



To: Mayor and Council  
From: Dylan Mulfinger  
Subject: 10<sup>th</sup> St. Bridge Work Session Two  
Date: 2/26/2024

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The City Administrator is recommending the replacement of the 10<sup>th</sup> St Bridge. The bridge is a main thoroughfare for Oelwein connecting west and east Oelwein. The impact of removing the bridge is unknown. Without the bridge, alternate options of 4<sup>th</sup> Street and Charles are not viable for through traffic. Below is a summary of the options discussed with the city's bridge engineer.

### **Construction Options**

- **10<sup>th</sup> St bridge Rehabilitation**
  - \$1.8 million estimated cost
    - Grant construction \$1.5 million
    - City contribution \$300,000
  - Preliminary study \$5,000 to \$10,000
  - Potential need to strip of lead paint
  - Significant welding to the current structure may be needed
  - Life expectancy
    - 25 years
    - Replacement cost in 25 years \$4,664,468.02
      - 2 percent increase annually
- **10<sup>th</sup> Street Bridge Replacement**
  - \$2.9 million estimated cost
    - Grant construction \$1.5 million
    - City contribution 1.4 Million
  - Life expectancy
    - 50-75 years

### **Funding Options**

- **No Tax Increase**
  - Take \$180,000 out of the \$440,000 Road Infrastructure Fund
    - \$260,000 annually for roads until FY2026 when debt falls off and the fund goes to \$310,000
      - FY2029 when it will be \$410,000
- **Tax Increase**
  - Levy taxes on debt service for the \$180,000 payment
  - This option is recommended by the City Administrator



Tax Increase to 20.16216

Residential	Rolled Back	Per 1000	Taxable \$			New City taxes	No Change
\$274,900	\$127,396	\$127	\$2,569			-\$134	-\$411
\$200,850	\$93,080	\$93	\$1,877			-\$98	-\$300
\$178,150	\$82,560	\$83	\$1,665			-\$87	-\$266
\$144,930	\$67,165	\$67	\$1,354			-\$71	-\$217
\$110,900	\$51,394	\$51	\$1,036			-\$54	-\$166
\$85,670	\$39,702	\$40	\$800			-\$42	-\$128
\$41,270	\$19,126	\$19	\$386			-\$20	-\$62
Commercial	Rolled Back	Per 1000	Taxable \$				
\$79,440	\$79,440	\$36,815	\$37		\$742	-\$39	
\$372,020	\$150,000	\$69,514	\$70	\$1,402	\$5,430	\$360	
	\$222,020	\$199,818	\$200	\$4,029			
\$458,020	\$150,000	\$69,514	\$70	\$1,402	\$6,991	\$528	
	\$308,020	\$277,218	\$277	\$5,589			
\$1,312,290	\$150,000	\$69,514	\$70	\$1,402	\$22,492	\$2,197	
	\$1,162,290	\$1,046,061	\$1,046	\$21,091			
\$22,560,020	\$150,000	\$69,514	\$70	\$1,402	\$408,053	\$43,694	
	\$22,410,020	\$20,169,018	\$20,169	\$406,651			

**Bridge Plan**

- FY2025 begin construction on replacement of 10<sup>th</sup> St bridge
  - Paid for by loan and state bridge funds
  - 154 feet to 239 feet
- FY2029 Begin replacement on downtown West Charles Street bridge
  - Paid for by cash and state bridge funds
    - The city can use one year of road replacement funds and use them toward this bridge
    - The bridge will need to be awarded bridge funds
  - 60 feet
  - Will remove parking lot bridges at this time
    - Cost unknown
- FY2036 begin replacement on West Charles Street bridge
  - The City would start a new loan and replace the bridge loan that is paid off therefore not adjusting taxes
  - 184 feet to ?