HARDIN County 2021 INVENTORY, APPRAISAL & INSPECTION SNAPSHOT 7/5/2021 (Nov 21 Data update) Inventory Data - NBIS Bridges Only **NBIS COUNT** NBIS Bridges > 20' 237 Bridges 10'-20' 121 358 Item 22 Inspection Responsibility CODE * NBIS # ALL Data Tab Col BV,BW | County 237 358 Item 21 Maintenance responsibility CODE * NBIS * ALL 233 354 Data Tab County City or other local 4 0 0 ColD 4 27 4 Railroad Private (tohter than RR) 0 0 26 0 State Park 11 0 0 Local Park 23 0 Township 0 0 237 358 * NBIS * ALL Item 42 Type service on bridge CODE Data Tab Other 0 1 354 Col Q Highway 233 2 4 Railroad 4 Ped/Bikeway 3 0 0 0 4 0 Hwy/RR 5 0 Hwy/Ped 0 358 237 Item 42 Type service under bridge CODE * NBIS # ALL Data Tab Other Hwww/orw/oPed 4 4 1 ColR 0 Railroad 2 0 0 0 Ped/Bkwy 3 Hwyw/RR 4 0 0 5 233 353 Waterway Hwy/Waterway 6 0 0 7 0 0 RR/Waterway 0 0 Hwy/Waterway/RR 8 0 Relief (for waterways) 9 0 237 358

ITEMS 43A,B	,C Structure Type (Col M.N.O)	CODE	# NBIS	# ALL
Concrete Slab		101	5	31
Concrete Girde	r	103	1	1
Concrete Tee E	Beam	104	4	6
Concrete Box E	Beam/Girder Multiple	105	69	124
Concrete Frame	• [107	0	6
Concrete Deck	Arch	111	0	1
Concrete Culve	rt (incl frame culverts)	119	0	9
Steel Beam or 0	Girder	302	82	85
Steel Girder w/f	Floor System	303	1	
Steel Box Bean	or Girder Multiple	305	2	2
Steel Thru Trus:	s (inloudes Pony)	310	24	24
Steel Culvert (in	ol frame culverts)	319	1	9
Steel Continuo	us Beam or Girder	402	4	4
Prestr. Conc. C	ont. Box Beam/Girder Multiple	505	44	45
	n Culvert (incl frame culverts)	919	0	10
			237	358
Item 92 Fract	ure Critical	CODE	# NBIS	# ALL
Data Tab	Requires FC Inspection	Y	24	n/a
Cel U,V,Y	Requires FC Inspection	N	213	n/a
			237	n/a
	FC date blank		0	n/a
missing	gY/N switch RIC-T0258-0040_(7031093)		*******
Item 11; Scou	r		# NBIS	# ALL
Data Tab	Bridge not over waterway	N	4	- 5
Col AA	unknown foundation	U	0	.0
	over tidal waters	T	0	0
	foundations on dry land	9	0	0
	stable above footing	8	0	0
	countermeasures installed	7	0	.0
	no scour evaluation made	6	0	0
	stable within footer limits	5	233	353
	stable action needed	4	0	0
11	scour critical - unstable	3	0	.0
	200011011110011011111111111111111111111			0
	scour critical - scour present	2	0	
		10000	0	1000
	scour critical - scour present	10000		0

Item 63 De	n 63 Documented Engineering Judgment				# ALL				
- September Pro-	Field Eval & Doc B		COCOCO	17	n/a				
		BR_100 f	or these brid	ges?					
ba= 9211	nderwater		CODE	# NBIS	* ALL				
Data Tab			N	237	n/a				
Torrest to the same			Y	231					
Col W,X,Z	requires dive insp	ection	y	237	n/a				
		-		231				1 1	
	dive insp date bla	-le		Ö	n/a				
	dive irisp date bia	ПК			па				
Item 7fi Pi	an Information	1	CODE	# NBIS	* ALL				
Data Tab	plans not avail		0	17	28			1 1	
Col. AW	plan avail		1	190	298				
	field measured		2	25	27				
		Field Testing		0	0			J	
	not applicable		N	4	4	The second second		1	
				236	357			350208) Inactive	
						New bridge in 2021 not open yet		oen yet	
Item 63 M	ethod of Analysis	1 1	CODE	# NBIS	# ALL				
Data Tab	Field Eval & Doc. I	Eng Judgme	0	17	28			(L	
Col. AV	Load testing		4	0	0				
	No Rating done		5	4	0				
	Load Factor (LF)		6	108	0			J.	
	WS or AS		7	69	0				
	Load & Resistance	Load & Resistance Factor		38	78				
	Assigned Rating (LFR) HS20		D	0	127			1 1	
	Assigned Rating (LRFR) HL93		F	0	82			4	
	Not applicable (P	ed, RR, Bldg	×	0	42				
				236	357	HAR-C02	200-1035_(335)	0208) Inactive	
REMINDE	R:				1 2	New bridg	ge in 2021 not op	oen yet	
Lo	oad Factor required f	or bridges	built afte (exc	eptions: timb	er, etc,)			4	
	RFR required for bridg								
1000									

	Inspection Condition Dat	a - NBIS Bri	dges Only	
Item 4	l Operating Status	CODE	* NBIS	# ALL
Data Tab	Open, No restriction	Α	226	347
CalAM	Open, posting recommende	с В	0	0
	Open, Half width constr.	С	0	0
	Open because of temp. fix	D	0	.0
	Open using temp, structure	E	0	0
	New struture not yet open	G	- 1	1
	closed for load cap, reason	ĸ	0	o
	Posted for load capacity	P	10	10
	Posted for other than load	В	.0	
	Closed for other than load	×	Ö	Č
			237	358
	Load Rating Data			
Load Ra	ting Tab	# OF ERRORS		
Col. AN	Op RF greater than Inv RF?	0		
Col. AO	Posting and % Legal OK?	0		
Col. AP	"0" used instead of blank	0		
Col. AT	% legal <> lowest RF	0		
Col.A.V	Item 70 correct?	0		
Col. AW	Method of Rating Alike?	0		
Col. AX		? 0		
Col. AY	Item 575 correct?	0		
Col. AZ	Depth of fill completed?	0		

HAR-C0065-0110 _(3330664) should be re-load rated last rated in 2013

		KEY METRICS	3			
(C) (SC)	Compli Substa	ant Intially Complian	(CC) (NC) (NC)	Non-Co		liant thin 6/12 months
			(MC)	and addressed between a distance in the second	Annitoral Street has adjusted to be a finished and a street and the second section of the street and a section of the second section of the s	omprehensive=12 r
METRI	C 2 - Pre	ogram Manager G	(from files	evaminatio	n)	
	iles revi				Z PASS	COMPLIANCE
PE /Exp			Ō	1	100.0%	(C)
when the being with the property of	hensive		0	1	100.0%	(C)
Refresh	er		0	1	100.0%	(C)
METRI	C 3 - Te	am Leader Qualit	(from files	examinatio	n)	
From F	iles revi	ew	Missing	≢ sampled	% PASS	COMPLIANCE
Degree	/Experien	ce	0	3	100.0%	(C)
20010	hensive		0	3	100.0%	(C)
Refresh			0	3	100.0%	(C)
E		Frequency Roui	tine 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)
		Li Li				
METRI	C 8 - Ins	p. Frequency Un	der v ater			
		200			% PASS	COMPLIANCE
	spectio	2 20 21		Total U₩	2 PASS 100.0%	COMPLIANCE (C)
Dive In Data Tab	spection Col. Z	ns Overdue	Overdue 0	Total U₩ 0	100.0%	A CONTRACTOR OF THE PARTY OF TH
Dive In Data Tab METRI	spection Col. Z	ns Overdue	Overdue 0 (from files	Total U₩ 0	100.0% n)	A CONTRACTOR OF THE PARTY OF TH
Dive In Data Tab METRI From F	spection Col. Z C 3 – Te	ns Overdue 60 months am Leader Qualit	Overdue 0 (from files	Total UW 0 examinatio	100.0% n)	(C)
Dive In Data Tab METRI From F Degree	spection Col. Z C 3 – Te iles revi	ns Overdue 60 months am Leader Qualit	Overdue 0 (from files Missing	Total UW 0 examination sampled 2	100.0% n) z. PASS	(C)

			ncy Routerdue# 0			% PASS	COM	PLIANCE
Data Tab	NBIS -	24 mont		0		100.0%	5511	(C)
Col. AB	ORC-	Calenda	1-11-1-1	0		100.0%		(C)
COL AD	BIM -	18 mont		0		100.0%		(C)
	Dilitie	TO MOTA	15	,		100.07		(0)
METRIC	C 8 - Ins	sp. Frequ	iency Un	der v ater	8			
Dive Inspections Overdue # 01					# U∀	Z PASS	COM	PLIANCE
Data Tab Col. Z 60 months		0	0	100.0%	area and a	(C)		
METRIC	C 10 - In	sp. Freq	uency Fl	C Member		-		
				VERDUE	# FC	% PASS	COM	PLIANCE
Data Tab (Col. Y	24 mont	hs	0	24	100.0%	8000000	(C)
		outine Ir	spection	"(from file:				
Field R	atings			*>+/-1	# Rating	% PASS	COM	PLIANCE
	field rati	ings		0	24	100.0%	Gerral Ices	(C)
Comments				Missing	#<6	% PASS		
Tab	Comme	nts when f	Rating < 6	0	229	100.0%		(C)
	Inadequ	uate comm	ents"	0	6	100.0%		(C)
	100000000000000000000000000000000000000		1500000	Error	otal Sco	% PASS		
Comments Rating should be = Scour			0	229	100.0%	within tole	rance +/-	
Tab	Noncor	npliant Sc	our Rating	0	229	100.0%		(C)
		20 0						
	. 14 – P iles rev	osting	Load ratir	ng data tab		*/ DACC	COM	OL LANCE
				-		Z PASS	LUM	PLIANCE
The second second		ut not clos	ea	0	237	100.0%		(C)
	0 but no		- P		237	100.0%		(C)
		t not poste	ea .	0	237	100.0%		(C)
ltem 41=	Б			0	237	100.0%		(C)
METRIC	: 16 - Fr	racture C	ritical In	(from files e	xamination	ป		
	iles revi			Missing		z PASS	COMP	LIANCE
Fract Critical Member ID		0	2	100.0%		(C)		
	Prone De			0	2	100.0%	1	(C)
Gusset Plate Calculations		0	2	100.0%	-	(C)		
FC Inspe	ection Pro	ocedure		0	2	100.0%	8	(C)
METDY	17 11			Commedian				
	iles revi		er inspec	(from files e		% PASS	COMP	LIANCE
		ocedure		Missing 0	1	100.0%	COMP	(C)
	Control of the Control of the Control of			0	1	100.0%	8	(C)
Location of UW elements UW frequency identified						- 6	100 10 10	
111.76	unner id.	ampific d		0	1	100.0%		(C)

CONTROL OF THE PROPERTY OF THE		X		
23 metrics used by FHWA to measure NBIS comp	liance			
Compliance Codes for the following Metr	rics:			
(C) Compliant				
(SC) Substantially Compliant				
(CC) Conditionally Compliant (Adhe	ring to approve	dPCA)		
(NC) Not Compliant				
Metric Description	(C)	(SC)	(CC)	(NC)
1 State Bridge Inspection Organization		- ROWNERS	-2005000000000	2-500561250
2 Program Manager Qualification		- 8	- 3	
3 Team Leader Qualification				a .
4 Load Rating Engineer Qualification				
5 UW Bridge Inspection Diver Qualification	1	- 8		
6 Routine Inspection Frequency - Low Ris				Q.
7 Routine Inspection Frequency - High Ri				
8 UW Inspection Frequency - Low Risk		(4)		
9 UW Inspection Frequency - High Risk		- 8		
10 FC Inspection Frequency				3
11 Frequency Criteria				
12 Inspection Quality		G		
13 Load Rating		- 8		
14 Posted or Restricted Bridges				
15 Bridge Files				-
16 FC Bridges		-		
17 UW inspection procedures		- 8		-
18 Scour Critical Bridges				
19 Complex Bridges				5
20 QC/QA		i i		3
21 Critical Findings		- 8		-
22 Inventory **				
23 Updating of Data				-
" based on results o				
Metric Action Needed				