



Murray Baker Bridge 2020 Rehabilitation

History

The Murray Baker Bridge is a cantilevered truss bridge built in 1958. It spans the Illinois River between Peoria and East Peoria and carries both eastbound and westbound I-74. The average daily traffic is 67,600 vehicles per day. Prior to the rehabilitation this year, the bridge saw upgrades in 1984 and 2005. With the completion of this year's project, the bridge will now be on the third deck in its lifetime.

AVERAGE DAILY TRAFFIC

67,600

VEHICLES PER DAY

\$42.2 MILLION

Project Scope and Benefits

The \$42.2 million rehabilitation began with a full bridge closure on March 29, reopening to traffic on October 31. The project was done **cheaper, safer and quicker by closing the work zone to all traffic for seven months** instead of multiple construction seasons. The work consisted of concrete deck removal and replacement, structural steel repairs, painting, roadway

lighting, navigational lighting, decorative lighting, scour countermeasures, and related collateral work. The deteriorated bridge joints are gone, and the new deck has been ground smooth to provide a comfortable ride.

3 Kinds of Lights

As part of a joint effort with the City of Peoria, an energy-efficient LED decorative lighting system, which was installed by Oberlander Electric (East Peoria) and Laser Electric (Peoria), is capable of having several color schemes and dynamic light scenes displayed. The decorative lights were added to enhance a community focal point, which shows an investment in the riverfront area of Peoria and East Peoria. The lights will be operated by the City of Peoria.

502

DECORATIVE LIGHTS

Multi-colored

33

ROADWAY LIGHTS

*They shine down
where traffic is driving*

8

NAVIGATION LIGHTS

*Red and green for
boating/marine traffic*



Funding

The \$42.2 million project, including decorative lighting, was made possible by Governor Pritzker's historic, bipartisan **Rebuild Illinois** capital program. As part of the FY2021-26 Proposed Highway Improvement Program, IDOT is investing \$21.3 billion to improve roads and bridges over the next six years, the second multi-year plan that reflects the impact of Rebuild Illinois.