# "Will Likely Last a Thousand Years": Coon Rapids Bridge, Symbol of Progress

Iowa Historic Property Study Iowa Site Inventory No. 14-00161

in connection with

Coon Rapids Bridge (Sumpter Avenue Bridge) over the Middle Raccoon River

Coon Rapids, Carroll County, Iowa

FHWA #002540

BRM-1542(1)--8N-14

Volume 2: Part VI. Appendix Materials

> Tallgrass Historians L.C. 2118 South Riverside Dr. Iowa City, IA 52246

> > February 2000

#### Volume 2: Part VI. Appendix Materials

- A. Survey and HAER forms completed by Fraserdesign (1993)
- B. Site plan
- C. Andreas' Illustrated Historical Atlas of the State of Iowa (1875)
- D. Photography
  - 1. Black-and-white prints (current and historic)
  - 2. Field Identification Data for Black/White and color Photographic Film
  - 3. Negatives for Black/White Photographs (SHPO only)
  - 4. Contact prints for #3 above (SHPO, IDOT & City of Coon Rapids only)
  - 5. Color slides (SHPO and City of Coon Rapids only)
- E. Completed Iowa Historical Architectural Data Base (HADB) form
- F. Other Materials
  - 1. Memorandum of Agreement regarding the Coon Rapids Bridge
  - 2. National Register of Historic Places registration form for Coon Rapids Bridge
- G. Existing Drawings for Coon Rapids Bridge: "Iowa Highway Commission October 1922 Plans for Multiple Span Deck Truss Bridge Over Middle Coon River"

# HAER INVENTORY

Iowa Historic Bridge Inventory

NAME(S) OF STRUCTURE

Coon Rapids Bridge (Sumpter Avenue Bridge)

FHWA: 002540

LOCATION

Sumpter Avenue over Middle Raccoon River; S34/35, T82N, R33W

Coon Rapids: Carroll County, Iowa

DATE(S) OF CONSTRUCTION

1922-23

USE (ORIGINAL / CURRENT)

city street bridge / city street bridge

RATING NRHP eligible (score: 65)

CONDITION

Town of Coon Rapids good

span number: span length: 95.0'

total length: 242.0' roadway wdt.: 34.0' superstructure:

substructure:

floor/decking: other features: steel, 7-panel, rigid-connected Warren deck truss concrete abutments and wingwalls; concrete piers

CARR27

asphalt and concrete deck over steel stringers

upper chord: 2 channels with lacing; inclined end post: 2 angles with batten plates; lower chord: 2 angles with batten plates; vertical: 2 channels with lacing; diagonal: 2 angles with batten plates; lateral bracing: 1 angle; strut: 2 angles; floor beam: I-beam; guardrail: concrete with slotted, chamfered balusters; concrete sidewalks cantilevered from truss on both sides; bridge plate: Coon Rapids Bridge / Construction Authorized by Carroll / County Board of Supervisors / Design by Iowa Highway Commission / Built

by Lundgren-Reis Company / 1923

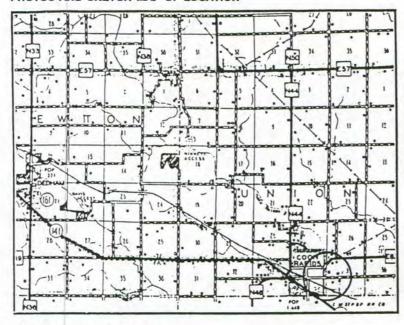
Located on Sumpter Avenue in the town of Coon Rapids, this rigid-connected steel truss spans the Middle Raccoon River. The Coon Rapids Bridge is comprised of a seven-panel Warren deck truss over the river's main channel, with shallower and shorter deck truss approach spans on both ends. The deck is concrete, supported by steel stringers that bear on floor beams on the trusses' upper chords, and concrete sidewalks cantilever from the trusses' webs on both sides. The Coon Rapids Bridge was engineered as a special design by the Iowa State Highway Commission in 1922. Designated Primary Bridge Project No. B113 on Primary Road No. 46, the bridge would replace an earlier iron or steel bridge at this crossing. Its construction was let out for competitive bids in October 1922; on November 13th a contract was awarded to the Lundgren-Reis Construction Company of Des Moines for \$29,250.00. Lundgren-Reis began w on the substructure soon thereafter, completing the bridge the following year. Since its completion, the Coon Rapids Bridge has functioned in place, in essentially unaltered condition.

Soon after its re-formation in 1913, the state highway commission began delineating standard bridge designs for both pony and through truss configurations. ISHC engineers used these designs extensively for short- to medium-span crossings throughout the state in the 1920s and 1930s. But deck trusses, with the steel superstructure below the roadway deck, were seldom employed, due in large part to minimal clearance heights on Iowa's rivers and streams. The Coon Rapids Bridge is a notable exception to this trend. Configured as a threespan deck truss, it represents an uncommon departure from standardized design. In fact, it is the last remaining Warren deck truss in the state designed by ISHC. As such the Coon Rapids Bridge is a technologically significant example of this somewhat esoteric structural type. In well-preserved condition, it is an important transportation-related resource.

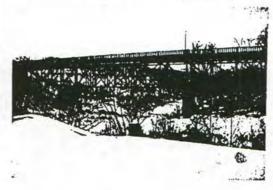
#### NAME(S) OF STRUCTURE

Coon Rapids Bridge (Sumpter Avenue Bridge)

#### PHOTOS AND SKETCH MAP OF LOCATION







#### LOCATION MAP

TAKEN FROM IOWA DEPARTMENT OF TRANSPORTATION HIGHWAY AND TRANSPORTATION MAP

#### SOURCES

Iowa Department of Transportation, Structure Inventory and Appraisal: Structure Number 002540; Carroll County Board of Supervisors' Minutes, Book I, Volume 1: page 275 (13 November 1922) - located at the Carroll County Courthouse, Carroll IA; field inspection by Clayton Fraser and Richard Collier, 27 January 1991.

INVENTORIED BY

Clayton B. Fraser

AFFILIATION

Fraserdesign, Loveland CO

DATE

21 January 1992

#### ATTACHMENT "A"

### MEMORANDUM OF AGREEMENT

# SUBMITTED TO THE ADVISORY COUNCIL ON HISTORIC PRESERVATION PURSUANT TO 36 CRF 800.6(a)

#### Sumpter Avenue Bridge

City of Coon Rapids Carroll County, Iowa

BRM-1542(1)--8N-14

WHEREAS, the Federal Highway Administration (FHWA) has determined that the replacement of the 1922 steel deck truss bridge, known as the Sumpter Avenue Bridge, FHWA structure #002540, in order to construct a new bridge to carry local road traffic over the Middle Raccoon River Bridge in the City of Coon Rapids would have an adverse effect upon this property which is listed on the National Register of Historic Places (NRHP), and has consulted with the Iowa State Historic Preservation Officer (SHPO) pursuant to 36 CFR Part 800 regulations implementing Section 106 of the National Historic Preservation Act (16 U.S.C. Section 470f).

WHEREAS, the Iowa Department of Transportation and representatives of the City of Coon Rapids participated in the consultation and have been invited to concur in this Memorandum of Agreement (MOA);

NOW, THEREFORE, FHWA and the Iowa SHPO agree that the undertaking shall be implemented in accordance with the following stipulations in order to take into account the effect of the undertaking on historic properties.

#### STIPULATIONS

FHWA will ensure that the following measures are carried out:

1. Prior to the demolition of any part of the existing bridge, the city shall have the bridge recorded according to the documentation plan of the "Iowa Historic Property Study: Bridge" attached as Appendix A.

- The recordation cited in stipulation 1 shall be performed by a person or firm who is acceptable to SHPO and who meets the Secretary of the Interior's professional qualification standards in history or architectural history as set forth in 48 FR 44738-44739.
- 3. The recordation document shall be reviewed for professional and technical compliance with recommendations and guidelines in Appendix A by the Iowa SHPO with photo copies of the study provided to the Carroll County Historical Society, the Coon Rapids Public Library and the Carroll Public Library.
- 4. If the stipulations of this Memorandum of Agreement have not been implemented by August 1, 2002, the consulting parties shall review its provisions to determine whether revisions are needed. If revisions are needed, the signatories will consult in accordance with 36 CFR Part 800 to make such revisions.
- When the bridge is demolished, FHWA will notify the SHPO within 30 days of the bridge demolition, so that the property may be removed from the list of properties on the National Register of Historic Places.

Execution of this Memorandum of Agreement by FHWA and the Iowa SHPO, its subsequent acceptance by the Council, and implementation of its terms, evidence that FHWA has afforded the Council an opportunity to comment on this bridge replacement project and its effects on historic properties, and that FHWA has taken into account the effects of the undertaking on historic properties.

By: Philip A Taylor 11-9-99

By: Philip A Taylor Date

By: Ithica All Man Division Date

By: Ithica All Man Division Date

Concur: By: Philip Davis - Mayor Date

By: City of Coon Rapids Date

By: Agree DOT Date

### Appendix A

# Iowa Historic Property Study: Bridge

The documentation identified below is for Iowa bridge properties of state and local significance. It is to be written for a broad public audience—kept simple, direct, and free of technical and academic jargon. The information is to be presented (i.e., edited, cataloged and packaged) in accordance with Historic Preservation Bureau guidelines. In its content, quality, materials, and presentation, the study will meet the Secretary of Interior's four standards for architectural and engineering documentation (48 FR 44731).

The purpose of the report will be to place the bridge in engineering and historical perspective. Emphasis is to be on its local or state historical context because the specific engineering qualities of the bridge have already largely been covered in the statewide 1993 Historic Bridge Inventory, prepared by consultant Fraserdesign for the Iowa Department of Transportation. Of course, new research information that modifies or corrects previous survey findings will be cited.

The research emphasis will be placed on recovering information about local or state context surrounding the building of the bridge based on primary sources to the greatest extent possible. Thus, the weight of total effort is to be given not to elaborate engineering description or structure photography, but to amplifying what is known about the story of the bridge as grasped through research in local newspapers, courthouse records, etc.. The test of responsiveness to documentation projects under this historic property study series will be more on the depth of local historical sources consulted than on the numbers of site photographs produced.

The documentation prepared for the purpose of inclusion in the State Historical Society of Iowa's collections must meet the requirements below. The Society's historic preservation office retains the right to refuse to accept documentation for inclusion in its collections when that documentation (edited, cataloged, and packaged) does not meet requirements as specified below.

#### Kinds of Documentation to be Gathered:

- 1. Iowa Site Inventory Number and Historical Architectural Data Base Number: Two report reference numbers are to be obtained from the statewide inventory coordinator at the State Historical Society's historic preservation office. The first is the Iowa Site Inventory Number, which can be assigned upon providing a specific street address in a town or city or, for rural areas, its quarter section, township and range. This number would be cited in the report, appear on reference maps and site plans, and be identified on photographic prints, slides, etc. The second number refers to the number assigned for entering this report into the state's Historic Architectural Data Base (HADB) through completing the HADB form for inclusion in the appendix.
- 2. Photographs: Unless stipulated elsewhere, the coverage will be field photography, with each view made with both 35mm black and white film and Kodachrome-64 color slides. The black and white photographs shall be on fiber-based papers or on resin-coated papers of double or medium-weight paper that have been processed in trays in order to meet guidelines outlined in National Register Bulletin 16A. The documentation is to meet requirements for ready inclusion

in the records of the State Historical Society of Iowa. The minimum number and kind of views taken will be in accord with those assigned in diagrams for recording bridge details illustrated by bridge historian, James C. Hippen. Other views will include at least two contextual views showing the bridge's placement on the landscape plus, as needed, special shots of the particular bridge in order to adequately illustrate what is significant or valuable about the structure(s).

- 3. Existing drawings of the bridge either as built or altered, if available, will be selected and appropriately reproduced.
- 4. Available historic photographs or illustrations that reveal the bridge under construction or in later use will be selected and appropriately reproduced.
- 5. Basic bridge facts about its origins, design and construction features will be handled by attaching as the lead element of the appendix of the report a copy of the completed survey and HAER inventory forms contained in the 1993 Historic Bridge Inventory, prepared by consultant Fraserdesign for the Iowa Department of Transportation.
- 6. Narrative Report, printed on archival bond paper, of approximately ten pages. Statements within the narrative are to be footnoted as to their sources, where appropriate. The format for presentation is stated below.

#### Format for the Narrative Report:

#### Cover Page:

Includes report title, governmental entity or source of support for sponsoring the survey, author/authors, name of affiliated firm or research organization, date of report.

#### Acknowledgments (if applicable)

This might include acknowledgment of valuable oral informants, or recognition of those who provided useful research leads, tendered special library assistance or helped locate and access useful courthouse archives.

#### Table of Contents

#### Introduction:

Describes purpose of project, time frame when research and field work occurred, and limitations of the project.

Part I: The Bridge Today takes the reader to the property, describing where it is situated, its general appearance, and important physical characteristics of its setting and landscape features that have influenced the way things developed.

Part II: Historical Background steps back to explain the bridge's time of original construction. Based on newspaper and other available sources, the narrative will seek to explain such developments as:

1. The impetus for construction of the bridge (e.g., local landowners, new transportation route, destruction of previous bridge);

The reason for designing or placing this particular kind of bridge at this location (e.g.,

a particular design preferred by the county engineer, a particular bridge company favored by contracts)

3. Selection of this particular bridge and its fabricator.

Part III: Construction history documents the physical evolution of the bridge and subsequent alterations.

Aspects to bear in mind include:

- Story of building the bridge and by whom it was done. Special emphasis will be on significant events in the building process, such as technical or financial problems faced, construction delays, and the need to redesign details or re-fabricate elements.
- 3. Later changes to the bridge, identifying what was done and why it was made necessary.

Part IV: Significance of the bridge. State in what way the bridge helps interpret local and state development in transportation or contribute to understanding how a type, period or method of construction developed, or exemplify the achievement of person(s) who designed or built it. This might address such matters as:

- 1. The role that this bridge played in local transportation and political, industrial or social history. Indicate, if known, how its completion was received and recognized as important by the public as gleaned through notices of celebrations, picnics, orators present at the opening of the structure for use.
- 2. The relative place of the bridge designer/bridge company in local and state history.
- 3. The bridge as a demonstration of new, innovative, or typical bridge design practices and uses of material.

Available photographs, illustrations, or site plan will be integrated into the narrative as needed to help convey the property's interpretive value.

Part IV: Reference Sources

A paragraph or two about the quality and quantity of information consulted, its location, noting any conflicts in source materials, their accuracy, biases or noteworthy historical perspectives. This would be followed by a bibliography of the reference source materials.

Part V: Appendices

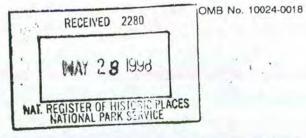
The information here—if not placed elsewhere in the report—would include, but not be limited to, the following:

- A copy of the completed survey and HAER inventory forms contained in the 1993
   Historic Bridge Inventory, prepared by consultant Fraserdesign for the Iowa
   Department of Transportation.
- 2. A site plan drawing showing the bridge's relation to immediate landscape and river/road configuration.
- Map(s) showing location in county/town, changes in property size, etc.
- 4. A 5" X 7" enlargement of each black and white view taken to satisfy specifications above, arranged sequentially, from the most general view to the most detailed view. Each is to be labeled on the back as to bridge name, Iowa Site Inventory Number, and roll/frame number with a No. 1 (soft) pencil or archival pen, and placed in Print-File (57-4P), or equivalent, sleeve. Photographs on paper that will not accept pencil marks (including certain resin-coated papers) may be labeled with an archivally stable, permanent audio-visual marking pen, as per instructions on page 65 of National Register Bulletin 16A.
- 5. A "Photograph Catalog Field Sheet" for each sleeve of black and white negatives and

- for each 20-slot sleeve of color slides.
- 6. Negatives of 35mm (ASA 125 or less) black and white film in Print-File (35-7B), or equivalent, sleeves.
- 7. A contact print for each roll of black and white film placed in a Print-File (810-1B), or equivalent, sleeve.
- 8. Kodachrome-64 slides properly labeled (property name, Iowa Site Inventory Number, and Slide sleeve number/slot number) and placed in Print-File (2x2-20B), or equivalent, 20-slot sleeves.
- 9. Completed Iowa Historical Architectural Data Base (HADB) form.
- 10. Other relevant information (e.g., photocopy of biographical information about the bridge builder).

nited States Department of the Interior ational Park Service

### lational Register of Historic Places legistration Form



nis form is for use in nominating or requesting determinations for individual properties and districts. See instructions in How to Complete the ational Register of Historic Places Registration Form (National Register Bulletin 16A). Complete each item by marking "x" in the appropriate box by entering the information requested. If an item does not apply to the property being documented, enter "N/A" for "not applicable." For functions, chitectural classification, materials, and areas of significance, enter only categories and subcategories from the instructions. Place additional entries and narrative items on continuation sheets (NPS Form 10-900a). Use a typewriter, word processor, or computer, to complete all items.

Name of Property				
storic name	Coon Rapids Br	idge		
ner names/site number				
Location				
eet & number	Sumpter Avenue	e over Middle Rac	coon River	not for publication
or town	Coon Rapids			uicinity
iteIowa	code _ [A c	county Carroll	code _	027 zip code _50058
State/Federal Agenc	y Certification			
State or Federal agency In my opinion, the proper	and bureau erty meets does not me	eet the National Register cr	teria. ( See continu	ation sheet for additional
Signature of certifying o	fficial/Title			Date
State or Federal agency	and bureau			
National Park Service	ce Certification	GA	M = 0	M
ereby certify that the pentered in the Nation  See continuation	nal Register	Colsa	1 14, 10	call 6.25.9
determined eligible f		er		
☐ See continuation		-		
	sheet ble for the National Rec			

Classification					
wnership of Property heck as many boxes as apply)	Category of Property (Check only one box)	Number of Re (Do not include pr	esources within Propereviously listed resources in	erty the count)	
private	☐ building(s)	Contributing	Noncontributing		
public-local	district	0	0	buildings	
public-State	site	0	0	sites	
public-Federal	structure object	1	0	structures	
	☐ object	0	0	objects	
		1	0	Total	
ame of related multiple pr	roperty listing f a multiple property listing)	Number of cor in the Nationa	ntributing resources p	reviously listed	
Highway Bridges of Ic	owa	0			
Function or Use					
storic Functions iter categories from instructions)		Current Functions (Enter categories from instructions)			
TRANSPORTATION/ro	oad-related	TRANSPORTATION/road-related			
Description					
chitectural Classification iter categories from instructions)		Materials (Enter categories	from instructions)		
other: riveted Warren deck truss		foundation			
		walls			
		roofN	/A		
		otherN	/A		
restive Description					

escribe the historic and current condition of the property on one or more continuation sheets)

cated in Coon Rapids, the Coon Rapids Bridge spans the Middle Raccoon River in a small-town tting that has changed little since the structure's period of significance. A description of the strucre follows:

construction date: 1922-23 an number: 3

95.0' an length:

construction cost: \$29,250.00 (contract amount)

242.0' current condition: good al length: idway wdt.: 34.0' alterations:

perstructure: steel, 7-panel, rigid-connected Warren deck truss ostructure: concrete abutments and wingwalls; concrete piers

or/decking: asphalt and concrete deck over steel stringers

per features: upper chord: 2 channels with lacing; inclined end post: 2 angles with batten plates; lower chord: 2 angles with batten plates; vertical: 2 channels with lacing; diagonal: 2 angles with batten plates; lateral bracing: 1 angle; strut: 2 angles; floor beam: Ibeam; guardrail: concrete with slotted, chamfered balusters; concrete sidewalks cantilevered from truss on both sides; bridge plate: Coon Rapids Bridge / Construction Authorized by Carroll / County Board of Supervisors / Design by Iowa Highway Com-

mission / Built by Lundgren-Reis Company / 1923

her than maintenance-related repairs, the Coon Rapids Bridge remains essentially unaltered as it ntinues to carry vehicular traffic. It retains a high degree of integrity of location, design, setting, aterials, workmanship, feeling and association.

Statement of Significance	
pplicable National Register Criteria  **Aark "x" in one or more boxes for the criteria qualifying the property  r National Register listing)	Areas of Significance (Enter categories from instructions)
A Property is associated with events that have made a significant contribution to the broad patterns of our history.	
B Property is associated with the lives of persons significant in our past.	
C Property embodies the distinctive characteristics of a type, period, or method of construction or represents the work of a master, or possesses high artistic values, or represents a significant and distinguishable entity whose components	Period of Significance
lack individual distinction.	1922-23
D Property has yielded, or is likely to yield,	(The period of significance is derived
information important in prehistory or history.	from the original construction date.)
riteria Considerations lark "x" in all the boxes that apply)	Significant Dates
Property is:	1922-23 (construction date)
A owned by a religious institution or used for religious purposes.	
B removed from its original location.	Significant Person (Complete if Criterion B is marked above)
C a birthplace or grave.	N/A
D a cemetery.	Cultural Affiliation
E a reconstructed building, object, or structure.	N/A
F a commemorative property.	
G less than 50 years of age or achieved significance	Architect/Builder
within the past 50 years.	Iowa State Highway Commission
	fabricator: unknown
Narrative Statement of Significance (Explain the significance of the property on continuation sheets.)	Lundgren-Reis Construction Company
Major Bibliographical References	
bliography ite the books, articles, and other sources used in preparing this form o	n one or more continuation chapte
revious documentation on file (NPS):	Primary location of additional data:
preliminary determination of individual listing (36	State Historic Preservation Office
CFR 67) has been requested	other State agency
previously listed in the National Register	☐ Federal agency
previously determined eligible by the National Register	<ul><li>☐ Local government</li><li>☐ University</li></ul>
designated a National Historic Landmark	other
recorded by Historic American Buildings Survey recorded by Historic American Engineering	name of repository:

Coon Rapids Bridge	Carroll County; Iowa				
). Geographical Data					
reage of Property less than one acre  TM References lace additional UTM references on a continuation sheet)					
15 360805 4635920	zone easting northing				

escribe the boundaries of the property)

he nominated property is a rectangular-shaped parcel measuring 36 feet by 242 feet, which is intered on the UTM point(s) listed above. Included within this rectangular parcel are the bridge's interestructure, substructure, approach spans and floor system.

oundary Justification

cplain why the boundaries were selected)

ne nominated structure includes the bridge's superstructure, substructure, floor system, any appoach spans and the property on which they rest. These boundaries encompass, but do not exceed, I of the property that has been historically associated with the bridge.

. Form Prepa	red By		
ıme/title	Clayton B. Fraser		
ganization	Fraserdesign	date	31 August 1994
reet & number	1269 Cleveland Avenue	telephone	303-669-7969
y or town	Loveland	state	Colorado zip code 80537
iditional Docur	mentation		

bmit the following items with the completed form:

ontinuation Sheets

aps

A USGS map (7% or 15 minute series) indicating the property's location

A Sketch map for historic districts and properties having large acreage or numerous resources

notographs

Representative black and white photographs of the property

iditional items

heck with the SHPO or FPO for any additional items)

operty Owner					
omplete this item a	the request of SHPO or FPO)				
ame/title	City of Coon Rapids				
reet & number	123 Third Avenue	telephone	712-684	7749	
y or town	Coon Rapids	state	Iowa	zip code	50058

perwork Reduction Act Statement: This information is being collected for applications to the National Register of Historic Places to nominate operties for listing or determine eligibility for listing, to list properties, and to amend existing listings. Response to this request is required to tain a benefit in accordance with the National Historic Preservation Act, as amended (16 U.S.C. 470 et seq.).

timated Burden Statement: Public reporting burden for this form is estimated to average 18.1 hours per response including time for reviewing structions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding this burden estimate or any pect of this form to the Chief, Administrative Services Division, National Park Service, P.O. Box 37127, Washington, DC 20013-7127; and the fice of Management and Budget, Paperwork Reductions Projects (1024-0018), Washington, DC 20503.

nited States Department of the Interior ational Park Service

# lational Register of Historic Places continuation Sheet

ection Number	8	Page	1	Coon Rapids Bridge	Carroll County; Iowa
	_	3-	-	Gooti Impino Diinge	ourron dountry, rom

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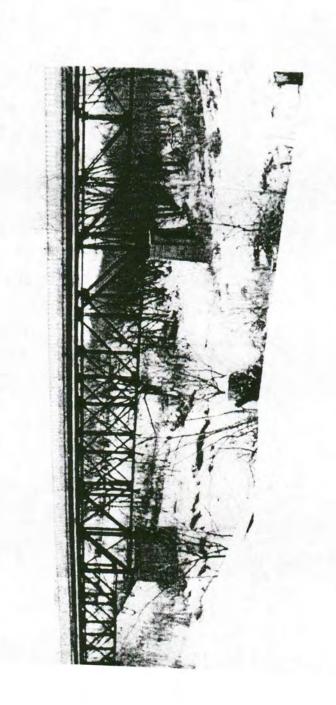
ection Number 9 Page 2 Coon Rapids Bridge Carroll County; Iowa

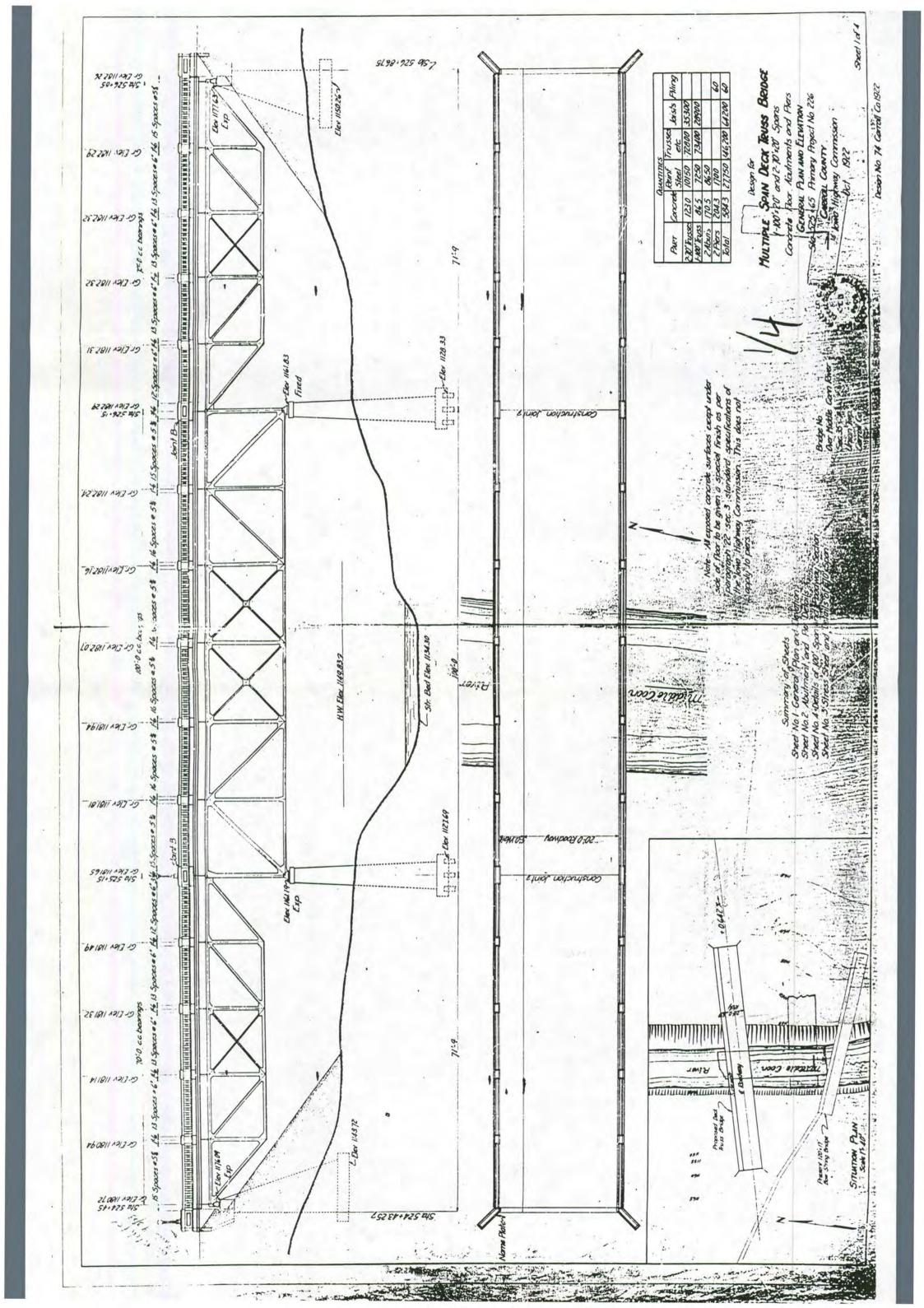
Iowa Department of Transportation, Structure Inventory and Appraisal: Structure No. 002540.

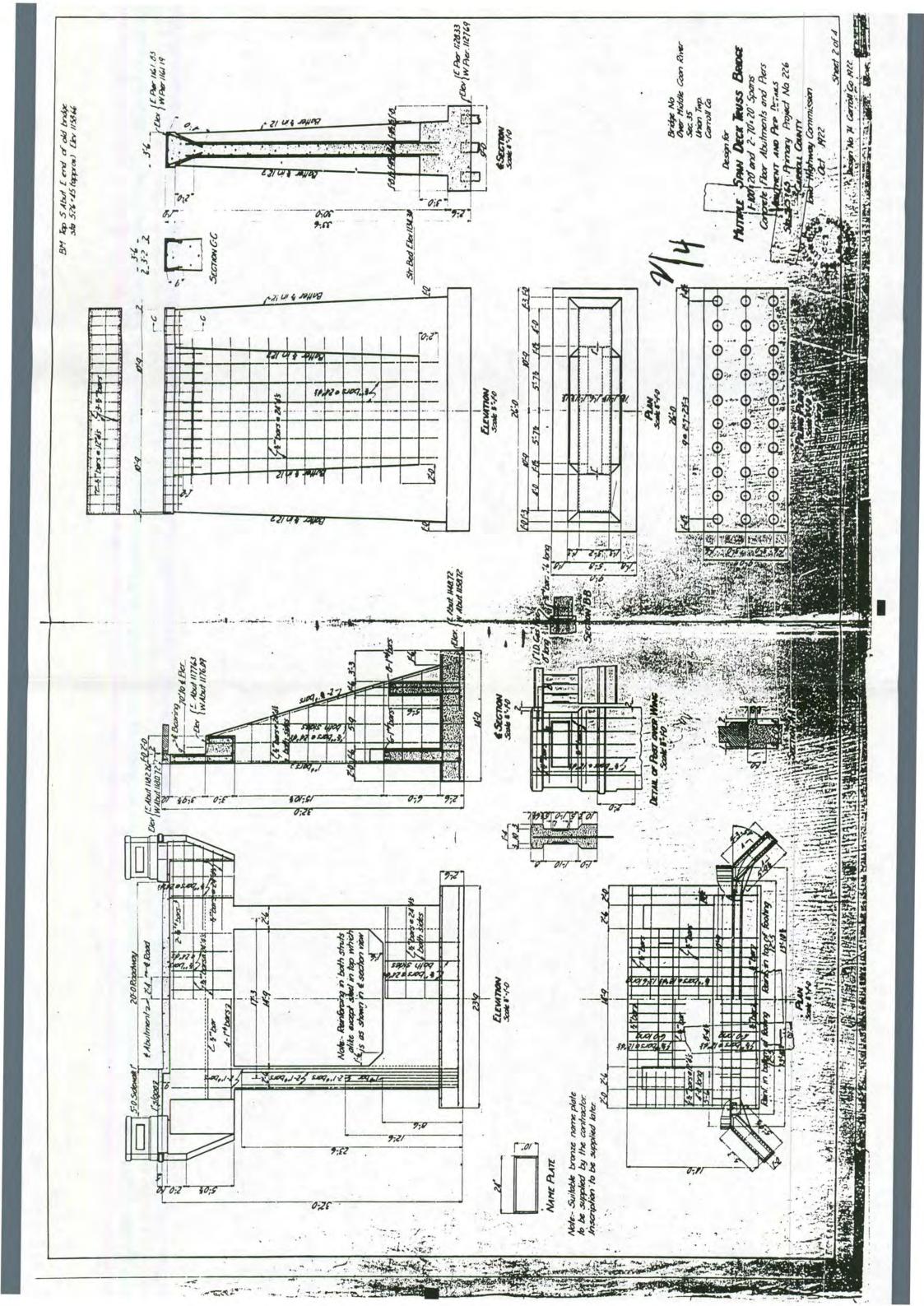
Carroll County Board of Supervisors' Minutes, Book I, Volume 1: page 275 (13 November 1922).

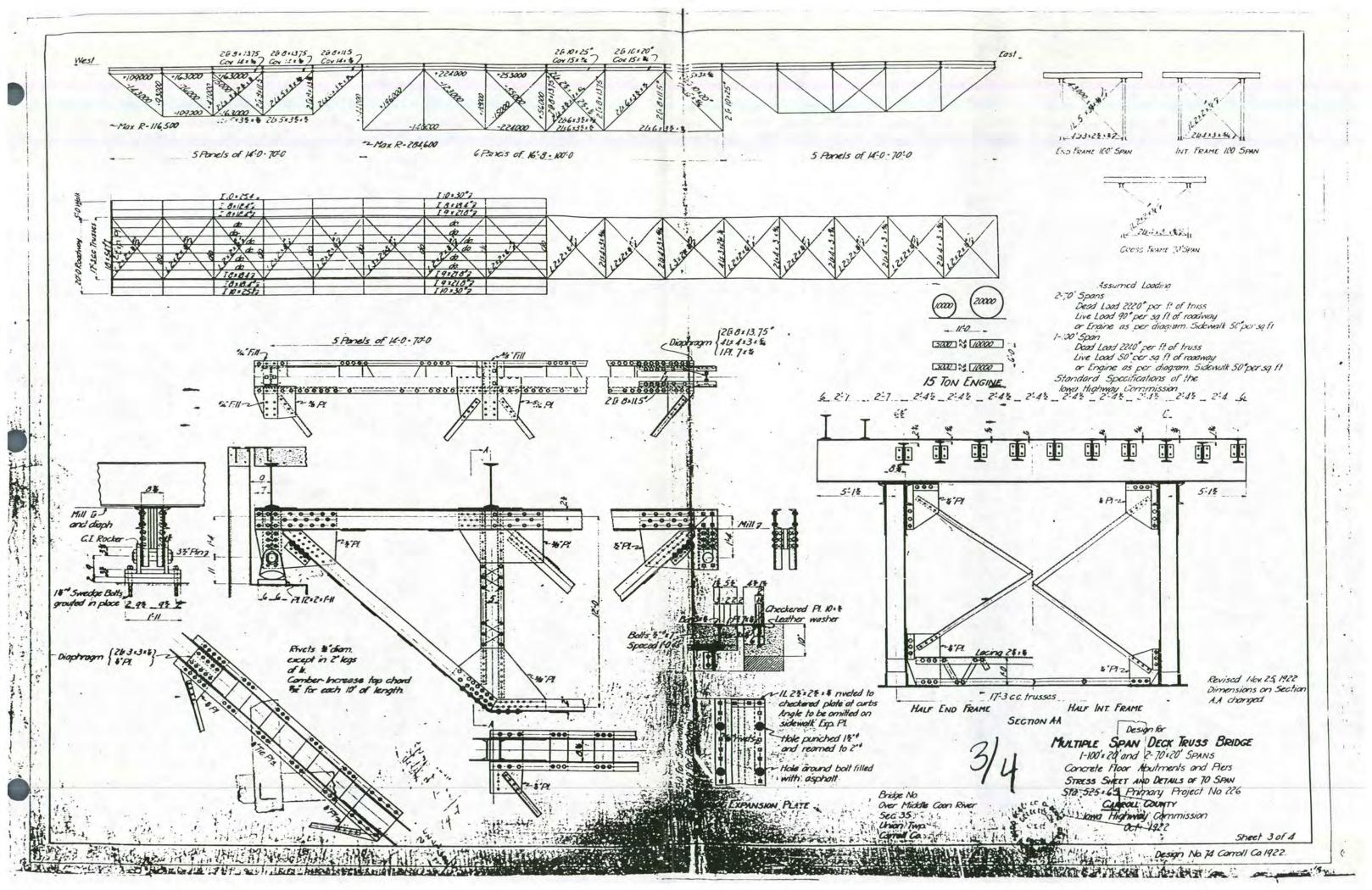
Field inspection by Clayton Fraser and Richard Collier, 27 January 1991.

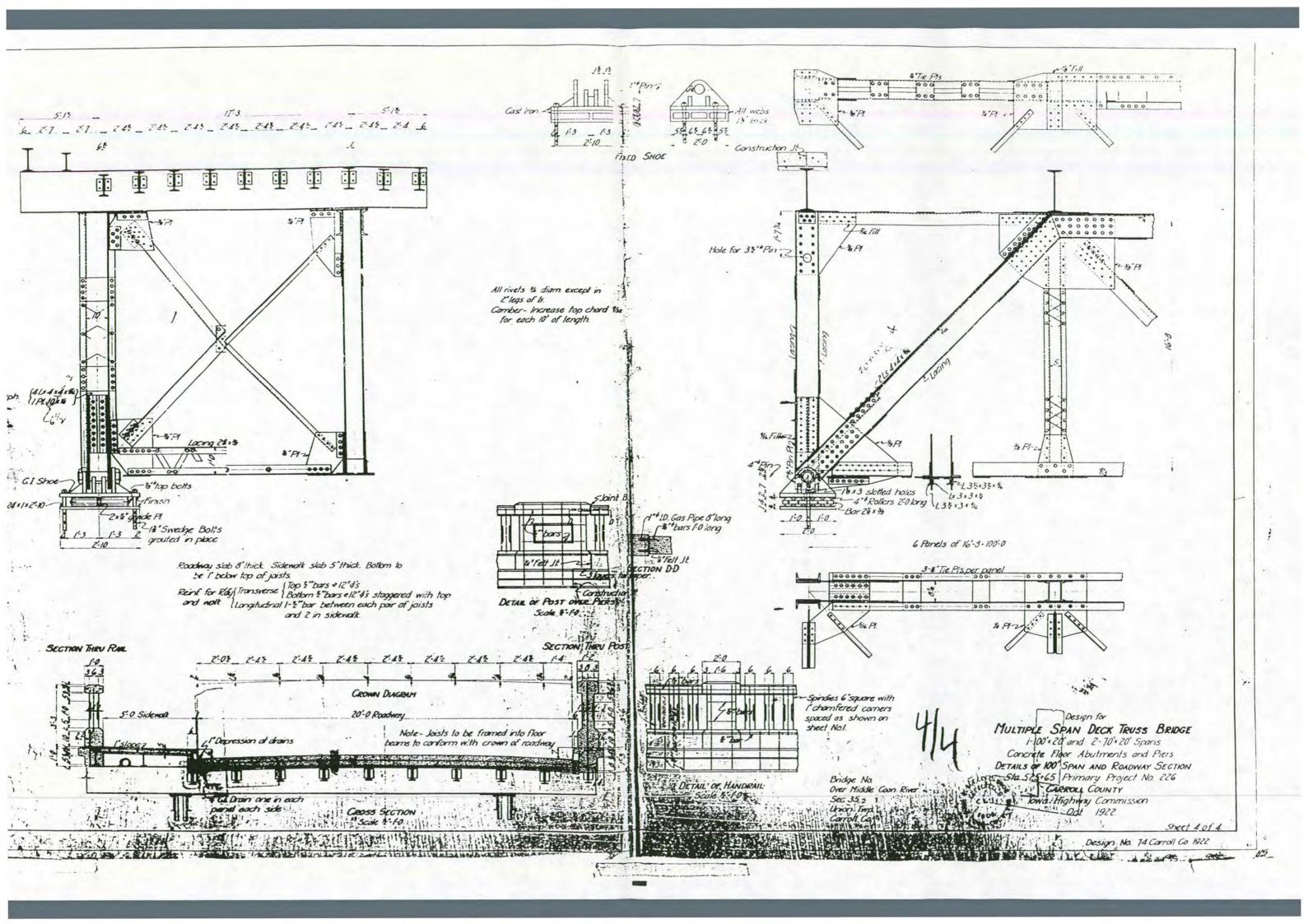
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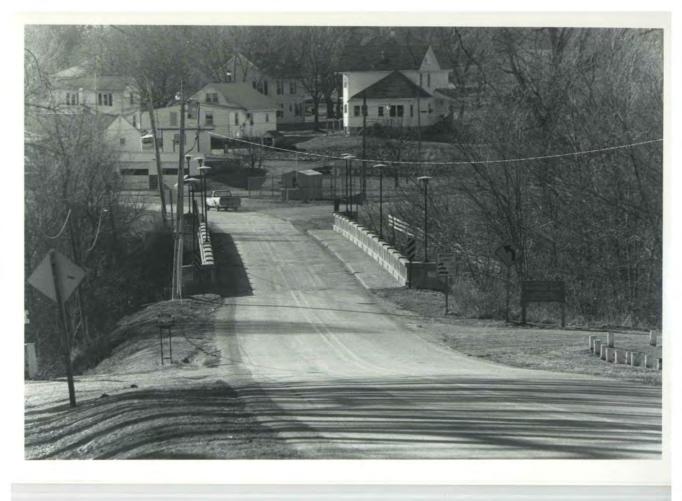












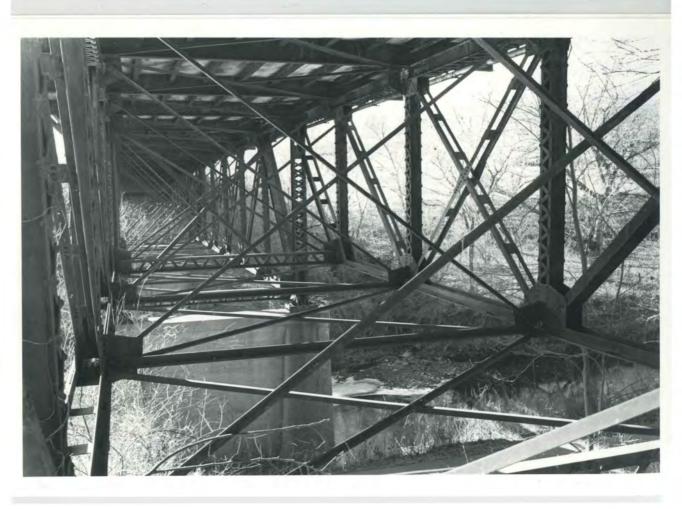




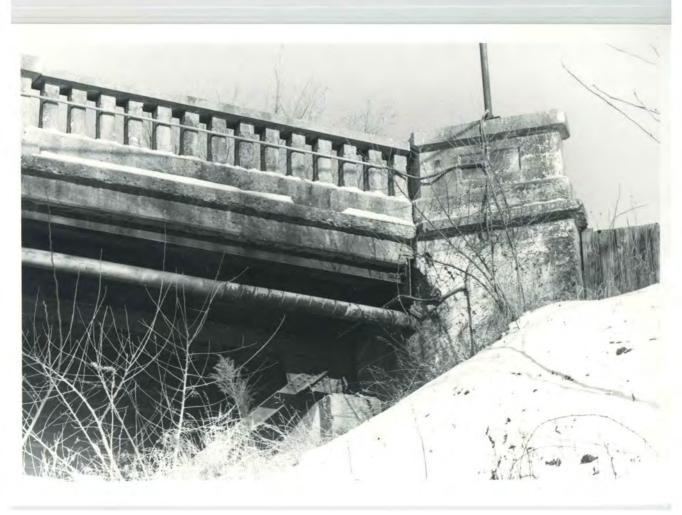


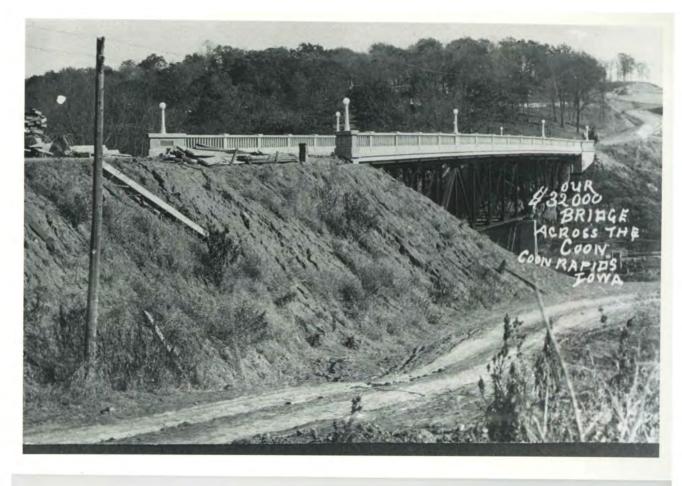


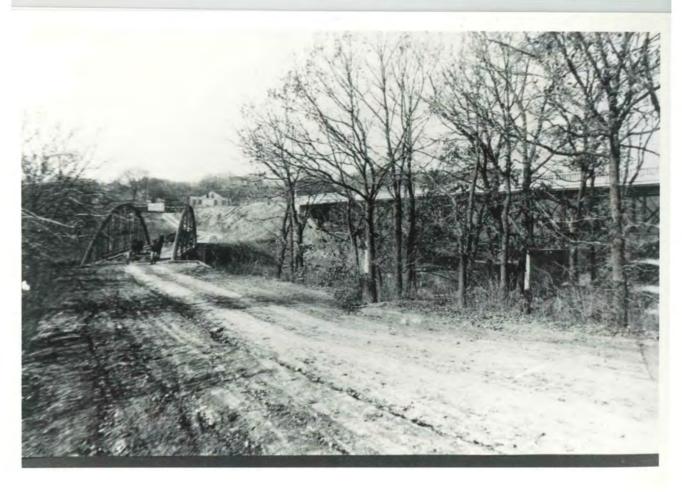


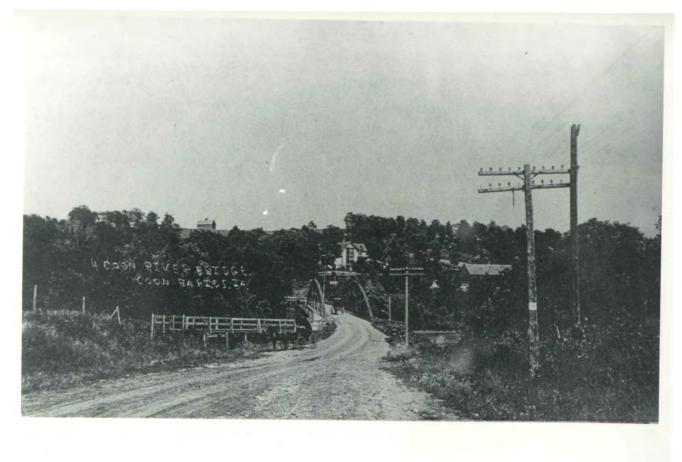


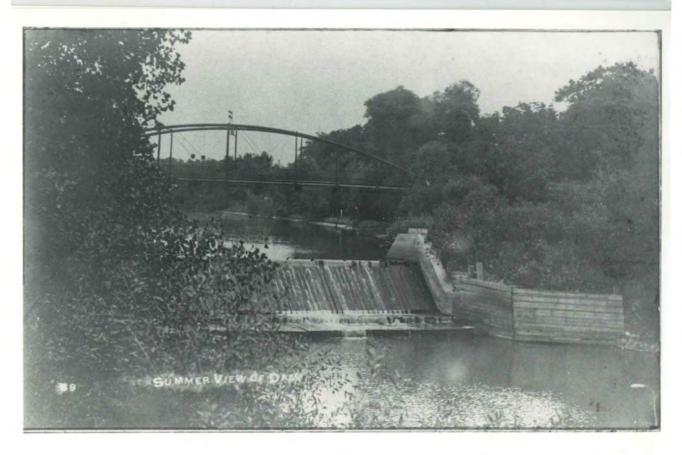












## State Historical Society of Iowa Community Programs Bureau

Community Programs Bureau 600 East Locust Des Moines, IA 50319 (January 15, 1997)

## **PHOTO & SLIDE CATALOG SHEET**

COLOR SLIDE SHEET NO:
Date Entered Into SHPO System:

Photographer	Film Type	Negative Size
Marie A. Neubauer, Tallgrass Historians L.C.	PX-125	35mm

FRAME NUMBER		SITE NAME AND LOCATIONAL INFORMATION	BUILDING TYPE, AGE AND OTHER NOTABLE FEATURES	FACING WHERE	SITE NUMBER
1-6	January 18, 2000	Coon Rapids Bridge Sumpter Ave. over the Middle Raccoon River Coon Rapids, Carroll County, Iowa	Warren deck truss bridge, 1922-23. Overall view of bridge.	nnw	14-00161
7-9	(B)	.u	Remnants of dam south of bridge (downstream) from the east bank of the Middle Raccoon River	wnw	- 6 6
10-12			Abutments of former Bowstring Bridge, located south of the present bridge, north of the dam remnants.	nw	
13-15	n	"	View of abutment/pier at west end of bridge.	wnw	14-00161
16-18			View of web system.	nw	. "
19-21	*	"	Upper and Lower chords showing connections and single lacing of easternmost span.	n	
22-24	11		Floor system, lateral bracing of easternmost span. View from the east bank pier.	ne	

# State Historical Society of Iowa

Community Programs Bureau 600 East Locust Des Moines, IA 50319 January 15, 1997)

### PHOTO & SLIDE CATALOG SHEET

COLOR SLIDE SHEET NO:
Date Entered Into SHPO System:

Photographer	Film Type	Negative Size
Marie A. Neubauer, Tallgrass Historians L.C.	PX-125	35mm

FRAME NUMBER	DATE TAKEN	SITE NAME AND LOCATIONAL INFORMATION	BUILDING TYPE, AGE AND OTHER NOTABLE FEATURES	FACING WHERE	SITE NUMBER
1-7	January 18, 2000	Coon Rapids Bridge Sumpter Ave. over the Middle Raccoon River Coon Rapids, Carroll County, Iowa	Warren deck truss bridge, 1922-23. Views under roadway from east end.	sw	14-00161
8-10		(M.)	View of bridge's east end approach from up the hill and across from the cemetery.	sw	"
11-13	**		Builder's plate on north side of east end of bridge.	ne	"
14-15			Bridge approach, west end.	ne	*
16-23		The following historic views were copied from a framed collage hanging in the Coon Rapids City Hall/Library lobby. Taped to the back of the frame is a card that reads: "So others may see what parts of Coon Rapids looked like in earlier years. I want to share these pictures in loving memory of Ethel Brutsche Riis and Dale P. Carpenter.  Mrs. Dale (Adelaide) Carpenter"			
16-17		Bowstring Bridge "Summer View of Dam"			
18-19		"Coon River Bridge Coon Rapids, IA"			14-00161
20-21		"View of Mill Coon Rapids IA"			
22-23		Old envelope with text about Coon Rapids			/

# State Historical Society of Iowa

Community Programs Bureau 600 East Locust Des Moines, IA 50319

(January 15, 1997)

## PHOTO & SLIDE CATALOG SHEET

BLACK & WHITE PHOTO ROLL NO: 7223 COLOR SLIDE SHEET NO: Date Entered Into SHPO System:

Photographer	Film Type	Negative Size
Marie A. Neubauer, Tallgrass Historians L.C.	PX-125	35mm

FRAME NUMBER	DATE TAKEN	SITE NAME AND LOCATIONAL INFORMATION	BUILDING TYPE, AGE AND OTHER NOTABLE FEATURES	FACING WHERE	SITE NUMBER
		Coon Rapids Bridge Sumpter Ave. over the Middle Raccoon River Coon Rapids, Carroll County, IA	Warren deck truss bridge, 1922-23.		14-00161
0-11		Historic photographs in the collection of John J. Schumacher of Coon Rapids, Iowa			
0-2		Bowstring bridge with new (present) bridge behind it. No caption or date recorded on photo.			
3-5		"Our \$32,000 Bridge across the Coon Coon Rapids, Iowa"			
6-8		"The City of the Dead Coon Rapids IA"			
9-11		"Garst Block Coon Rapids IA."			
12-13	January 18, 2000	Coon Rapids Bridge (Sumpter Ave. over the Middle Raccoon River) Coon Rapids, CarollCounty, IA	Warren deck truss bridge, 1922-23. Wiew of web system and pier.		14-00161
14-15			Detail of end joint and support, east end, south side.	n	
16-17		н	View of cemetery	nne	

# State Historical Society of Iowa

Community Programs Bureau 600 East Locust Des Moines, IA 50319 (January 15, 1997)

### **PHOTO & SLIDE CATALOG SHEET**

BLACK & WHITE PHOTO ROLL NO:

COLOR SLIDE SHEET NO: 1804
Date Entered Into SHPO System:

Photographer	Film Type	Negative Size	
Marie A. Neubauer, Tallorass Historians L.C.	Kodachrome 64	35mm	

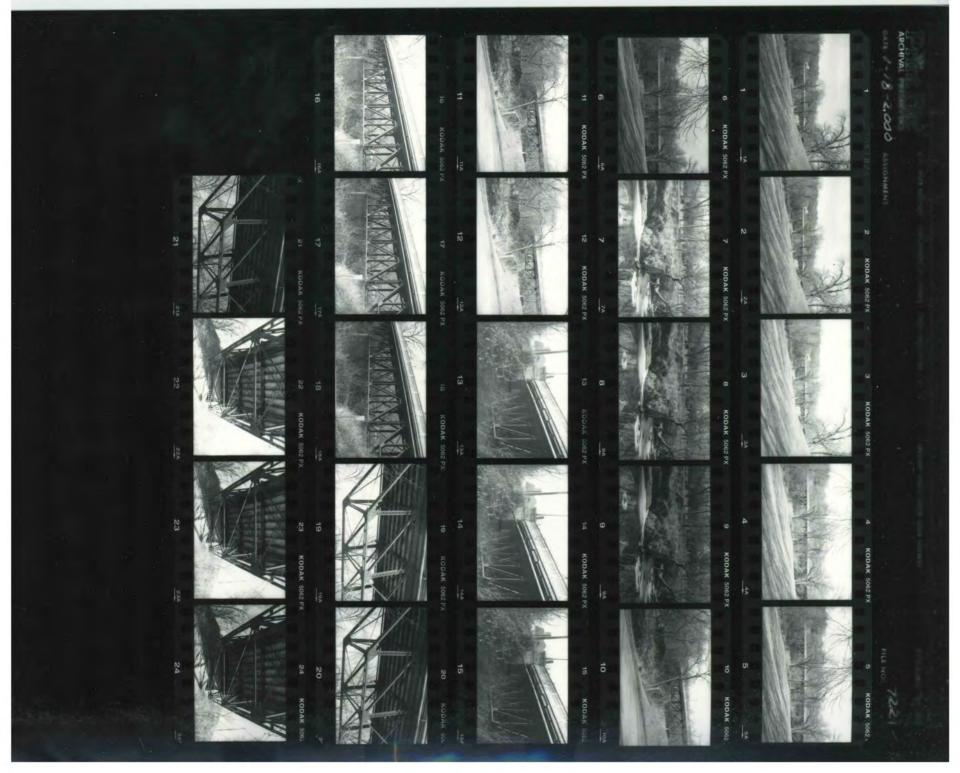
FRAME NUMBER	DATE TAKEN	SITE NAME AND LOCATIONAL INFORMATION	BUILDING TYPE, AGE AND OTHER NOTABLE FEATURES	FACING WHERE	
1	January 2000 Coon Rapids Bridge Sumpter Ave. over the Middle Raccoon River Coon Rapids, Carroll County, Iowa Warren deck trus Builder's plate on bridge.		Warren deck truss bridge, 1922-23. Builder's plate on north side of east end of bridge.	ne	14-00161
2			Overall view of bridge.	nnw	
3		n.	View of bridge's east end approach from up the hill and across from the cemetery.		
4	и		Bridge approach, west end.		u
5	•	*	Abutments of former Bowstring Bridge, located south of the present bridge, north of the dam remnants.	nw	
6		**	View of abutment/pier at west end of bridge.		n
7	"	ii ii	View of web system.	nw	n
8	"	Ü	View of web system and pier.	w	
9		"	Upper and Lower chords showing connections and single lacing of easternmost span.	n	"
10		и	View under roadway from the east end.	w	- 11
11	н	,	Floor system, lateral bracing of easternmost span. View from the east bank pier.	ne	ŋ
12		*	Detail of end joint and support, east end, south side.		,

# Historical Architectural Data Base

# Data Entry Form for Studies and Reports

(1/28/97)		Doc. No.: 14-00			
File Location:	☐ Report Series (County) ☐ Report Series (Mul ☐ Site Inventory files with Site Inventory #: 14-00				
Source of Study:	☐ Certified Local Government Project ☐ Section 106 Review & Compliance Project ☐ Historical Resource Development Program Project ☐ Other				
	Project Reference #:				
	Compiler/Originator: Tallgrass Historians L.C.				
Author Role:	☐ Consultant ☐ Private Researcher/Writer ☐ Project employee/volunteer ☐ Site Administra	The state of the s			
Title of Work: "Will Likely La	st a Thousand Years": Coon Rapids Bridge,	Symbol of Progress			
Year Issued:	2000				
Type of Work Pe (check one only) Survey:	Windshield survey minimum level documentation Reconnaissance survey to make recommendations Intensive survey Mixed intensive and reconnaissance survey	for intensive survey(s).			
Plan:	Planning for Preservation/Survey Community Preservation Plan				
Property Str	Iowa Historic Property Documentation Study Historic American Building Survey (HABS) Historic American Engineering Record (HAER) Management or Master Plan	☐ Historic Structure Report ☐ Feasibility/Re-use Study ☐ Architectural/Engineering Plans and Specs.			
Other (e.g., p	private research, school project, video):				

(fill in one section Report:	on only: Repor	rt or Monograph of roduced by: Talls				
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	Volume #:	Report #:				
Monograp	h: Publisher N	ame:				
	Place:					
Chapter:	In:	First pg. #:	Last pg.	#:		
Journal:	Name:	Vol. N	No.	Pages:	to	
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automobile						
community	<u></u>					
small town						
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Garst fami	ly					



ARCHIVAL PRESERVERS KODAK 5062 PX KODAK 5062 PX

# Print Files ARCHIVAL PRESERVERS Coon Rappids Bridge



