LAKE County 2021 INVENTORY, APPRAISAL & INSPECTION SNAPSHOT (November Data Update) 2/9/2021 Inventory Data - NBIS Bridges Only NBIS COUNT NBIS Bridges > 20' 66 Bridges 10'-20' 35 101 Item 22 Inspection Responsibility CODE # NBIS * ALL 101 Data Tab Col BV,BW County 66 * NBIS * ALL Item 21 Maintenance responsibility CODE 101 Data Tab County 66 City or other local 4 0 0 ColD 0 27 0 Railroad 0 Private (other than RR) 26 0 0 State Park 0 11 0 Local Park 23 0 Township 3 0 0 66 101 Item 42 Type service on bridge CODE * NBIS # ALL Data Tab Other 0 1 63 97 ColQ Highway 2 n 0 Railroad 0 Ped/Bikeway 3 0 0 Hwy/BB 4 5 4 Hwy/Ped 3 66 101 Item 42 Type service under bridge CODE # NBIS # ALL 0 Data Tab Other 0 0 0 0 ColR Hwwwl or wlo Ped 1 0 0 Railroad 2 0 0 Ped/Bkwy 3 0 0 Hwyw/BB 4 Waterway 5 66 101 0 0 Hwy/Waterway 6 0 0 RR/Waterway 7 0 0 Hwy/Waterway/RR 0 0 Relief (for waterways) 9

66

101

ITEMS 43A,B,C	Structure Type(ColM.N	I,O) CODE	# NBIS	# ALL
Concrete Slab	1 1000 701	101	4	11
Concrete Box Bea	am/Girder Multiple	105	1	া
Concrete Frame		107	1	3
Concrete Culvert	(incl frame culverts)	119	12	22
Concrete Continu	ous Slab	201	2	2
Steel Beam or Gir	der	302	7	8
Steel Thru Truss (i	nloudes Pony)	310	4	4
Steel Culvert (incl	frame culverts)	319	0	4
Steel Continuous	Beam or Girder	402	6	6
Prestressed Cond	rete Slab	501	1	া
Prestressed Cond	rete Thru Arch	502	1	
Prestr. Conc. Con	t. Box Beam/Girder Multiple	505	19	22
	rete Continuous Thru Arch	602	2	2
Timber Slab		701	1	81
Timber Thru Arch		702	2	2
Timber Culvert (inc	ol frame oulverts)	719	2	3
Timber Culvert (inc	ol frame oulverts)	819	0	1
Aluminum or Iron	Culvert (incl frame culverts)	919	1	7
		2730	66	101
Item 92 Fractu	re Critical	CODE	# NBIS	# ALL
Data Tab	Requires FC Inspection	Y	4	n/a
Col U,V,Y	Requires FC Inspection	N	62	n/a
			66	n/a
	FC S.	vitch Y/N is Blank	0	nla
	100	VICET THATS DIGHT	- 0	1114
Item 11: Scour			# NRIS	# Al I
Item 113 Scour	Bridge not over waterway	N	≢ NBIS	# ALL
Data Tab	Bridge not over waterway	N	0	0
	unknown foundation	Ü	0	0
Data Tab	unknown foundation over tidal waters	U	0 0 0	0 0 0
Data Tab	unknown foundation over tidal waters foundations on dry land	U T 9	0 0 0 4	0 0 0 4
Data Tab	unknown foundation over tidal waters foundations on dry land stable above footing	U T 9	0 0 0 4 12	0 0 0 4 15
Data Tab	unknown foundation over tidal waters foundations on dry land stable above footing countermeasures installed	U T 9 8	0 0 0 4 12 26	0 0 0 4 15 46
Data Tab	unknown foundation over tidal waters foundations on dry land stable above footing countermeasures installed no scour evaluation made	U T 9 8 4 7	0 0 0 4 12 26	0 0 0 4 15 46
Data Tab	unknown foundation over tidal waters foundations on dry land stable above footing countermeasures installed no scour evaluation made stable within footer limits	U T 9 8 4 7 6	0 0 0 4 12 26 0	0 0 0 4 15 46 0
Data Tab	unknown foundation over tidal waters foundations on dry land stable above footing countermeasures installed no scour evaluation made stable within footer limits stable action needed	U T 9 8 4 7 6 5	0 0 0 4 12 26 0 24	0 0 0 4 15 46 0 36
Data Tab	unknown foundation over tidal waters foundations on dry land stable above footing countermeasures installed no scour evaluation made stable within footer limits stable action needed scour critical - unstable	U T 9 8 4 7 6 5 4	0 0 0 4 12 26 0 24	0 0 4 15 46 0 36
Data Tab	unknown foundation over tidal waters foundations on dry land stable above footing countermeasures installed no scour evaluation made stable within footer limits stable action needed scour critical - unstable scour critical - scour prese	U T 9 8 4 7 6 5 4 3	0 0 0 4 12 26 0 24 0	0 0 0 4 15 46 0 36 0
Data Tab	unknown foundation over tidal waters foundations on dry land stable above footing countermeasures installed no scour evaluation made stable within footer limits stable action needed scour critical - unstable	U T 9 8 4 7 6 5 4 3 ent 2	0 0 0 4 12 26 0 24	0 0 4 15 46 0 36

	Field F.	0.000 100 0000				# ALL
	Lielo CA	al & Doc EJ	35 JAN (1)		2	n/a
			BR_100 f	or these	bridges?	
Under	water			CODE	# NBIS	# ALL
	requires	dive inspec	ction	N	63	n/a
	requires	dive inspec	ction	Y	3	nla
					66	
	dive inst	o date blank			0	
Plan l	nformatic	in.		CODE	# NRIS	# ALL
		T. T.	T T		2	
				1	60	9
	field me	asured		2	2	- 3
	Field Te	sting		3	2	2
	not app	licable		Ņ	0	
-	+	-			66	10
Metho	d of Ana	lusis		CODE	# NBIS	# ALL
202000			a Judame	0	The second second second	
				1	0	(
	LFR			2	0	(
	LRFR			3	0	(
	Loadte	sting		4	0	(
	No Ratir	ng done		5	0	12
	LoadFa	ector (LF)		6	48	6
	WS or A	S		7	8	1
	Load &	Resistance	Factor	8	8	12
	Assigne	d Rating (Lf	FR) HS20	D	0	(
	Assigne	d Rating (LI	RFR) HL9(F	0	(
	Not app	licable (Pec	l, RR, Bldg	X	0	(
ED.					66	10
	Factor re	guired for	bridges h	uilt afte	(exceptions: timb	er etc
					Carocpaons. and	, , ,
	Plan le	Plan Information plans not plan available field meter field Ternot applied Field Ev. Work Struck LFR LRFR Load ternot Assigne Assigne Assigne Not applied Not appl	requires dive inspect requires dive inspect dive insp date blank Plan Information plans not avail plan avail field measured Field Testing not applicable Method of Analysis Field Eval & Doc. En Work Stress LFR LRFR LOAD testing No Rating done Load Factor (LF) WS or AS Load & Resistance Assigned Rating (LE Assigned Rating (LE Not applicable (Pec	requires dive inspection requires dive inspection dive insp date blank Plan Information plans not avail plan avail field measured Field Testing not applicable Method of Analysis Field Eval & Doc. Eng Judgme Work Stress LFR LRFR LOAD testing No Rating done Load Factor (LF) WS or AS Load & Resistance Factor Assigned Rating (LFR) HS20 Assigned Rating (LFR) HLS3 Not applicable (Ped, RR, Bldg DER: Load Factor required for bridges by DER:	requires dive inspection Y requires dive inspection Y dive insp date blank Plan Information CODE plans not avail 0 plan avail 1 field measured 2 Field Testing 3 not applicable N Method of Analysis CODE Field Eval & Doc. Eng Judgme 0 Work Stress 1 LFR 2 LRFR 2 LRFR 3 Load testing 4 No Rating done 5 Load Factor (LF) 6 WS or AS 7 Load & Resistance Factor 8 Assigned Rating (LRFR) HL93 Not applicable (Ped, RR, Bldg X	requires dive inspection

	Inspection Condition	on Data	- NBIS Br	idges Onl	Y
Item 41	Operating Status		CODE	# NBIS	# ALL
Data Tab	Open, No restrictio	n	Α	61	95
Col AM	Open, posting reco	ommended	В	0	
	Open, Half width or		С	0	
	Open because of t	Solve September (set) and the printer processes	D	0	
	Open using temp. s		E	0	
	New struture not ye		G	0	
	closed for load cap		K	0	
	Posted for load cap		Р	5	5
	Posted for other th	and the first of t	В	0	
	Closed for other tha	an load	×	0	
				66	101
	Load Rating Data				
	iting Tab		# OF ERRORS	ì	
Col. AN	Op RF greater than		0		
Col. AO	Posting and % Leg		0		
Col. AP	"0" used instead of		Ö		
Col. AT	% legal <> lowest F	{ - 	0		
Col.A V			0		
Col. AW			0		
Col. AX		s as regid?	Ö		
Col. AY	Item 575 correct?	1	Ö		
Col. AZ	Depth of fill comple	ted?	Ö		

		KEY METRIC	<u>s</u>			
(C)	Compli	ant	(CC)	Conditio	onally Comp	oliant
(SC)	and the same of the same of the same of the	ntially Compliant	The second secon		ompliant	e salara saa
and the same of			(NC)	the state of the s		ithin 6/12 months
				Refresh	er=6 mo, C	omprehensive=1
	1000 NV	U.S. 1 1881	1000 7000			
		gram Manager Qu				
	les revi	**	decrease in the contraction in t	PROGRAMMENT PROGRAM	dz PASS	COMPLIANCE
PE /Expe			0	5.55	100.0%	(C)
Comprek			0	£ 5.0	100.0%	(C)
Refreshe	er		U		100.0%	(C)
METRIC	3 - Tea	am Leader Qualific	(from file:	s examinat	ion)	
From Fi	les revi	e v	Missing	#sample	dz PASS	COMPLIANCE
Degree /	Experienc	oe e	0	2	100.0%	(C)
Comprek	nensive		0	2	100.0%	(C)
Refreshe			0		100.0%	(C)
						900
METRIC	6FC I	nsp. Frequency R	outine			
Bridge	Inspecti	ions Overdue 🔝	Overdue		% PASS	COMPLIANCE
Data Tab	NBIS -	24 months	0		100.0%	(C)
Col. Y	ORC-	CalendarYear	0		100.0%	(C)
	BIM -	18 months	0		100.0%	(C)
	Direc	15 HIGHERS	-		100.07	(0)
		Frequency Routi				
DESCRIPTION OF THE PROPERTY.	MODERNOON PRODUCED ALCOHOL	ions Overdue <u># O\</u>			% PASS	COMPLIANCE
	A Committee of the comm	24 months	0		100.0%	(C)
Col. AB	ORC-	CalendarYear	0		100.0%	(C)
	BIM-	18 months	0		100.0%	(C)
METDIC		p. Frequency Und	ler v ater			
PILINIC	nantiar	ns Overdue # O\	VERDUE	* UW	% PASS	COMPLIANCE
	spection			A STATE OF THE PARTY OF THE PAR	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	The second secon

FC In:	spections	Overdue	# O\	ERDUE!	# FC	Z PASS	COM	PLIANCE
Data T	ab Col. Y	24 month	ıs	0	4	100.0%		(C)
METR	RIC 12 - Ro	utine Ins	pection	"(from file	es examina	tion)		
Field Ratings					# Rating:		COM	PLIANCE
	field ratin	ngs		0	30	100.0%		(C)
Comm	ents	Ī		Missing	# < 6	Z PASS		
Tab	Commer	ts when Ra	ating < 6	0	66	100.0%		(C)
	Inadequ	ate comme	ents"	0	6	100.0%		(C)
				Error	otal Sco	Z PASS		•••••
Comm	eni Rating sk	nould be =	Scour	0	66	100.0%	within toler	rance +/-
Tab	Noncom	pliant Sco	ur Rating E	0	66	100.0%		(C)
METR	RIC 14 - Po	sting	Load ratin	g data tab)			
				sampled	Z PASS	COM	PLIANCE	
Op RF < 3 tons but not close Column BE				66	100.0%	7	(C)	
Op RF	= 0 but not d	closed	Column B(0	66	100.0%		(C)
%Leg	al < 100 but i	not postec	Column B(0	66	100.0%		(C)
Item 4	1= B		Column BE	0	66	100.0%		(C)
METR	RIC 16 - Fra	acture Cr	itical Ins	(from files	examination	on)		
From	Files revie	· v		Missing	# FC	% PASS	COM	PLIANCE
Fract (Critical Memb	ber ID		0	2	100.0%	-	(C)
Fatigu	e Prone Det	ail		0	2	100.0%		(C)
Gusse	t Plate Calci	ulations		0	2	100.0%	- 1	(C)
FC Ins	pection Prod	cedure		0	2	100.0%		(C)
METR	RIC 17 - Un	der v ater	Inspecti	(from files	examinatio	on)		
	Files revie			Missing	# U\	Z PASS	COM	PLIANCE
UW Ins	spection Pro	cedure		0	1	100.0%	-	(C)
Locati	ion of UW ele	ements		0	1	100.0%		(C)
UW fre	equency ider	ntified		0	1	100.0%		(C)

	PREL	IMINA	RY FHW	VA 23 M	etric Mat	rix		
23 metric	s used b	y FHWA to	measure N	IBIS complian	ice			
Compli	ance Co	des for th	ne follow	ing Metrics	:			
	(C)	Complian	nt					
	(SC)	Substan	tially Comp	liant				
	(CC)	Condition	nally Comp	liant (Adherin	g to approve	dPCA)		
	(NC)	Not Com	pliant	1	1881 - 3316 N			
Metric	Descri	ption			(C)	(SC)	(CC)	(NC)
1	State B	ridge Inspe	ction Orga	nization				
2		n Manager					S 7	
3		eader Qual					9 9	
4	Load R	ating Engin	eer Qualific	cation				
5				ualification			(3)	
6	Routine	Inspection	Frequenc	y - Low Risk			9	
7	Routine	Inspection	Frequeno	y - High Risk			89 S	
8	UW Insp	ection Fre	quency - L	ow Risk				
9	UW Insp	ection Fre	quency - H	ligh Risk			505 30	
10	FC Inspection Frequency						8 8	
11	Frequer	ncy Criteria					Se	
12	Inspect	ion Quality						
13	Load R	ating					S	
14	Posted	or Restricte	d Bridges				8 9	
15	Bridge F						See J.	
16	FC Brid	ges					S. (1	
17	UW insp	ection pro	cedures				S 5	
18		Critical Bridg					8 9	
19		x Bridges						
20	QC/QA						55	
21		Findings					S	
22	Invento	ry ··	A				8 9	
23		g of Data	0100 174					
972502	(12/3-1100)		"based	on results of F				
Metric	Action	Veeded						
TIENIE	115315111	12.5454						
	8							