### 2016 ROUTINE BRIDGE INSPECTION REPORT



### BRIDGE # 62J06 LARPENTEUR AVE over PED PATH

DISTRICT: Metro COUNTY: Ramsey

**CITY/TOWNSHIP:** Falcon Heights

STATE: Minnesota

Date of Inspection: 08/20/2016 Equipment Used:

**Owner: County Highway Agency** 

Inspected By: Bodelson, Dan

State Harrison Contraction of the state of t

Report Written By: Dan Bodelson Report Reviewed By: Nicklaus Fischer Final Report Date: 10/04/2016

## **Table of Contents**

SECTION	PAG
COVER	1
STRUCTURE INVENTORY	3
ELEMENTS	6
PICTURES	8

# Minnesota Structure Inventory Report

Bridge ID: 62J06 LARPENTEU	R AVE <b>OVER</b> PED PATH	Date: 10/04/2016
GENERAL	ROADWAY	INSPECTION
Agency Br. No.	Bridge Match ID (TIS) 0	Userkey 102
District Metro	Roadway O/U Key Route On Structure	Unofficial Structurally Deficient N
Maint. Area Crew	Route Sys 04 - CSAH Number 30	Unofficial Functionally Obsolete N
County 062 - Ramsey	Roadway Name or Description	Unofficial Sufficiency Rating 83.2
City Falcon Heights	LARPENTEUR AVE	Routine Inspection Date 08/20/2016
Township	Level of Service 1 - MAINLINE	Routine Inspection Frequency 48
Desc. Loc. 0.26 MI W OF JCT CSAH 46	Roadway Type 2 - 2-way traffic	Inspector Name CO Bridge
Sect., Twp., Range 20 - 029N - 23W	Control Section (TH Only)	Status A - Open
Latitude Deg 44 Min 59 Sec 30.07	Reference Point 000+00.725	NBI CONDITION RATINGS
Longitude Deg 93 Min 11 Sec 32.86	Detour Length 1.0 mi	Deck N - Not Applicable
Custodian 02 - County Highway Agency	Lanes On 4 Under 0	Unsound Deck %
Owner 02 - County Highway Agency	ADT 15600 Year 2007	Superstructure N - Not Applicable
BMU Agreement	HCADT 0 ADTT 0 %	Substructure N - Not Applicable
Year Built 1999	Functional Class 16 - Urban - Minor Arterial	Channel N - Not Applicable
MN Year Reconstructed	RDWY DIMENSIONS	Culvert 7 - Shrinkage cracks, light scal
FHWA Year Reconstructed	If Divided NB-EB SB-WB	NBI APPRAISAL RATINGS
MN Temporary Status	<b>Roadway Width</b> 39.60 ft. 33.00 ft.	Structure Evaluation 7
Bridge Plan Location 3 - COUNTY		Deck Geometry N
Date Opened to Traffic		Underclearances N
On-Off System 1 - ON	Max. Vert. Clear. ft. ft.	Water Adequacy N - Not Applicable
Legislative District 66B	Horizontal Clear. ft. ft.	Approach Alignment 8 - Equal to present desirab
ABC Suitable	Lateral Clearance ft. ft.	SAFETY FEATURES
STRUCTURE	Appr. Surface Width 0.0 ft.	Bridge Railing N - NOT REQUIRED
Service On 1 - Highway	Bridge Roadway Width 0.0 ft.	<b>GR Transition</b> N - NOT REQUIRED
Service Under 3 - Pedestrian - bicycle	Median Width On Bridge 4.00 ft.	Appr. Guardrail 1 - MEETS STANDARDS
Main Span Type	MISC. BRIDGE DATA	<b>GR Termini</b> 1 - MEETS STANDARDS
5 - Prestress or Precast 13 - Box Culvert	Structure Flared 0 - No flare	IN DEPTH INSP.
Main Span Detail	Parallel Structure N - No parallel structure	Y/N Freq Date
Appr. Span Type	Field Conn. ID	Frac. Critical N
	Abutment Foundation N - N/A	Underwater N
Appr. Span Detail	(Material/Type) N - N/A	Pinned Asbly. N
<b>Skew</b> 0	Pier Foundation N - N/A	Spec. Feat.
Culvert Type PCST 108	(Material/Type) N - N/A	WATERWAY
Barrel Length 96 ft.	Historic Status 5 - Not eligible	Drainage Area (sq. mi.)
Cantilever ID	PAINT	Waterway Opening sq. ft.
NUMBER OF SPANS		Navigation Control N - Not applicable, no waterw
MAIN: 1 APPR: 0 TOTAL: 1	Year Painted	Pier Protection
Main Span Length 10.0 ft.	Unsound Paint %	Nav. Clr. (ft.) Vert. ft. Horiz. ft
	Painted Area sq. ft.	Nav. Vert. Lift Bridge Clear. (ft.)
Deck Width (Out-to-Out) 0.0 ft.	Primer Type	MN Scour Code A - NON WATER' Year
Deck Material N - Not Applicable	Finish Type	CAPACITY RATINGS
Wear Surf Type 6 - Bituminous Wear Surf Install Year	BRIDGE SIGNS	Design Load 9 - HS 25 (OR GREATER)
Wear Course/Fill Depth 4.00 ft.	Posted Load 0 - Not Required	<b>Operating Rating</b> A - Assigned ratir 42.0
•	Traffic 0 - Not Required	Inventory Rating A - Assigned ratir 25.0
Deck Rebars N - Not Applicable (applies offi	Horizontal 0 - Not Required	Posting VEH: SEMI: DBL:
Deck Rebars Install Year	Vertical N - Not Applicable	Rating Date 07/08/2013
		Minnesota Permit Codes
Structure Area (Out-to-Out) 0 sq. ft.		<b>A:</b> N - N/A
Structure Area (Out-to-Out)0sq. ft.Roadway Area (Curb-to-Curb)sq. ft.		A. N-N/A
		<b>B</b> : N - N/A
Roadway Area (Curb-to-Curb) sq. ft.		

### Minnesota Structure Inventory Report

#### Bridge ID: 62J06 LARPENTEUR AVE over PED PATH

Date: 09/26/2016

Bridge ID: 62306	GENERAL+	+ R O A D W A Y +	+INSPECTION+
Agency Br. No.	Crew	Bridge Match ID (TIS) 0	Userkey 102
District	05 Maint. Area	,	Structurally Deficient N
County	062 - Ramsey		Functionally Obsolete N
City	Falcon Heights	Route Sys 04 - CSAH Number 30 Roadway Name or Description	Sufficiency Rating 83.2
-	Facon heights	LARPENTEUR AVE	Routine Inspection Date 08/20/2016
Township Desc. Loc.			
	0.26 MI W OF JCT CSAH 46		
Sect., Twp., Range Latitude	20 - 029N - 23W 44 • 59 ' 30.07 ''		Inspector Name Bodelson, Dan
	93 • 11 · 32.86 ··	Control Section (TH Only)	Status A - Open
Longitude		Reference Point     000+00.725       Detour Lenath     1.0	+NBI CONDITION RATINGS+
Custodian	02 - County Highway Agency 02 - County Highway Agency	· · · · · · · · · · · · · · · · · · ·	Deck N Unsound
Owner	02 - County Highway Agency		Superstructure N Deck %
BMU Agreement	1000		Substructure N
Year Built	1999	HCADT ADTT % Functional Class 16 - Urban - Minor Arterial	Channel N
MN Year Reconstruc		Functional Class 16 - Urban - Minor Arterial	Culvert 7
FHWA Year Reconst			
MN Temporary Statu		+RDWY DIMENSIONS+	+NBI APPRAISAL RATINGS+
Bridge Plan Locatio		If Divided NB-EB SB-WB	Structure Evaluation 7
Date Opened to Trat		Roadway Width 39.60 ft. 33.00 ft.	Deck Geometry N
On - Off System		Vertical Clearance ft. ft.	Underclearances N
Legislative District	66B		Waterway Adequacy N
Potential ABC	2 - N/A	Max. Vert. Clear. ft. ft.	Approach Alignment 8
+ \$	STRUCTURE+	Horizontal Clear. ft. ft. Lateral Clearance ft. ft.	
Service On	1 - Highway	Appr. Surface Width 0.0 ft.	+SAFETY FEATURES+
Service Under	3 - Pedestrian - bicycle	Bridge Roadway Width 0.0 ft.	Bridge Railing N - NOT REQUIRED
Main Span Type	5 - Prestress or Precast	Median Width On Bridge 4.00 ft.	GR Transition N - NOT REQUIRED
Main Span Design	13 - Box Culvert		Appr. Guardrail 1 - MEETS STANDARDS
Main Span Design	13 - Box Cuiven	+MISC. BRIDGE DATA+	<b>GR Termini</b> 1 - MEETS STANDARDS
Appr. Span Type		Structure Flared 0 - No flare	
Appr. Span Design		Parallel Structure N - No parallel structure	+IN DEPTH INSP.+
Appr. Span Detail		Field Conn. ID	Y/N Freq Date
Skew	0	Abutment N - N/A	Frac. Critical N
Culvert Type	PCST 108	Foundation NL NI/A	Underwater N
Barrel Length	96	(Material/Type)	Pinned Asbly. N
Cantilever ID	30	Pier Foundation N - N/A	Spec. Feat.
Cantilever ID		(Material/Type) N - N/A	Spec. reat.
Ν	mbor of Sucre		+ W A T E R W A Y +
	mber of Spans	Historic Status 5 - Not eligible	
	PR: 0 TOTAL:		Drainage Area (sq. mi.)
Main Span Length	10.0 ft.	+ P A I N T +	Waterway Opening (sf.)
Structure Length	11.3 ft.	Marso Delate d	Navigation Control N - Not applicable, no
Deck Width (Out-to-	,	Year Painted	Pier Protection
Deck Material	N - Not Applicable	Unsound Paint %	Nav. Clr. (ft.) Vert. 0.0 Horiz. 0.0
Wear Surf Type	6 - Bituminous	Painted Area sq. ft.	Nav. Vert. Lift Bridge Clear. (ft.)
Wear Surf Install Ye		Primer Type	MN Scour Code A - NON Year
Wear Course/Fill De		Finish Type	+CAPACITY RATINGS+
Deck Membrane	N - Not Applicable (applies		Design Load 9 - HS 25 (OR GREATER)
Deck Rebars	N - Not Applicable (no deck)	+BRIDGE SIGNS+	
Deck Rebars Install		Bertalland C. N. D. J. J.	
Structure Area (Out-	, .	Posted Load 0 - Not Required	Inventory Rating 2 - HS TRUCK 25.0
Roadway Area (Curl		Traffic 0 - Not Required	Posting VEH: SEMI: DBL:
	DA. Lt 0.00 ft. 50B. Rt 0.00 ft.	Horizontal 0 - Not Required	Rating Date 07/08/2013
Sidewalk Width 50			
Sidewalk Width 50 Curb Height	Lt 0.67 ft. Rt 0.67 ft. Lt NN Rt NN	Vertical N - Not Applicable	Overweight Permit Codes

#### MINNESOTA BRIDGE INSPECTION REPORT

#### **BRIDGE 62 106** LARPENTEUR AVE OVER PED PATH

BRIDO	GE 62J06 LA	RPENTEUR	AVE OV	ER PED PATH			ROUT	INE INSP	. DATE:	08/20/20	)16
County:	Ramsey		L	ocation: 0.26 MI	W OF JCT CSA	H 46	Length:		11.3 ft.		
City:	Falcon Heigh	its	F	Route: 04 - CSAH 3	30 Ref. Pt.: 0	00+00.725	Deck Wid	lth:	0.0 ft.		
Townsh	nip:		C	Control Section:			Rdwy. Ar	ea/ Pct. Ur	isnd: sq.ft	./%	
Section	: 20 Towns	hip: 029N Ra	ange: 23W	Maint. Area:			Paint Are	a/ Pct. Uns	and: sq. ft	./%	
Span T	ype: 1 - Concrete		cludes	Local Agency Bridg	ge Nbr.:		Culvert:	PCST	108		
List:	frame culvert	s)					Postings:				
NBI De	ck: N Super:	N Sub: I	N Chan:	N Culv: 7							
				Open, Post	ted, Closed: A	- Open					
Annroio	al Datinga Appro	ach 9 V	lotoriuou		Code: A - NON	WATERWAY					
	al Ratings - Appro ed Bridge Signs - L		Vaterway:	N uirod T	raffic: 0 - I	Not Required		official Stru	,		N
Require	u Bhuye Signs - L	•				•		official Fur			N
		Horizntal: (	- Not Requ	ulled v	enical. IN-	Not Applicable	Un	official Suf	ficiency Ra	ting	83.2
ELEM NBR	ELEMENT	NAME	ENV	REPORT TYPE	INSP. DATE	QUANTITY	QTY CS 1	QTY CS 2	QTY CS 3	QTY CS 4	QTY CS 5
241	Reinforced Conc	rete Culvert	2	Routine	08/20/2016	95 LF	0	95	0	0	N/A
				Routine	08/20/2012	95 LF	0	95	0	0	N/A
		[2008-2012] Tł [2012] There a	nere are mir re minor- m	minor deterioration- nor cracks @ joint #2 oderate spalls at the t of culverts. Bottom	2 and #14. Minor NW corner nor	r spalls are pres th end of culver	t.				
388	Culvert Headwall Other End Treatr		2	Routine	08/20/2016	2 EA	0	1	1	0	N/A
				Routine	08/20/2012	2 EA	0	1	1	0	N/A
		[2003-2012] So [2012] Should are OK, but the	ome vertical replace the wall caps s here is 12 L	spalls on each side I cracking @ colored caps for modular blo should be replaced. F of deterioration of walls.	l grout above cu ock wall above c	lvert north end. ulvert at north e				odular wal	l blocks
964	Critical Finding S	mart Flag	2	Routine	08/20/2016	1 EA	1	0	N/A	N/A	N/A
				Routine	08/20/2012	1 EA	1	0	N/A	N/A	N/A
		Notes: DO NC	T DELETE	THIS CRITICAL FIN	NDING SMART	FLAG.					
982	Approach Guard	rail	2	Routine	08/20/2016	1 EA	1	0	0	N/A	N/A
902		ran	2			1 EA	1	0	0	N/A	N/A
				Routine	08/20/2012	I LA		0	0	IN/A	N/A
		Notes: [2002-2	2012] Guard	drail system is in plac	ce and functionin	ng properly.					
984	Deck & Approach	n Drainage	2	Routine	08/20/2016	1 EA	0	1	0	N/A	N/A
				Routine	08/20/2012	1 EA	0	1	0	N/A	N/A
		culvert, which o	drains into c	e are some puddles o dry well is functioning f the culvert and dra	g properly.		o a flat gra	de. The dra	ain is at the	e south er	d of the
987	Roadway over C	ulvert	2	Routine	08/20/2016	1 EA	0	1	0	N/A	N/A
301			2	Routine	08/20/2018	1 EA	0	1	0	N/A	N/A
				Rouline	00/20/2012		0		U	IN/A	IN/A
				und outside lane has				oderate cr	ack) should	lor ± 12' (i	minor

[2004-2012] Some cracking exists on the south side of Larpenteur Avenue- curb + 4' (moderate crack) shoulder + 12' (minor cracking) outside lane = 18 LF. [2001-2012] Concrete pavement is over culvert. No movement of roadway. Minor started cracking on south side at shoulder in 2003.

#### BRIDGE 62J06 LARPENTEUR AVE OVER PED PATH

#### ROUTINE INSP. DATE: 08/20/2016

ELEM NBR	ELEMENT NAME	ENV	REPORT TYPE	INSP. DATE	QUANTITY	QTY CS 1	QTY CS 2	QTY CS 3	QTY CS 4	QTY CS 5

General Notes:	<ul> <li>[2016] Bridge Safety inspection by Dan Bodelson &amp; Randy Bussiere 0n 8/20/2016.</li> <li>Bridge #62J06 was built in 1997. Concrete culvert is 8' wide X 10' high X 95 LF in length.</li> <li>[2012] Bridge Safety inspection by B. Wieman &amp; D. Bodelson. There is a loose rail on chain link fence at the SW corner.</li> <li>[2008] Bridge inspection was conducted by B. Wieman 8/27/2008.</li> </ul>
58. Deck NBI:	Structure is a Pedestrian Tunnel.
36A. Brdg Railings NBI:	Structure is a culvert w/ No bridge railing.
36B. Transitions NBI:	Guardrail is over culver & no connected to culvert.
36C. Appr Guardrail NBI:	Approach guardrail meets current standards.
36D. Appr Guardrail Terminal NBI:	Guardrail terminations meet current standards.
59. Superstructure NBI:	Structure is a Pedestrian Tunnel.
60. Substructure NBI:	Structure is a Pedestrian Tunnel.
61. Channel NBI:	Structure is a Pedestrian Tunnel - no water.
62. Culvert NBI:	Concrete culvert has minor weathering cracking & leaching.
71. Waterway Adeq NBI:	Structure is a Pedestrian Tunnel - no water.
72. Appr Roadway Alignment NBI:	No speed reduction required.
Inventory Notes:	

Dan Bodelson

Inspector's Signature

Nicklaus Fischer

Reviewer's Signature

#### MINNESOTA BRIDGE INSPECTION REPORT

10/04/2016

Inspector: CO Bridge

#### BRIDGE 62J06 LARPENTEUR AVE OVER PED PATH

	r: Ramsey	Location: 0.26 MI	W OF JCT CSA	H 46	Length:		11.3 ft.		
City:	Falcon Heights	Route: 04 - CSAH		000+00.725	Deck Wid		0.0 ft.		
Townsh	-	Control Section:					isnd: sq. ft	./%	
Section					-		and: sq. ft		
	Type: 1 - Concrete 19 - Culvert (includes	Local Agency Brid	lge Nbr.:		Culvert:	PCST	•		
ist:	frame culverts)	0,	0		Postings:				
IBI De	eck: N Super: N Sub: N Cha	n: N Culv: 7			-				
		Open, Pos	sted, Closed: A	- Open					
			Code: A - NON	WATERWAY					
•••	sal Ratings - Approach: 8 Waterway:				Un	official Stru	ucturally De	eficient	Ν
equire	ed Bridge Signs - Load Posting: 0 - Not Re	•		Not Required			ctionally O		
	Horizntal: 0 - Not Re	quirea	Vertical: N -	Not Applicable	Un	official Suf	ficiency Ra	ting	83.2
ELEM NBR	ELEMENT NAME	REPORT TYPE	INSP. DATE	QUANTITY	QTY CS 1	QTY CS 2	QTY CS 3	QTY CS 4	
41	Reinforced Concrete Culvert	Routine	08/20/2016	95 LF	0	95	0	0	
		Migrated Values		95 LF	0	95	0	0	
	Notes: [2012-2016] Culvert has minor [2008-2016] There are minor cracks @ [2012-2016] There are minor- moderat [2003-2016] No movement of culverts.	joint #2 and #14. Mir e spalls at the NW co	nor spalls are pre rner north end of	culvert.				loose	
00	Critical Deficiencies or Safety Hazards	Routine	08/20/2016	1 EA	1	0	0	0	
		Migrated Values		1 EA	1	0	0	0	
	Notes: [2016] NO CRITICAL FINDING	S OBSERVED DURI	NG THE LAST II	NSPECTION.					
70	Culvert End Treatment	Routine	08/20/2016	2 EA	0	1	1	0	
		Migrated Values		2 EA	0	1	1	0	
			all above culvert						
	[2001-2016] Minor spalls on each side. [2004-2016] Minor deterioration with so [2003-2016] Some vertical cracking @ [2012] Should replace the caps for mod wall caps should be replacedRepaire [2004-2012] There is 12 LF of deteriora Versa-lok block retaining walls.	ome efflorescence. colored grout above dular block wall above d in 2016	culvert north end e culvert at north	end due to dete	erioration.		ar wall bloc	ks are O	K, but th
'1	[2004-2016] Minor deterioration with so [2003-2016] Some vertical cracking @ [2012] Should replace the caps for mod wall caps should be replacedRepaire [2004-2012] There is 12 LF of deteriora	ome efflorescence. colored grout above dular block wall above d in 2016	culvert north end e culvert at north	end due to dete	erioration.		ar wall bloc	ks are O	K, but the
71	[2004-2016] Minor deterioration with so [2003-2016] Some vertical cracking @ [2012] Should replace the caps for mod wall caps should be replacedRepaire [2004-2012] There is 12 LF of deteriora Versa-lok block retaining walls.	ome efflorescence. colored grout above dular block wall above ed in 2016 ation of north end cap	culvert north end e culvert at north blocks repaire	end due to dete d in 2016				ks are O	K, but th
71	[2004-2016] Minor deterioration with so [2003-2016] Some vertical cracking @ [2012] Should replace the caps for mod wall caps should be replacedRepaire [2004-2012] There is 12 LF of deteriora Versa-lok block retaining walls.	ome efflorescence. colored grout above dular block wall above d in 2016 ation of north end cap Routine Migrated Values link fence on south si spall - westbound is C ne has some minor- n he south side of Larport	culvert north end e culvert at north blocks repaire 08/20/2016 de. OK. noderate settlem enteur Avenue- c	end due to dete d in 2016 1 EA 1 EA 2 EA	0 0	The modul: 1 1	0 0	0 0	
	[2004-2016] Minor deterioration with so [2003-2016] Some vertical cracking @ [2012] Should replace the caps for more wall caps should be replacedRepaire [2004-2012] There is 12 LF of deteriorat Versa-lok block retaining walls. Roadway Over Culvert Notes: [2016] damage to 4'high chain [2016] eastbound lanes have a 4' x 8" st [2012-2016] The eastbound outside lar [2004-2016] Some cracking exists on the lane = 18 LF. [2001-2012] Concrete pavement is over	ome efflorescence. colored grout above dular block wall above d in 2016 ation of north end cap Routine Migrated Values link fence on south si spall - westbound is C ne has some minor- n he south side of Larport	culvert north end e culvert at north blocks repaire 08/20/2016 de. OK. noderate settlem enteur Avenue- c	end due to dete d in 2016 1 EA 1 EA 2 EA	0 0	The modul: 1 1	0 0	0 0	
	[2004-2016] Minor deterioration with so [2003-2016] Some vertical cracking @ [2012] Should replace the caps for mod wall caps should be replacedRepaire [2004-2012] There is 12 LF of deteriora Versa-lok block retaining walls. Roadway Over Culvert Notes: [2016] damage to 4'high chain [2016] eastbound lanes have a 4' x 8" s [2012-2016] The eastbound outside lar [2004-2016] Some cracking exists on t lane = 18 LF. [2001-2012] Concrete pavement is over Minor started cracking on south side at	ome efflorescence. colored grout above dular block wall above d ation of north end cap Routine Migrated Values link fence on south si spall - westbound is C ne has some minor- n he south side of Larpe er culvert. No moveme shoulder in 2003.	culvert north end e culvert at north blocks repaire 08/20/2016 de. 0K. noderate settlem enteur Avenue- c ent of roadway.	end due to dete d in 2016 1 EA 1 EA t EA ent. curb + 4' (moder	0 0 rate crack)	The modul: 1 1 shoulder -	0 0 + 12' (minor	0 0	
	[2004-2016] Minor deterioration with so [2003-2016] Some vertical cracking @ [2012] Should replace the caps for mod wall caps should be replacedRepaire [2004-2012] There is 12 LF of deteriora Versa-lok block retaining walls. Roadway Over Culvert Notes: [2016] damage to 4'high chain [2016] eastbound lanes have a 4' x 8" s [2012-2016] The eastbound outside lar [2004-2016] Some cracking exists on t lane = 18 LF. [2001-2012] Concrete pavement is over Minor started cracking on south side at	ome efflorescence. colored grout above dular block wall above dular block wall above dular block wall above dular block wall above and the south Routine Migrated Values spall - westbound is C ne has some minor- n he south side of Larpo er culvert. No moveme shoulder in 2003. Routine Migrated Values	culvert north end e culvert at north blocks repaire 08/20/2016 de. DK. noderate settlem enteur Avenue- c ent of roadway. 08/20/2016	end due to dete d in 2016 1 EA 1 EA ent. curb + 4' (moder 1 EA	0 0 rate crack)	The modula 1 1 shoulder +	0 0 + 12' (minor 0	0 0 r cracking 0	
92	[2004-2016] Minor deterioration with so [2003-2016] Some vertical cracking @ [2012] Should replace the caps for more wall caps should be replacedRepaire [2004-2012] There is 12 LF of deteriorat Versa-lok block retaining walls. Roadway Over Culvert Notes: [2016] damage to 4'high chain [2016] eastbound lanes have a 4' x 8" s [2012-2016] The eastbound outside lar [2004-2016] Some cracking exists on t lane = 18 LF. [2001-2012] Concrete pavement is over Minor started cracking on south side at Slopes & Slope Protection Notes: {2016} slopes are OK	ome efflorescence. colored grout above dular block wall above dular block wall above dular block wall above dular block wall above and the south Routine Migrated Values spall - westbound is C ne has some minor- n he south side of Larpo er culvert. No moveme shoulder in 2003. Routine Migrated Values	culvert north end e culvert at north blocks repaire 08/20/2016 de. DK. noderate settlem enteur Avenue- c ent of roadway. 08/20/2016	end due to dete d in 2016 1 EA 1 EA ent. curb + 4' (moder 1 EA	0 0 rate crack)	The modula 1 1 shoulder +	0 0 + 12' (minor 0	0 0 r cracking 0	
92	[2004-2016] Minor deterioration with so [2003-2016] Some vertical cracking @ [2012] Should replace the caps for more wall caps should be replacedRepaire [2004-2012] There is 12 LF of deteriorat Versa-lok block retaining walls. Roadway Over Culvert Notes: [2016] damage to 4'high chain [2016] eastbound lanes have a 4' x 8" s [2012-2016] The eastbound outside lar [2004-2016] Some cracking exists on t lane = 18 LF. [2001-2012] Concrete pavement is ove Minor started cracking on south side at Slopes & Slope Protection Notes: {2016} slopes are OK Use this element to rate the condition of	ome efflorescence. colored grout above dular block wall above atove Routine Migrated Values a some minor- n the south side of Larpo er culvert. No moveme a shoulder in 2003. Routine Migrated Values of slopes and slope pr	culvert north end e culvert at north blocks repaire 08/20/2016 de. DK. noderate settlementeur Avenue- co ent of roadway. 08/20/2016	end due to dete d in 2016 1 EA 1 EA ent. surb + 4' (moder 1 EA 1 EA	0 0 rate crack) 1 1	The modul: 1 1 shoulder + 0 0	0 0 + 12' (minor 0 0	0 0 • cracking 0 0	

### BRIDGE 62J06 LARPENTEUR AVE OVER PED PATH

ELEM NBR	ELEM	IENT NAME	REPORT TYPE	INSP. DATE	QUANTITY	QTY CS 1	QTY CS 2	QTY CS 3	QTY CS 4
894	Deck & Approach	Drainage	Routine	08/20/2016	1 EA	0	1	0	0
			Migrated Values		1 EA	0	1	0	0
	drains into dry	2016] There are some p well is functioning prop south end of the culver	erly.		to a flat grade.	The drain i	s at the so	uth end of	the culvert, which
900	Protected Specie	s	Routine	08/20/2016	1 EA	1	0	0	0
			Migrated Values		1 EA	1	0	0	0
		no species seen ent to track the presence	e of protected species	living on this stru	icture.				
	General Notes:	.Bridge #62J06 was b [2012] Bridge Safety i	inspection by Dan Bod puilt in 1997. Concrete inspection by B. Wiema ion was conducted by I	culvert is 8' wide an & D. Bodelsoi	X 10' high X 95 n. There is a loc	5 LF in leng		ence at the	SW corner.
	58. Deck NBI:	Structure is a Pedesti	rian Tunnel.						
36A. E	Brdg Railings NBI:	Structure is a culvert	w/ No bridge railing.						
36B	. Transitions NBI:	Guardrail is over culv	er & no connected to c	ulvert.					
36C. Ap	opr Guardrail NBI:	Approach guardrail m	eets current standards	5.					
36	D. Appr Guardrail Terminal NBI:	Guardrail termination	s meet current standar	ds.					
59. Su	perstructure NBI:	Structure is a Pedestr	rian Tunnel.						
60.	Substructure NBI:	Structure is a Pedesti	ian Tunnel.						
	61. Channel NBI:	Structure is a Pedesti	ian Tunnel - no water.						
	62. Culvert NBI:	Concrete culvert has	minor weathering cracl	king & leaching.					
71 \//2	terway Adeq NBI:	Structure is a Pedestr	rian Tunnel - no water.						
71. vva									
	2. Appr Roadway Alignment NBI:	No speed reduction re	equired.						

Dan Bodelson

Inspector's Signature

Nicklaus Fischer

Reviewer's Signature

## Pictures



Photo 1 - InsideTunnelLookingNorth



Photo 2 - InsideTunnelLookingSouth

### **Pictures**



Photo 3 - Larp.Ave.LookingWest



Photo 4 - SpallInNorthEndTunnel

### Pictures



Photo 5 - TunnelLookingNorth