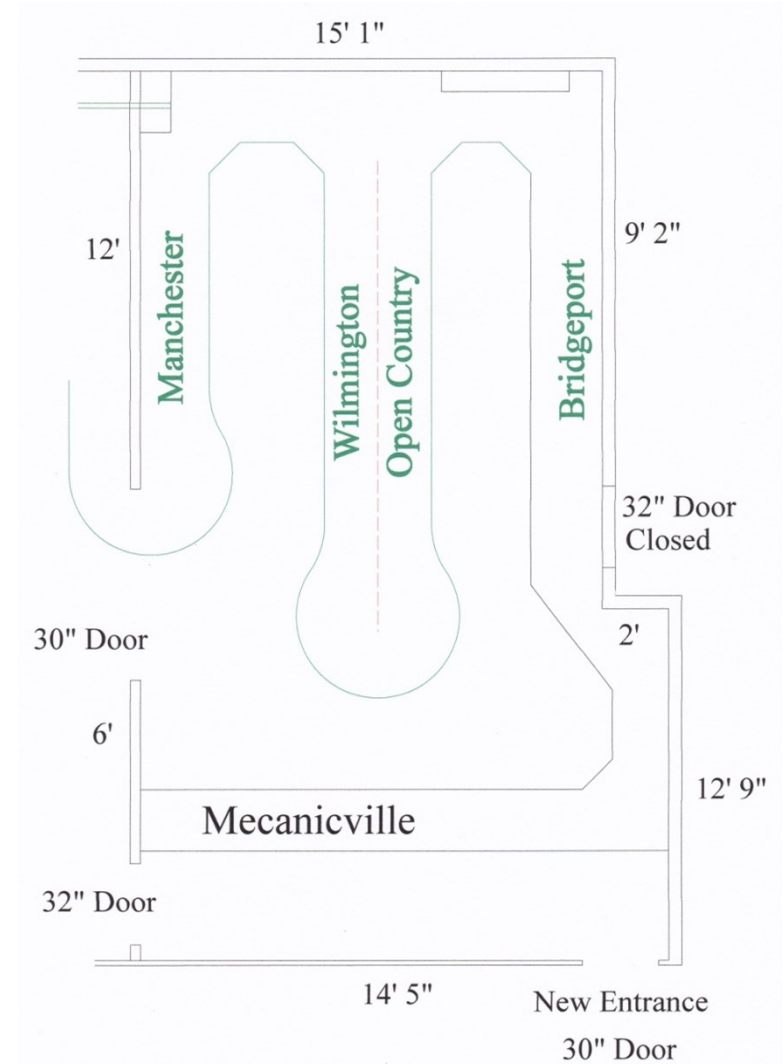# NWV EXPANSION PROJECT

PHASE II
STATUS REPORT & DISCUSSION
April 24, 2024

Expansion Overview

Project Scope:

- Combine Two Rooms

- Establish Dispatcher's Desk

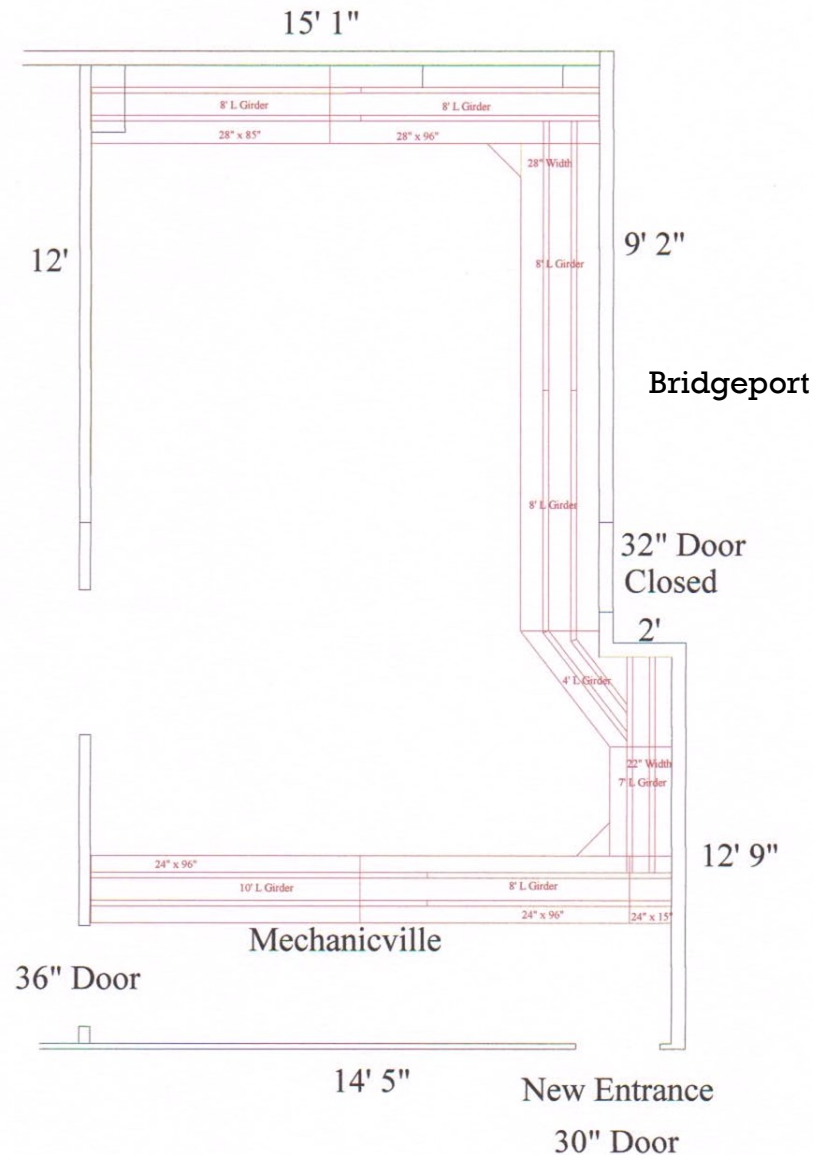- Add Three New Towns

- Increase Mechanicville Yard

Construction: Phase I

- Goal
  - Room Modifications / Wall Removals
  - 120 V Electrical Re-Routing
  - Change Layout Room Entrance
  - Add Dispatcher Area
- Completed
  - July, 2023

Expansion Area Phase II

Phase II Scope
Colored Area
Bench Work & Track

Construction: Phase II

- Goal
  - Relocate & Expand Mechanicville Yard
  - Connect Yard to Existing Layout
  - Build Bench Work Area for Bridgeport

Construction: Phase II

- Status
  - New Mechanicville
    - 10 Tracks Plus Two Run Around Tracks
    - 14 Tortoise Switch Machines
    - 2 Control Panels
    - New Yard Throat – 4 Tortoise Switch Machines
    - Work Complete
  - Connecting Bench & Track Work
    - ½ of Bridgeport Bench Work In Place
    - Additional Bench Work Frames Started

Mechanicville Panel

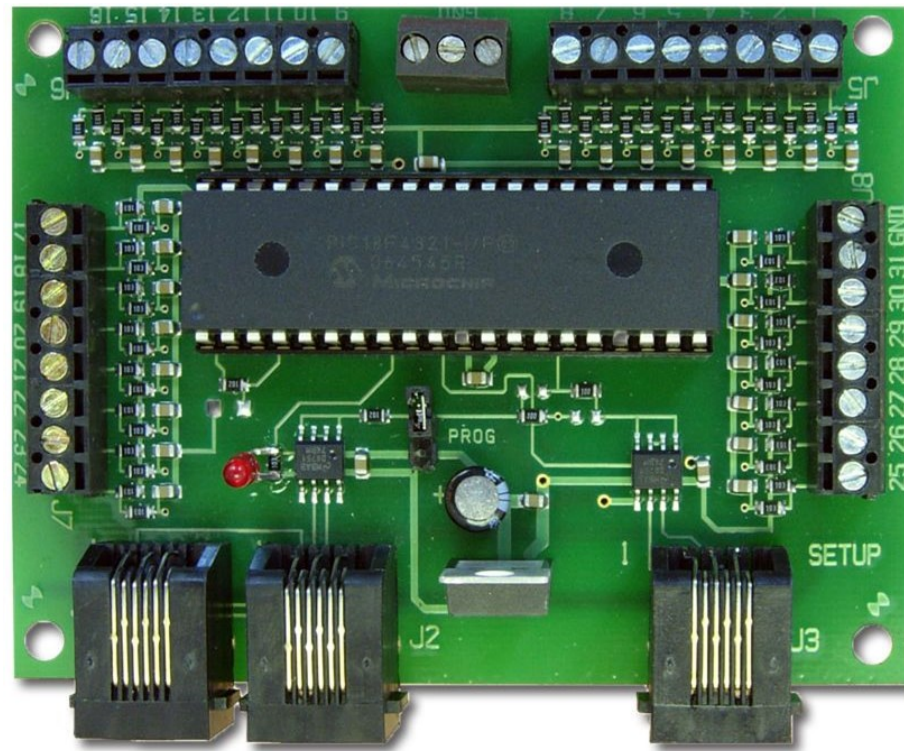2 Copies - Inside / Outside
Version
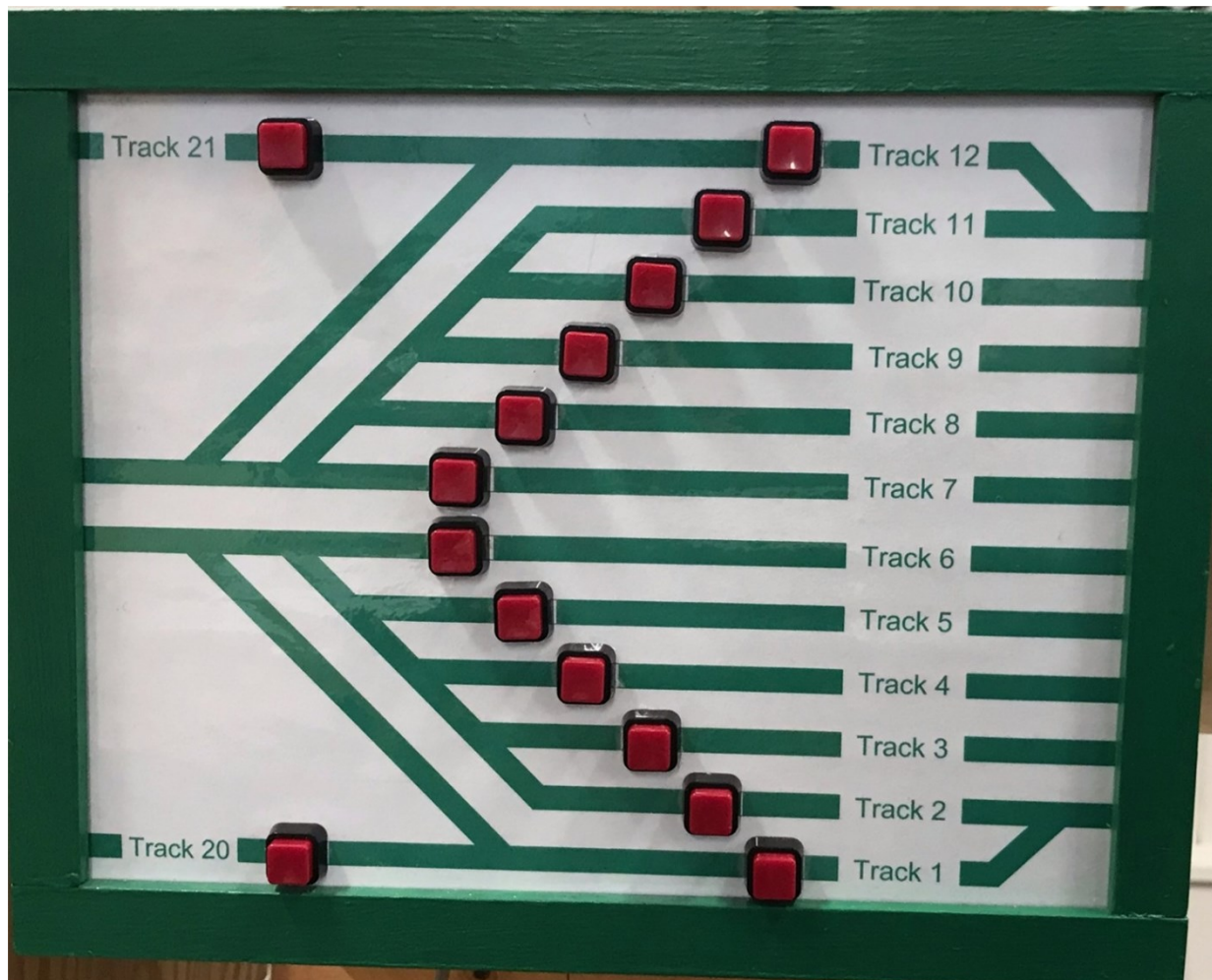
Mechanicville Control

NCE Mini Panel – 2 Copies

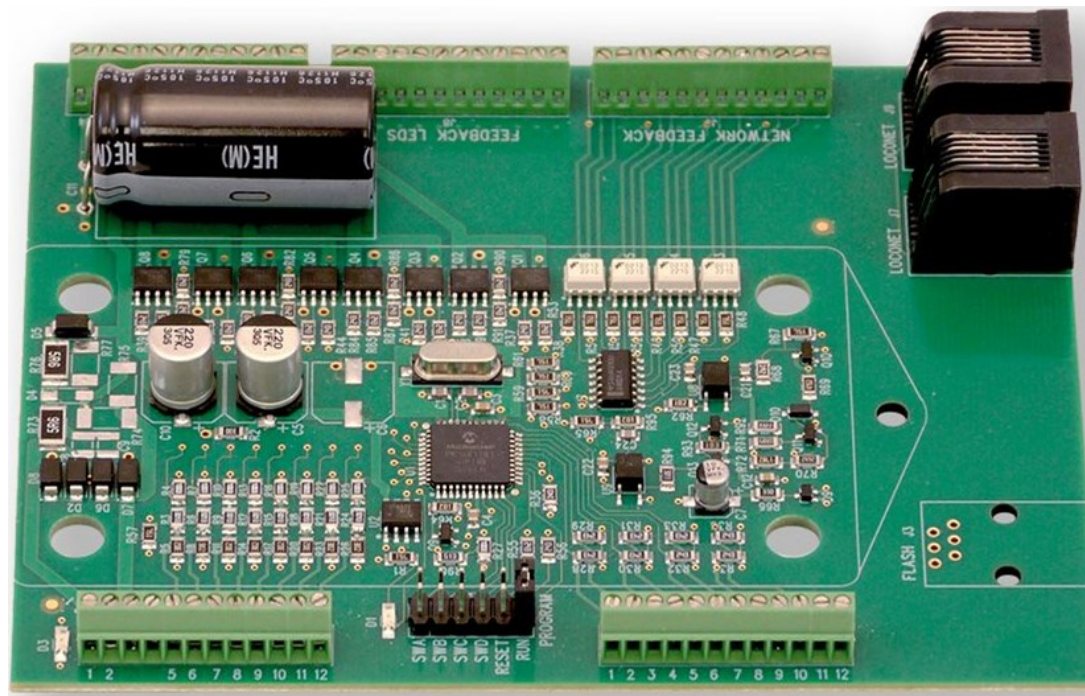## Generates Turnout Commands

Mounted Behind Each Control Panel
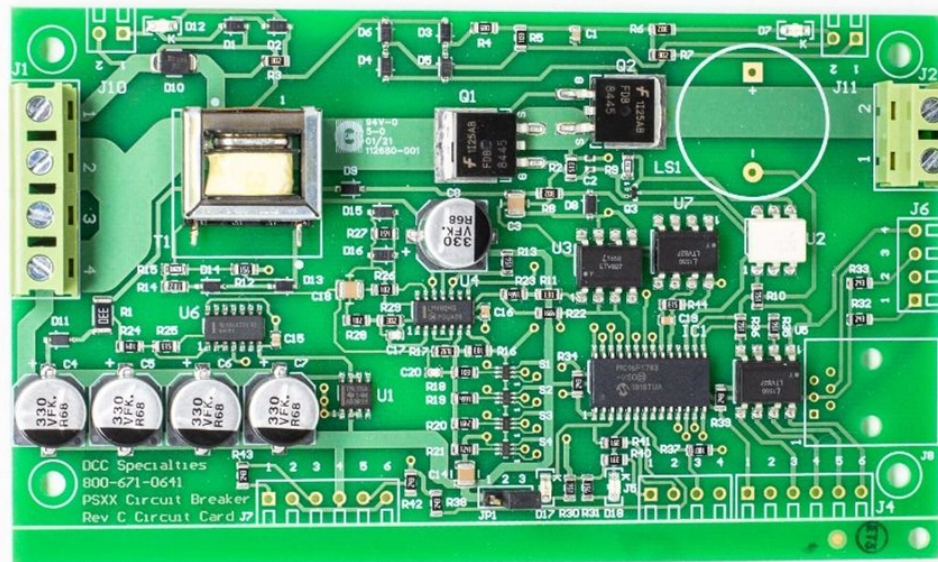
Mechanicville Control

DCC Specialties Jack Wabbit – 3 Copies
Received Commands => Drives Tortoise Machine

Mounted Under Mechanicville Yard

Mechanicville Control

DCC Specialties PSXX Power Shield – 1 Copy

Mounted Under Mechanicville Yard
Isolates Turnout Controls From Track Power

Phase II - To Do List

- Shut Down Operations
  - Month of May Plus?
  - No Operations for 4 to 6 Weeks
- Connect Bridgeport to Main Layout
  - Build & Install Bench Work
  - Lay Track
  - Wire Track & Command Bus

Phase II - Follow Up

- Post Operation
  - Additional Trackage / Structures / Details
    - Mechanicville & Bridgeport
  - Ballast Track
  - Paint Rails

Construction: Phase III

- Goal
  - Develop Bridgeport Town Details
  - Build Bench Work / Track for Manchester
  - Build Bench Work / Track for Wilmington
  - Build Bench Work / Track in Open Area

Additional Comments