



PHILO/DUNCAN FALLS BRIDGE

History:

Current Bridge: 828 feet long, 5 span, steel through truss, built in 1954 on widened 1875 masonry piers

Construction: Began - March 30, 1953, Completed - November 30, 1954

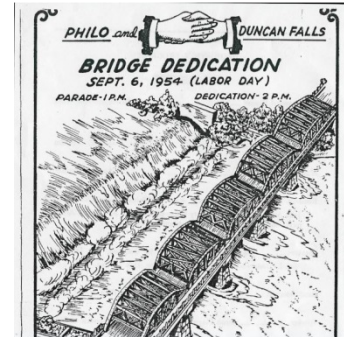
Contractor: Wander and Mason, Inc. - Worthington, Ohio

Engineer: Varo Engineers - Columbus, Ohio

Final Construction Cost: **\$805,365.06**

Materials: 1,589,500 pounds of structural Steel; 158,058 pounds of reinforcing steel

Past Repairs:



Year	Description	Cost
1978	Removal of open grate decking from swing span, Ohio Bridge Corp.	\$143,170.00
1989	Repainting of entire bridge, RIE Sandblasting and Painting	\$86,250.00
1992	Repainting of floor beams and stringers, Ohio Bridge Corp.	\$9,600.00
1992	Repair of stringers, Ohio Bridge Corp.	\$7,292.52
1994	Replacement of curbs and 64 floor stringers, Ohio Bridge Corp.	\$269,583.40
1995	Replacement of 4 sections of the deck, Ohio Bridge Corp.	\$18,222.00
1995	Repainting of railings and repair of swing span supports, Ohio Bridge Corp.	\$23,189.25
2006	Reinforcement of one floor beam and replacement of stringers on swing span, MCEO	\$76,357.48
2007	Resurfacing of asphalt on entire bridge, Shelly and Sands, Inc.	\$50,760.71
2011	Replacement of a portion of 1978 steel deck in north bound lane on swing span, MCEO	\$91,100.01
2013	Placed plates over the swing span expansion joint, MCEO	N/A
2014	Planned Replacement of a portion of 1978 steel deck in south bound lane and expansion joint on swing span, MCEO	~\$20,000
	Repairs Total	\$795,525.37



Replacement:

-**Anticipated Replacement Costs: Approximately \$15 million** (MCEO has secured \$5 million from Local Bridge Replacement program for 2019)

-Length of Construction: Estimated to be 18 – 24 months

-Current Status: As of October 2014 – Consultant selected, developing agreement for Preliminary Engineering. Preliminary Engineering includes: right-of-way review, environmental review, structure type study, and location alternatives that include construction estimates.

-Next Steps: After preliminary engineering is complete we will select the best alternative and proceed to final design while concurrently exploring funding options.

A PUBLIC MEETING to discuss the bridge will be held Thursday November 13, 2014, at 7:00pm in the Philo Junior High School cafeteria, in Philo, Ohio. The public is encouraged to submit questions in writing prior to the public meeting to mceo@rroho.com or through the MCEO website's Feedback link <http://www.mceo.org/feedback.aspx>. Submitted questions will be addressed at the Public Meeting.