIONS	
(DESCRIBE FULLY)	

FLOOR BEAMS AND CONNECTIONS						
TYPE	NUMBER	SPACING	SECTION	SIZE—SHAPE—NET SECTION	NO. & SIZE OF RIVETS FLOOR BEAM TO CONN.	NO. & SIZE RIVETS CONN. TO TRUSS
INTER-MEDIATE FLOOR BEAMS						
END FLOOR BEAMS						

STRINGERS					
KIND	NO. LINES	SIZE AND LENGTH	SPACING	FLANGE WIDTH	WEB THICKNESS
DO STRINGERS REST ON TOP OF FLOOR BEAMS	HOW FRAMED TO FLOOR BEAMS	NO. AND SIZE RIVETS STRINGER TO CONNECTION	NO. AND SIZE RIVETS CONNECTION TO FLOOR BEAM		

ARE SHELF ANGLES USED	END STRINGERS —LENGTH	SUPPORTS
-----------------------	-----------------------	----------

FLOOR			
TYPE	INCHES THICK	WEARING SURFACE	INCHES THICK
HOW FASTENED TO STRINGERS			

STRUCTURE INVENTORY & APPRAISAL SHEET

COUNTY MACON BRIDGE NO. H-4010 ROUTE UU

PLATE 14

(REV: 12-78)

IDENTIFICATION

1 State MISSOURI
 2 Hwy District _____
 3 County _____
 4 City/Town _____
 5 Inventory Rte. _____ On ☐ Under ☐
 6 Features Intersected _____
 7 Facility Carried by Struct. _____
 8 Structure No. _____ of _____
 9 Location _____
 10 Milepoint _____
 11 Road Section No. _____
 12 Defense Bridge Description _____
 13 Defense Milepoint _____
 14 Defense Section Length _____
 15 Latitude _____
 16 Longitude _____
 17 Physical Vulnerability _____
 18 By-pass, Detour Length _____
 19 Toll Bridge ☐ On Toll Rd. ☐ On Free Rd. ☐
 20 Custodian M.S.H.D.
 21 Owner M.S.H.D.
 22 F.A.P. No. _____
 23 _____

CLASSIFICATION

24 Fed. Aid System _____
 25 Administrative STATE
 26 Functional _____

By _____ Date _____

Transfer of Data _____
 Condition Analysis _____
 Appraisal _____
 Cost _____
 General Review _____
 Maintenance Inspection _____

STRUCTURE DATA

27 Year Built _____
 28 Lanes on Str. _____ Under _____
 29 ADT on Str. _____ 30 Year _____
 31 Design Load _____
 32 Appr. Rdwy Width W/Sh'd. _____
 33 Br. Median ☐ None ☐ Open ☐ Closed
 34 Skew _____
 35 Struct. Flared ☐ Yes ☐ No
 36 Traffic Safety Features ☐ ☐ ☐ ☐
 37 Drainage Area _____ Sq. Mi.
 38 Navigation Control ☐ Yes ☐ No
 39 -Vertical _____ Ft
 40 -Horizontal _____ Ft
 41 Open to Traffic ☐ Load Posted ☐ Closed ☐
 42 Br. Sur. Report Available ☐ Yes ☐ No
 43 Utility Attachments ☐ Yes ☐ No

42 Type Service _____
 43 Structure Type-Main _____
 44 -Approach _____
 45 No. of Spans-Main _____
 46 -Approach _____
 47 Total Horiz. Clear. _____ Ft
 48 Max. Span Length _____ Ft
 49 Structure Length _____ Ft
 50 Sidewalk Rt _____ Ft Lt _____ Ft
 51 Br. Width (Curb-Curb) _____ Ft
 52 Deck Width (Out-Out) _____ Ft
 53 Vert. Clearance Over Deck _____ "
 54 Under Clearance-Vertical _____ "
 55 -Lateral-Right _____ Ft
 56 -Left _____ Ft
 57 Wearing Surface Type _____ CODE _____

CONDITION

58 Deck _____
 59 Superstructure _____
 60 Substructure _____
 61 Channel & Channel Protection _____
 62 Culvert & Retaining Walls _____
 63 Estimated Remaining Life _____
 64 Operating Rating _____
 65 Approach Roadway Alignment _____
 66 Inventory Rating _____

Material

Condition Analysis

Rating
(9-0)

APPRAISAL

67 Structural Condition _____
 68 Deck Geometry _____
 69 Under Clearances-Vert. & Lateral _____
 70 Safe Load Capacity _____
 71 Waterway Adequacy _____
 72 Approach Roadway Alignment _____

Deficiencies

Rating
(9-0)

REMARKS Bridge Floor is Timber with Asph Overlay

PROPOSED IMPROVEMENTS

73 Year Needed _____ Completed _____ Describe (item 75) _____
 74 Type of Service _____
 75 Type of Work _____
 76 Improvement Length _____ Ft _____
 77 Design Loading _____
 78 Roadway Width _____ Ft _____
 79 Number of Lanes _____ 82 Prop. Rdwy Improvement-Year _____
 80 ADT _____ 81 Year _____ 83 -Type _____
 84 Estimated Cost of Improvements \$ _____,000.
 85 Estimated Cost of Preliminary Engineering \$ _____,000.
 86 Estimated Cost to Demolish Existing Structure \$ _____,000.
 87 Estimated Cost to Construct Proposed Substructure \$ _____,000.
 88 Estimated Cost to Construct Proposed Superstructure \$ _____,000.
 89

90 Date Structure was Inspected

{ MM DD YY }
 { Month Day Year }

C Year Remodeled _____
 D Structure Plans on Microfilm Roll _____ Exposure _____

GRADE SEPARATIONS

TYPE OF SEPARATION OVERHEAD
 UNDERPASS

SEPARATION OF

MAINTENANCE OF STRUCTURE BY

MAINTENANCE OF APPROACHES BY

MAINTENANCE OF DRAINAGE BY

MAINTENANCE OF LIGHTS BY

PROVISION FOR FUTURE R. R. DEVELOPMENT

ADDITIONAL INFORMATION

SHOW BELOW—BY SKETCH NO. OF TRACKS; R. R. AND HIGHWAY ALIGNMENT; SUBWAY CLEARANCES—HORIZONTAL AND VERTICAL

NOTE: SHOW STRUCTURAL DETAILS UNDER PROPER HEADING.

STREAM CROSSINGS

DESCRIBE FULLY LOW WATER BRIDGES, FORDS OR FERRY CROSSINGS

SKETCHES OF STRUCTURE

NOTES: SHOW ELEVATION AND PLAN OF STRUCTURE.
MAKE SKETCHES LARGE ENOUGH TO SHOW SIZES OF EACH MEMBER.
SKETCHES TO BE IN INK.
USE SEPARATE SHEETS FOR STRUCTURAL SKETCHES IF ADDITIONAL SPACE IS REQUIRED.

JEFFERSON CITY PRINTING CO.

1/4 Mi. N. R236

BUREAU OF BRIDGES

BRIDGE INSPECTION REPORT

FORM NO. B-702R

COUNTY Macon ROUTE NUMBER UU BRIDGE NUMBER 1 DESIGN NUMBER W401
 DATE OF INSPECTION 8-29-56 INSPECTION MADE BY AYW
 TYPE OF SUPERSTR 8-16' timber sp. + 1-42' I 24' bdy TYPE OF SUBSTR. cross pile & timber

SUPERSTRUCTURE

- 1 TYPE AND CONDITION OF FLOOR AND WEARING SURFACE timber + asphalt blocks 12x24x1"
- 2 CONDITION OF DRAINAGE CO
- 3 CONDITION OF RAILING, CURBS, ETC. good
- 4 CONDITION OF MAIN MEMBERS (TRUSSES, GIRDERS, BEAMS, ARCHES) 9 rusty cross timbers (mostly)
- 5 CONDITION OF FLOOR BEAMS AND CONNECTIONS F
- 6 CONDITION OF JOISTS AND CONNECTIONS F
- 7 CONDITION OF PAINT AND EXTENT OF CORROSION red needs 2 more coats

EXPANSION DEVICES AND SUPERSTRUCTURE SUPPORTS

- 8 ARE THEY FUNCTIONING PROPERLY 9 DO THEY REQUIRE 10 IS PROPER EXPANSION SPACE PROVIDED
- | ROLLERS | | ROCKERS | | SLIDING PLATES | | CLEANING | | PAINTING | | OILING | | W. OR N. ABUT. | | E. OR S. ABUT. | | PIERS | |
|---------|----|---------|----|-------------------------------------|----|----------|----|----------|----|--------|----|----------------|----|----------------|----|-------|----|
| YES | NO | YES | NO | YES | NO | YES | NO | YES | NO | YES | NO | YES | NO | YES | NO | YES | NO |
| | | | | ☒ | | | | | | | | | | | | | |

- 11 DESCRIBE ANY DAMAGE TO STRUCTURE BY COLLISION, OVERLOADING, OR OTHER CAUSES

SUBSTRUCTURE

				IS THERE ANY											
		MATERIAL	CONDITION	SETTLING		SLIDING		TILTING		CRACKING		UNDERMINING		DISINTEGRATING	
				YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
12	W. OR N. ABUTMENT	<i>Cross pile</i>	<i>good</i>		—		—		—		—		—		—
13	E. OR S. ABUTMENT		—		—		—		—		—		—		—
14	PIER	<i>8b</i>	—		—		—		—		—		—		—
15	PIER														
16	PIER														
17	PIER														
18	PIER														
19	DESCRIBE IN DETAIL THE LOCATION, EXTENT, AND CAUSE OF ANY UNSATISFACTORY CONDITION LISTED ABOVE <i>none</i>														

- 19 DESCRIBE IN DETAIL THE LOCATION, EXTENT, AND CAUSE OF ANY UNSATISFACTORY CONDITION LISTED ABOVE RR

- 20 IF A SKEWED STRUCTURE, HAS THE SUPERSTRUCTURE MOVED TRANSVERSELY?

- 21 CONDITION OF RIPRAP

- 22 DESCRIBE DAMAGE, IF ANY, TO BACKWALLS AND WINGS good fill out in front & slope too steep

GENERAL

- 23 ARE PROPER EXPANSION JOINTS PROVIDED IN RIGID PAVEMENT TO PROTECT STRUCTURE? RR

- 24 CONDITION OF STREAM CHANNEL AT, ABOVE, AND BELOW BRIDGE SITE RR

- 25 HAVE THE FOLLOWING REPAIRS, RECOMMENDED LAST YEAR, BEEN MADE?

g g
g g
y g

- 26 REMARKS

BRIDGE INSPECTION REPORT

COUNTY	ROUTE NUMBER	BRIDGE NUMBER	DESIGN NUMBER
DATE OF INSPECTION	INSPECTION MADE BY		
TYPE OF SUPERSTR.	TYPE OF SUBSTR.		
27 REPAIRS RECOMMENDED			
<i>vip Have railroad paint 2 more coats of paint to the beams.</i> <i>(Armor coat seal over the plastic) prot. Hydras</i> <i>Add a ^{16'} span each end and provide better road way ditch drainage at all corners</i>			
28 TOTAL ESTIMATED COST OF REPAIRS RECOMMENDED		\$	
29 REPAIRS COMPLETED TO SUPERSTRUCTURE			

30 ACTUAL COST OF REPAIRS TO SUPERSTRUCTURE		\$	
31 REPAIRS COMPLETED TO SUBSTRUCTURE			
32 ACTUAL COST OF REPAIRS TO SUBSTRUCTURE		\$	
33 DATE WORK WAS COMPLETED		GRAND TOTAL COST OF WORK COMPLETED	
34 HOW MUCH OF ITEM 33 IS DUE TO FLOOD DAMAGE?		\$	
HAS ANY MONEY BEEN SPENT IN VALLEY CROSSING FROM SPECIAL FUNDS?			
AMOUNT SPENT \$		AFE NO.	
HOW MUCH SPECIAL FUNDS WAS SPENT AT BRIDGE ENDS?		\$	
HOW MUCH WAS SPENT SOME DISTANCE FROM BRIDGE?		\$	

REMARKS:

COUNTY	Macon	ROUTE NUMBER	UU	BRIDGE NUMBER	1	DESIGN NUMBER	W-401
DATE OF INSPECTION	5-14-56	INSPECTION MADE BY	HVG:CC				
TYPE OF SUPERSTR.	16'± Timb. 14'± 1-Bm. 24'±	TYPE OF SUBSTR.	Timber				
	Wood	SUPERSTRUCTURE	RR				
1 TYPE AND CONDITION OF FLOOR AND WEARING SURFACE	Wood & Asphalt Blocks 12" x 24" x 1"						
2 CONDITION OF DRAINAGE	CO						
3 CONDITION OF RAILING, CURBS, ETC.	Good						
4 CONDITION OF MAIN MEMBERS (TRUSSES, GIRDERS, BEAMS, ARCHES)	Good						
5 CONDITION OF FLOOR BEAMS AND CONNECTIONS	---						
6 CONDITION OF JOISTS AND CONNECTIONS	---						
7 CONDITION OF PAINT AND EXTENT OF CORROSION	Dark Red Fair						

EXPANSION DEVICES AND SUPERSTRUCTURE SUPPORTS

8 ARE THEY FUNCTIONING PROPERLY	9 DO THEY REQUIRE	10 IS PROPER EXPANSION SPACE PROVIDED
ROLLERS YES NO	ROCKERS YES NO	SLIDING PLATES YES NO
CLEANING YES NO	PAINTING YES NO	OILING YES NO
W. OR N. ABUT. YES NO	E. OR S. ABUT. YES NO	PIERS YES NO

11 DESCRIBE ANY DAMAGE TO STRUCTURE BY COLLISION, OVERLOADING, OR OTHER CAUSES

SUBSTRUCTURE

	MATERIAL	CONDITION	IS THERE ANY											
			SETTLING		SLIDING		TILTING		CRACKING		UNDERMINING		DISINTEGRATING	
			YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
12 W. OR N. ABUTMENT	Crao TP	Good												
13 E. OR S. ABUTMENT	"	"												
14 PIER	8b	"												
15 PIER														
16 PIER														
17 PIER														
18 PIER														

19 DESCRIBE IN DETAIL THE LOCATION, EXTENT AND CAUSE OF ANY UNSATISFACTORY CONDITION LISTED ABOVE

20 IF A SKEWED STRUCTURE, HAS THE SUPERSTRUCTURE MOVED TRANSVERSELY? **---**

21 CONDITION OF RIPRAP **---**

22 DESCRIBE DAMAGE, IF ANY, TO BACKWALLS AND WINGS **None**

GENERAL

23 ARE PROPER EXPANSION JOINTS PROVIDED IN RIGID PAVEMENT TO PROTECT STRUCTURE?

24 CONDITION OF STREAM CHANNEL AT, ABOVE, AND BELOW BRIDGE SITE **RR C.B. & Q**

25 HAVE THE FOLLOWING REPAIRS, RECOMMENDED LAST YEAR, BEEN MADE? **10 I-Bms.**

A - Q

G - Q

V - Q

C - RR

26 REMARKS **Get UIP**

BRIDGE INSPECTION REPORT

COUNTY	ROUTE NUMBER	BRIDGE NUMBER	DESIGN NUMBER
DATE OF INSPECTION		INSPECTION MADE BY	
TYPE OF SUPERSTR.		TYPE OF SUBSTR.	
27 REPAIRS RECOMMENDED			
T.R. None			
P.R. Add a span on each end. Paint HB & I-Beams. Place light mat on floor.			
28 TOTAL ESTIMATED COST OF REPAIRS RECOMMENDED			\$
29 REPAIRS COMPLETED TO SUPERSTRUCTURE			
30 ACTUAL COST OF REPAIRS TO SUPERSTRUCTURE			\$
31 REPAIRS COMPLETED TO SUBSTRUCTURE			
32 ACTUAL COST OF REPAIRS TO SUBSTRUCTURE			\$
33 DATE WORK WAS COMPLETED			GRAND TOTAL COST OF WORK COMPLETED \$
34 HOW MUCH OF ITEM 33 IS DUE TO FLOOD DAMAGE?			\$
HAS ANY MONEY BEEN SPENT IN VALLEY CROSSING FROM SPECIAL FUNDS?			
AMOUNT SPENT \$			AFE NO.
HOW MUCH SPECIAL FUNDS WAS SPENT AT BRIDGE ENDS?			\$
HOW MUCH WAS SPENT SOME DISTANCE FROM BRIDGE?			\$

REMARKS:

MISSOURI STATE
HIGHWAY DEPARTMENT

RECEIVED

AUG 14 1956

INTER-DEPARTMENT CORRESPONDENCE
Bureau of Bridges

August 13, 1956

DATE

SUBJECT

BRIDGES: Surveys
U.I.P. Bridge Report
C.B. & Q. Railroad Crossing W-401
Route UU, Macon County T.O. #1

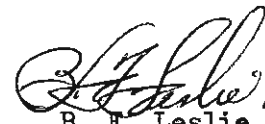
TO

Mr. J. A. Williams

Attached find copy of U.I.P. Bridge Report and set of plans for the overhead crossing of the C.B. & Q. Railroad on the above mentioned route.

Since we intend to take over this route for maintenance in October, and also proceed with the acquisition of right-of-way, we would appreciate a check of this structure in the near future in order to determine whether or not it can be used in place or an exception will have to be made.

Enc--


B. F. Leslie
District Engineer

ANSWERED

By RVL-mjs

Date 8-20-56

✓ Verbal

Letter or Wire
Phone

RECEIVED

MAY - 7 1956

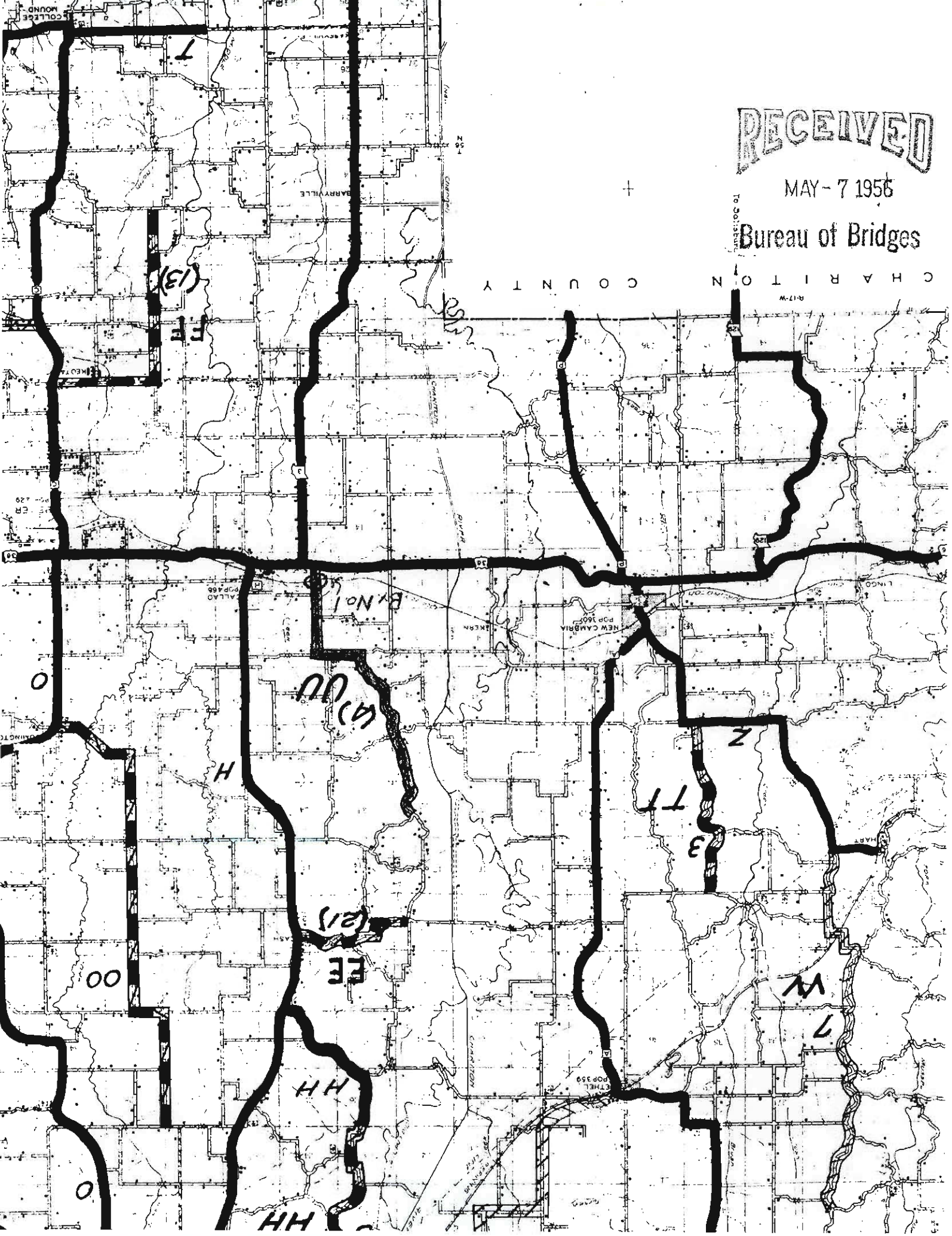
Bureau of Bridges

C O U N T Y

N

R-17-W

To 20:15:00



MISSOURI STATE HIGHWAY DEPARTMENT
BRIDGE DATA ON SUPPLEMENTARY ROUTES TAKEN OVER FOR MAINTENANCE

DISTRICT TWO

COUNTY Macon ROUTE UU DATE May 3, 1956 SHEET NO. 1 of 1

LOCATION From U. S. Route 36 west of Callao, northerly

LENGTH 3 Miles TYPE 18'-20' GE & Aggr. Surf. TRAFFIC COUNT

Br. No.	Location	Name of Stream	Drain Area	Super Struct.	Length	Sub- Struct.	Rdwy. Width	Type Floor	REMARKS
<i>W-401</i> 1	$\frac{1}{4}$ Mi. North of U.S. Rt. 36	CB&Q RR	--	Timber	68'	Timber	24'	Wood	
<i>N-310</i> 2				<i>1-19' I.Bm.</i> <i>1-29' I.Bm.</i>			<i>12'</i>		

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6

