

# Bridge Lighting



Rick Hills  
June 11, 2020

# Goals for Today

- Discuss How to Dress Up Your Bridges using LEDs



# Opportunity

- I am always looking for ways to add more interest to my layout
- Even nicely detailed bridges can be somewhat boring
- In the process of taking a train ride with Moe and Richard Hamlin on Amtrak to North Carolina a few years ago, we noticed many beautiful bridge displays in New York City as we passed thru

# Lighted Bridge Examples



# Led Bridge Lighting: Simple Solution

- There are now great solutions available from Evan Designs, my favorite pre-built LED vendor
  - I generally purchase my Evans LEDs through Trains on Tracks, an Evans distributor
- New Solutions:
  - 26 Light Strings in Soft White or Cool White colors for the broad horizontal spans
  - Individual 3mm or 5mm Colored LEDs for the accent lighting





# Installation Plan and Process to Date



Started with an MTH stock bridge

- 1) Add LED strings, one left and one right using super glue and accelerant
- 2) Add individual 3 mm or 5mm LEDs with Super Glue every three vertical stanchions, 5 each side. I will choose solid green.
- 3) Connect to 16-18 volt AC harness and you are ready to go

# Work and Results so Far



- Ordered and received 2 LED Strings in Soft White 18 Volt AC
- Ordered 10 Green LEDs 18 Volt AC
- Bought some great new super glue
- Installed **first** of the two Soft White 18 Volt AC Soft White Strings and tested
- Plan to finish remaining build next week and will share pictures when done!
- Easy project for a rainy day, under \$80, 4 hours labor