

FAC 8611 RAILROAD BRIDGE

FY22 SUC: \$207.26 LF

Source: State DOT Bids, Army TM, Department of Transportation-Federal Railway
Administration, General Accounting Office, Federal Highway Administration

Calculations Below:

FAC 8611 Railroad Bridge

UM = LF

Mean Qty = 208

ESL = 46

Requirements		Unit	Qty	Unit Cost	Frequency (years)	Occurrences over Lifetime	Extended Cost
	Inspection - by contract including underwater	EA	1	\$12,556.12	1	46	\$577,581.67
	Scour/Paint bridge structure	LF	208	\$6,628.00	25	1	\$1,378,624.00
	Replace deteriorated RR ties (10% required) installed	EA	21.0	\$142.00	5	9	\$26,838.00
TOTAL							\$1,983,043.67
PER UNIT (LF)							\$207.26

Reference:

Bridge Inspections by Contract: average per-bridge cost cited by CTDOT and Bids to Flint MI

GAO Report: RAILROAD BRIDGES AND TUNNELS Federal Role in Providing Safety Oversight and Freight Infrastructure Investment Could Be Better Targeted

Proceedings of the 2010 Joint Rail Conference JRC2010 April 27-29, 2010, Urbana, IL, USA

Army TM 5-600 - Bridge Inspection Maintenance and Repair