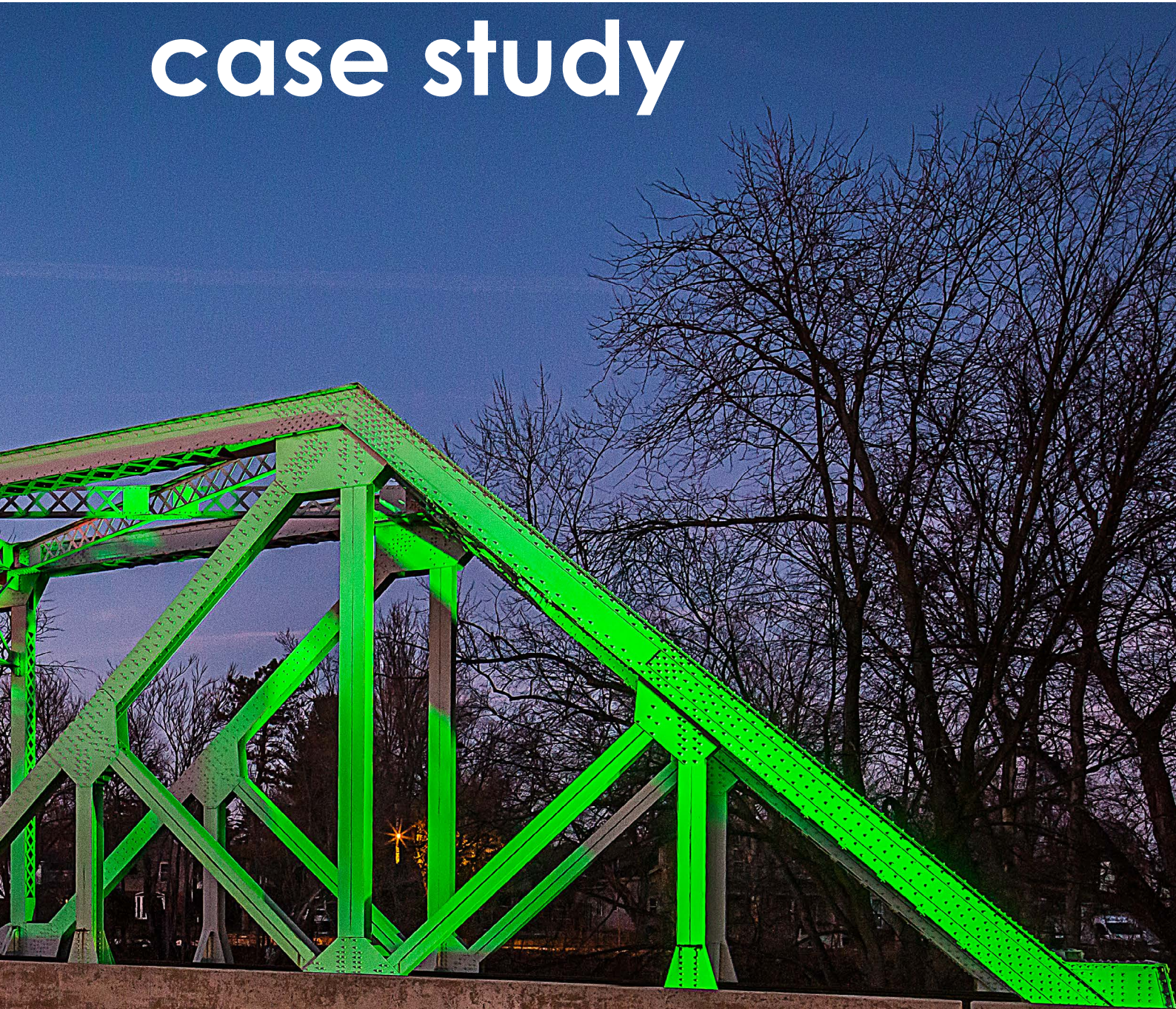


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# case study



## **Blissfield Railroad Bridge**

Railroad (Adrian and Blissfield) Over River Raisin

Village of Blissfield/Lenawee County, Michigan, USA

# The Setting

The Blissfield Railroad Bridge stretches across the River Raisin, illuminating the night sky with a new dynamic LED lighting system from Coloronix.

This Blissfield Railroad Bridge built in 1907 by the American Bridge Company sits right next to a public highway making it easy for people to view.

Blissfield was a stop on the rail line, and the Erie and Kalamazoo Railroad helped bring visitors and prosperity to the area. It extended from the mouth of the Kalamazoo River at Lake Michigan to Port Lawrence, which is now Toledo. The first trip between Adrian and Port Lawrence was made on November 2, 1836. Horse-drawn passenger and freight cars were used initially, with the first steam engine beginning service in 1837.

The Old Road Dinner Train continues the elegance of railroad travel in the Blissfield area today. The Old Road Dinner Train is the longest continuously operating dinner train in North America.

It provides fine dining and a bit of mystery during trips that use vintage train cars from the 1930s, 1940s, and 1950s. Trips leave from the Blissfield East Train Depot on US-223, which is across the street from Blissfield's village offices. Beyond its railroad heritage, Blissfield has many other things to offer, including nice parks, antique stores, the River Raisin, and much more.

## A Turnkey Solution

**When the Blissfield Village Council approved wiring the Blissfield Railroad Bridge, paralleling U.S. 223, no lights were included.**

**In August of 2017 the city council hired Brint Electric of Adrian, Michigan to wire the bridge and install a power outlet to illuminate the bridge and the crabapple trees around it.**

**The council didn't purchase lights for the bridge at the time because they wanted options – some colorful options.**

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## That's where Coloronix came in to the picture

**Coloronix installed the Adjustable 15-LED RGBW Flood Light. The lights were supplied by Ken Johnson of Gustavo Energy**

**Mike Gunter, Blissfield Village Trustee and Downtown Development Authority Board Member, said**

*"We researched ways to light our railroad bridge for about four years. The Coloronix solution provided us enough power to highlight the structure from the river banks, and the ease of changing the colors for different events, holidays, etc. made it a successful investment for our village."*

The new and colorful light installation allows the region to showcase this historical Railroad Bridge, it reflects the creativity of the leaders of the community, and

creates new experiences for open spaces that are dynamic and functional.

**Tyler Dotson, Director of the Blissfield Downtown Development Authority and Economic Development adds that,** "Lighting the historic railroad bridge has been a goal of the Main Street program for several years. It enhances our downtown area while showcasing our local railroad and rich history. Creating places where people want to visit and spend time is an integral part of a strong local economy."

## Coloronix Product Used

### SS2-RGBW-8R-04

32W (4-LED) 1,100 Max. Lumen  
DMX direct via LCD display  
IP65



Multiple beam spreads  
Proprietary quick connectors included  
LED Die Colors: RGB+W  
Static Colors Available  
Using InternaMix™ proprietary technology, colors are efficiently blended together through an internal mixing chamber. The one-color output reduces unsightly views of isolated rainbow like striations and rainbows.  
Smooth and flicker-free dimming of all colors down to 1% using patented color mixing and dimming technologies developed at Philips Color Kinetics®  
3 Year Warranty

### SCC5: ColorRay™ Signal Receiver and Remote Control



Features: Wireless; Budget Friendly  
Electrical: Power Consumption: 1W; Power Connection: Hardwire;  
Power Supply: 12V DC 0.65A Included  
Control Properties:  
Protocol: DMX512  
Capability: Dimming, "LIVE" Color Mixing, Static Colors, Speed Control  
Data Out Connection: RJ45 Jack  
Max Number of Scenes: 6  
Dimensions: (W) 3 1/8" (L) 4 7/8" (D) 7/32" (Signal Receiver)

