

# W&N LAYOUT TOUR

Dave Husman  
Western Heritage Div  
Dec 5, 2020

LIPPINCOTT'S MAGAZINE ADVERTISER.



## The Model Railroad of America

Perfect Construction,  
Superb Equipment,  
Able Management.

THE LINE BETWEEN

### Philadelphia and New York

is conceded by eminent railway authorities to be the finest piece of railroad in America.

THE ROYAL ROUTE

BETWEEN

### Philadelphia and Atlantic City

is famed for the quick and efficient movement of its trains.

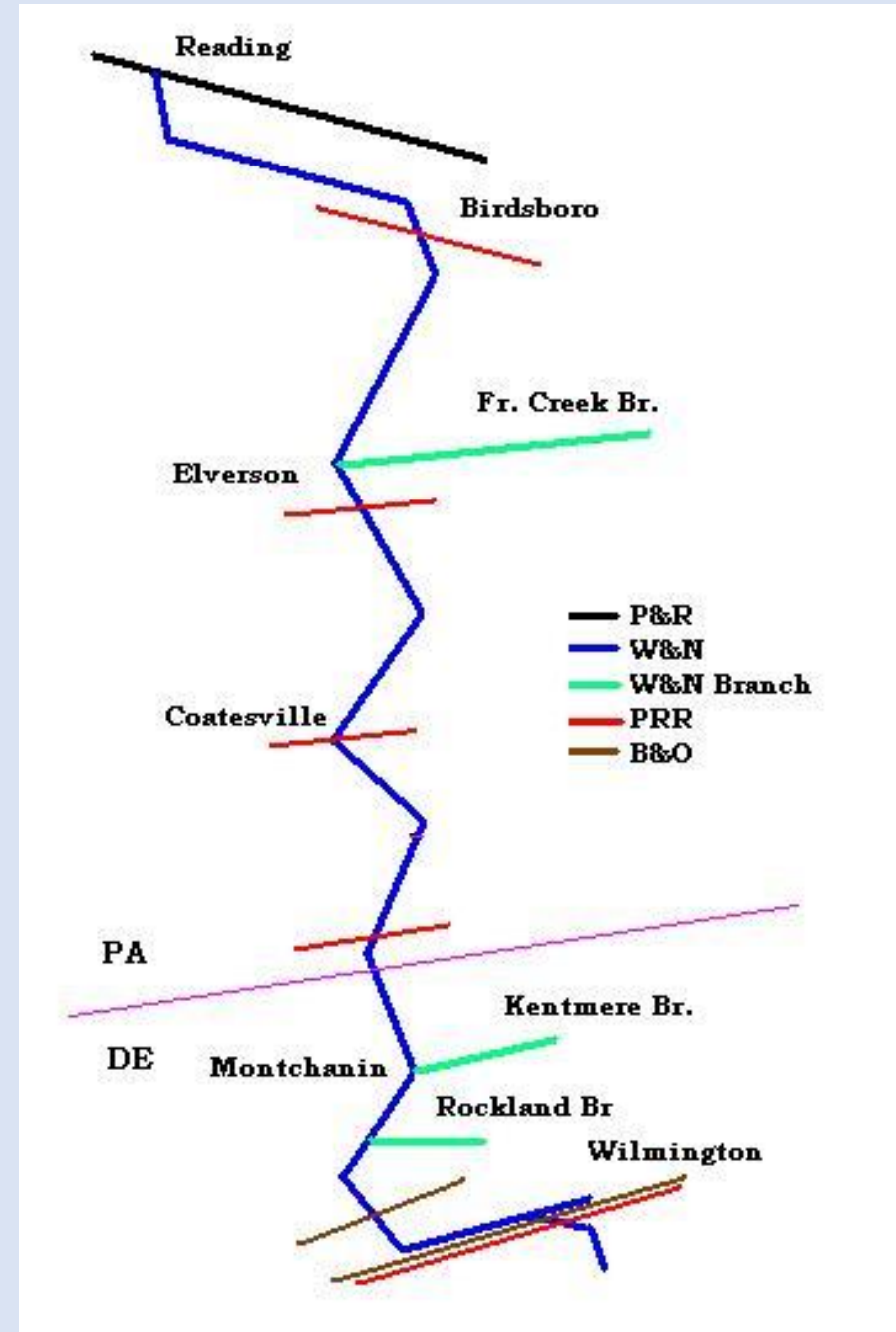
THE READING is the favorite route for all points in Interior Pennsylvania.

I. A. SWEIGARD,  
General Superintendent.

C. G. HANCOCK,  
General Passenger Agent.

# Prototype

- Built 1870's from Wilmington, DE to Reading, PA
- Leased by P&R in 1895 and purchased in 1900
  - Model 1900-1905
- Major commodities were coal, iron and steel, stone and lumber
  - Port of Wilmington
  - Steel mills & foundries
  - Quarries
  - 5 PRR and 1 B&O interchange
- 1895 Prototype had about 30 engines
  - 8 psgr trains/day, average 3 cars each
  - 14 frt trains/day, average 25 cars each



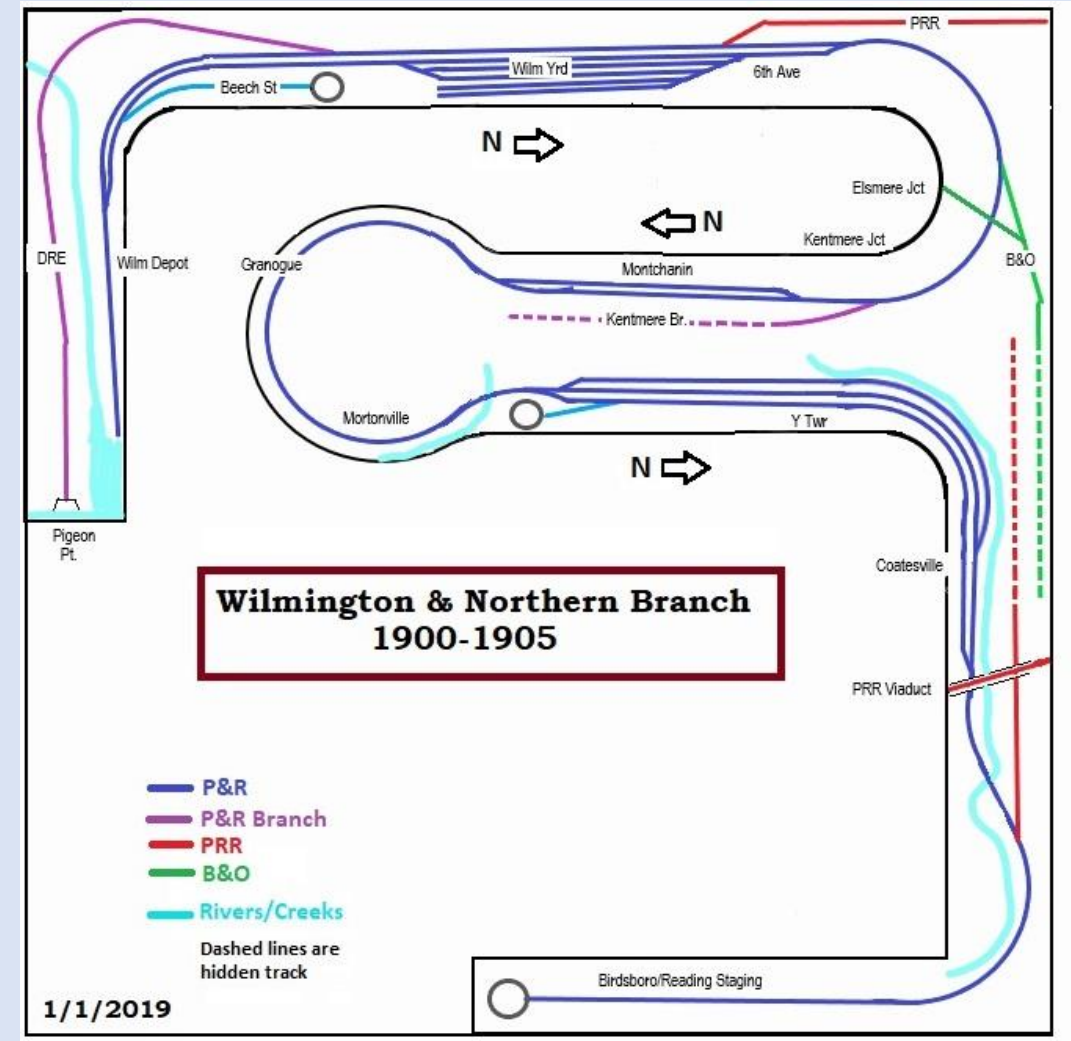
# Layout

- 24x24 room
- HO scale
- Code 55 and 70 handlaid track
  - #4, 5, 6 switches (about 95 built so far)
  - Pushrod switch controls
- 24" min radius, 27" Std radius
- 2% max grade
- NCE DCC
  - Tethered yard throttles
  - Radio road jobs



# Layout

- Phase 1 : Wilmington to Coatesville
  - DRE Branch
  - Kentmere Branch (via helix)
  - 80 ft main
  - Started 2015, in service 2017
- Phase 2 : Coatesville to Birdsboro
  - French Creek branch (via helix)
  - Reading Outer Station (via Helix)
  - 45 ft of main
  - Started 2019, est. in service 2021



# Layout

- 14 active engines
  - 4 – Mantua 0-6-0 camelbacks
  - 6 – Roundhouse 2-8-0
  - 1- Roundhouse 4-4-0
  - 2 – Bachmann 4-6-0
  - 1 – Bachmann 4-4-0
- 213 cars
  - 16 scratchbuilt
  - 27 resin and wood kits
  - 96 kitbashed
  - 74 plastic kits or RTR



# Operations

- CC&WB, Access DB (car tickets)
- TT&TO (low impact)
- Current positions
  - 2 switchers Wilmington
  - 1 switcher Coatesville
  - 2 road jobs (firt, psgr, locals)
- Ph2 adds:
  - 1 Birdsboro switcher
  - 1 or 2 more road jobs
  - Dispatcher

Form 5082 (Old No. 123)

*W&N* Car No 512

The Philadelphia & Reading Railroad Co.

FROM  
*Absecon, NJ*

TO  
*Coatesville, Penna*

Via *Coatesville*

CONSIGNEE  
*Worth Inbound*

Via \_\_\_\_\_

Lading *Sand*



# TAKE A RIDE ON THE READING!

No 7 Engine WN 18  
Due out Wilmington 1:10 pm

# WILMINGTON – KING ST





# DELAWARE RIVER EXTENSION



PIGEON POINT



# WILMINGTON – MARYLAND AVE



# WILMINGTON – BEECH ST



# WILMINGTON – HARLAN & HOLLINGSWORTH



# WILMINGTON – SIXTH AVE



# WILMINGTON – SIXTH AVE



WILMINGTON – SIXTH AVE





WILMINGTON – SIXTH AVE



SOUTH ←  
NORTH →

YARDMASTER



# ELSEMERE JUNCTION





KENTMERE JUNCTION



KENTMERE JCT

# KENTMERE



# KENTMERE – DUPONT GUNPOWDER WORKS



# KENTMERE – JP BANCROFT





# MONTCHANIN



# GRANOQUE



# GRANOQUE

DELAWARE



DECEMBER 7, 1787

STATE LINE

PENNSYLVANIA



# MORTONVILLE



# MORTONVILLE

# COATESVILLE



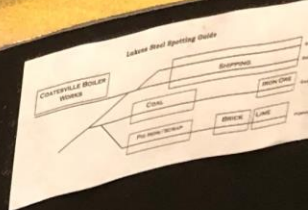
# COATESVILLE YARD



# COATESVILLE – WORTH BROS. STEEL



# COATESVILLE – LUKENS STEEL



BOILER  
FURNACE  
TOWER 1  
SHIPPING 2

# COATESVILLE





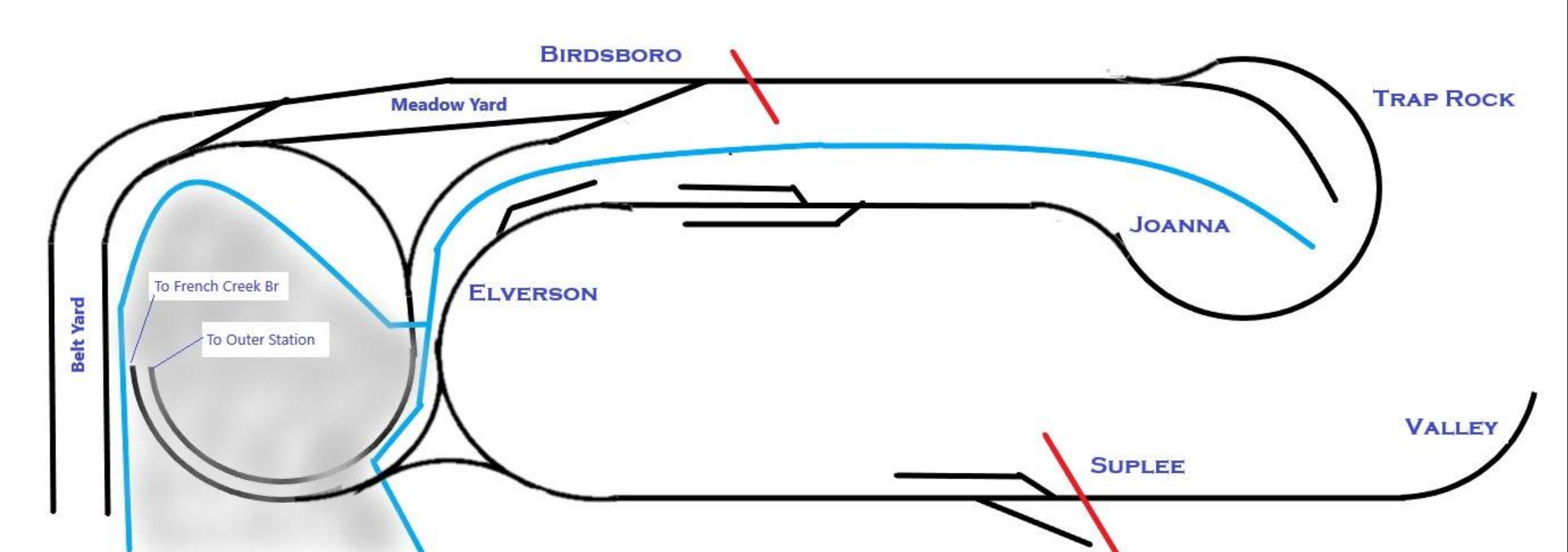
VALLEY



**BIRDSBORO – TEMP STAGNG**



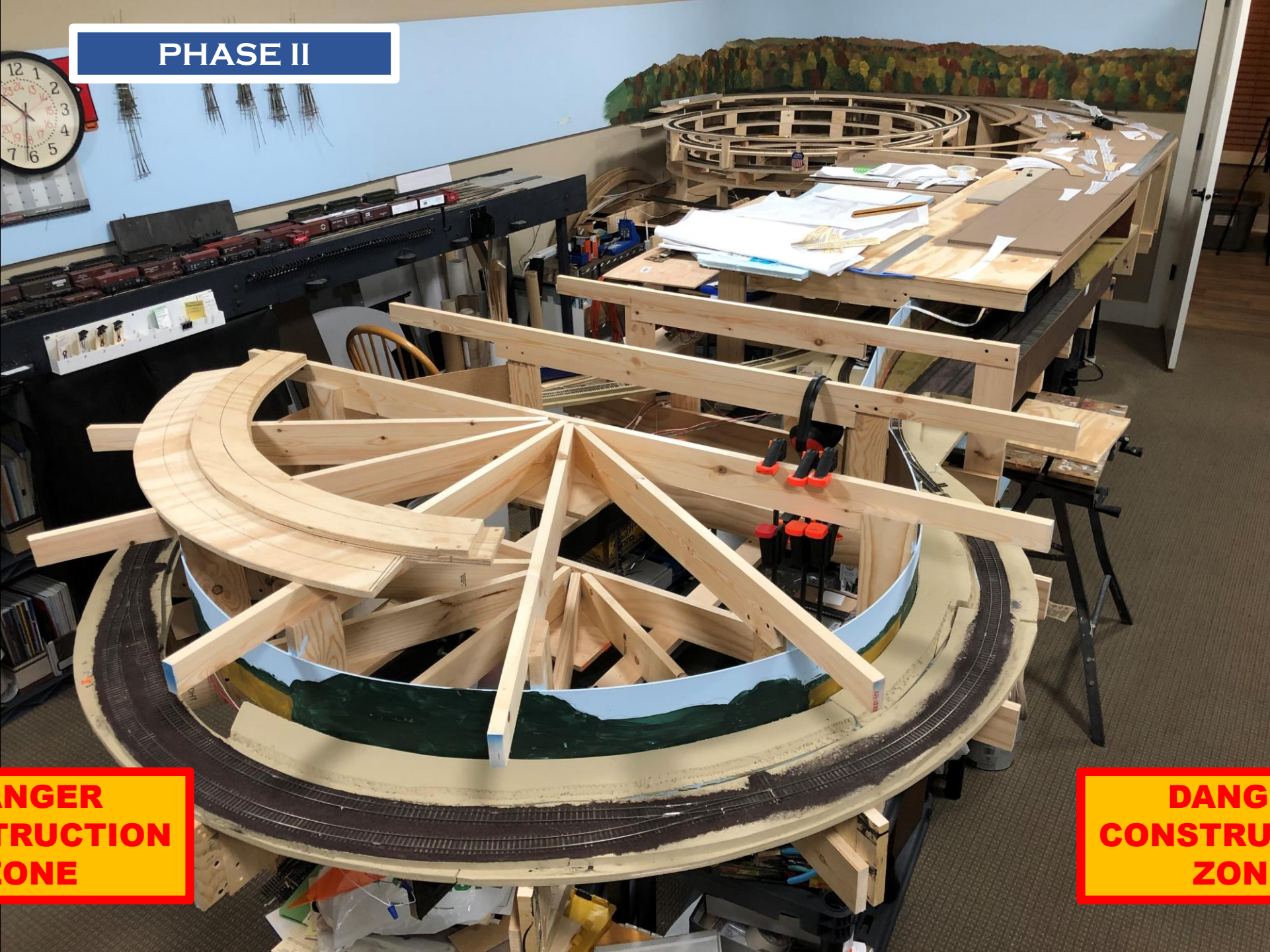
**PHASE II**



**DANGER  
CONSTRUCTION  
ZONE**

**DANGER  
CONSTRUCTION  
ZONE**

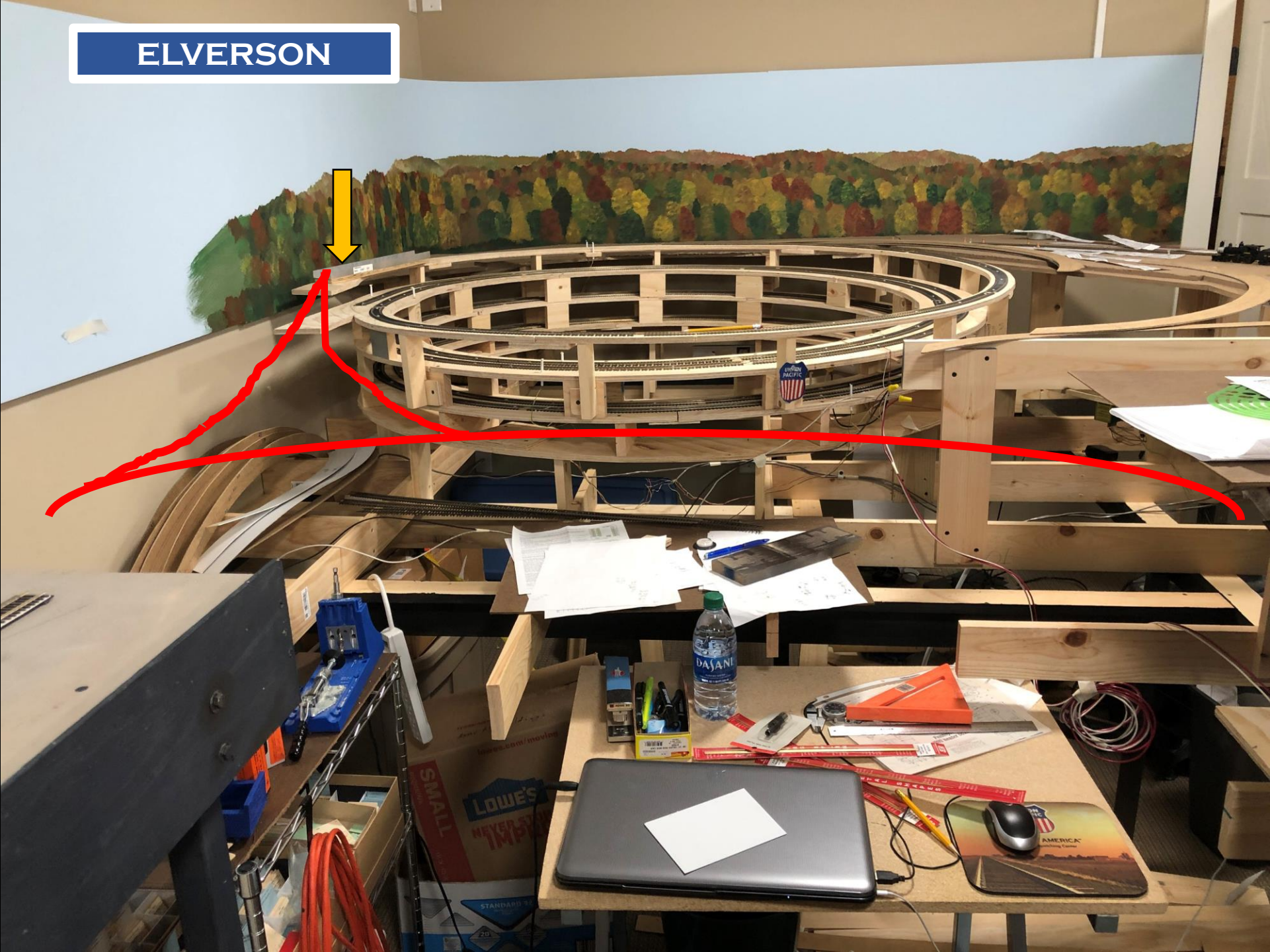
**PHASE II**



**DANGER  
CONSTRUCTION  
ZONE**

**DANGER  
CONSTRUCTION  
ZONE**

ELVERSON



# FRENCH CREEK BRANCH



# TRAP ROCK

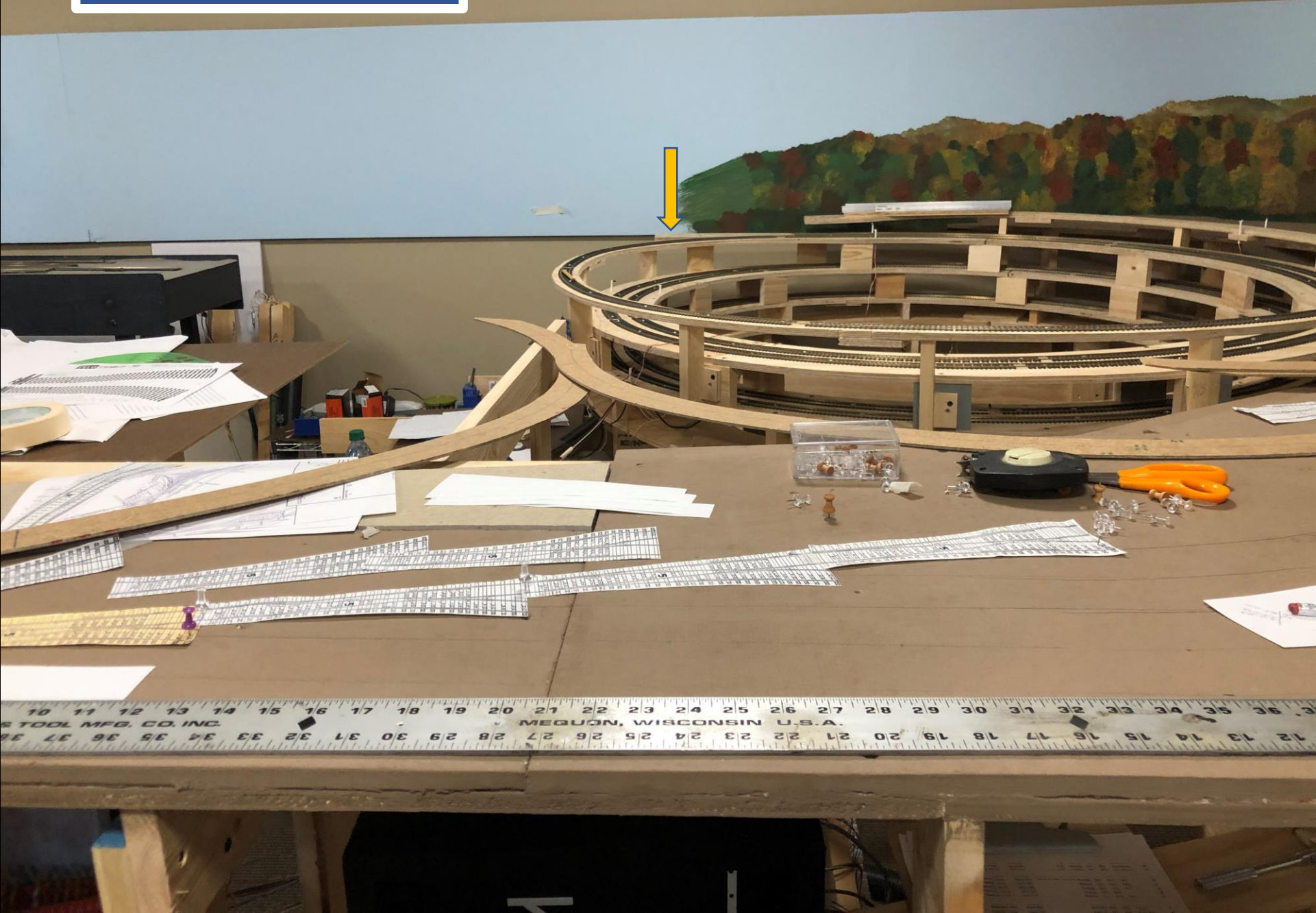


**BIRDSBORO**  
**11/25**





BIRDSBORO – WYE



# BIRDSBORO – BELT YARD



# READING OUTER STATION



BIRDSBORO  
12/4



BIRDSBORO  
12/4



BIRDSBORO  
12/4



QUESTIONS?