

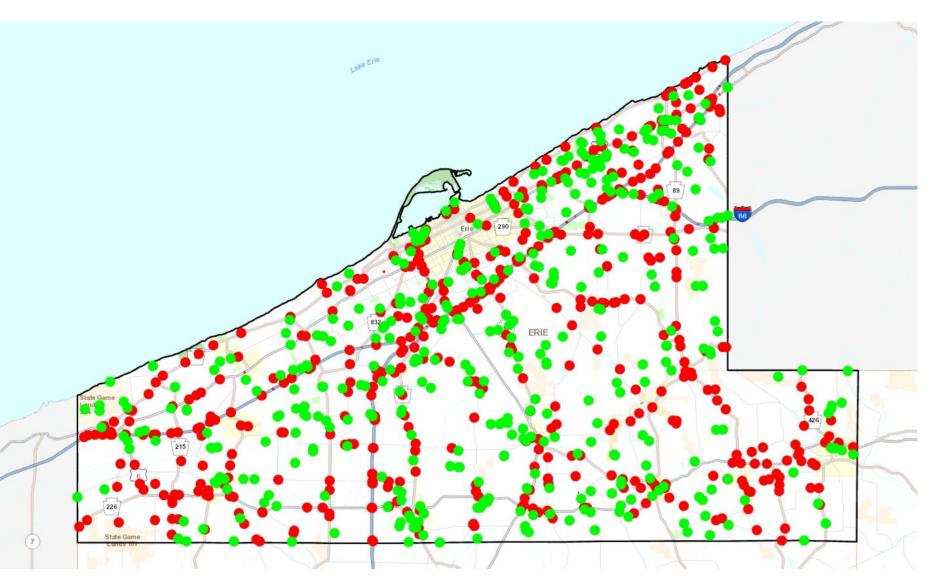
Funding Strategies for Critical Infrastructure in Erie County



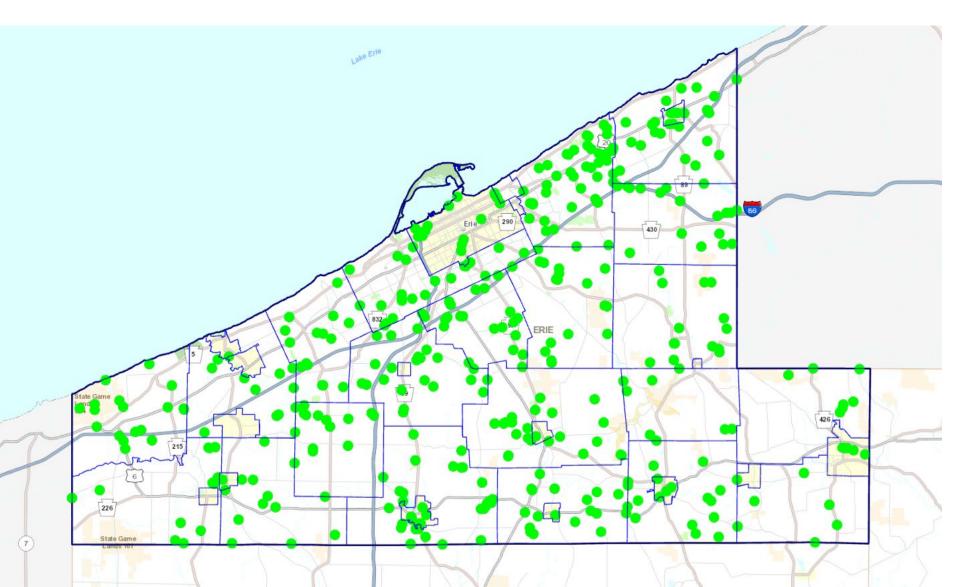


Because this is not an option... LIMIT 235

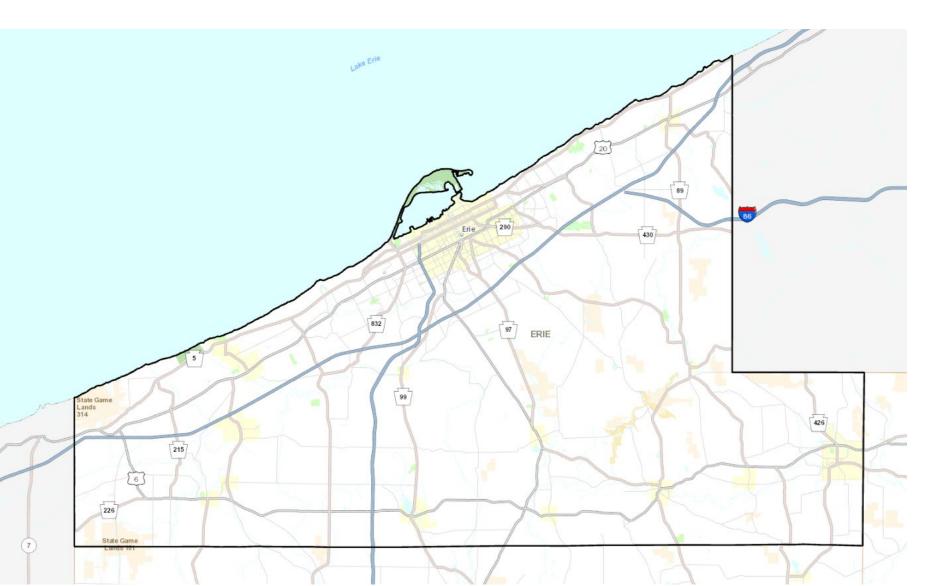
Local and State Bridges



Local Bridges

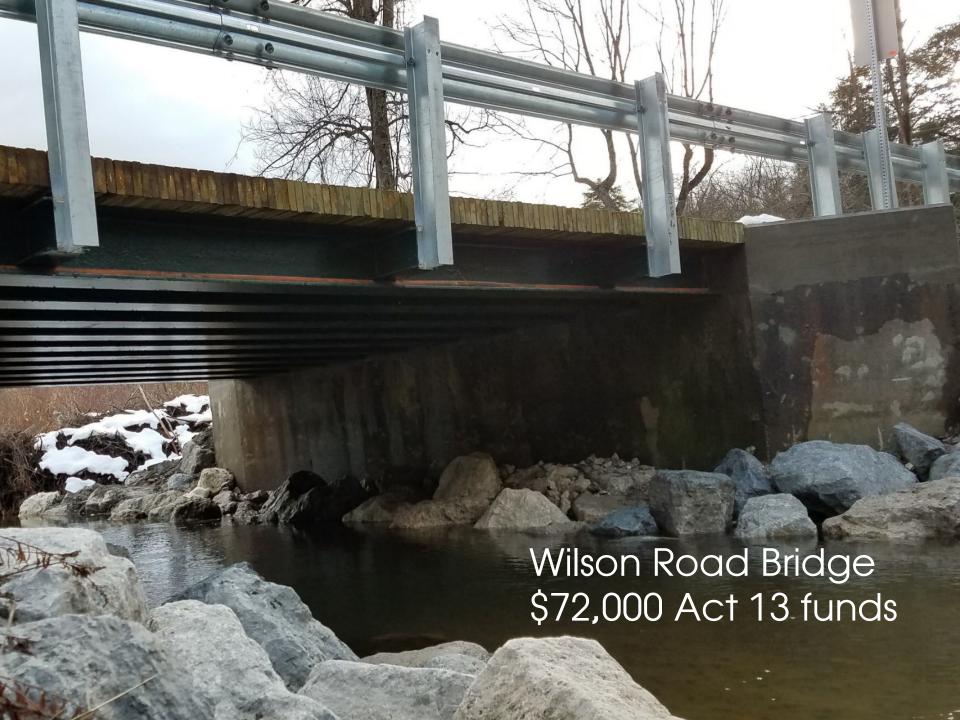


County Bridges



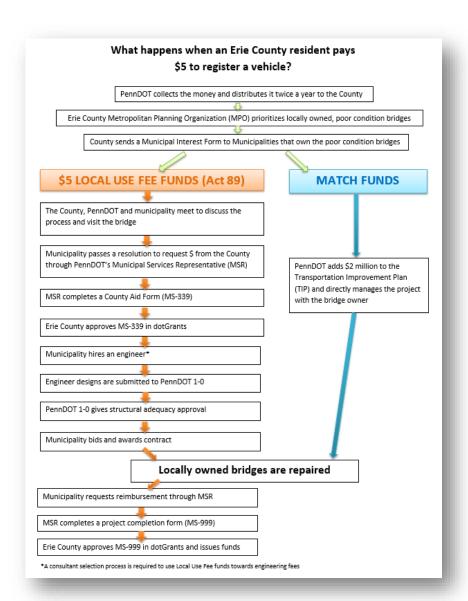
Act 13 At-Risk Bridge Program







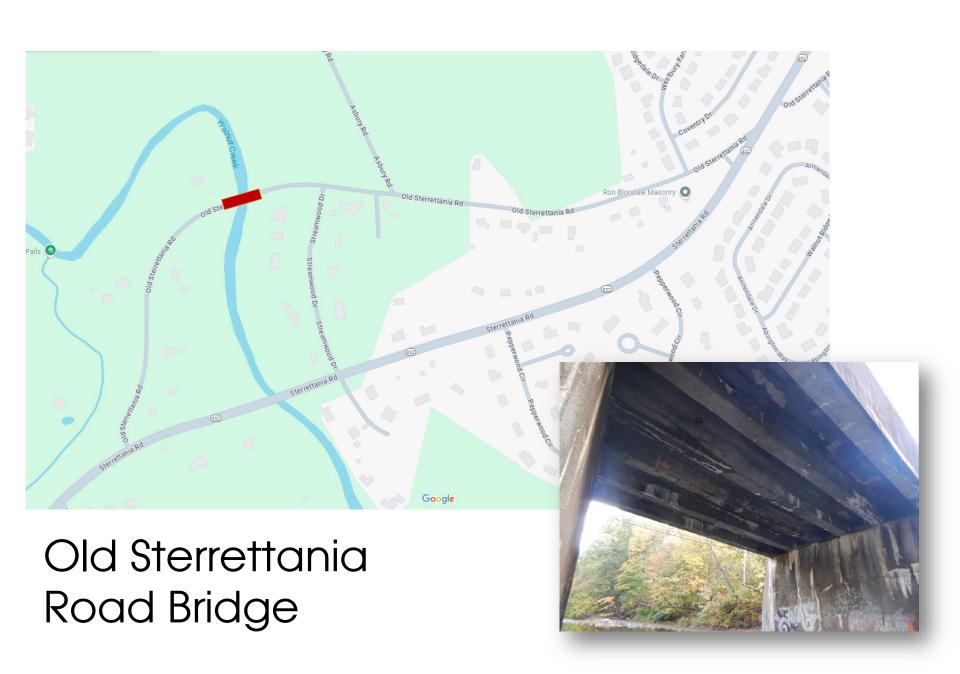
Local Use Fee Program





Prioritization by formula ADT x Detour Length + Condition Rating

KE▼	Owner Description	Facility	ulver	Scour Critical Category	Deck Area	ADT	ADTT	Detour	ADT x Detour	ADTxDetour Ranking	ADTxDetour + MWB Ranking	Overall Cost	NRHP Eligibility	PNDI (Draft)
8	25/213 - MILLCREEK	T406 OLD STERRETT			1735	1146		1	1146	2	6	1,127,750	No	Clear
2	25/212 - MCKEAN	T-480, OLD RTE 99			772	695	19	1	695	5	10	670,200	No	Clear
4	25/208 - GREENE	T-300 ETTER ROAD			1235	96	6	3	288	12	13	481,650	No	Clear
4	25/212 - MCKEAN	T-480, OLD RTE 99			874	561	22	1	561	7	14	705,900	No	Clear
3	25/212 - MCKEAN	T-480, OLD RTE 99			990	610	18	1	610	6	14	746,000	No	Clear
5	25/210 - HARBORCREEK	T-857 LEET ROAD			784	125	8	2	250	14	16	674,400	No	PAFBC and USFWS hits
7	25/404 - EDINBORO	ERIE STREET			2463	1632	58	2	3264	1	16		No	DCNR hits - MU 2 Mussel water (Conneauttee Creek)
10	25/207 - GIRARD	T-400 GUDGEONVILLE		D	1428	205	10		820	3	17			Clear
14	25/203 - CONNEAUT	T-300 STATE LINE		В	502	93	6	3	279	13	19	575,700	No	Clear
4	25/204 - ELK CREEK	T-343 RESERVOIR RD		.	484	84	9	1	84	17	20	569,400	No	PAFBC hits
	25/204 - ELK CREEK	T-313,SHERROD HILL		В	840	106	15		318	11	21	694,000	No	PAFBC hits
7	25/203 - CONNEAUT	T-358 BESSEMER AVE	Ξ		996	200	15	2	400	10	21	748,600	No	PAFBC hits
0	25/302 - ERIE	KAHKWA AVENUE	4		923	721	48	1	721	4	22		Yes	PAFBC, PAGC hits
1	25/411 - NORTH EAST	WELLINGTON STREET		D	2002	536	14	1	536	8	24		No	Clear
8	25/203 - CONNEAUT	T-360 ORE DOCKS RD		В	680	71	13	2	142	16	25	638,000	No	PAFBC hits
4	25/220 - WATERFORD	T-523 HIMROD ROAD	4		608	131	17	4	524	9	26		No	PAFBC, USFWS, DCNR hits - MU Mussel water (Lebeouf Creek)
3	25/404 - EDINBORO	HIGHLAND AVE,T-995			442	30		1	30	18	30	554,700	No	DCNR hits
2	25/213 - MILLCREEK	T-665 EVANS ROAD		D	1320	29	2	1	29	19	32		No	Clear
8	25/211 - LE BOEUF	T-373 McGAHEN HILL	4		440	50		3	150	15	34		No	PAFBC and USFWS hits - MU 4 Mu water (tributary to French Creek)





Etter Road Bridge



After

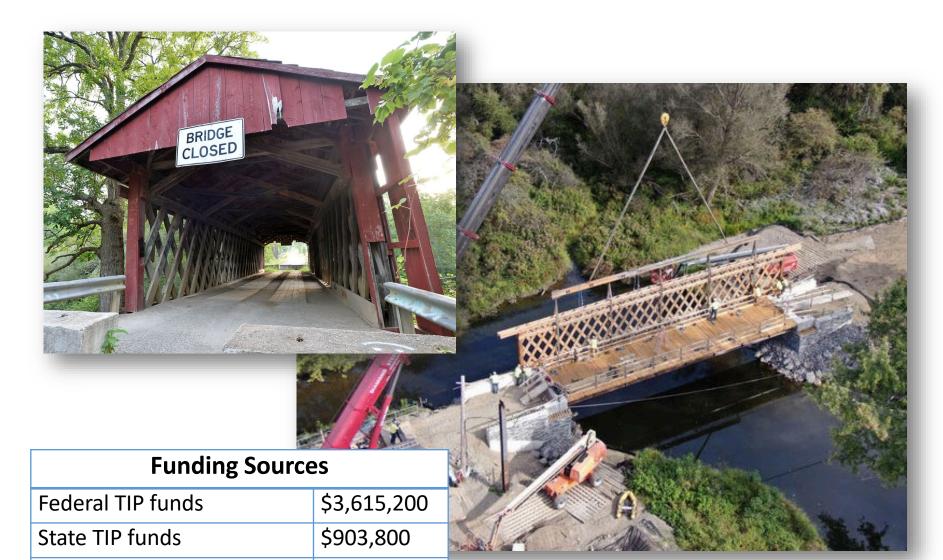
Transportation Improvement Program (TIP)



- Federal Bridges Off the Federal-Aid System Program (BOF)
- Bridge Investment Program (BRIP)
- State 183 funds

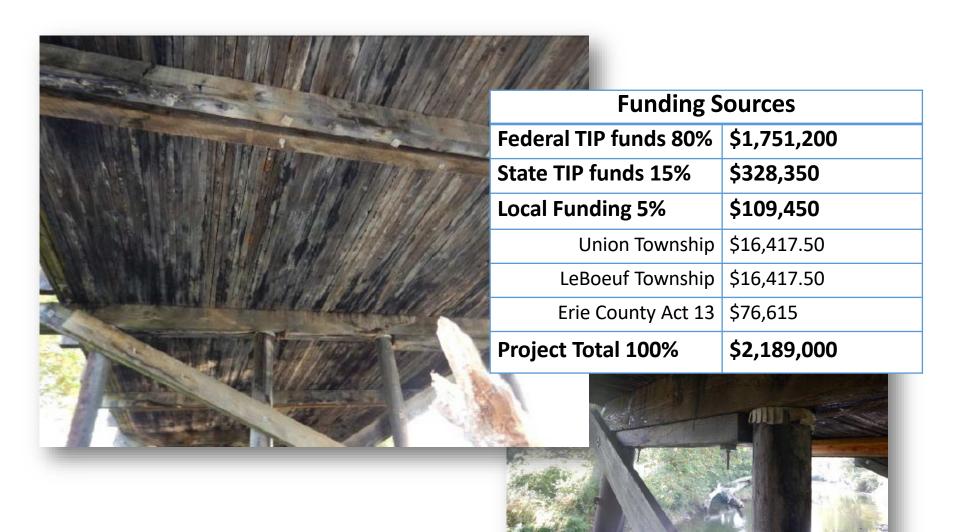
Niemeyer Road Bridge

Project Total 100%

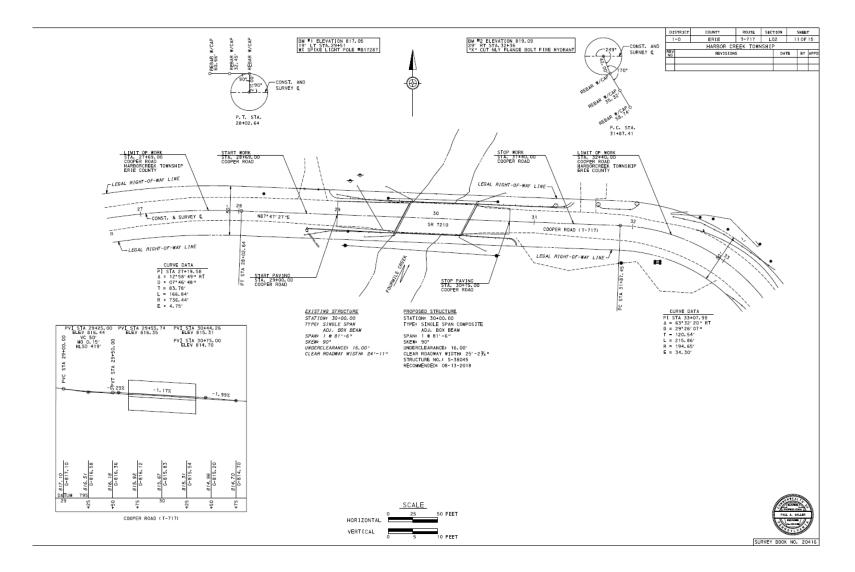


\$4,519,000

Union-LeBoeuf Road Bridge



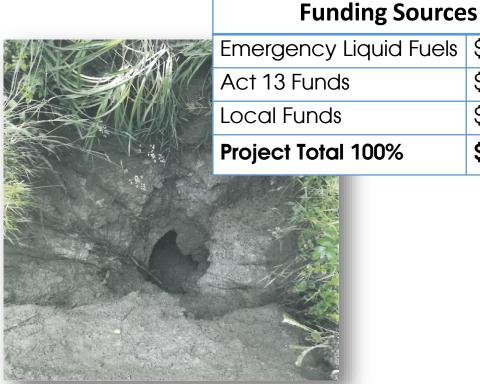
Bridge Bundles



Liquid Fuels program

- Erie County's pass through funds
- Erie County's Emergency Liquid Fuels Program





\$28,733

\$14,366

\$14,366

\$57,467

Other Funding Opportunities

<u>Used in Erie County:</u>

- Dirt, Gravel and Low Volume Road Program
- American Rescue Plan Act (ARPA)
- Community Development Block Grants

Other sources to consider:

- PennDOT Multimodal Transportation Fund
- Pennsylvania Infrastructure Bank
- Historic Truss Bridge Management Program
- Federal Grants through IIJA/BIL
- Public/Private Partnership
- Gaming Revenue



Challenges

- Bridges are really expensive
 - Cost estimation
 - Inflation

Initial cost estimate for replacement: \$650,000 (2020)

Actual: \$2,091,821

100% Local Use Fee



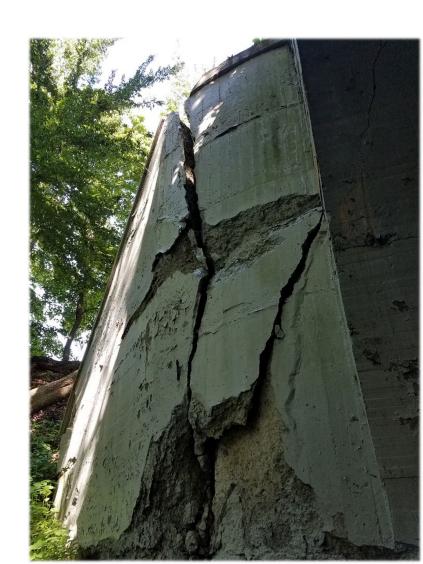
Sherrod Hill Road Bridge

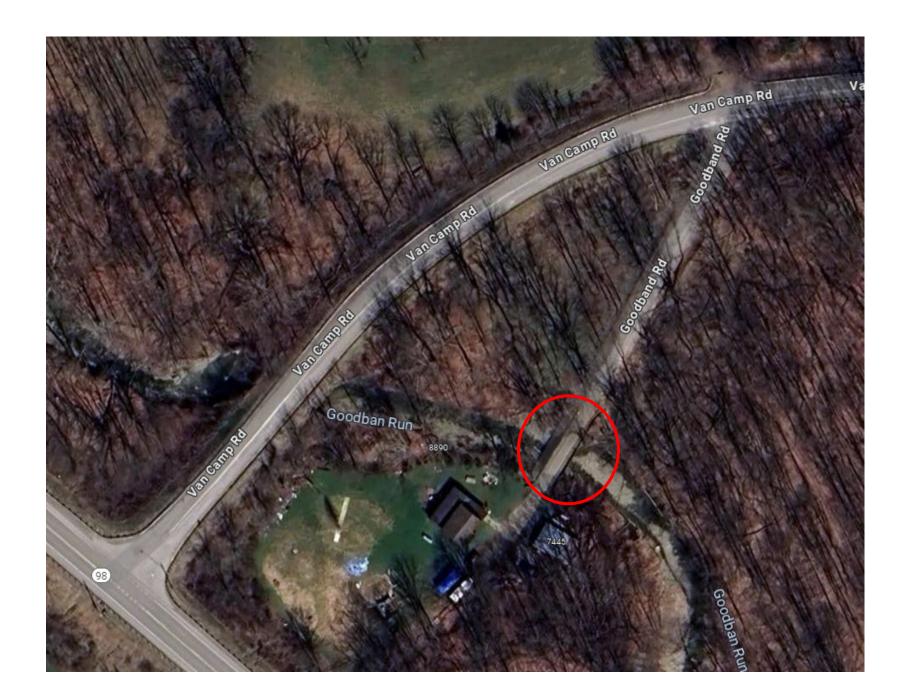


Kuhl Road Culvert

Planning not to fix?

- Operationally redundant
- Low traffic
- Too expensive
- Municipal objections
- In a high-income, majority area
- Engineer's lack of experience
- Land owners refusing construction easements









n erri 53

Waterford Maintenance Garage

Wardst

Thank you!





Emily Aloiz

Planning Program Administrator Transportation | MPO

Erie County Department of Planning and Community Development

150 East Front Street | Suite 300 | Erie, PA 16507

Phone: 814.451.7325 | ealoiz@eriecountypa.gov

