

**Illinois Department of Transportation  
Structures Information Management System  
Structure Summary Report**

Date: 03/12/2019

Page: 1

Structure Number: 016-6030

District: 1

**Inventory Data**

<b>Facility Carried:</b> LAKE SHORE DRIVE	<b>Bridge Name:</b> N LSD RIVER BRIDGE	<b>Sufficiency Rating:</b> 36.0	<b>Structure Length:</b> 352.5
<b>Feature Crossed:</b> MAIN BR CHICAGO RIV	<b>Location:</b> 402 N & 520 E	<b>HBP Eligible:</b> Yes	<b>AASHTO Bridge Length:</b> 99.9
<b>Bridge Remarks:</b>		<b>Replaced By:</b> -	<b>Length of Long Span:</b> 329.8
<b>Bridge Status:</b> 1 OPEN - NO RESTRICT	<b>Status Date:</b> 04/1988	<b>Replaces:</b> -	<b>Bridge Roadway Width:</b> 100.0
<b>Status Remarks:</b>		<b>Last Update Date:</b> 12/05/2018	<b>Appr Roadway Width:</b> 100.0
<b>Maint County:</b> 016 COOK	<b>Maint Township:</b> 83 SOUTH CHICAGO	<b>Parallel Structure:</b> None	<b>Deck Width:</b> 107.5
<b>Maint Responsibility:</b> 04 MUNICIPALITY		<b>Multi-Level Structure Nbr:</b>	<b>Sidewalk Width Right:</b> 0.0
<b>Service On/Under:</b> 1 HIGHWAY	5 / WATERWAY	<b>Skew Direction:</b> N	<b>Sidewalk Width Left:</b> 0.0
<b>Reporting Agency:</b> 4 MUNICIPALITY		<b>Skew Angle:</b> 0 D	<b>Navigation Control:</b> 1 Yes
<b>Main Span Matl/Type:</b> 3 STEEL	/ 16 MOVEABLE - BASCULE	<b>Structure Flared:</b> No	<b>Navigation Horiz Clear:</b> 176
<b>Nbr Of Main Spans:</b> 1	<b>Nbr Of Approach Spans:</b> 2	<b>Historical Significance:</b> Yes	<b>Navigation Vert Clear:</b> 22
<b>***Approaches***</b>			
<b>Near #1 Matl/Type:</b> 3 STEEL	/ 02 STRINGER/MULTI-BEAM/GIRDER	<b>Border Bridge State:</b>	<b>Culvert Fill Depth:</b> 0.0
<b>Near #2 Matl/Type:</b>	/	<b>Bdr State SN:</b>	<b>Number Culvert Cells:</b> 0
<b>Far #1 Matl/Type:</b> 3 STEEL	/ 02 STRINGER/MULTI-BEAM/GIRDER	<b>Bdr State % Responsibility:</b> 0	<b>Culvert Opening Area:</b> 0.0
<b>Far #2 Matl/Type:</b>	/	<b>Structural Steel Wt</b> 2648700	<b>Culvert Cell Height:</b> 0.00
<b>Median Width/Type:</b> 4 Ft. / 3 Curb		<b>Substructure Material:</b> N5	<b>Culvert Cell Width:</b> 0.00
		<b>Rated By:</b> N N/A	<b>Rate Method:</b> E ASSIGNED RATING BASED ON ASD REPORTED BY RATING FACTOR (RF)
<b>Guardrail Type L/R:</b> 0None / 0 None	<b>Inventory Rating:</b> 1.000(36)	<b>Load Rating Date:</b> 01/01/1900	<b>Railroad Crossing Info</b>
<b>Toll Facility Indicator:</b> 0 No Toll	<b>Operating Rating:</b> 1.365(49)		<b>Crossing 1 Nbr:</b>
<b>Latitude:</b> 41.88928589	<b>S Longitude:</b> 87.61427761	<b>S Design Load:</b> 02 HS20	<b>Crossing 1 Nbr:</b>
<b>Deck Structure Type:</b> H CON FILL STEEL GRAT	<b>Deck Structure Thickness:</b> 5	<b>SD:</b> Y <b>FO:</b> Y	<b>RR Lateral Underclear:</b> 0.0
<b>Sidewalks Under Structure:</b> 0 None			<b>RR Vertical Underclear:</b> 0 Ft 0 In

**Key Route On Data**

<b>Key Route Nbr:</b> FEDERAL-AID PRIMARY	0341	<b>Station:</b> 39.2000
<b>Appurtenances</b> Main Route	00000	<b>Segment:</b>
<b>Inventory County:</b> 016 COOK		<b>Linked:</b> Y
<b>Township/Road Dist</b> 70 NORTH CHICAGO (CHICAGO)		<b>Natl. Hwy System:</b> On NHS
<b>Municipality</b> 1051 CHICAGO		<b>Inventory Direction:</b>
<b>Urban Area:</b> 1051 1051		<b>Curr AADT Yr/Count:</b> 2018 / 109000
<b>Functional Class:</b> 3 OTHER PRINCIPAL ARTERIAL		<b>Est Truck Percentage:</b> 1
<b>** CLEARANCES **</b> South/East	North/West	<b>Number Of Lanes:</b> 8
<b>Max Rdwy Width:</b> 50.0		<b>One Or Two Way:</b> 2 Two-Way
<b>Horizontal:</b> 50.0	50.0	<b>Bypass Length:</b> 0
		<b>Future AADT Yr/Cnt:</b> 2032 / 114433
		<b>Designated Truck Rte:</b> NONE
<b>Lateral:</b>		<b>Special Systems:</b> Yes

**Key Route Under Data**

<b>Station:</b>
<b>Segment:</b>
<b>Linked:</b>
<b>Natl. Hwy System:</b>
<b>Inventory Direction:</b>
<b>Curr AADT Yr/Count:</b> /
<b>Est Truck Percentage:</b>
<b>Number Of Lanes:</b>
<b>One Or Two Way:</b>
<b>Bypass Length:</b>
<b>Future AADT Yr/Cnt:</b> /
<b>Designated Truck Rte:</b>
<b>Special Systems:</b>

**\*\*\* Marked Route On Data \*\*\***

Route #	Designation	Kind	Number
Route #1:	1 Mainline	2 U.S. Highways	041
Route #2:	1 Mainline		
Route #3:	1 Mainline		

**\*\*\* Marked Route Under Data \*\*\***

Designation	Kind	Number
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**Data Related to Inspection Information**

<b>*** Inspection Intervals ***</b>		<b>*** Maximum Allowable Posting Limits ***</b>				<b>Bridge Posting Level:</b>	
Routine NBIS:	24 MOS	Underwater:	60 MOS	One Truck At A Time:	0	Combination Type 3S-1:	Tons
		Special:	N	Single Unit Vehicles:	Tons	Combination Type 3S-2:	Tons
							5 No Posting Required

**Inspection/Appraisal Information**

Inspection Date:	09/12/2018	Inspection Temperature:	82Deg. F	<b>** Actual Posted Limits **</b>			
Deck:	5	FAIR CONDITION - MINOR SECTION LOSS, CRACKS				Single Unit Vehicles:	Tons
Superstructure:	3	SERIOUS CONDITION - SIGNIFICANT SECTION LOSS				Combination Type 3S-1:	Tons
Substructure:	6	SATISFACTORY CONDITION - MINOR DETERIORATION				Combination Type 3S-2:	Tons
Culvert:	N	NOT APPLICABLE				One Truck At A Time:	0
Channel and Protection:	8	VERY GOOD CONDITION - NO PROBLEMS NOTED	Deck Wearing Surf:	P	GRATING	Last Paint Type:	
Structural Evaluation:	3	INTOLERABLE - HIGH PRIORITY FOR CORRECTION	Deck Membrane:	F	NONE		
Deck Geometry:	2	INTOLERABLE - HIGH PRIORITY FOR REPLACEMENT	Deck Protection:	F	POLYMER IMPREGNATED		
Underclearance-Vert/Lat.:	N	NOT APPLICABLE	Total Deck Thick:	5.0			
Waterway Adequacy:	9	SUPERIOR TO PRESENT DESIRABLE CRITERIA	Last Paint Date:	09/2008			
Approach Roadway Align:	8	EQUAL TO PRESENT DESIRABLE CRITERIA					
Bridge Railing Appraisal:	2	Doesn't Meet Standards					
Approach Guardrail:	111	Does Not Exist Does Not Exist Does Not Exist					
Pier Navig Protection:	3	IN PLACE BUT IN A DETERIORATED CONDITION					

**Underwater Inspection/Appraisal Information**

Inspection Date:	11/14/2017	Inspection Method:	DPSV Diver	Probe	Sonar	Visual
Temperature:	42			Appraisal Rating:	6	SATISFACTORY CONDITION

**Scour Critical Information**

**Miscellaneous**

Rating:	8	CALCULATED SCOUR ABOVE FOOTING	Evaluation Method:	B	Rational Analysis	
Analysis Date:	07/08/1997					Microfilm Data Recorded: No

**Construction Information**

Year:	1937	Original	1988	Reconstructed
Route:		Sta:	FAP 525	Sta:
Section Nbr:				
Contract Nbr:				
Fed Aid Pr#:	00000000000000			
Built By:	4	CITY	4	CITY