

# MEMRC PROJECTS

A/O: 3 OCTOBER 2024

## CURRENT PROJECTS:

1. **Enhance Landscaping:** Includes: (a) replacing and or repairing trees, bushes, walls, bridges, etc. where needed; (b) finish landscaping the new curved area below the large coal mine; (c) painting appropriate areas throughout the new 'Madison Yard'; and (d) finishing the oil facilities at the 'Inner Loop' siding on the south arm of the layout.
2. **Monitor and Correct Any Wiring Problems:** Includes: (a) the Command Station connections and the PM42 Power Managers board; (b) the LocoNet system; and (c) all power district buses and drops.
3. **Monitor and Correct Any Problems Caused by Power Routing Switches:**  
Isolate the switches by gapping the rails leading from the switches, and adding new buss drops to newly 'orphaned' rails.
4. **Fix/Replace Any Problem Switches and/or Switch Position Indicator Lights.**
5. **Install Flashing Warning Lights Where Streets Cross RR Tracks:** Includes adding sensors to activate warning lights when a train approaches. Requires 12V DC power supply.
6. **Complete Installation of Working Crossing Gates:** Diagnose and fix lingering operating problems with installed Crossing Gates. May require installing additional sensors to insure gates work realistically.
7. **Replace Curtains With Doors & Solid Panels In All Areas Open to the Public:**  
Includes labeling on the doors to show contents of each area.
8. **Install Safety Lighting In All Walk Around Areas For Night Time (Overhead Lights Out) Running:** Add new lights as additional solid panels are added (see project #8, above).

## **FUTURE PROJECTS:**

- 1. Organize the Storage Areas Under the South and North Legs of the Layout:** Design better storage facilities that better organize the supplies, and clearly label the stored items and/or groups of items. Includes getting rid of items no longer worth saving.
- 2. Install Lights and Passengers in Club Owned Passenger Cars:** Open car tops; install passengers scattered throughout the car; install wheel power pickups; install light strip and connect it to the wheel power pickups.
- 3. Install Turnout Direction Indicator Lights for Switch #59 and Other Switches**  
**Needing Them:** Assemble the lights; install them; and wire them to a 12V DC power supply.
- 4. Install Appropriate Lighting Fixtures in the Glen Carbon Junction Area, over to the Coal Mine Area and Along the Tracks Leading to Granit City Steel:** Purchase additional railroad yard lights as needed; connect the appropriate resistors to the lights; install lights and connect them to a 12V DC power supply.
- 5. Replace Light Bulbs Used for Lighting Buildings With LEDs:** Disconnect present light bulb connection in each building; pull out old wiring; run new wiring as needed and connect to new 12V DC power supply.