(../../i HistoricBridges.org Bridge Seek p)

HistoricBridges.org Bridge Browser (../../index.htm)

Advertisements: (../../info/about.htm#ads)

Bach Steel - Experts at historic truss bridge restoration. (http://www.bachsteel.com/)

Start Download
Update Windows® 10 Drivers from DriverUpdate™

Promotions:

Iron and Steel Preservation Conference and Workshop, May 2016: Learn more and register now! (http://historicbridgerestoration.com/articles/ispc2016.pdf)

Chicago's Bridges By Nathan Holth (http://www.shirebooks.co.uk/store/Chicago's-Bridges_9780747811039)

Historic Bridges Available For Reuse (../../index.htm#available) (Great for trails/parks!)

Dundee Road Bridge

G+1 0

Like Share Sign Up to see what your friends like.



Primary Photographer(s): Nathan Holth

Bridge Documented: December 12, 2012

View Photos and Videos

View Maps and Links (../../bridges/browser/map.php?bridgebrowser=illinois/dundeeroad/)

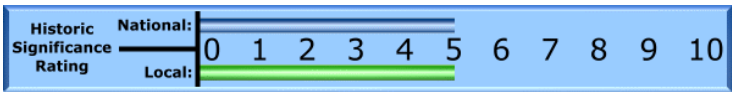
Key Facts

Facility Carried / Feature Intersected	Location	Structure Type	Construction Date and Builder / Engineer
Dundee Road (IL-68) (../../b_a_listings.php?bitem=road&bsearch=Dundee+Road+%28IL-68%29) Over Des Plaines River (../../b_a_listings.php?bitem=crossing&bsearch=Des+Plaines+River)	Wheeling: Cook County, Illinois	Concrete (../../b_a_listings.php?bitem=material&bsearch=Concrete) (../../b_a_listings.php?bitem=spantype&bsearch=) (../../b_a_listings.php?bitem=connections&bsearch=) Closed Spandrel (../../b_a_listings.php?bitem=config&bsearch=Closed+Spandr	By Builder/Contractor: Unknown (../../b_a_listings.php?bitem=builder&bsearch=Unknown)

el) Deck (../../b_a_listings.php?bitem=location&bsearch=Deck) Arch (../../b_a_listings.php?bitem=type&bsearch=Arch), Fixed (../../b_a_listings.php?bitem=movement&bsearch=Fixed)

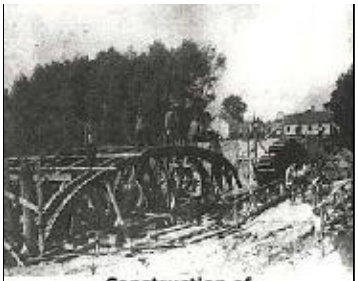
Technical Facts

Rehabilitation Date	Main Span Length	Structure Length	Roadway Width	Spans	NBI Number
1982	72 Feet (21.9 Meters)	172 Feet (52.4 Meters)	52 Feet (15.8 Meters)	2 Main Span(s)	16052604200



Bridge Documentation

View Archived National Bridge Inventory Report - Has Additional Details and Evaluation (../../illinois/dundeeroad/nbisheet.pdf)



Construction of Dundee Road Bridge
Source: Wheeling Historical Society

This is a bridge with a long history of alteration and it has some mystery attached to it as well. A field visit to the bridge is all that is needed to make some important initial observations. A plaque on the bridge states that the bridge was "rebuilt" in 1982. Next, a look under the bridge shows that the bridge is a much older concrete arch bridge. The 1982 reconstruction appears to have replaced the deck, while adding cantilevers to the arch to widen the deck. A close look under the arch spans themselves shows that apparently the arch itself was widened long ago as well. Two seams visible under the bridge outline the width of the original arch in the center of the arch's width. Both the original and widened portion of the bridge were poured with the aid of wooden plank forms and the impressions of these planks remain in the concrete, however, the arrangement of the planks for the original part of the arch bridge were arranged differently, as is visible by the impressions.



Historical Photo of Dundee Road Bridge
Source: Wheeling Historical Society

The National Bridge Inventory supplies some additional information into the history of this bridge. It lists a construction date of 1932. However it does not provide information as to whether the 1932 date refers to the original concrete arch, or the bridge after it was widened. However, a historical photo from the Wheeling Historical Society (http://www.wheelinghistoricalsociety.com) helps solve that mystery, while at the same time bringing a new mystery to this bridge. The photo to the right is a historical photo of the Dundee Road Bridge. The photo is taken during a low water level, which makes the bridge look taller. This photo of the bridge before it was widened reveals that the bridge originally has some unusual architectural details. A group of lines border the arch and railing, and there is no visual distinction from beside the bridge between the arch and the railing. Finally, a sculpture of unknown design appears to be near the piers of the bridge. Another bridge shares these details in Cook County, and it is the Lion Bridge (../../bridges/browser/?bridgebrowser=illinois/lion/). The Lion Bridge shares the grouped line outline and it also has sculptures. These bridges would appear to be built by the same builder. Thus, the Dundee shares a mystery with the Lion Bridge that whoever built these artistically designed bridges remains unknown. What does seem certain however is that because the Lion Bridge dates to 1906, the original Dundee Road arch bridge likely dates to a similar period. Therefore, the 1932 date likely refers to the widening of the arch. A ca. 1905-1910 date seems appropriate for the Dundee Road Bridge's original arch. An undated photo of the bridge's construction was also found.

Rehabilitation Plaque

STATION 10 + 58.7

DES PLAINES RIVER

REBUILT 1982

F.A. RTE. 528 SEC. 1977-288-BR

FA PROJECT 1X-529 (19)

LOADING HS 20

STR. NO. 016-0526

Historic Bridges of Chicago and Cook County

Browse Bridges In Google Maps (http://historicbridges.org/b_a_countymap.php?county=Cook%20County,%20Illinois)

Complete Bridge List (../../b_c_il_cook.htm)

Chicago and Cook County are home to one of the largest collections of historic bridges in the country, and no other city in the world has more movable bridges. HistoricBridges.org is proud to offer the most extensive coverage of historic Chicago bridges on the Internet.

Chicago / Cook County Bridge News

October 2015 - Patrick T. McBriarty, author of *Chicago's River Bridges*, informs HistoricBridges.org that in recognition for the "outstanding and original reference work that will support future scholarship in the history of technology", the book was awarded the biennial Eugene S. Ferguson Prize by the Society for the History of Technology (SHOT) at the SHOT Annual Meeting's awards banquet. See press release. (../../illinois/chicagobridges/ferguson.pdf) This is the third award for this book. Order Now Direct From The Publisher! (http://www.press.uillinois.edu/books/catalog/95esd3tw9780252037863.html) or order on Amazon (http://www.amazon.com/Chicago-River-Bridges-Patrick-McBriarty/dp/0252037863).

October 23, 2015 - The Franklin Street Bridge celebrates its 95th Anniversary. Please view this announcement (../../illinois/chicagobridges/franklin.pdf) prepared by Chicago Loop Bridges (http://chicagoloopbridges.com/) or view it on the Chicago Loop Bridges Website (chicagoloopbridges.com/bridges12/MS12/FRK12-5.html).

September 2015 - Fall Bridge Lift Season is Underway. View Schedule (http://chicagoloopbridges.com/schedule.html).

May 2015 - Michigan Avenue Bridge () celebrates its 95th Birthday this month! Click here for a news article (http://chicagoloopbridges.com/bridges12/MS12/MICH12-6.html).

October 2014 - A visit to Chicago revealed that the Van Buren Street Pedestrian Bridge (../../bridges/browser/?bridgebrowser=illinois/vanburenped/) was not demolished, but instead extensively rehabbed. The railings are new, but replicate the original design. The concrete encasement was removed and not replaced, and instead the exposed riveted steel beams have been painted. The riveted beams look quite nice, and given the condition of the bridge prior to the project this seems like a good outcome. In other news, the rehabilitation and repainting of the La Salle Street Bridge (../../bridges/browser/?bridgebrowser=truss/lasalle/) is ongoing, and the project to extend the Chicago Riverwalk under additional bridges on the Main Branch is continuing.

September 2014 - Chicago's dubious distinction of offering numerous boat tours that pass under the bridges but offer narration only of the buildings has ended with the start of a Wendella tour that focuses on bridges! Information is here. (http://www.wendellaboats.com/experience/chicago_bridge_tour.aspx)

July 29, 2013 - A project study has been initiated for the reconstruction of historic North Lake Shore Drive. This project puts a large number of historic bridges at risk for demolition and replacement. However, it could also be an opportunity to rehabilitate the bridges. Visit the project website. (http://www.northlakeshoredrive.org)

May 15, 2013 - The Ashland Avenue Bridge (../../bridges/browser/?bridgebrowser=illinois/ashlandnorth/) over North Branch Chicago River has been recommended for Chicago Landmark designation (../../illinois/chicagobridges/ashland.pdf) by the Chicago Art Deco Society.

April 30, 2013 - Illinois Landmarks has included Chicago's Bascule Bridges as one of their Top 10 Most Endangered Historic Places. View The Official Page (http://www.landmarks.org/ten_most_2013_chicago_bascule_bridges.htm).

General Chicago / Cook County Bridge Resources

Chicago's Bridges (http://www.shirebooks.co.uk/store/Chicago's-Bridges_9780747811039) - By Nathan Holth, author of HistoricBridges.org, this book provides a discussion of the history of Chicago's movable bridges, and includes a virtual tour discussing all movable bridges remaining in Chicago today. Despite this broad coverage, the book is presented in a compact format that is easy to take with you and carry around for reference on a visit to Chicago. The book includes dozens of full color photos. Only $9.95 U.S! ($11.95 Canadian). Order Now Direct From The Publisher! (http://www.shirebooks.co.uk/store/Chicago's-Bridges_9780747811039) or order on Amazon (http://www.amazon.com/Chicagos-Bridges-Shire-Nathan-Holth/dp/0747811032/ref=pd_bxgy_14_img_2?ie=UTF8&refRID=0Y6DGK4SR6GZB61BHJ70).

Chicago River Bridges (http://www.press.uillinois.edu/books/catalog/95esd3tw9780252037863.html) - By Patrick T. McBriarty, this is a great companion to Holth's book shown above. This much larger book offers an extremely in-depth exploration of Chicago's movable highway bridges, including many crossings that have not existed for many years. Order Now Direct From The Publisher! (http://www.press.uillinois.edu/books/catalog/95esd3tw9780252037863.html) or order on Amazon (http://www.amazon.com/Chicago-River-Bridges-Patrick-McBriarty/dp/0252037863).

View Historic American Engineering Record (HAER) Overview of Chicago Bascule Bridges (http://loc.gov/pictures/item/IL0705/) (HAER Data Pages, PDF (../../illinois/chicagobridges/pdf/il0705.pdf))

Chicago Loop Bridges (http://chicagoloopbridges.com/) - Chicago Loop Bridges is another website on the Internet that is a great companion to the HistoricBridges.org coverage of the 18 movable bridges within the Chicago Loop. This website includes additional information such as connections to popular culture, overview discussions and essays about Chicago's movable bridges, additional videos, and current news and events relating to the bridges.

Additional Online Articles and Resources (../../illinois/chicagobridges/supplement.php) - This page is a large gathering of interesting articles and resources that HistoricBridges.org has uncovered during research, but which were not specific to a particular bridge listing.

Photos and Videos: Dundee Road Bridge

Available Photo Galleries and Videos

Click on a thumbnail or gallery name below to visit that particular photo gallery. If videos are available, click on a video name to view and/or download that particular video.

 (photos.php?bridgebrowser=illinois/dundeeroad/&gallerynum=1&gallerysize=1) **Bridge Photo-Documentation (photos.php?bridgebrowser=illinois/dundeeroad/&gallerynum=1&gallerysize=1)** Original / Full Size Photos	A collection of overview and detail photos. For the best visual immersion and full detail, or for use as a desktop background, this gallery presents the photos for this bridge in the original digital camera resolution.



(photos.php?
bridgebrowser=illinois/dundeeroad/&gallerynum=2&gallerysize=2)
**Bridge Photo-Documentation (photos.php?
bridgebrowser=illinois/dundeeroad/&gallerynum=2&gallerysize=2)**
Mobile Optimized Gallery

A collection of overview and detail photos. View the photos for this bridge in a reduced size which is useful for mobile/smartphone users, modem (dial-up) users, or those who do not wish to wait for the longer download times of the full-size photos. Alternatively, view this photo gallery using a popup slideshow viewer (great for mobile users) by clicking the link below.
**Browse Gallery With Popup Viewer (photosviewer.php?
bridgebrowser=illinois/dundeeroad/&gallerynum=2&gallerysize=2)**

**View Maps
and Links
(../../bridges/browser/map.php?
bridgebrowser=illinois/dundeeroad/)**

**Home
(../../index.htm)** **Top**



(../../info/about.htm)

About (../../info/about.htm) - Contact (../../contact/index.htm)

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Dundee Road Bridge

Historic Significance Rating (HSR)

National	Local
5	5



Dundee Road (IL-68) Over Des Plaines River

Wheeling: Cook County, Illinois

Concrete Closed Spandrel Deck Arch, Fixed

Length: 172 ft
Main Span: 72 ft
Roadway: 52 ft
Main Spans: 2

Built By: Unknown

This is a bridge has a history of alteration and a number of mysteries remain to be solved.












STATION 10+58.7
DES PLAINES RIVER
REBUILT 1982
F.A. RTE. 829 SEC. 1977-289-BR
FA PROJECT IX-829 (19)
LOADING HS 20
STR. NO. 010-0839











































