

MnDOT Structure Inventory Report

Bridge ID: 2440

TH 65 (3rd Ave S)

over Mississippi R& City St

Date: 08/17/2015

GENERAL	
Agency Br. No.	6206
District	Metro
Maint. Area	5F Crew 7627
County	027 - Hennepin
City	Minneapolis
Township	
Desc. Loc.	0.3 MI NE OF JCT TH 952A
Sect., Twp., Range	23 - 029N - 24W
Latitude	Deg 44 Min 59 Sec 0.3
Longitude	Deg 93 Min 15 Sec 31.89
Custodian	01 - State Highway Agency
Owner	01 - State Highway Agency
BMU Agreement	
Year Built	1917
MN Year Reconstructed	1980
FHWA Year Reconstructed	
MN Temporary Status	
Bridge Plan Location	1 - CENTRAL
Date Opened to Traffic	10/1/1980
On-Off System	1 - ON
Legislative District	59B

STRUCTURE	
Service On	5 - Highway-pedestrian
Service Under	8 - Highway-waterway-railroad
Main Span Type	
	1 - Concrete 12 - Arch
Main Span Detail	V - OPEN SPANDREL ARCH
Appr. Span Type	
	4 - Steel Continuous 01 - Beam Span
Appr. Span Detail	
Skew	0
Culvert Type	
Barrel Length	ft.
Cantilever ID	

NUMBER OF SPANS	
MAIN: 7	APPR: 4 TOTAL: 11
Main Span Length	236.7 ft.
Structure Length	1887.8 ft.
Deck Width (Out-to-Out)	81.6 ft.
Deck Material	1 - Concrete Cast-in-Place
Wear Surf Type	4 - Low Slump Concrete
Wear Surf Install Year	1980
Wear Course/Fill Depth	0.17 ft.
Deck Membrane	0 - None
Deck Rebars	1 - Epoxy Coated Reinforcing
Deck Rebars Install Year	1980
Structure Area (Out-to-Out)	154044 sq. ft.
Roadway Area (Curb-to-Curb)	110814 sq. ft.
Sidewalk Width	Lt 8.00 ft. Rt 8.00 ft.
Curb Height	Lt 0.25 ft. Rt 0.25 ft.
Rail Type	Lt 23 Rt 23

ROADWAY	
Bridge Match ID (TIS)	1
Roadway O/U Key Route On Structure	
Route Sys	03 - MNTH Number 65
Roadway Name or Description	TH 65 (3rd Ave S)
Level of Service	1 - MAINLINE
Roadway Type	2 - 2-way traffic
Control Section (TH Only)	2710
Reference Point	001+00.716
Detour Length	1.0 mi
Lanes	On 4 Under 6
	ADT 15500 Year 2004
HCA DT	310 ADTT 2 %
Functional Class	16 - Urban - Minor Arterial

RDWY DIMENSIONS			
If Divided	NB-EB	SB-WB	
Roadway Width	58.70 ft.		ft.
Vertical Clearance			ft.
Max. Vert. Clear.			ft.
Horizontal Clear.	58.6 ft.		ft.
Lateral Clearance			ft.
Appr. Surface Width	64.0 ft.		
Bridge Roadway Width	58.7 ft.		
Median Width On Bridge			ft.

MISC. BRIDGE DATA	
Structure Flared	0 - No flare
Parallel Structure	N - No parallel structure
Field Conn. ID	4 - Bolted
Abutment Foundation	1 - CONC
(Material/Type)	3 - FTG PILE
Pier Foundation	1 - CONC
(Material/Type)	2 - SPRD ROCK
Historic Status	1 - On National Register

PAINT	
Year Painted	1980
Unsound Paint %	
Painted Area	sq. ft.
Primer Type	6
Finish Type	K - Unpainted 3309 Steel

BRIDGE SIGNS	
Posted Load	0 - Not Required
Traffic	0 - Not Required
Horizontal	0 - Not Required
Vertical	0 - Not Required

INSPECTION	
Userkey	221
Unofficial Structurally Deficient	Y
Unofficial Functionally Obsolete	N
Unofficial Sufficiency Rating	62.6
Routine Inspection Date	10/13/2014
Routine Inspection Frequency	12
Inspector Name	
Status	A - Open

NBI CONDITION RATINGS	
Deck	6 - Satisfactory Condition
Unsound Deck %	2
Superstructure	6 - Satisfactory Condition
Substructure	4 - Poor Condition
Channel	4 - Protect; Sev. undermined; S
Culvert	N - Not Applicable

NBI APPRAISAL RATINGS	
Structure Evaluation	4
Deck Geometry	5
Underclearances	9
Water Adequacy	9 - Bridge Above Flood Wat
Approach Alignment	8 - Equal to present desirabl

SAFETY FEATURES	
Bridge Railing	1 - MEETS STANDARDS
GR Transition	0 - SUBSTANDARD
Appr. Guardrail	0 - SUBSTANDARD
GR Termini	0 - SUBSTANDARD

IN DEPTH INSP.			
	Y/N	Freq	Date
Frac. Critical			
Underwater	Y	60 mo.	10/28/2012
Pinned Asbly.			
Spec. Feat.			

WATERWAY	
Drainage Area (sq. mi.)	
Waterway Opening	99999 sq. ft.
Navigation Control	0 - No nav. control on waterw
Pier Protection	
Nav. Clr. (ft.)	Vert. ft. Horiz. ft.
Nav. Vert. Lift Bridge Clear. (ft.)	
MN Scour Code	L - STBL - LOW F Year 1993

CAPACITY RATINGS	
Design Load	6 - HS 20+MOD
Operating Rating	2 - AS HS 35.0
Inventory Rating	2 - AS HS 20.0
Posting VEH:	SEMI: DBL:
Rating Date	4/1/1980
MnDOT Permit Codes	
A:	1 - No Restriction
B:	1 - No Restriction
C:	1 - No Restriction

MnDOT Structure Inventory Report

Additional Roadways

Bridge ID: 2440

TH 65 (3rd Ave S) over Mississippi R& City St

Date: 08/17/2015

ROADWAY		
Bridge Match ID (TIS):	2	
5A. Roadway On/Under:	A - UNDERRECORD A TYPE (IF MORE	
Bridge Route System:	5 - CITY STREET	
5D. Route Number:	699	
Roadway Name or Description		
Main St SE		
5C. Level of Service:	1 - MAINLINE	
102. Direction of Traffic:	2 - 2-way traffic	
Control Section (TH Only):	27	
Reference Point:		
19. Detour Length (mi):	1.0	
Lanes:	4	
29. ADT:	2100	
30. Year:	1995	
26. Functional Class:	17	
Traffic Sequence Number:		
InterRegional Corridor (TH Only):		
ROADWAY DIMENSIONS		
	NB-EB	SB-WB
Roadway Width (ft):	50.00	
Vertical Clearance (ft):	23.9	
Max. Vert. Clear. (ft):	23.9	
Horizontal Clear. (ft):	72.9	
	Left	Right
Lateral Clearance (ft):		14.9
32. Appr. Roadway Width	53.0	
51. Brdg Roadway Width (ft):	50.0	
Median Width (ft):		
10. Vertical Clearance (ft):	23.9	
47. Horizontal Clearance	72.9	

ROADWAY		
Bridge Match ID (TIS):	3	
5A. Roadway On/Under:	B - UNDERRECORD B	
Bridge Route System:	5 - CITY STREET	
5D. Route Number:	65	
Roadway Name or Description		
West River Pkwy		
5C. Level of Service:	1 - MAINLINE	
102. Direction of Traffic:	2 - 2-way traffic	
Control Section (TH Only):	27	
Reference Point:		
19. Detour Length (mi):	1.0	
Lanes:	2	
29. ADT:	500	
30. Year:	1993	
26. Functional Class:	17	
Traffic Sequence Number:		
InterRegional Corridor (TH Only):		
ROADWAY DIMENSIONS		
	NB-EB	SB-WB
Roadway Width (ft):	14.00	14.00
Vertical Clearance (ft):	29.9	29.9
Max. Vert. Clear. (ft):	29.9	29.9
Horizontal Clear. (ft):	23.9	23.9
	Left	Right
Lateral Clearance (ft):	1.9	11.9
32. Appr. Roadway Width	38.0	
51. Brdg Roadway Width (ft):	28.0	
Median Width (ft):	10.00	
10. Vertical Clearance (ft):	29.9	
47. Horizontal Clearance	23.9	