WARREN County 2021 INVENTORY, APPRAISAL & INSPECTION SNAPSHOT

7/2/2021

Inventory Data -	NBIS Bridges Only
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			NBIS COUNT	
NBI	S Bridges > 20'		187	
Brid	lges 10'-20'		202	
			389	
Item 22 Ins	pection Responsibility	CODE	# NBIS	# ALL
Data Tab Col B\		2	187	389
Item 21 Ma	intenance responsibilit	y <u>CODE</u>	# NBIS	# ALL
Data Tab	County	2	187	385
ColD	City or other local	4	0	0
	Railroad	27	0	1
	Private (tohter than Ri	R) 26	0	3
	State Park	11	0	0
	Local Park	23	0	0
	Township	3	0	0
			187	389
Item 42 Typ	oe service on bridge	CODE	# NBIS	# ALL
Data Tab	Other	0	0	0
Col Q	Highway	1	187	388
	Railroad	2	0	1
	Ped/Bikeway	3	0	0
	Hwy/BR	4	0	0
	Hwy/Ped	- 5	0	0
			187	389
Item 42 Typ	e service under bridge	CODE	# NBIS	# ALL
Data Tab	Other	0	0	0
ColR	Hwywl or wlo Ped	1	0	1
	Railroad	2	0	0
	Ped/Bkwy	3	0	3 0
	Hwyw/RR	4	0	
	Waterway	5	187	385
	Hwy/Waterway	6	0	0
	RR/Waterway	7	0	0
	Hwy/Waterway/RR	8	0	0
	Relief (for waterways)	9	0	0
	neller (for waterways)	3	187	389

ITEMS 43A,B,C Structure Tope(Col M.N,O)	CODE	# NBIS	# ALL
Concrete Slab	101	5	28
Concrete Frame	107	5	32
Concrete Culvert (incl frame culverts)	119	7	41
Concrete Continuous Slab	201	4	5
Steel Beam or Girder	302	7	21
Steel Thru Truss (inloudes Pony)	310	3	3
Steel Culvert (incl frame culverts)	319	10	30
Steel Continuous Beam or Girder	402	3	3
Prestressed Concrete Thru Arch	502	1	1
Prestr. Conc. Cont. Box Beam/Girder Multiple	505	125	151
Prestr. Conc. Cont. Box Beam/Girder Multiple	605	3	3
Timber Culvert (incl frame culverts)	819	3	11
Aluminum or Iron Culvert (incl frame culverts)	919	11	60
	1000000	187	389

	# NBIS	CODE		Item 92 Fra	
n/a	2	Y	Тъь Requires FC Inspection Y		Data Tab
n/a	185	N	pection	Requires FC Ins	Col U,V,Y
nla	187				
n/a	0	ch Y/N is Blank	FC Swite		
	1000000	N N ch Y/N is Blank	pection		

Item 11: Scour			# NBIS	* ALL
Data Tab	Bridge not over waterway	N	0	4
Col AA	unknown foundation	U	0	0
	over tidal waters	T	0	0
	foundations on dry land	9	7	13
	stable above footing	8	124	231
	countermeasures installed	7	18	52
	no scour evaluation made	6	0	0
	stable within footer limits	5	38	89
	stable action needed	4	0	0
	scour critical - unstable	3	0	0
	scour critical - scour present	2	0	0
	scour critical - failure immine	1	0	0
	scour critical - bridge failed	0	0	0
			187	389

Item 92 Und	ler v ater	CODE	# NBIS	# ALL
Data Tab	requires dive inspection	N	180	n/a
Col W,X,Z	requires dive inspection	Y	7	n/a
			187	
ltem 70 Plai	n Information	CODE	# NBIS	# ALL
Data Tab	plans not avail	0	9	58
Col. AW	plan avail	1	171	307
	field measured	2	7	23
	Field Testing	10000	0	0
	not applicable	N	0 187	389
ltem 63 Met	hod of Analysis	CODE	# NBIS	# ALL
Data Tab	Work Stress	0	11	66
Col. AV	LFR	1	0	0
Wilder old	LRFR	2	0	0
	load test	3	0	0
	No rating done	4	0	0
	LFR	5	0	
	AS	6	116	211
	LRFR	7	2	10
	Assigned LFR HS20	8	58	101
	Assigned LRFR HL93	D	0	0
	not appl (RR, etc)	F:	0	0
	Not applicable (Ped, RR, Bld	×	0	0
			187	389
REMINDER:		1 461 99. 39 144		224 92
Loa	d Factor required for bridge	s built aft (ex	ceptions: tim	ber, etc,

	-		L.					~=~
Item 41	Operat	ing State			CODE		* NBIS	# ALL
Data Tab			o restrictio		Α		164	363
ColAM			osting rec				0	
			alf width c		C	4	0	
		Open be	cause of t	emp. fix		4	0	(
		Open us	ing temp. :	structure	E		0	(
		New stru	ture not ye	et open	G	;	0	
		closed fo	or load dap	o. reason	K		2	
			or load ca		F		21	23
		The state of the s	or other th		E		0	(
		Closed fo	or other th	an load	×	(0	
							187	389
	Load	Dating	Data					
		Rating	Data		* OF FD	none		
Col. AN	ting Tab	On PF or	eater than	Jou PF2	# OF ER			
Col. AO	•••••	Posting	and % Leg	al OK?	Č			
Col. AP			instead o		Û	i		
Col. AT			> lowest F		C)		
Col.A V		Item 70 c			C)		
Col. AW		Method	of Rating (Alike?	C)]		
Col. AX		Op & Inv	RF in Ton	s as reg'd'	C)		
Col. AY		Item 575 correct?			0			
Col. AZ		Depth of fill completed?						
		KEY N	/IETRIC	S				
(C)	Compli	ant		(CC)	Conditio	nally Co	moliant	
(SC)	Substa	ntially C	omplian		Non-Co		p.i.d.i.c	
		100	100	(NC)	(SC) If c	orrected	within 6/	12 mont
		5000			Refresh	er=6 mo,	Compreh	nensive=
	2 - Pro		nager G		s examinat		COM	PLIANCE
PE /Expe				0	Association Statement Administration	100.0%	3.51	(C)
Comprel				Ō		100.0%		(C)
Refresh				0	1	100.0%		(C)
400000000	1000				997	120000		W1007-17W
(1) Shirts City			er Qualif		s examinat	Carlo Company of the	COM	DI IANICE
From Files review				Lancas and Contract of the Con	sample		LUMI	PLIANCE
-				- 0	2	100.0%		(C)
Degree i	X	ce		192				32.450
Degree i Comprel Refresh	hensive	ce		0	2	100.0%		(C) (C)

From F	iles revi	ew	Missine	g≢sample	dz PASS	COMPLIANCE				
Degree	/Experien	ice		0 1	100.0%	(C)				
Comprehensive training		(0 1	100.0%	(C)					
- 100		38.80				•				
METRI	C 6 Insp	. Frequenc	v Routine							
			ud OVERDUE		% PASS	COMPLIANCE				
	NBIS -	24 months		0	100.0%	(C)				
Col. AB	ORC-	CalendarY	ear (0	100.0%	(C)				
	BIM-	18 months		D	100.0%	(C)				
	100000000000000000000000000000000000000	- Handstein Fre				80020				
			cy Underwate							
		ns Overdu	* OVERDUE	* UW	The state of the s	COMPLIANCE				
Data Tab	Col. Z	60 months	(7	100.0%	(C)				
METRI	C 10 - In	sp. Freque	ncy FC Memb	er						
		s Overdue	* OVERDUE		% PASS	COMPLIANCE				
Data Tab	Col. Y	24 months		0 2	100.0%	(C)				
		1			1 1000000000000000000000000000000000000	30000				
	C 12 - R Patings	outine Insp		· # Ratio	g:Z PASS	COMPLIANCE				
i ieiu i	field rati	nas	- 7.1	24	100.0%	(C)				
Comment:		95	Missin		% PASS					
Tab		nts when Rat	And the second s		5 98.4%	(C)	The 3 bridges	missing comment	s	
			The second second second	otal Sc	NZ PASS			comments about :		
Comment:	Ratings	should be = S	cour (0 185		ithin tolerance +/- 1	in other items	like Substructure	and Culvert.	
Tab		npliant Scour		0 18	5 100.0%	(C)	They are fully o	compliant.		
	J									
	C 14 - P		oad rating data t		b. D. CO	00110111105				
	iles revi	100			PASS	COMPLIANCE				
	: O but not	ut not closed		D 187 D 187	100.0%	(C) (C)	Vb 10 b	ridge where they a		
		t not posted		0 187	100.0%	(C)		nage where they a ted, but there is no		
/. Leya tem 41:		choc posted		0 187	100.0%	(C)		n Column AM Item		
eziii 41.				33.00	100.07	300	date enteredii	, column Air Item		
			ical Inspectio							
From Files review		Missing	The state of the s	Z PASS	COMPLIANCE					
	itical Men		0	2	100.0%	(C)				
Fatigue	Prone De		0	2	100.0%	(C)				
Gusset Plate Calculations		0	2	100.0%	(C)					
		FC Inspection Procedure		2	100.0%	(C)				

From Fi	les revi	ew	Missing	*U\	% PASS	COM	PLIANCE
UW Inspe	ection Pr	ocedure	0	1	100.0%	7,000,000,000	(C)
Location			0	1	100.0%		(C)
UW frequ	uency ide	entified	0	1	100.0%		(C)
	DDEI	INJINIAI	RY FHWA 23	Motric	Matrix		
23 metric	E D		measure NBIS com		IVIALITA		
Compli	ance Co	ides for ti	ne following Met	rics			
compi	(C)	Compliar	the first terminal and				
	(SC)		tially Compliant				
	(CC)		nally Compliant (Adł	nering to an	proved PCA	1	
	(NC)	Not Com		g 10 SP		•	
			2023				
Metric	Descri	iption		(C)	(SC)	(CC)	(NC)
1			ction Organization		#	100 100 100	16 86
2	Program	n Manager	Qualification			- 8	
3	TeamL	eader Qual	lification				
4	Load R	ating Engin	eer Qualification			1	
5	UW Brid	lge Inspect	ion Diver Qualification	> n		- 3	
6	Routine	Inspection	Frequency - Low F	(1 44		59	
7	Routine	Inspection	Frequency - High F	3844			
8	UW Insp	oection Fre	quency - Low Risk			- 25	
9	UW Insp	pection Fre	quency - High Risk			- 8	
10	FC Insp	ection Fred	quency		3	59	
11	Freque	ncy Criteria					
12	Inspect	ion Quality				- 10	
13	Load R	ating				38	
14	Posted	or Restricte	ed Bridges		j	j.	
15	Bridge I						
16	FC Brid					e.	
17		pection pro				70	
18		Critical Bridg	ges			35	
19		x Bridges					
20	QC/QA						
21		Findings				- 8	
22	Invento						
23	Updatin	ng of Data			#		
			" based on results	of Field Re	view		
Metric	100000000000000000000000000000000000000	Needed				dates	