

State of Ohio Public Works Commission

Application for Financial Assistance

	Applicant: Fulton County			Subdivisio	n Code: 0	51-00051
Applicant	District Number: 5 County:	Fulton		-	Date: 0	8/26/2019
Арр	Contact: Benjamin C. Rowland, P.E. (The individual who will be available during	business hours and who can best answer or c	oordinate the respons	se to questions)	Phone: 4	419) 335-3816
	Email: <u>browland@fultoncountyoh.co</u>	m	~		FAX: (419) 335-1091
	Project Name: <u>Bridge 10S.3, Bridge</u>	10-2M.3, & Bridge J109.5 Rep	lacementş		Zip Code:	43533/43515
	Subdivision Type	Project Type		Funding F	Request Su	ummary
·	(Select one)	(Select single largest component by \$)	(Automatica	ally populates fro	m page 2)	
Project	1. County	1. Road	Total Proje	ect Cost:	£	650,000 .00
50	2. City	2. Bridge/Culvert	1.	Grant:		325,000 .00
	3. Township	3. Water Supply	2.	Loan:		0.00
	4. Village	4. Wastewater		Loan Assista		0.00
	5. Water (6119 Water District)	5. Solid Waste		Credit Enhan	cement:	
		6. Stormwater	Funding R	lequested:		325,000 .00
	istrict Recommendation Funding Type Requested	(To be completed by the District		V		.00.
(Se	elect one)		.% Term:	Yrs Ai	mount:	.00
(Se	,					
	State Capital Improvement Program Local Transportation Improvement Program	RLP Loan - Rate:		Yrs Aı	mount:	.00
	State Capital Improvement Program Local Transportation Improvement Program Revolving Loan Program	RLP Loan - Rate:		Yrs Ai	mount:	.00
	State Capital Improvement Program Local Transportation Improvement Program Revolving Loan Program Small Government Program	RLP Loan - Rate: Grant: LTIP:	% Term:	Yrs Ai	mount: mount: mount:	.0000
	State Capital Improvement Program Local Transportation Improvement Program Revolving Loan Program Small Government Program District SG Priority:	RLP Loan - Rate:	% Term:	Yrs Ai	mount: mount: mount:	.00
	State Capital Improvement Program Local Transportation Improvement Program Revolving Loan Program Small Government Program	RLP Loan - Rate: Grant: LTIP:	% Term:	Yrs Ai	mount: mount: mount:	.0000
	State Capital Improvement Program Local Transportation Improvement Program Revolving Loan Program Small Government Program District SG Priority:	RLP Loan - Rate: Grant: LTIP:	% Term:	Yrs Ai	mount: mount: mount: mount:	.0000
Fo	State Capital Improvement Program Local Transportation Improvement Program Revolving Loan Program Small Government Program District SG Priority: Dr OPWC Use Only	RLP Loan - Rate: Grant: LTIP: Loan Assistance / Credit	% Term:	Yrs Ai Ai t: Ar Loan Typ	mount: mount: mount: mount:	.00
Fo	State Capital Improvement Program Local Transportation Improvement Program Revolving Loan Program Small Government Program District SG Priority: Dr OPWC Use Only STATUS	RLP Loan - Rate: Grant: LTIP: Loan Assistance / Credit	% Term: Enhancemen .00 .00	Yrs Ai Ai t: Ar Loan Typ	mount: mount: mount: mount: e: S struction E	.00 .00 .00 .00
Fo	State Capital Improvement Program Local Transportation Improvement Program Revolving Loan Program Small Government Program District SG Priority: Dr OPWC Use Only STATUS	RLP Loan - Rate: Grant: LTIP: Loan Assistance / Credit Grant Amount: Loan Amount:	% Term: Enhancemen000000	Yrs Ai Ai t: Ar Loan Typ Date Con	mount: mount: mount: mount: e: S struction E	

1.0 Project Financial Information (All Costs Rounded to Nearest Dollar)

1.1 Project Estimated Costs

Engineering Services				
Preliminary Design:	.00			
Final Design:	.00			
Construction Administration:	.00			
Total Engineering Services:	a.)	0	.00	0 %
Right of Way:	b.)		.00	
Construction:	c.)	650,000	.00	
Materials Purchased Directly:	d.)		.00	
Permits, Advertising, Legal:	e.)		.00	
Construction Contingencies:	f.)		.00	0 %
Total Estimated Costs:	g.)	650,000	.00	
1.2 Project Financial Resources				
Local Resources				
Local In-Kind or Force Account:	a.)		.00	
Local Revenues:	b.)	325,000	.00	
Other Public Revenues:	c.)		.00	
ODOT / FHWA PID:	d.)	•	.00	
USDA Rural Development:	e.)		.00	
OEPA / OWDA:	f.)		.00	
CDBG: County Entitlement or Community Dev. "Formula" Department of Development	g.)		.00	ı
Other:	h.)		.00	,
Subtotal Local Resources:	i.)	325,000	.00	50 %
OPWC Funds (Check all requested and enter Amount)				
Grant: 100 % of OPWC Funds	j.)	325,000	.00	
Loan:0 % of OPWC Funds	k.)		.00	
Loan Assistance / Credit Enhancement:	1.)	0	.00	
Subtotal OPWC Funds:	m.)	325,000	.00	50_ %
Total Financial Resources:	n.)	650,000	.00	100_%

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1.3 Availability of Local Funds

Attach a statement signed by the Chief Financial Officer listed in section 5.2 certifying all local resources required for the project will be available on or before the earliest date listed in the Project Schedule section. The OPWC Agreement will not be released until the local resources are certified. Failure to meet local share may result in termination of the project. Applicant needs to provide written confirmation for funds coming from other funding sources.

2.0 Rep	oair / Replacement or New / Expa	ansion				
	2.1 Total Portion of Project Repair / Replace	ement:	650	.000	<u>100</u> %	A Farmland Preservation letter is
	2.2 Total Portion of Project New / Expansion	ղ:		0.00	0 %	required for any impact to farmland
	2.3 Total Project:		650	.000	_100_%	
3.0 Proj	ect Schedule					
	3.1 Engineering / Design / Right of Way	Begin Date:	01/01/2020	End Date:	:04/01/2	2020
	3.2 Bid Advertisement and Award	Begin Date:	04/01/2020	End Date:	:06/01/2	2020
	3.3 Construction	Begin Date:	07/01/2020	End Date:	: 12/31/2	2021
	Construction cannot begin prior to release of e	xecuted Projec	ct Agreement and	issuance of	Notice to P	roceed.
	Failure to meet project schedule may resul Modification of dates must be requested in Commission once the Project Agreement h	n writing by pro	oject official of re			
4.0 Proj	ject Information					
lf t	he project is multi-jurisdictional, information n	nust be conso	lidated in this se	ction.		
4.1 L	Jseful Life / Cost Estimate / Age	of Infrastr	ucture			
Pro	oject Useful Life: <u>50</u> Years Age: _	1929/1919/195	8 (Year built or y	ear of last m	ajor improv	ement)
	Attach Registered Professional Engineer's sproject's useful life indicated above and det			and signatuı	re confirmi	ng the
4.2 L	Jser Information					
Ro	oad or Bridge: Current ADT 1,532	Year2019	Projected	ADT1,9	92 Year	2040
W	ater / Wastewater: Based on monthly usag	e of 4,500 gal	lons per househo	old; attach c	urrent ordi	nances.
	Residential Water Rate	Current	\$	Proposed	\$	war and Andrews Andrew
	Number of households served:					
	Residential Wastewater Rate	Current	\$	Proposed	\$	
	Number of households served:	-				

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Stormwater: Number of households served: ____

4.3 Project Description

A: SPECIFIC LOCATION (Supply a written location description that includes the project termini; a map does not replace this requirement.) 500 character limit.

Bridge 10S.3 is on Royalton Township Road 10, 0.3 miles north of County Road S over Big Bear Creek.

Bridge 10-2M.3 is on County Road 10-2, 0.3 miles north of County Road M over North Branch of Bad Creek.

Bridge J109.5 is on County Road J, 0.5 miles west of SR 109 over Bad Creek.

B: PROJECT COMPONENTS (Describe the specific work to be completed; the engineer's estimate does not replace this requirement) 1,000 character limit.

Bridge 10S.3: Replace existing deteriorated single span concrete slab superstructure with precast prestressed concrete box beams on rehabilitated concrete abutments. Additional work includes minor roadway and approach shoulder widening for guardrail.

Bridge 10-2M.3: Replace existing concrete jack arch deck and widened concrete slab superstructure with precast prestressed concrete box beams on rehabilitated concrete abutments. Additional work includes minor roadway and approach shoulder widening for guardrail.

Bridge J109.5: Rehabilitate the existing 3 span concrete continuous slab superstructure by hydrodemolition and concrete overlay. Additional work includes replacing the concrete backwall, new concrete approach slabs, upgrading the bridge railing to TST railing with new approach guardrail and minor roadway and shoulder widening.

C: PHYSICAL DIMENSIONS (Describe the physical dimensions of the existing facility and the proposed facility. Include length, width, quantity and sizes, mgd capacity, etc in detail.) 500 character limit.

	Bridge 10S.3	Bridge 10-2M.3	Bridge J109.5
Length of project =	100'	200'	200'
Ex. Bridge Width =	23' f/f parapet	24' f/f parapet	28' f/f guardrail
Prop. Bridge width =	28' f/f guardrail	28' f/f guardrail	28' f/f guardrail
Ex. Bridge Span =	25'	16'	67'
Prop. Bridge Span =	25'	16'	67'

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5.0 Project Officials

Changes in Project Officials must be submitted in writing from an officer of record.

5.1	Chief	Executive	Officer
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(Person authorized in legislation to sign project agreements)

Name: Frank T. Onweller

Title: Fulton County Engineer

Address: 9120 County Road 14

City: Wauseon State: OH Zip: 43567

Phone: (419) 335-3816

FAX: (419) 335-1091

fonweller@fultoncountyoh.com

5.2 Chief Financial Officer

(Can not also serve as CEO)

E-Mail:

Name: Brett J. Kolb

Title: Fulton County Auditor

Address: 152 S. Fulton Street

City: Wauseon State: OH Zip: 43567

Phone: (419) 337-9200

FAX: (419) 337-9298

E-Mail: bkolb@fultoncountyoh.com

5.3 Project Manager

Name: Frank T. Onweller

Title: Fulton County Engineer

Address: 9120 County Road 14

City: Wauseon State: OH Zip: 43567

Phone: (419) 335-3816

FAX: (419) 335-1091

E-Mail: fonweller@fultoncountyoh.com

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6.0 Attachments / Completeness review

Confirm in the boxes below that each item listed is attached (Check each box) A certified copy of the legislation by the governing body of the applicant authorizing a designated **|** official to sign and submit this application and execute contracts. This individual should sign under 7.0, Applicant Certification, below. A certification signed by the applicant's chief financial officer stating the amount of <u>all local share</u> **|** funds required for the project will be available on or before the dates listed in the Project Schedule section. If the application involves a request for loan (RLP or SCIP), a certification signed by the CFO which identifies a specific revenue source for repaying the loan also must be attached. Both certifications can be accomplished in the same letter. A registered professional engineer's detailed cost estimate and useful life statement, as required in **/** 164-1-13, 164-1-14, and 164-1-16 of the Ohio Administrative Code. Estimates shall contain an engineer's seal or stamp and signature. A cooperative agreement (if the project involves more than one subdivision or district) which identifies the fiscal and administrative responsibilities of each participant. Farmland Preservation Review - The Governor's Executive Order 98-IIV, "Ohio Farmland Protection Policy" requires the Commission to establish auidelines on how it will take protection of productive agricultural and grazing land into account in its funding decision making process. Please include a Farm Land Preservation statement for projects that have an impact on farmland. Capital Improvements Report. CIR Required by O.R.C. Chapter 164.06 on standard form. Supporting Documentation: Materials such as additional project description, photographs, economic impact (temporary and/or full time jobs likely to be created as a result of the project), accident

7.0 Applicant Certification

Integrating Committee.

The undersigned certifies: (1) he/she is legally authorized to request and accept financial assistance from the Ohio Public Works Commission as identified in the attached legislation; (2) to the best of his/her knowledge and belief, all representations that are part of this application are true and correct; (3) all official documents and commitments of the applicant that are part of this application have been duly authorized by the governing body of the applicant; and, (4) should the requested financial assistance be provided, that in the execution of this project, the applicant will comply with all assurances required by Ohio Law, including those involving Buy Ohio and prevailing wages.

reports, impact on school zones, and other information to assist your district committee in ranking your project. Be sure to include supplements which may be required by your local District Public Works

Applicant certifies that physical construction on the project as defined in the application has NOT begun, and will not begin until a Project Agreement for this project has been executed with the Ohio Public Works Commission. Action to the contrary will result in termination of the agreement and withdrawal of Ohio Public Works Commission funding from the project.

Frank T. Onweller, P.E., P.S.

Certifying Representative (Phinted form, Type or Print Name and Title)

Output

Original Signature / Date Signed

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RESOLUTION 2019-695

In the Matter of Resolution Au Onweller, Fulton County Engi to Participate in the Ohio Publ State Capital Improvement Pro Contracts as Required for the I 10-2M.3 & Bridge J109.5 Proj	neer, ic Works Commission ogram and to Execute Bridge 10S.3, Bridge) Fultor	e of County Commissioners, 1 County, Ohio st 22, 2019
The Board of County Commis August 22, 2019, at 152 South	sioners of Fulton Count Fulton Street, Wauseon	y, Ohio met in re 1, Ohio, with the t	gular session pursuant to notice, on following members present:
	Jon R Bill Ruf Jeff R	enacht	
α_{ij}	0		1
Commissioner (USPP	moved for the ac	loption of the following resolution:
			ocal Transportation Improvement or capital improvements to public
WHEREAS, the County of 10-2M.3 and Bridge J109.5 pro		nake capital impro	ovements for Bridge 10S.3, Bridge
WHEREAS, the infrastructure for the community and is a quant			is considered to be a priority need
NOW THEREFORE, BE IT	RESOLVED by the F	ulton County Bo	ard of Commissioners:
Section 1: Frank OWPC for funds as de		ounty Engineer, is	s hereby authorized to apply to the
			further authorized to enter into any inancial assistance; and
'County Commissioners, Count adopted in an open meeting of of County Commissioners and	ty of Fulton, State of O this Board of County Co of any of its committees	hio concerning the ommissioners, and that resulted in su	all formal actions of this Board of ne adoption of this resolution were I that all deliberations of this Board ach formal action, were in meetings section 121.22 of the Ohio Revised
This resolution was seconded the roll, the following vote was		Im Muy	and upon calling
Voting Aye thereon:	Voting Nay thereon:	:	Abstain:
on Rupp	Jon Rupp	<u> </u>	Jon Rupp
Bill Rufenacht	Bill Rufenacht		Bill Rufenacht
Jeff Rupp	Jeff Rupp		Jeff Rupp
I	OARD OF COUNTY FULTON COU		ERS
		Attest	MU MOL Téri Suarez, Clefk

Journal 330

COUNTY AUDITOR CERTIFICATION OF

LOCAL FUNDS AND LOAN REPAYMENT

August 23, 2019

I, County Auditor of Fulton County, hereby certify that Fulton County has the amount of \$325,000.00 in the Engineer's fund (2420 Fund) and that this amount will be used to pay the local share of the Bridge 10S.3, Bridge 10-2M.3, and Bridge J109.5 Replacements project when it is required.

Brett J. Kolb

Fulton County Auditor

73-2017

Date

ENGINEER'S CERTIFICATION FOR

INFRASTRUCTURE PROJECT APPLICATION 8/27/2019

To: Ms. Linda S. Bailiff

Ohio Public Work's Commission

Columbus, Ohio

Please accept this certification that I, Frank T. Onweller, Fulton County Engineer, have examined the project application listed in the attached document, and in my opinion the estimated total cost of \$650,000.00 is reasonable and appropriate. I further certify that Bridge 10S.3, Bridge 10-2M.3, and Bridge J109.5 each have a useful life of 50 years. The weighted useful life is 50 years.

- (1) Title of Project: BRIDGE 10S.3, BRIDGE 10-2M.3, AND BRIDGE J109.5 REPLACEMENTS
- (2) Political Subdivision Submitting this Project: FULTON COUNTY
- (3) Type of Project: BRIDGE REPLACEMENT
- (4) Request from Issue II Funds: \$325,000.00

FRANK
ONWELLER

52359

60/STERE

Respectfully,

Frank T. Onweller

Fulton County Engineer

Frank T. Onweller, P.E., P.S., County Engineer

Rod Creager, P.E., P.S., Chief Deputy Engineer

9120 Co. Rd. 14 Wauseon, OH 43567-9669 Telephone: 419-335-3816 Fax: 419-335-1091

				FINAL ESTIMATE PROJECT: BRIDGE 10S.3 REPLACEMENT DATE: JULY 17, 2019		\$	200,000.00
REF. NO.	ITEM NO.	QUANTITY	UNITS	DESCRIPTION	UNIT PRIC	=	ESTIMATED COST
				ROADWAY			
1	201	1		CLEARING AND GRUBBING	\$ 1,000	.00 \$	1,000.00
2	202	84		PAVEMENT REMOVAL FOR BUTT JOINTS	\$ 12	.00 \$	1,008.00
3	203	25		EXCAVATION	\$ 20	.00 \$	500.00
4	203	30		EMBANKMENT	\$ 25	.00 \$	750.00
5	204	100		SUBGRADE COMPACTION		.00 \$	200.00
6	606	75	FT	GUARDRAIL, TYPE MGS		.00 \$	
7	606	4		ANCHOR ASSEMBLY, MGS TYPE E	\$ 2,500	.00 \$	10,000.00
8	606	4 Angga Asilabalbad	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	\$ 2,000	.00 \$	8,000.00
				EROSION CONTROL			
9	601	30	TON	ROCK CHANNEL PROTECTION, TYPE D WITHOUT FILTER	\$ 70	.00 \$	2,100.00
				DRAINAGE			
10	603	25	FT	10" CONDUIT, TYPE D	\$ 35	.00 \$	875.00
				PAVEMENT			
11	304	92	TON	AGGREGATE BASE (8")	\$ 40	.00 \$	3,680.00
12	407	50	GALLON	TACK COAT	\$ 2	.00 \$	100.00
13	441	16	CU YD	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2 (448), PG64-22	\$ 450	.00 \$	7,200.00
14	441	15	CU YD	ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (448), PG64-22	\$ 450	.00 \$	6,750.00
15	617	12	TON	RECONDITIONING OF SHOULDERS	\$ 70	.00 \$	840.00
				TRAFFIC CONTROL			
16	626	12	EACH	BARRIER REFLECTOR, TYPE A	\$ 12	.00 \$	144.00
17	642	0.04	MILE	CENTER LINE, TYPE 1	\$ 30,000	.00 \$	1,200.00
18	642	0.08	MILE	EDGE LINE, TYPE 1	\$ 30,000	.00 \$	2,400.00
				BRIDGE 10S.3			
19	202	1	LUMP	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN	\$ 15,000	.00 \$	15,000.00
20	202	64	SQ YD	WEARING COURSE REMOVED		.00 \$	
21	503	150	CU YD	UNCLASSIFIED EXCAVATION		.00 \$	
22	509	4,500	POUND	EPOXY COATED REINFORCING STEEL		.50 \$	
23	510	175	EACH	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT		.00 \$	
24	511	20	CU YD	CLASS QC 1 CONCRETE, ABUTMENT		.00 \$	
25	512	148		SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)		.00 \$	
26	512	100		TYPE 3 WATERPROOFING		.00 \$,
				PRESTRESSED CONCRETE NON-COMPOSITE BOX BEAM BRIDGE MEMBERS.			
27	515	7		LEVEL 1, B17-48	\$ 7,000		
28	516	98		1" PREFORMED EXPANSION JOINT FILLER		.00 \$	
29	516	56	FT 	2" DEEP JOINT SEALER, AS PER PLAN		.00 \$	
30	516	56	FT	SPECIAL - SAWING AND SEALING BITUMINOUS CONCRETE JOINTS	\$ 20	.00 \$	1,120.00
31	516	14	EACH	1/8" PREFORMED BEARING PAD	\$ 5	<u>.00 \$</u>	70.00
32	516	28		ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE) (6" X 12" X 1.00" THICK)	\$ 125	.00 \$	3,500.00
33	517	62.25	FT	RAILING (TWIN STEEL TUBE)	\$ 120	.00 \$	7,470.00
34	518	30	CU YD	POROUS BACKFILL WITH FILTER FABRIC	\$ 70	.00 \$	2,100.00
35	518	62	FT	SPECIAL - STEEL DRIP STRIP	\$ 12	.00 \$	744.00
36	526	94	SQ YD	REINFORCED CONCRETE APPROACH SLABS	\$ 225	.00 \$	21,150.00
				INCIDENTALS			
37	103	1 .	LUMP	PREMIUM FOR CONTRACT PERFORMANCE AND MAINTENANCE BOND	\$ 1,956	.00 \$	1,956.00
38	614	1 ·	LUMP	MAINTAINING TRAFFIC	\$ 5,000	.00 \$	5,000.00
39	623	1	LUMP	CONSTRUCTION LAYOUT AND STAKING	\$ 4,000	.00 \$	4,000.00

OFFICE OF THE FULTON COUNTY ENGINEER

Frank T. Onweller, P.E., P.S., County Engineer

Rod Creager, P.E., P.S., Chief Deputy Engineer

9120 Co. Rd. 14 Wauseon, OH 43567-9669

Telephone: 419-335-3816 Fax: 419-335-1091

REF.	ITEM			DATE: JULY 17, 2019	KEKE PER	UNIT	gogados. E	STIMATED
NO.	NO.	QUANTITY	UNITS	DESCRIPTION		PRICE		COST
				ROADWAY				
1	201	1	LUMP	CLEARING AND GRUBBING	\$	1,000.00	\$	1,000.0
2	202	84	SQ YD	PAVEMENT REMOVAL FOR BUTT JOINTS	\$	12.00	\$	1,008.0
3	203	25	CU YD	EXCAVATION	\$	20.00	\$	500.0
4	203	30	CU YD	EMBANKMENT	\$_	25.00	\$	750.0
5	204	100	SQ YD	SUBGRADE COMPACTION	\$_	2.00	\$	200.0
6	606	75	FT	GUARDRAIL, TYPE MGS	\$	20.00	\$	1,500.0
7	606	4	EACH	ANCHOR ASSEMBLY, MGS TYPE E	\$	2,500.00	\$	10,000.0
8	606	4	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	\$	2,000.00	\$	8,000.0
				EROSION CONTROL				
9	601	30	TON	ROCK CHANNEL PROTECTION, TYPE D WITHOUT FILTER	\$	70.00	\$	2,100.0
				DRAINAGE				
10	603	50	FT	8" CONDUIT, TYPE D	\$	35.00	\$	1,750.0
				PAVEMENT				
11	304	92	TON	AGGREGATE BASE (8")	\$	40.00	\$	3,680.0
12	407	50	GALLON	ITACK COAT	\$	2.00	\$	100.0
13	441	16	ÇU YD	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2 (448), PG64-22	\$	450.00	\$	7,200.0
14	441	15	CU YD	ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (448), PG64-22	\$	450.00	\$	6,750.0
15	617	12	TON	RECONDITIONING OF SHOULDERS	\$	60.00	\$	720.0
				TRAFFIC CONTROL				
16	626	12	EACH	BARRIER REFLECTOR, TYPE A	\$	12.00	\$	144.0
17	642	0.04	MILE	CENTER LINE, TYPE 1	\$ 3	30,000.00	\$	1,200.0
18	642	80.0	MILE	EDGE LINE, TYPE 1	\$ 3	30,000.00	\$	2,400.0
				BRIDGE 10-2M.3				
19	202	1	LUMP	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN	\$ 1	15,000.00	\$	15,000.0
20	202	64		WEARING COURSE REMOVED	\$	12.00		768.0
21	503	180	CU YD	UNCLASSIFIED EXCAVATION	\$	70.00	\$	12,600.0
22	509	4,500	POUND	EPOXY COATED REINFORCING STEEL	\$	1.50		6,750.0
23	510	175	EACH	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	\$	20.00	\$	3,500.0
24	511	20	CU YD	CLASS QC 1 CONCRETE, ABUTMENT	\$	550.00		11,000.0
25	512	148		SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	\$	25.00		3,700.0
26	512	81		TYPE 3 WATERPROOFING	\$	30.00	\$	2,430.0
^-		-		PRESTRESSED CONCRETE NON-COMPOSITE BOX BEAM BRIDGE MEMBERS,				
27	515	7		LEVEL 1, B12-48		6,000.00		42,000.0
28	516	98		1" PREFORMED EXPANSION JOINT FILLER	\$_	5.00		490.0
29	516	56	FT	2" DEEP JOINT SEALER, AS PER PLAN	<u>\$</u>	10,00		560,0
30	516	56	FT	SPECIAL - SAWING AND SEALING BITUMINOUS CONCRETE JOINTS	\$	20.00		1,120.0
31	516	14	EACH	1/6" PREFORMED BEARING PAD ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE) (6" X	<u>\$</u>	5.00	\$	70.0
32	516	28		12" X 1.00" THICK)	\$	125.00		3,500.0
33	517	46.00	FT	RAILING (TWIN STEEL TUBE)	\$	120.00	\$	5,520.0
34	518	30		POROUS BACKFILL WITH FILTER FABRIC	\$	70.00	\$	2,100.0
35	518	40	FT	SPECIAL - STEEL DRIP STRIP	\$	15,00		600,0
36	526	125	SQ YD	REINFORCED CONCRETE APPROACH SLABS	\$	225.00	\$	28,125,0
				INCIDENTALS				
37	103	1		PREMIUM FOR CONTRACT PERFORMANCE AND MAINTENANCE BOND	\$	2,165.00	\$	2,165.0
	614	1	LUMP	MAINTAINING TRAFFIC	\$	5,000.00	\$	5,000.0
38 39	623	1		CONSTRUCTION LAYOUT AND STAKING				

OFFICE OF THE FULTON COUNTY ENGINEER

Frank T. Onweller, P.E., P.S., County Engineer

Rod Creager, P.E., P.S., Chief Deputy Engineer

Estimated Total \$ 250,000.00

9120 Co. Rd. 14

Wauseon, OH 43567-9669

Telephone: 419-335-3816 Fax: 419-335-1091

				PROJECT: BRIDGE J109.5 REHABILITATION DATE: JULY 17, 2019		\$	250,000.00
EF.	ITEM NO.	QUANTITY	UNITS	DESCRIPTION	UNIT PRICE		ESTIMATED COST
				ROADWAY			
1	201	1	LUMP	CLEARING AND GRUBBING	\$ 1,000.00	\$	1,000.0
2	202	181	FT	GUARDRAIL REMOVED FOR STORAGE, AS PER PLAN	\$ 2.00	\$	362.5
3	203	75	CU YD	EXCAVATION	\$ 25.00	\$	1,875.0
4	203	60	CU YD	EMBANKMENT	\$ 25.00	\$	1,500.0
5	204	242	SQ YD	SUBGRADE COMPACTION	\$ 2.00	\$	484.0
6	606	125	FT	GUARDRAIL, TYPE MGS	\$ 20.00	\$	2,500.0
7	606	4	EACH	ANCHOR ASSEMBLY, TYPE E	\$ 2,500.00	\$	10,000.0
8	606	4	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	\$ 2,000.00	\$	8,000.0
				PAVEMENT			
9	254	89	SQ YD	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5"	\$ 12.00	\$	1,068.00
0	304	178	TON	AGGREGATE BASE (12")	\$ 35,00	\$	6,230.00
11	407	18	GALLON	ITACK COAT	\$ 2.00	\$	36.00
2	441	5	CU YD	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2 (448), PG64-22	\$ 600.00	\$	3,000.0
13	441	8	CU YD	ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (448), PG64-22	\$ 450,00	\$	3,600.0
14	617	5	TON	RECONDITIONING OF SHOULDERS	\$ 60,00	\$	300,0
				TRAFFIC CONTROL			
5	642	0.04	MILE	CENTER LINE, TYPE 1	\$30,000.00	\$	1,200.0
6	642	0.08	MILE	EDGE LINE, TYPE 1	\$ 30,000.00	\$	2,400.0
				BRIDGE J109.5			
17	202	1	LUMP	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN	\$45,000.00	\$	45,000.0
8	202	208	SQ YD	WEARING COURSE REMOVED	\$ 10.00	\$	2,080.0
19	202	67	SQ YD	APPROACH SLAB REMOVED	\$ 10.00	\$	670.0
20	503	115	CU YD	UNCLASSIFIED EXCAVATION	\$ 70.00	\$	8,050.0
21	509	200	POUND	EPOXY COATED REINFORCING STEEL	\$ 1.50	\$	300.00
22	509	200	POUND	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN	\$ 1.50	\$	300.00
23	510	40	EACH	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	\$ 20.00	\$	800.00
4	512	40	CU YD	CLASS QC 2 CONCRETE, SUPERSTRUCTURE, AS PER PLAN	\$ 800.00	\$	32,000.00
:5	512	70	SQ YD	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	\$ 30.00	\$	2,100.0
6	517	185.00	FT	TWN STEEL TUBE BRIDGE RAILING, AS PER PLAN	\$ 150.00	\$	27,750.00
27	518	42	CU YD	POROUS BACKFILL WITH FILTER FABRIC	\$ 90.00	\$	3,780.00
28	518	80	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	\$ 15.00	\$	1,200.00
9	518	48	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE	\$ 15.00	\$	720,0
30	526	125	SQ YD	REINFORCED CONCRETE APPROACH SLABS	\$ 250.00	\$	31,250.0
31	848	208	SQ YD	SUPERPLASTICIZED DENSE CONCRETE OVERLAY USING HYDRODEMOLITION (1.75")	\$ 65.00	\$	13,520.00
32	848	16	CU YD	SUPERPLASTICIZED DENSE CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY	\$ 200.00	\$	3,200.00
32	848	208	SQ YD	SUFRACE PREPARATION USING HYDRODEMOLITION, AS PER PLAN	\$ 75.00	\$	15,600.00
33	848	15	SQ YD	HAND CHIPPING	\$ 80.00	\$	1,200.00
34	848	1	LUMP	TEST SLAB	\$ 2,000.00	\$	2,000.00
				INCIDENTALS			
15	103	1	LUMP	PREMIUM FOR CONTRACT PERFORMANCE AND MAINTENANCE BOND	\$ 5,924.50	\$	5,924.5
86	614	1	LUMP	MAINTAINING TRAFFIC	\$ 5,000.00	\$	5,000.00
37	623	1	LUMP	CONSTRUCTION LAYOUT AND STAKING	\$ 4,000.00	s	4,000.00

Daily Vehicle Volume Report

Study Date: Thursday, 08/22/2019 / Friday, 08/23/2019

Unit ID:

Location: 10 1/4 mile north of S

	Total
	Volume
15:00 - 15:59	5
16:00 - 16:59	6
17:00 - 17:59	6
18:00 - 18:59	3
19:00 - 19:59	4
20:00 - 20:59	4
21:00 - 21:59	1
22:00 - 22:59	1
23:00 - 23:59	0
00:00 - 00:59	0
01:00 - 01:59	0
02:00 - 02:59	0
03:00 - 03:59	0
04:00 - 04:59	0
05:00 - 05:59	2
06:00 - 06:59	3
07:00 - 07:59	2 3 2 1
08:00 - 08:59	
09:00 - 09:59	3
10:00 - 10:59	3
11:00 - 11:59	1
12:00 - 12:59	2
13:00 - 13:59	8
14:00 - 14:59	3
Totals	58
AM Peak Time	05:43 - 06:42
AM Peak Volume	5
PM Peak Time	15:39 - 16:38
PM Peak Volume	8



Daily Vehicle Volume Report

Study Date: Thursday, 08/22/2019 / Friday, 08/23/2019

Unit ID:

Location: MN between 10-2 & 10-3

	Total
	Volume
14:00 - 14:59	27
15:00 - 15:59	31
16:00 - 16:59	17
17:00 - 17:59	26
18:00 - 18:59	26
19:00 - 19:59	17
20:00 - 20:59	13
21:00 - 21:59	9
22:00 - 22:59	2
23:00 - 23:59	2
00:00 - 00:59	0
01:00 - 01:59	0
02:00 - 02:59	0
03:00 - 03:59	2
04:00 - 04:59	2
05:00 - 05:59	17
06:00 - 06:59	11
07:00 - 07:59	21
08:00 - 08:59	. 13
09:00 - 09:59	17
10:00 - 10:59	20
11:00 - 11:59	19
12:00 - 12:59	22
13:00 - 13:59	25
Totals	339
AM Peak Time	09:23 - 10:22
AM Peak Volume	25
PM Peak Time	14:59 - 15:58
PM Peak Volume	32



Daily Vehicle Volume Report

Study Date: Thursday, 08/22/2019 / Friday, 08/23/2019

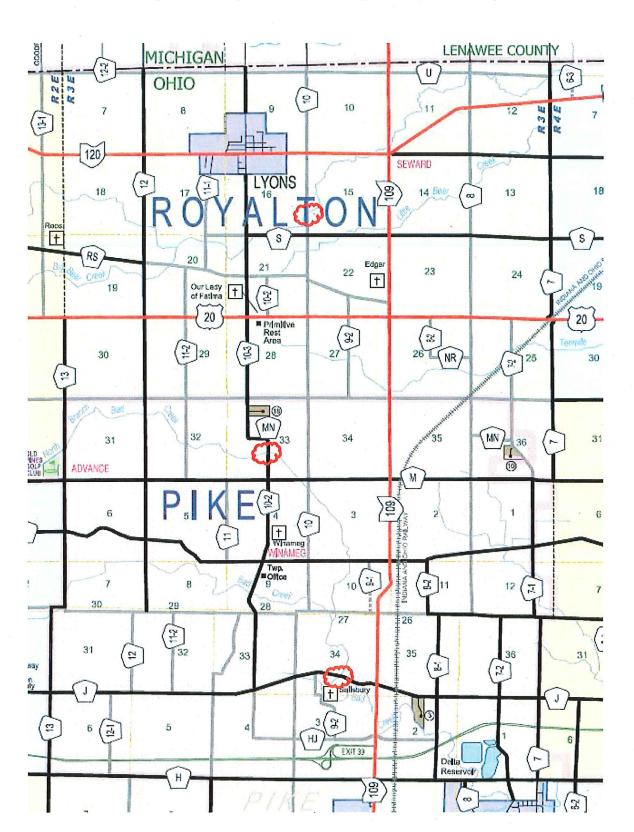
Unit ID:

Location: J 600' east of 9-2

14:00 - 14:59	
13:00 - 13:59 6 14:00 - 14:59 7 15:00 - 15:59 10 16:00 - 16:59 10 17:00 - 17:59 8 18:00 - 18:59 6 19:00 - 19:59 5 20:00 - 20:59 3 21:00 - 21:59 2 23:00 - 22:59 2 23:00 - 23:59 10 00:00 - 00:59 10 01:00 - 01:59 02:00 - 02:59 03:00 - 03:59 04:00 - 04:59 05:00 - 05:59 05:00 - 05:59 07:00 - 07:59 08:00 - 08:59 09:00 - 09:59 10:00 - 10:59 09:00 - 09:59 10:00 - 10:59 09:00 - 09:59 10:00 - 10:59 10:00 - 10:59 10:00 - 10:59 10:00 - 10:59 10:00 - 10:59 10:00 - 10:59 11:00 - 11:59 7	
14:00 - 14:59	ı
15:00 - 15:59	7
16:00 - 16:59	6
17:00 - 17:59 8 18:00 - 18:59 6 19:00 - 19:59 5 20:00 - 20:59 3 21:00 - 21:59 2 22:00 - 22:59 2 23:00 - 23:59 1 00:00 - 00:59 01:00 - 01:59 02:00 - 02:59 03:00 - 03:59 04:00 - 04:59 05:00 - 05:59 07:00 - 07:59 07:00 - 07:59 08:00 - 08:59 09:00 - 09:59 4 10:00 - 10:59 4 11:00 - 11:59 7	4
18:00 - 18:59	8
19:00 - 19:59	8
20:00 - 20:59 3 21:00 - 21:59 3 22:00 - 22:59 2 23:00 - 23:59 1 00:00 - 00:59 0 10:00 - 01:59 0 20:00 - 02:59 0 3:00 - 03:59 0 4:00 - 04:59 0 05:00 - 05:59 2 06:00 - 06:59 5 07:00 - 07:59 7 08:00 - 08:59 6 09:00 - 09:59 4 10:00 - 10:59 4	8
21:00 - 21:59	3
22:00 - 22:59	8
23:00 - 23:59 1 00:00 - 00:59 01:00 - 01:59 02:00 - 02:59 03:00 - 03:59 04:00 - 04:59 05:00 - 05:59 06:00 - 06:59 07:00 - 07:59 08:00 - 08:59 09:00 - 09:59 10:00 - 10:59 41:00 - 11:59	3
00:00 - 00:59 01:00 - 01:59 02:00 - 02:59 03:00 - 03:59 04:00 - 04:59 05:00 - 05:59 206:00 - 06:59 07:00 - 07:59 08:00 - 08:59 09:00 - 09:59 40:00 - 10:59 41:00 - 11:59	1
01:00 - 01:59 02:00 - 02:59 03:00 - 03:59 04:00 - 04:59 05:00 - 05:59 06:00 - 06:59 07:00 - 07:59 08:00 - 08:59 09:00 - 09:59 40:00 - 10:59 41:00 - 11:59	1
02:00 - 02:59 03:00 - 03:59 04:00 - 04:59 05:00 - 05:59 06:00 - 06:59 07:00 - 07:59 08:00 - 08:59 09:00 - 09:59 40:00 - 10:59 41:00 - 11:59	3
03:00 - 03:59 04:00 - 04:59 05:00 - 05:59 206:00 - 06:59 07:00 - 07:59 08:00 - 08:59 09:00 - 09:59 40:00 - 10:59 41:00 - 11:59	1
04:00 - 04:59 05:00 - 05:59 206:00 - 06:59 07:00 - 07:59 08:00 - 08:59 09:00 - 09:59 40:00 - 10:59 11:00 - 11:59	6
05:00 - 05:59 2 06:00 - 06:59 5 07:00 - 07:59 7 08:00 - 08:59 6 09:00 - 09:59 4 10:00 - 10:59 4	2
06:00 - 06:59	8
07:00 - 07:59 7 08:00 - 08:59 6 09:00 - 09:59 4 10:00 - 10:59 4 11:00 - 11:59 7	8
08:00 - 08:59 6 09:00 - 09:59 4 10:00 - 10:59 4 11:00 - 11:59 7	9
09:00 - 09:59 4 10:00 - 10:59 4 11:00 - 11:59 7	1
10:00 - 10:59 4 11:00 - 11:59 7	1
11:00 - 11:59 7	9
	8
10.00 10.00	2
12:00 - 12:59 6	0
Totals 113	5
AM Peak Time 06:34 - 07:3	3
AM Peak Volume 7	8
PM Peak Time 15:39 - 16:3	8
PM Peak Volume 11	7



Bridge 10S.3, Bridge 10-2M.3, and Bridge J109.5 Location Map



Fulton County Bridge 10S.3 SFN: 2633248

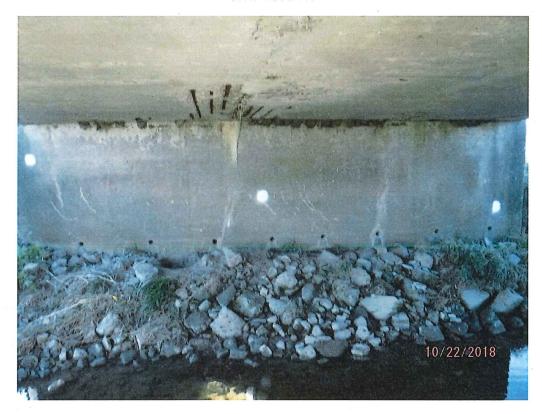


View looking Upstation (North)



Upstream Profile (View looking from the East)

Fulton County Bridge 10S.3 SFN: 2633248



Rear (South) Abutment



Typical view of Concrete Slab

Fulton County Bridge 10-2M.3 SFN: 2633329

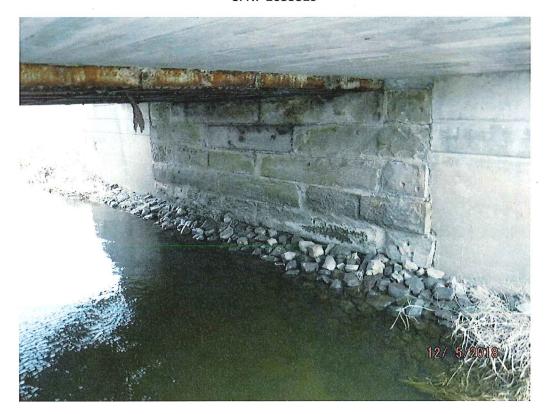


View looking Upstation (North)



Downstream Profile (View looking from the East)

Fulton County Bridge 10-2M.3 SFN: 2633329



Rear (South) Abutment



Typical view of Jack Arch Deck

Fulton County Bridge J109.5 SFN: 2631067



View looking Upstation (East)



Downstream Profile (View looking from the South)

Fulton County Bridge J109.5 SFN: 2631067



Rear (South) Abutment



Typical view of Concrete Slab

Unit of Measure: ENGLISH Structure File Number: 2633248 Sufficiency Rating: 61.0

Bridge Inventory and Appraisal Inventory Bridge Number: FUL T10S0 00.300 1 BIG BEAR CREEK

Report Date: 10/22/2018 BR. TYPE: 1 - CONCRETE/1 - SLAB/1 - SIMPLE 10/22/2018 Date of Last Inventory Update:

Sufficiency Rating: 61.0		1 BIG BEAR CREEK		Date of Last Inventory Update: 10/22/20
(2) District: 02	(3) County: 26 - FULTON	(9) Location: 0.3 MI. N. OF CR S	.R.S	(7) Facility Carried: TOWNSHIP ROAD 10
(4) FIPS Code: 68896 - ROYALTON			99 - Non highway	(207) Route Under Bridge: 42 - Township
(102) Direction of Traffic: 2 - 2-way traffic	(216) Temporary:	(110) Truck Network: 0		(101) Parallel: N
		(42A) Type Serv (On): 1 - Highway	lighway	(42B) Type Serv (Under): 5 - Waterway
Inventory	Inventory Route Data	(45) Main Spans Number: 1	Type: 1 - CONCRETE/1 - SLAB/1 - SIMPLE	- SLAB/1 - SIMPLE
(5A) Route On/Under: 1 - Route carried "on" the	(5B) Hwy Sys: 4 - County Highway (Township	(46) Approach Spans Number: 0	Type: N - NONE/N - NONE/N - NONE	NE/N - NONE
(5D) Route No: T10S0 (5E) Dir: 0 - Not		(307) Total Spans: 1	(48) Max Span: 25 Ft	(49) Overall Leng: 26 Ft
ected: BIG BEAR CREEK		O. interest index	and adjusting	
: 00:300	(201) Special Desig: (209) Mile Marker:	le.	Foundation and Scoul Information:	i d
(29) Avg. Daily Traffic (ADT): 43	(30) ADT Year: 2015	(532) Matk	(531) Type: 1 - Gravity	
(235) Truck Traf: 07 (210) Corridor: N	(104) NHS: 0 - Route is not on the NHS	(527) Matl:	(526) Type: 1 - Gravity	
(26) Functional Class: 09 - Rural - Local	(100) Strahnt: 0 - Route is not a STRAHNET	(535) Matt:	(534) Type: N - None	
ntarsactar	Infersected Rollfe Data	(538) Matt:	(537) Type: N - None	(539) Fnd: N - None (Such as most Culverts)
		Pier-Other (541) Matt: N - None	(540) Type: N - None	(542) Fnd: N - None (Such as most Culverts)
ље:	(370B) Hwy Sys:	(545) Pier, Iotal Count: 0		
(370b) Route No: (370b) Dir.	(3/0C) Des:	(603) Sufferin Velocity. U.O. Ips	(113) Scoult, 6 - Bilage	(1.13) Scoul. 6 - Bridge louridations determined to be stable for the assessed of
ersected:		(92B) Dive: N Fleq. 0	(659) Criali Flot. 0 - Ot	riei (glass, busiles, trees)
(3) County: FUL (3/1) Mile Marker:	(387) Special Desig:	(93b) Date of East Dive Itisp.	(657) Dialitage Alea.	
ranic (AD	(380) ADI 1 ear.		Clearance Under the Bridge	e Brioge
(381) Truck Irat: (384) Corridor:	(3/8) NHS:	Min. Horiz Under Clear: (326)	(326) NC: 0 Ft	(325) CARD: 0 Ft
(5/5) Functional Class:	(500) Sudilli.	der Clear:		
Clearance C	Clearance On the Bridge	Min. Vert Under Clear: (327)	(327) NC: 0 Ft	(54) CARD: N 0 Ft
Min Hriz on Bridge: (335) NC: 0 Ft	(47) CARD: 23 Ft	Min Lat Under Clear: (329)	(329) Right NC: 0 Ft	(55) Right CARD: N 0 Ft
On Bra:		(330)	(330) Left NC: 0 Ft	(56) Left CARD: 0 Ft
	(10) CARD: 99.99 Ft	Load Rating Information	nation	(71-72) Appraisal
		(31) Design Load: 3 - HS15		(71) Waterway Adediacy: 8
			(700) I D: 2 - HS20 I oading	(77) Approach Alicement: 6
(340) V# Clr I #: 0 F+			(700) LD. 2 - HSZ0 L0ading (700) LD. 2 - HS20 Loading	
		130	100000000000000000000000000000000000000	(68) Calc Dack Geometry: 5 Somewhat better than
Structure	Structure Information	2013		(60) Calc Deck Geometry: 3 - Somewhat Detter man
(19) Bypass Length: 2 Miles		(704) Teal Of Ivanily: 777/2015		(09) Calc Olidelorealailde. N = NOI applicable
(16) Latitude: 41.689019	(17) Longitude: -84.055956	(63) Analysis: 6 - Load Factor Kating (LFK) reported by KF using HSZU	eported by KF using HSZU	
(20) Toll: 3 - On Eree Road the structure is toll	(106) Major Rehabilitation:	(708) Rate Soft: 7 - Combination		
(22) 1011. 3 - Off 1 (35) 1015 Structure is 1011 (23) Data Brillt 4020	Major Deconstruction Date:	(707) PE# 77300		
(27) Date Built. 1929	(200) No. 1000 Trade:		Approach Information	ation
(20A) NO. Lailes Oli. 2	(20b) No. Lalles Oliuel. U	(40.4) A		
(301) Horiz Curve:	(34) Skew. U Deg	(401) Approach Guardiali: N - None		
(32) App. Rdw Width: 24 Ft	(51) Brg. Raw Width: 23 Ft	(403) Approach Pavement: 2 - Bituminous		(402) Grade: 1 - Good
(52) Deck Wigth: 26 Ft	Deck Area: 6/6	「	Culvert Information	tíon de la company de la c
(406) Median Type: /N - NON BARKIEK/N - NO JOINT	OINI	(575) Culvert Type: N - Not a Culvert or Rigid Frame	Frame	(578) Length: 0 Ft
(53) bridge ineciality 0 = NO ineciality (50)	10 0 +4×10 (804)	(580) Depth of Fill: 0 Ft		(582) Headwalls: N - None or Not Applicable (Not a
Or Cidouselle	(SOB) NIGHT, O'FL		General Information	Į,
Type Curb of Sidewalk:	(436) Tuno: N. None of N./A /BB. Dodostion	//75/ Maria Mambar Clah		
(425) Left Matt: N - None	(426) Type: N - None of N/A (KK, Pedestrian,	(4/5) Main Member: C - Slab		(477) Moment Plate: N - No Moment Plates
(427) Right Mati: N - None	(428) Type: N - None or N/A (RR, Pedestrian,	(414) Expansion Joint: N - NONE/		
(412) Flared: N	(408) Composite: U - Unknown	(453) Bearing Devices: 0 - OTHER/N - NONE/		
(407) Railing: 5 - Reinforced Concrete Post and Concrete Panel	Concrete Panel	9	(39) Vert Clr. 0 Ft	
(409) Deck Drainage: 0 - Other (Natural-off the bridge ends)	vidge ends)	0		(93C) Special Inspection Date:
'		(92A) Fracture Critical Insp: N Freq: 24		(93A) Special Inspection Date:
Deck Protection: (108B) External: N - Not Ap	(108B) External: N - Not Applicable (only for bridges for no decks)	(474) Long Member: N - Not Applicable (i.e. Culvert, Beam, Slab,		(468) Hinges: N - Not Applicable (structures with no hinges)
(108C) Internal: N - Not App	(108C) Internal: N - Not Applicable (applies only to bridges without deck)	(486) Structural Steel Memb: N - None	(465	(465) Framing: N - None or Not Applicable
(108A) Wearing Surface: 6 - Bituminous (Asphaltic Concrete) - Overlay	tic Concrete) - Overlay		(407	(407) Railing: 5 - Reinforced Concrete Post and Concrete Panel
(420) Inickness: 1.0 in	(419) Date of Wearing Surface: 07/01/2000		(482	(482) Paint: N - None or Not Applicable
(547) Slope Protection: 3 - Rip Rap (dumped rock or rock channel protection)	k or rock channel protection)	(203) Bridge Dedicated		

Bridge Inventory and Appraisal Inventory Bridge Number: FUL T10S0 00.300 1 BIG BEAR CREEK

Unit of Measure: ENGLISH Structure File Number: 2633248 Sufficiency Rating: 61.0		Bridge Inventory and Appraisal Inventory Bridge Number: FUL T10S0 00.300 1 BIG BEAR CREEK	praisal 50 00.300	Report Date: 10/22/2018 BR. TYPE: 1 - CONCRETE/1 - SLAB/1 - SIMPLE Date of Last Inventory Update: 10/22/2018
	General Information (Continued)		Original Plans	Original Plans Information
(37) Hist Significance: 5 - Not eligible	(37) Hist Significance: 5 - Not eligible for National Register of Historic Places		(250) Fabricator:	
(112) NBIS: Yes			(249) Contractor:	
(842) Hist/Designer:			(248) Ohio Original Construction Project Number:	
(827) Hist Build Year: 1929			(252) Microfilm Reel:	
(828) Hist Type:			(251) Standard Drawing:	
(98A) Border Bridge			Aperture Cards:	
(98B) Resp:			(246) Orig: N	
(99) SFN:			(247) Repair: N	
	Proposed Improvements		(245) Fabr: N	
			(709) Rating Score: 1 - Plan information available for load rating analysis (Default)	load rating analysis (Default)
(114) Future ADT (On Bridge): 60				・
(115) Year of Future ADT: 2030			Dullites	Special Features
	Programming Info		(265) Electric Line: N	(283) Lighting: N
	1		(266) Gas Line: N	(430) Fence: N
PID Number:			(269) Sanitary Sewer: N	(432) Glare Screen: N
PID Status:			(267) Telephone Line: N	(435) Splash Guard: N
PID Date:				(459) Catwalk: N
		S. C. S.	(270) Water Line: N	(271) Other-Feat: N
line iionaedsiii	IIIIdiy	Survey hellis	(271) Other Utilities: N	(279) Signs on Bridge: Y
(58) Deck: 4	(36A) Railings:	0 - Does not meet acceptable		(281) Signs Under Bridge: N
(59) Superstructure: 4	(36B) Transitions:	0 - Does not meet acceptable		(431) Fence Height: 0 Ft
(60) Substructure: 6	(36C) Guardrail:	0 - Does not meet acceptable		(433) Noise Barrier: N
(62) Cuívert: N	(36D) Rail Ends:	0 - Does not meet acceptable		
(61) Channel: 7	(92A) Fracture Critical	ical: N	Insp 1st: 3 - County Agency	
(c6) Approaches: 6	(113) Scour Critical:	 8 - Bridge foundations determined to 	2nd: X - None	
General Appraisal: 4	Inspection Review Date:		3rd: X - None	
(41) Operational Status: A			(21) Major Maint 1st: 3 - County Agency	
(90) Inspection Date: 10/22/2018	2018		2nd: X - None	
(91) Desig Insp Freq: 12 Months	nths		3rd: X - None	
			(225) Routine Maint 1st: 3 - County Agency	
SFNs Replacing this retired bridge: -		•	2nd: X - None	
SFNs That were replaced by this bridge:	lge: -		3rd: X - None	
This bridge was retired and copied to:	::			

The bridge was copied from:

Init of Measure: ENGLISH	tructure File Number: 2633329	ufficiency Rating: 47.4
Unito	Struct	Suffic

Bridge Inventory and Appraisal Inventory Bridge Number: FUL C0102 00.300 M 1 N.BR., BAD CREEK

BR. TYPE

Report Date: 12/05/2018
BR. TYPE: 1 - CONCRETE/1 - SLAB/1 - SIMPLE
Date of Last Inventory Update: 12/05/2018

Sufficiency Rating: 47.4		1 N.BR., BAD CREEK		Date of Last Inventory Update: 12/05/20
(2) District: 02 (4) FIPS Gode: 62638 - PIKE TWP	(3) County: 26 - FULTON	(9) Location: CR 10-2 0.3 MI. N. CR M (208) Route On Bridge: 99 - Non-highway	. N. CR M Non-highway	(7) Facility Carried: COUNTY ROAD 10-2
(102) Direction of Traffic: 2 - 2-way traffic	(216) Temporary:	(110) Truck Network: 0 (42A) Type Serv (On): 1 - Highway	ighway	(401) Parallel: N (42B) Type Serv (Under): 5 - Waterway
(5A) Route On/Under: 1 - Route carried "on" the (5D) Route No: C0102 (5E) Dir: 0 - Not	Inventory Route Date d "on" the (5B) Hwy Sys: 4 - County Highway (Township - Not (5C) Des: 1 - Mainline	(45) Main Spans Number: 1 (46) Approach Spans Number: 0 (307) Total Spans: 1	Type: 1 - CONCRETE/1 - SLAB/1 - SIMPLE Type: N - NONE/N - NONE/N - NONE (48) Max Span: 16 Ft	LAB/1 - SIMPLE N - NONE (49) Overall Leng: 18 Ft
(6) Feature Intersected: N.BR., BAD CREEK (3) County: FUL (200) Mileage: 00.300 (20) (29) Avg. Daily Traffic (ADT): 305 (235) Truck Traf. 47 (210) Corridor: N (26) Functional Class: 08 - Rural - Minor	(201) Special Desig: M (209)Mile Marker: (30) ADT Year: 2015 (104) NHS: 0 - Route is not on the NHS (100) Strahnt: 0 - Route is not a STRAHNET	فِيْ		(533) Fnd: (528) Fnd: (536) Fnd: (539) Fnd:
(370A) Record Type: (370D) Route No: (373) Feature Intersected: (3) County: FUL (371) Mile Marker: (379) Avg. Daily Traffic (ADT):	(370B) Hwy Sys: (370C) Des: (387) Special Desig: (380) ADT Year:	Pier-Other (541) Matl: N - None (545) Pier, Total Count: 0 (663) Stream Velocity: 0.0 fps (92B) Dive: N Freq: 0 (93B) Date of Last Dive Insp:	(542) Fnd: N (542) Fnd: N (542) Fnd: N (113) Scour: 8 - Bridge foundations determined to (655) Chan Prot: 0 - Other (grass, bushes, trees) (657) Drainage Area:	 (540) Type: N - None (542) Fnd: N - None (Such as most Culverts) (113) Scour. 8 - Bridge foundations determined to be stable for the assessed or (655) Chan Prot: 0 - Other (grass, bushes, trees) (657) Drainage Area: Charange Uniter the Bridge
84) C	orridor: (378) NHS: (386) Strahnt: (284) Clearance On the Bridge	Min. Horiz Under Clear: (328) (328) Prac Max Vrt Under Clear: 0 Ft Min Vert Inder Clear (327)	(326) NC: 0 Ft 0 Ft (327) NC: 0 Ft	(325) CARD: 0 Ft
: (335) On Brg: 99.99			(329) Right NC: 0 Ft	ARD: RD:
(336) N (338) R (340) L (340) L 0 Ft Miles Miles (39654533		(31) Design Load: 2 - H15 (31) Design Load: 2 - H15 (64) Opr Rat Fact: 0.810 (700) LD: 2 - HS20 Loading (66) Inv Rat Fact: 0.270 (702) LD: 2 - HS20 Loading (704) Ohio Percent Legal (704) Year of Rating: 07/18/2016 (30) Analysis: 6 - Load Factor Rating (LFR) reported by RF using HS20 (708) Rate Soft: 6 - In-House Program/Spreadsheet (707) PE# 74319	HS; HS;	(Trick) Materway Adequacy: 8 (72) Approach Alignment: 5 (67) Calc Str Appraisal: 3 - Intolerable - high priority of (68) Calc Deck Geometry: 5 - Somewhat better than (69) Calc Underclearance: N - Not applicable
(28A) No. Lanes On: 2 (301) Horiz Curve: (32) App. Rdw Width: 24 Ft (52) Deck Width: 28 Ft	(28B) No. Lanes Under: 0 (34) Skew: 0 Deg (51) Brg. Rdw Width; 24 Ft Deck Area: 000506	(401) Approach Guardrail: 1 - Steel Beam (403) Approach Pavement: 2 - Bituminous	Approach information Culvert Information	(402) Grade: 1 - Good
(406) Median Type: /N - NON BARRIER/N - NO JOINT (33) Bridge median: 0 - No median Sidewalks: (50A) Left: 0 Ft Tyne Curb or Sidewalk:	JOINT (50B) Right: 0 Ft	(575) Culvert Type: N - Not a Culvert or Rigid Frame (580) Depth of Fill: 0 Ft	Ĭ	(578) Length: 0 Ft (582) Headwalls: N - None or Not Applicable (Not a
(425) Left Matt: N - None (426) Type: N (427) Right Matt: N - None (427) Flared: N - None (408) Compos (407) Railing: A Reinforced Concrete Doct and Concrete Doct and Concrete Doct and Concrete Doct and Concrete Doct	(426) Type: N - None or N/A (RR, Pedestrian, (428) Type: N - None or N/A (RR, Pedestrian, (408) Composite: U - Unknown	(475) Main Member: C - Slab (414) Expansion Joint: N - NONE// (453) Bearing Devices: O - OTHER/N - NONE// (38) Naviration: O - NA Naviration control on		(477) Moment Plate: N - No Moment
(409) Deck Drainage: 0 - Other (Natural-off the bridge ends) (107) Deck Type: 1 - Concrete Cast-in-Place Deck Protection: (108B) External: N - Not Applicable (only for bridges wit (108A) Wearing Surface: 6 - Bituminous (Asphaltic Concrete) - Overlay (420) Thickness: 2.0 in (431) Dan (All Manal Andersia)	O - Other (Natural-off the bridge ends) Concrete Cast-in-Place (108B) External: N - Not Applicable (only for bridges with no decks) (108C) Internal: N - Not Applicable (applies only to bridges with no deck) (108C) Internal: N - Not Applicable (applies only to bridges with no deck) (108C) Internal: N - Not Applicable (applies only to bridges with no deck) (108C) Internal: N - Not Applicable (applies only to bridges with no deck) (108C) Internal: N - Not Applicable (applies only to bridges with no deck) (108C) Internal: N - Not Applicable (applies only to bridges with no deck) (108C) Internal: N - Not Applicable (applies only to bridges with no deck)	(36) Navigation: 0 - No Navigation control on (39) Vert (92C) Spec Insp: N Freq: 0 (92A) Fracture Critical Insp: N Freq: 24 (474) Long Member: N - Not Applicable (i.e. Culvert, Beam, Slab, (486) Structural Steel Memb: N - None	<u>:</u>	(93C) Special Inspection Date: (93A) Special Inspection Date: (93A) Special Inspection Date: (468) Hinges: N - Not Applicable (structures with no hinges) (465) Framing: N - None or Not Applicable (407) Railing: 5 - Reinforced Concrete Post and Concrete Panel (482) Paint: N - None or Not Applicable
(347) Slope Protection: 3 - Kip Kap (dumped root	or rock channel protection)	(203) Bridge Dedicated		

Unit of Measure: ENGLISH Structure File Number: 2633329 Sufficiency Rating: 47.4

Bridge Inventory and Appraisal Inventory Bridge Number: FUL C0102 00.300 M 1 N.BR., BAD CREEK

* Report Date; 12/05/2018

BR. TYPE: 1 - CONCRETE/1 - SLAB/1 - SIMPLE

Date of Last Inventory Update: 12/05/2018

(249) Contractor. (250) Relating Secure 2. Field measured information for load rating analysis. (249) Fabric. (249) Fabric. (250) Relating Secure 2. Field measured information for load rating analysis. (249) Fabric. (250) Relating Secure 3. Field measured information for load rating analysis. (249) Fabric. (250) Relating Secure 3. Field measured information for load rating analysis. (250) Relating Secure 3. Field measured information for load rating analysis. (250) Relating Secure 3. Field measured information for load rating analysis. (250) Relating Secure 3. Field measured information for load rating analysis. (251) Relating Secure 3. Field measured information for load rating analysis. (252) Relating Secure 3. Field measured information for load rating analysis. (253) Relating Secure 3. Field measured information for load rating analysis. (254) Relating Secure 3. Field measured information for load rating analysis. (255) Colvert 1. Field Secure 3. Field Measured 3. Field Secure 3. Field Secure 4. Field Measured 3. Field Secure 4. Field Secure 4. Field Secure 4. Field Secure 5. Field measured 5. Field Secure 5. Field measured 6. Field Secure 5. Field February 5. Field Feb	General Inform	General Information (Continued)	A CONTRACTOR OF THE SECOND OF		Original Plans Information	s Information	
C449 Contraction	(37) Hist Significance: 4 - Not determinable at this time			(250) Fabricator:			
C245) Ohio Original Construction Project Number: (251) Standard Drawing: Aperture Cards of the Cards Original Construction Project Number: (251) Standard Drawing: Aperture Cards of the Cards Original Cards Origin	(112) NBIS: No			(249) Contractor:			
C255 Microfilm Real: C255 Standard Drawing: Aperture Cards: Aperture Cards: C245 Standard Drawing: C245 Standard Drawing: C245 Standard Drawing: C245 Standard Drawing: C245 Standar	(842) Hist/Designer:			(248) Ohio Original Cor	struction Project Number:		
Programming Info Programming	(827) Hist Build Year.			(252) Microfilm Reel:			
Proposed Linguovements Cade) Ords: Cade) Ords:	(828) Hist Type:			(251) Standard Drawing	•		
C245 Orig. N	(98A) Border Bridge			Aperture Cards:			
C247) Repair: N C247) Repair: N C245) Fabr: N C245) Fa	(98B) Resp:			(246) Orig: N			
Proposed Improvements Proposed Improvements Proposed Improvements	(99) SFN:			(247) Repair: N			
Top Rating Score: 2- Field measured information for load rating analysis	Proposed	Improvements		(245) Fabr: N			
Programming Info C265) Electric Line: U C265) Electric Line: U C265) Electric Line: U C265) Selitary Sewer: U C367) Clate-Feat: C368) Transitions: U C368) Transitions: U C368) Transitions: U C369) Selitary Sewer: U C369) Selitary Sewer: U C369) Clathing: U C371) Other Utilities: U C371) Other Peat: C369) Selitary Sewer: U C371) Other Utilities: U C371) Other Height (371) Fence Height (371) Fence Height (371) Fence Height (371) Selitary Sewer: U C371) Other Utilities: U C371) Other Height (371) Fence Height (371) Fence Height (371) Noise Barrier: U C371) Other Utilities: U C371) Other Height (371) Noise Barrier: U C371) Noise Barrier: U U U U U U U U U U				(709) Rating Score: 2-	Field measured information for	or load rating analysis	
Cash Electric Line:	(114) Future ADT (Oil Bilage). 423 (115) Year of Future ADT: 2030				tilities	Special	Features
(266) Gas Line:	Proora	amming Info		(265) Electric Line:	'n	(283) Lighting:	z
(269) Sanitary Sewer: U (432) Glare Screen: (267) Telephone Line: U (435) plash Guard: (267) Telephone Line: U (435) plash Guard: (267) Telephone Line: U (435) plash Guard: (271) Other-Leftine: U (271) Other-Leftine: U (271) Other-Bridge: (271) Other-Bridge: (271) Other-Bridge: (272) Mater Line: U (273) Signs on Bridge: (273) Mater Bridge: (274) Fracture Critical: N (135) Scour Critical: R - Bridge foundations determined to mths (135) Scour Critical: R - Bridge foundations determined to mths (225) Routine Maint 1st: 3 - County Agency		ī		(266) Gas Line:	ם	(430) Fence:	Z
C267) Telephone Line: U (435) Splash Guard: (268) TV Cable: U (455) Catwalk: (271) Other-Feat: (271) Other-Feat: (271) Other-Feat: (271) Other-Feat: (271) Other-Feat: (271) Other-Feat: (272) Signs on Bridge: (271) Other-Feat: (273) Signs on Bridge: (271) Other-Feat: (273) Signs on Bridge: (2	PID Number;			(269) Sanitary Sewer:	٦	(432) Glare Screen:	Z
C266) TV Cable: U (459) Catwalk: (271) Other Utilities: U (271) Other-Feat: (271) Other Utilities: U (271) Signs on Bridge: (271) Other Utilities: U (271) Signs on Bridge: (271) Other Utilities: U (271) Signs on Bridge: (271) Other Utilities: U (271) Other-Feat: (271) Other-Feat: (271) Other Utilities: U (271) Signs on Bridge: (271) O	PID Status:			(267) Telephone Line:	<u>۔</u>	(435) Splash Guard:	Z
10 10 10 10 10 10 10 10	PID Date:			(268) TV Cable:	ם	(459) Catwalk:	Z
(36A) Railings: 0 - Does not meet acceptable (38B) Transitions: 0 - Does not meet acceptable (38B) Transitions: 0 - Does not meet acceptable (38C) Guardrail: 0 - Does not meet acceptable (38C) Rail Earlier: 0 - Does not meet acceptable (38C) Rail Earlier: 0 - Does not meet acceptable (38C) Rail Earlier: 0 - Does not meet acceptable (38C) Rail Earlier: 0 - Does not meet acceptable (38C) Rail Earlier: 0 - Does not meet acceptable (38C) Rail Earlier: 0 - Does not meet acceptable (38C) Rail Earlier: 0 - Does not meet acceptable (38C) Rail Earlier: 0 - Does not meet acceptable (38C) Rail Earlier: 0 - Does not meet acceptable (38C) Rail Earlier: (431) Noise Barrier: (431) Noise Barrier: (432) Noise Barrier: (433) Rail Earlier: (433) Rail Ea	Inspertion Summany		Survey Heme	(270) Water Line:	ם	(271) Other-Feat:	⊃
(36A) Railings: 0 - Does not meet acceptable (36B) Transitions: 0 - Does not meet acceptable (36C) Transitions: 0 - Does not meet acceptable (36C) Guardrail: 0 - Does not meet acceptable (36C) Guardrail: 0 - Does not meet acceptable (36C) Rail Ends: 0				(271) Other Utilities:	П	(279) Signs on Bridge:	>
(36B) Transitions: 0 - Does not meet acceptable (431) Fence Height: (36C) Guardrail: 0 - Does not meet acceptable (433) Noise Barrier: (36D) Rail Ends: 0 - Does not meet acceptable (433) Noise Barrier: (36D) Rail Ends: 0 - Does not meet acceptable (433) Noise Barrier: (92A) Fracture Critical: N 2nd: X - None (13) Scour Critical: 8 - Bridge foundations determined to Inspection Review Date: 2nd: X - None ndths 2nd: X - None 3nd: X - None 2nd: X - None 3nd: X - None 3nd: X - None 3nd: X - None	(58) Deck: 6	(36A) Railings:	0 - Does not meet acceptable			281) Signs Under Bridge	Z
(36C) Guardrail: 0 - Does not meet acceptable (36D) Rail Ends: 0 - Does not meet acceptable (92A) Fracture Critical: N (113) Scour Critical: 8 - Bridge foundations determined to Inspection Review Date: 1		(36B) Transitions:	0 - Does not meet acceptable			(431) Fence Height:	
(36D) Rail Ends: 0 - Does not meet acceptable (92A) Fracture Critical: N (113) Scour Critical: 8 - Bridge foundations determined to Inspection Review Date: onths	cture:	(36C) Guardrail:	0 - Does not meet acceptable			(433) Noise Barrier:	z
(92A) Fracture Critical: N (113) Scour Critical: 8 - Bridge foundations determined to Inspection Review Date: onths ige: -		(36D) Rail Ends:	0 - Does not meet acceptable				
(113) Scour Critical: 8 - Bridge foundations determined to Inspection Review Date: onths	(61) Channel: 7	(92A) Fracture Critical:	Z	Insp 1st: 3 - County Ag	ency	-	
Inspection Review Date: onths fige: -		(113) Scour Critical:	8 - Bridge foundations determined to	2nd: X - None			
2018 nths		Inspection Review Date:		3rd: X - None			
2018 nths ige: -	(41) Operational Status:				- County Agency		
nths igge: i.							
- :da: -	•			3rd: X - None			
ige: -			The state of the s	(225) Routine Maint 1st:	3 - County Agency		
	SFNs Replacing this retired bridge: -			2nd: X - None			
This bridge was retired and copied to: The bridge was copied from:	SFNs That were replaced by this bridge: -			3rd: X - None			
The bridge was copied from:	This bridge was retired and copied to:						
	The bridge was copied from:						

Unit of Measure: ENGLISH Structure File Number: 2631067
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12/04/2018 (207) Route Under Bridge: 40 - County (7) Facility Carried: COUNTY ROAD J Date of Last Inventory Update: (101) Parallel: N (208) Route On Bridge: 99 - Non highway (9) Location: 0.5 MI. W. OF SR 109 (110) Truck Network: 0 1 BAD CREEK (3) County: 26 - FULTON (216) Temporary: Sufficiency Kating:

Inventory Bridge Number: FUL CJ109 90.500 Bridge Inventory and Appraisal

12/04/2018

BR. TYPE: 1 - CONCRETE/1 - SLAB/2 - CONTINUOUS

Report Date:

Clearance Under the Bridge (327) NC: 0 Ft (326) NC: 0 Ft (42A) Type Serv (On): 1 - Highway Rating Information (532) Matl: 2 - Concrete (527) Matl: 2 - Concrete (535) Matl: 2 - Concrete (538) Matl: N - None (541) Matl: N - None (46) Approach Spans Number: 0 (328) Prac Max Vrt Under Clear: (663) Stream Velocity: 0.0 fps (93B) Date of Last Dive Insp: Freq: 0 (31) Design Load: 4 - H20 (45) Main Spans Number: (545) Pier, Total Count: 2 (64) Opr Rat Fact: 1.090 (66) Inv Rat Fact: 0.650 Min. Horiz Under Clear: Min. Vert Under Clear: (307) Total Spans: 3 Min Lat Under Clear: (92B) Dive: N Substructure Abut-Rear Pier-Other Pier-Other Abut-Fwd Pier-Pred (5B) Hwy Sys: 4 - County Highway (Township (100) Strahnt: 0 - Route is not a STRAHNET (104) NHS: 0 - Route is not on the NHS (209) Mile Marker: (337) Right CARD: 0 Ft (339) Left CARD: 0 Ft (10) CARD: 99.99 Ft (47) CARD: 28 Ft (387) Special Desig: (5C) Des: 1 - Mainline (30) ADT Year: 2015 (370B) Hwy Sys: (380) ADT Year: (201) Special Desig: (386) Strahnt: (370C) Des: Intersected Route Data (378) NHS: Clearance On the Bridge Inventory Route Data (338) Right NC: 0 Ft (340) Left NC: 0 Ft 0 Ft (5A) Route On/Under: 1 - Route carried "on" the (371) Mile Marker: (210) Corridor: N (335) NC: 0 Ft (336) NC: 0 Ft (5E) Dir: 0 - Not (200) Mileage: 90.500 (384) Corridor: (102) Direction of Traffic: 2 - 2-way traffic (26) Functional Class: 08 - Rural - Minor 99.99 Ft (370E) Dir. (5D) Route No: CJ109 (5E) Dir: 0 (6) Feature Intersected: BAD CREEK (29) Avg. Daily Traffic (ADT): 798 (4) FIPS Code: 62638 - PIKE TWP (379) Avg. Daily Traffic (ADT): (53) Prac Max Vert On Brg: (373) Feature Intersected: (375) Functional Class: (370A) Record Type: (235) Truck Traf: 42 Min. Hriz on Bridge: Min Vrt CIr On Brg: (3) County: FUL (370D) Route No: (381) Truck Traf: (3) County: FUL (39) Vrt Clr Lft: (2) District: 02 Min Latl Clr.

(17) Longitude: -84.0463641441858 (51) Brg. Rdw Width: 28 Ft Major Reconstruction Date: (106) Major Rehabilitation: (28B) No. Lanes Under: 0 Deck Area: 001873 (34) Skew: 30 Deg Structure Information (406) Median Type: /N - NON BARRIER/N - NO JOINT (20) Toll: 3 - On Free Road, the structure is toll (33) Bridge median: 0 - No median (16) Latitude: 41.6065264121734 (19) Bypass Length: 2 Miles (32) App. Rdw Width: 30 Ft (28A) No. Lanes On: 2 (52) Deck Width: 28 Ft (301) Horiz Curve: 0 (27) Date Built: 1958

(426) Type: N - None or N/A (RR, Pedestrian, (50B) Right: 0 Ft (50A) Left: 0 Ft (425) Left Matt: N - None Type Curb or Sidewalk:

(408) Composite: U - Unknown (407) Railing: 7 - Steel Guardrail on Steel, Concrete or Timber Posts (409) Deck Drainage: 1 - Over the side (without drip strip) (412) Flared: N

(427) Right Matl: N - None

(107) Deck Type: 1 - Concrete Cast-in-Place

(428) Type: N - None or N/A (RR, Pedestrian,

(108C) Internal: N - Not Applicable (applies only to bridges with no deck) (108B) External: N - Not Applicable (only for bridges with no decks) Deck Protection:

(419) Date of Wearing Surface: 01/01/1992 (108A) Wearing Surface: 6 - Bituminous (Asphaltic Concrete) - Overlay (547) Slope Protection: N - None (420) Thickness: 2.0 in

(113) Scour: 8 - Bridge foundations determined to be stable for the assessed or (49) Overall Leng: 67 Ft (42B) Type Serv (Under): 5 - Waterway U - Unknown Type: 1 - CONCRETE/1 - SLAB/2 - CONTINUOUS (655) Chan Prot: 0 - Other (grass, bushes, trees) (533) Fnd: (539) Fnd: (542) Fnd: (536) Fnd: (528) Fnd: Type: N - NONE/N - NONE/N - NONE Foundation and Scour Information: (531) Type: 6 - Stub - Capped (526) Type: 6 - Stub - Capped (534) Type: 8 - Capped Pile (537) Type: N - None (540) Type: N - None (657) Drainage Area: (48) Max Span: 24 Ft

(67) Calc Str Appraisal: 5 - Somewhat better than (71-72) Appra (71) Waterway Adequacy: 8 (72) Approach Alignment: 6 (55) Right CARD: N 0 Ft (56) Left CARD: 0 Ft (54) CARD: N 0 Ft (700) LD: 2 - HS20 Loading (702) LD: 2 - HS20 Loading (329) Right NC: 0 Ft (330) Left NC: 0 Ft

325) CARD: 0 Ft

Approach Informatio (63) Analysis: 6 - Load Factor Rating (LFR) reported by RF using HS20 (704) Year of Rating: 7/1/2011 (708) Rate Soft: 1 - BARS (707) PE# 72374

(734) Ohio Percent Legal

(68) Calc Deck Geometry: 5 - Somewhat better than

(69) Calc Underclearance: N - Not applicable

(402) Grade: 1 - Good **Culvert Infor** (403) Approach Pavement: 2 - Bituminous (401) Approach Guardrail: 1 - Steel Beam

(582) Headwalls: N - None or Not Applicable (Not a (477) Moment Plate: N - No Moment Plates (40) Horiz Clear: (39) Vert Clr: 0 Ft General Inform (453) Bearing Devices: N - NONE/N - NONE/ (38) Navigation: 0 - No Navigation control on (414) Expansion Joint: 4 - POURED// (475) Main Member: C - Slab (580) Depth of Fill: 0 Ft

(578) Length: 0 Ft

(575) Culvert Type: N - Not a Culvert or Rigid Frame

(407) Railing: 7 - Steel Guardrail on Steel, Concrete or Timber (482) Paint: N - None or Not Applicable (468) Hinges: N - Not Applicable (structures with no hinges) (465) Framing: N - None or Not Applicable (93A) Special Inspection Date: (474) Long Member: N - Not Applicable (i.e. Culvert, Beam, Slab, (486) Structural Steel Memb: N - None (92A) Fracture Critical Insp: N

Freq: 0

(92C) Spec Insp: N

(93C) Special Inspection Date:

(203) Bridge Dedicated

12/04/2018 BR. TYPE: 1 - CONCRETE/1 - SLAB/2 - CONTINUOUS 12/04/2018 Report Date: Date of Last Inventory Update: ≻ z (709) Rating Score: 1 - Plan information available for load rating analysis (Default) (281) Signs Under Bridge: (279) Signs on Bridge: (435) Splash Guard: (431) Fence Height: (433) Noise Barrier: (432) Glare Screen: (271) Other-Feat: (459) Catwalk: (283) Lighting: (430) Fence: Original Plans Information (248) Ohio Original Construction Project Number: zzz(251) Standard Drawing: (247) Repair: N (267) Telephone Line: (269) Sanitary Sewer: (252) Microfilm Reel: (245) Fabr: N (246) Orig: N (271) Other Utilities: (265) Electric Line: (249) Contractor: (270) Water Line: (250) Fabricator Aperture Cards: (268) TV Cable: (266) Gas Line: Inventory Bridge Number: FUL CJ109 90.500 **Bridge Inventory and Appraisal** 1 BAD CREEK 0 - Does not meet acceptable 0 - Does not meet acceptable Survey Items (37) Hist Significance: 5 - Not eligible for National Register of Historic Places

(828) Hist Type: 330 - CONTINUOUS

(98A) Border Bridge

(98B) Resp:

(99) SFN:

(827) Hist Build Year: 1958

(842) Hist/Designer:

(112) NBIS: Yes

Structure File Number: 2631067

Sufficiency Rating: 63.9

Unit of Measure: ENGLISH

(114) Future ADT (On Bridge): 1108

(115) Year of Future ADT: 2030

PID Number:

PID Status:

PID Date:

Insp 1st: 3 - County Agency (21) Major Maint 1st: 2nd: X - None 3rd: X - None 2nd: X - None 3rd: X - None 8 - Bridge foundations determined to 0 - Does not meet acceptable 0 - Does not meet acceptable z Inspection Review Date: (92A) Fracture Critical: (113) Scour Critical: (36B) Transitions: (36C) Guardrail: (36D) Rail Ends: (36A) Railings: 12/04/2018 12 Months υZ 9 (41) Operational Status: (90) Inspection Date: (91) Desig Insp Freq: (59) Superstructure: General Appraisal: (60) Substructure: (c6) Approaches:

(61) Channel:

(62) Culvert:

(58) Deck:

SFNs That were replaced by this bridge: -This bridge was retired and copied to: SFNs Replacing this retired bridge: -The bridge was copied from:

(225) Routine Maint 1st: 3 - County Agency

2nd: X - None X - None

3 - County Agency

DISTRICT 5 CAPITAL IMPROVEMENT PROJECTS QUESTIONNAIRE ROUND 34

Name of Applicant: Fulton County

Good:

Proje	ct Title: Bridge 10S.3, Bridge 10-2M.3, 8	& Bridge J109.5 Replacements
Project response accura	cts. Please provide specific in nses to these questions will be	answered for each application submitted for State Issue II SCIP, LTIP and Loan formation using the best documentation available to you. Justification of your required if your project is selected for funding, so please provide correct and and Townships under 5,000 in population should also complete the Small
1.	What percentage of the proj	ect in repair A=100%, replacement B=%, expansion C=%, and new D=
	%? (Use dollar amou	ints of project to figure percentages and make sure the total equals one
	hundred(100) percent) A+B	= 100 % C+D=%
		ir or Replacement of public facilities owned by the government (any subdivision state).
		acement of privately owned wells, septic systems, private water or wastewater ns, etc.
2.	Give the physical condition	rating:
	Closed or Not Operating:	The condition is unusable, dangerous and unsafe. The primary components have failed. The infrastructure is not functioning at all.
√	Critical:	The condition is causing or contributing to a serious non-compliance situation and is threatening the intended design level of service. The infrastructure is functioning at seriously diminished capacity. Imminent failure is anticipated within 18 months. Repair and/or replacement is required to eliminate the critical condition and meet current design standards. (For Road Projects structural repair items would represent a minimum of 25% of the total Project Cost).
	Poor:	The condition is substandard and requires repair/replacement in order to return to the intended level of service and comply with current design standards. Infrastructure contains a major deficiency and is functioning at a diminished capacity.
	Fair:	The condition is average, not good or poor. The infrastructure is still functioning as originally intended. Minor deficiencies exist requiring repair to

standards.

continue to function as originally intended and/or to meet current design

The condition is safe and suitable to purpose. Infrastructure is functioning as

originally intended, but requires minor repairs and/or upgrades to meet current design standards.

Excellent:

The condition is new, or requires no repair. Or, no supporting documentation has been submitted.

- * In order to receive points provide supporting documentation (e.g. photos, a narrative, maintenance history, or third party findings) to justifying the rating.
- 3. If the proposed project is not approved what category would best represent the impact on the general health and/or public safety?

ROADS

Extremely Critical:

Resurfacing, Restoration, Rehabilitation and Reconstruction (4R) of a Major

Access Road.*

Critical:

Resurfacing, Restoration and Rehabilitation (3R) of a Major Access Road.*

Major:

Resurfacing, Restoration, Rehabilitation and Reconstruction (4R) of a Minor

Access Road.*

Moderate:

Resurfacing, Restoration and Rehabilitation (3R) of a Minor Access Road.*

Minimal:

Preventative Maintenance of a Major Access Road.

No Impact:

Preventative Maintenance of a Minor Access Road.

Projects that have a variety of work will be scored in the <u>LOWEST</u> category of work contained in the Construction Estimate.

Road/Street Classifications:

Major Access Road:

Roads or streets that have a dual function of providing

access to adjacent properties and providing through or

connecting service between other roads.

Minor Access Road:

Roads or streets that primarily provide access to adjacent

properties without through continuity, such as cul-de-sacs

or loop roads or streets.

Preventative Maintenance:

Non Structural Pavement work such as chip sealing, cape

sealing, micro-surfacing, crack sealing, etc.

^{*(3}R) Resurfacing, Restoration and Rehabilitation - Improvements to existing roadways, which have as their main purpose, the restoration of the physical features (pavement, curb, guardrail, etc.) without altering the original design elements. (Surface and Intermediate layer Mill and Fills, overlays with less than or equal to 3" of additional pavement, ect...)

*(4R) Resurfacing, Restoration, Rehabilitation and Reconstruction - Much like 3R, except that 4R allows for the complete reconstruction of the roadway and alteration of certain design elements (i.e., lane widths, shoulder width, SSD, overlays with greater than 3" of additional pavement, etc.).

BRIDGES SUFFICIENCY RATING

Extremely Critical: 0-25, or a General Appraisal rating of 3 or less.

Critical: 27-50, or a General Appraisal rating of 4.

Major: 51-65 or a General Appraisal rating of 5 or 6.

Moderate: 66-80 or a General Appraisal rating of 7.

Minimal: 81-100 or a General Appraisal rating of more than 7.

No Impact: Bridge on a new roadway.

WASTEWATER TREATMENT PLANTS

Extremely Critical: Environmental Protection Agency (EPA) orders in the form of a consent decree.

findings and orders or court order. Health Department Construction Ban.

Critical: Improvements ordered by the Environmental Protection Agency (EPA) in the

form of NPDES Orders.

Major: Replace deficient appurtenances. Update existing processes due to EPA

recommendations.

Moderate: Increase capacity to meet current needs or update processes to improve effluent

quality.

Minimal: New/Expansion project to meet a specific development proposal.

No Impact: New/Expansion to meet future or projected needs.

WATER TREATMENT PLANT

Extremely Critical: EPA orders in the form of a consent decree, findings and orders or court order.

Critical: Improvements to meet Environmental Protection Agency (EPA) Safe Drinking

Water Regulations and/or NPDES Orders.

Major: Replace deficient appurtenances. Update existing processes due to EPA

recommendations.

Moderate: Increase capacity to meet current needs or update processes to improve water

quality.

Minimal: New/Expansion project to meet a specific development proposal.

No Impact:

New/Expansion to meet future or projected needs.

COMBINED SEWER SEPARATIONS (May be construction of either new storm or sanitary sewer as long as the result is two separate sewer systems.)

Extremely Critical: EPA orders in the form of a consent decree, findings and orders or court order.

Health Department Construction Ban.

Critical:

Separate, due to chronic backup or flooding in basements.

Major:

Separate, due to documented water quality impairment, or due to EPA

recommendations.

Moderate:

Separate, due to specific development proposal within or upstream of the

combined system area.

Minimal:

Separate, to conform to current design standards.

No Impact:

No positive health effect.

STORM SEWERS

Extremely Critical:

EPA orders in the form of a consent decree, findings and orders or court order.

Critical:

Chronic flooding (structure damage).

Major:

Inadequate capacity (land damage).

Moderate:

Inadequate capacity with no associated damage.

Minimal:

New/Expansion to meet current needs.

No Impact:

New/Expansion to meet future or project needs.

CULVERTS

Extremely Critical:

Structurally deficient or functionally obsolete. Deterioration has already caused a

safety Critical: hazard to the public.

Critical:

Inadequate capacity with land damage and the existing or high probability of

property damage.

Major:

Inadequate capacity (land damage).

Moderate:

Inadequate capacity with no associated damage.

Minimal:

New/Expansion to meet current needs.

No Impact:

New/Expansion to meet future or projected needs.

SANITARY SEWERS

Extremely Critical:

EPA orders in the form of a consent decree, findings and orders or court order.

Health Department Construction Ban.

Critical:

Replace, due to chronic pipe failure, chronic backup or flooding in basements.

Improvements ordered by the Environmental Protection Agency (EPA) in the

form of NPDES Orders.

Major:

Replace, due to inadequate capacity or infiltration, or due to EPA

recommendations.

Moderate:

Rehabilitate to increase capacity to meet current needs or to reduce inflow and

infiltration.

Minimal:

New/Expansion project to meet a specific development proposal.

No Impact:

New/Expansion to meet future or projected needs.

SANITARY LIFT STATIONS AND FORCE MAINS

Extremely Critical:

Structurally deficient. Deterioration has already caused a safety/health hazard to

the public, or, EPA orders in the form of a consent decree, findings and orders or

court order.

Critical:

Inadequate capacity with actual or a high probability of property damage.

Improvements ordered by the Environmental Protection Agency (EPA) in the

form of NPDES Orders.

Major:

EPA recommendations, or, reduces a probable health and/or safety problem.

Moderate:

Rehabilitate to increase capacity to meet current needs.

Minimal:

New/Expansion to meet a specific development proposal.

No Impact:

New/Expansion to meet future or projected needs.

WATER PUMP STATIONS

Extremely Critical:

Structurally deficient. Deterioration has already caused a safety hazard to the

public, or, EPA orders in the form of a consent decree, findings and orders or

court order.

Critical:

Inadequate capacity with the inability to maintain pressure required for fire flows.

Major:

Replace due to inadequate capacity or EPA recommendations.

Moderate:	Rehabilitate to increase capacity to meet current needs.				
Minimal:	New/Expansion to meet a specific development proposal.				
No Impact:	New/Expansion to meet future or projected needs.				
WATER LIN	ES/WATER TOWERS				
Extremely Cri	itical: Solve low water pressure or excessive incidents of main breaks in project area.				
Critical:	Replace, due to deficiency such as excessive corrosion, etc.				
Major:	Replace undersized water lines as upgrading process.				
Moderate:	Increase capacity to meet current needs.				
Minimal:	New/Expansion project to meet a specific development proposal.				
No Impact:	New/Expansion to meet future or projected needs.				
<u>OTHER</u>					
Extremely Cri	tical: There is a present health and/or safety threat.				
Critical:	The project will provide immediate health and/or safety benefit.				
Major:	The project will reduce a probable health and/or safety problem.				
Moderate:	The project will delay a health and/or safety problem.				
Minimal:	A possible future health and/or safety problem mitigation.				
No Impact:	No health and/or safety effect.				
NOTE:					
(Submittals w	ithout supporting documentation will receive 0 Points for this question.)				
Extremely Cr	itical, Critical 🗹, Major, Moderate, Minimal, No Impact Explair				
your answer.	as a GA = 4A; Bridge 10-2M.3 has a GA =6P; Bridge J109.5 has a GA = 5A				
	as a GA - 4A, bridge 10-2M.s rias a GA = 6P, bridge J709.5 has a GA = 5A				

(Additional narrative, charts and/or pictures should be attached to questionnaire)

4.	Identify the amount of local funds that will be used on the project as a percentage of the total project cost.
	A.) Amount of Local Funds = \$\\\325,000
	B.) Total Project Cost = \$650,000
	RATIO OF LOCAL FUNDS DIVIDED by TOTAL PROJECT COSTS (A \square B)= 50 %
	Note: Local funds should be considered funds derived from the applicant budget or loans funds to be
	paid back through local budget, assessments, rates or tax revenues collected by the applicant.
5.	Identify the amount of other funding sources to be used on the project, excluding State Issue II or LTIP
	Funds, as a percentage of the total project cost.
	Grants% Gifts%, Contributions%
	Other% (explain), Total _0%
	Note: Grant funds and other revenues not contributed or collected through taxes by the applicant
	should be considered other funds. The Scope of Work for each Funding Source must be the same.
6.	Total Amount of SCIP and Loan Funding Requested- An Applicant can request a grant per the categories below for points as indicated on the Priority Rating Sheet. If the Applicant is including a loan request equal to, but not exceeding 50% of the OPWC funding amounts listed below, there will be no point penalty. If loan funds requested are more than 50%, points as listed in the Priority Rating Sheet will apply.
	\$500,001 or More
	\$400,001-\$500,000
	\$325,001-\$400,000 ✓ \$275,001-\$325,000
	\$175,001-\$275,000
	\$175,000 or Less
	There are times when the District spends all of the grant money and has loan money remaining. When this happens, the district makes a loan offer in the amount of the requested grant to the communities that were not funded. The offers are made in the order of scoring. We need to know if you are not successful in obtaining grant dollars for your project if you would be interested in loan money:
	YES NO

If the proposed project is funded, will its completion directly result in the creation of permanent full-time

7.

equivalent (FTE) jobs (FTE jobs shall be defined as 35 hours/week)? Yes No 🗹. If yes, how
many jobs within eighteen months? Will the completed project retain jobs that would otherwise be
permanently lost? Yes No \times If yes, how many jobs will be created/retrained within 18
months following the completion of the improvements?
(Supporting documentation in the form of letter from affected industrial or commercial enterprises that
specify full time equivlent jobs that will be retained or created directly by the installation or
improvement of Public infrastructure. Additional items such as; 1) newspaper articles or other media
news accounts, 2) public meeting minutes, and/or 3) a letter from the County Economic Development
Director or State of Ohio Economic Development Professional that alludes to the requirement for the
infrastructure improvement to support the business. Submittals without supporting documentation will
receive 0 points for this question.)

- 8. What is the total number of existing users that will directly benefit from the proposed project if completed? ______ (Use households served, traffic counts, etc. and explain the basis by which you arrived at your number.)
- 9. Is subdivision's population less than 5,000 Yes ____ No _✓

 If yes, continue. You may want to design your project per Small Government Project Evaluation

 Criteria, released for the current OPWC Round to assist in evaluating your project for potential Small

 Government Funding. The Small Government Criteria is available on the OPWC website at

 http://www.pwc.state.oh.us/Meth.SG.PDF If No, skip to Question 11.

10. OHIO PUBLIC WORKS COMMISSION SMALL GOVERNMENT PROGRAM GUIDELINES

All projects that are sponsored by a subdivision with a population of 5,000 or less, and not earning enough points for District Funding from SCIP or LTIP Funds, are then rated using the Small Government Program Rating Criteria for the corresponding funding round. In order to be rated the entity must submit the Small Government Suppliment and their required budgets with their application. Only infrastructure that is village- or township- owned is eligible for assistance. The following policies have been adopted by the Small Government Commission:

- •District Integrating Committees may submit up to seven (7) applications for consideration by the Commission. All 7 must be ranked, however, only the top five (5) will be scored. The remaining two (2) will be held as contingency projects should an application be withdrawn.
- Grants are limited to \$500,000. Any assistance above that amount must be in the form of a loan.

- •Grants for new or expanded infrastructure cannot exceed 50% of the project estimate.
- The Commission may deny funding for water and sewer systems that are deemed to be more cost-effective if regionalized.
- •If a water or sewer project is determined to be affordable, the project will be offered a loan rather than a grant. Pay special attention to the Water & Wastewater Affordability Supplemental and the Small Government Water & Wastewater Affordability Calculation Worksheet. Both are available on the Small Government Program Tab at http://www.pwc.state.oh.us/SmallGovernment.html
- Should there be more projects that meet the "annual score" than there is funding, the tie breaker is those projects which scored highest under Health & Safety, with the second tie breaker being Condition. If multiple projects have equivalent Health & Safety and Condition scores they are arranged according to the amount of assistance from low to high. Once the funded projects are announced, "contingency protects" may be funded from project under-runs by continuing down the approved project list.
- Supplemental assistance is not provided to projects previously funded by the Commission.
- •Applicants have 30 days from receipt of application by OPWC without exception to provide additional documentation to make the application more competitive under the Small Government criteria. Applications will be scored after the 30-day period has expired. The applicants for each District's two (2) contingency projects will have the same 30-day period to submit supplemental information but these applications will not be scored unless necessary to do so. It is each applicant's responsibility for determining the need for supplemental material. The applicant will not be asked for or notified of missing information unless the Commission has changed the project type and it affects the documentation required. Important information may include, but is not limited to: age of infrastructure, traffic counts or utility users, median income information, user rates ordinances, and the Auditor's Certificate of Estimated Revenues or documentation from the Auditor of State that subdivision is in a state of fiscal emergency.

If you desire to have your Round 33 project considered for Small Government Funding please download the Small Government Evaluation Criteria applicable to Round 33 by accessing the OPWC Website at http://www.pwc.state.oh.us/Meth.SG.PDF. Please complete the Small Government Evaluation Criteria and attach all required supporting documentation and attach it to the District 5 Questionnaire for Round 32.

11. MANDATORY INFORMATION, DISTRICT 5, DISCRETIONARY RANKING POINTS

List all specific user fees:	Amount or
ROAD & BRIDGE PROJI	ECTS: (OHIO REVISED CODE) Percentage
Permissive license fee	4504.02 or 4504.06
	4504.15 or 4504.17
	4504.16 or 4504.171
	4504.172
	4504.18

Special pro	operty taxes	5555.48 5555.49		
Municipal	Income Tax	3333.49	,	
County Sal	les Tax			
Others				
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(DO NOT	INCLUDE SCHOOL TAXI	ES)	9	_
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SPECIFIC	PROJECT AREA INFORM	IATION.		
Median hou	usehold income	,		
λ / <u>/</u> 1.1 /	11.4			
Monthly ut	inty rate: water			
	Sewer			
	Other			
	Other	,		
List any spe	ecial user fees or assessment	t (be specific)		
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COUNTY=				
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	alantia			
Date:	8128119	,	-	
Signature:	June V	eller	,	
Title:	Fulton County Engineer			
Address:		Wauseon, Ohio 43567		
Phone:	419-335-3816			
FAX:	419-335-1091	,	Troub reserve to the second se	
Email.	fonweller@fultoncounty	voh.com		

Capital Improvement Project

Priority Rating Sheet, Round 34

	Toolumo	ing Sheet, Round 34		_										Revised 04		
		COUNTY: Fulton PROJECT: Bridge 10S.3, 10-2M.3, & J109.5												PROJECT NOW	IOEK	
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		assessments, rates or tax revenues)			-	1		ı			1]		*	1
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^{*} Applicants must certify local share contribution. Specify, all funding sources to be utilized as local share at the time of application submittal.