Excavating a Subterranean Station in HO Scale

BOYD MISSTEAR

METRO NORTH NMRA

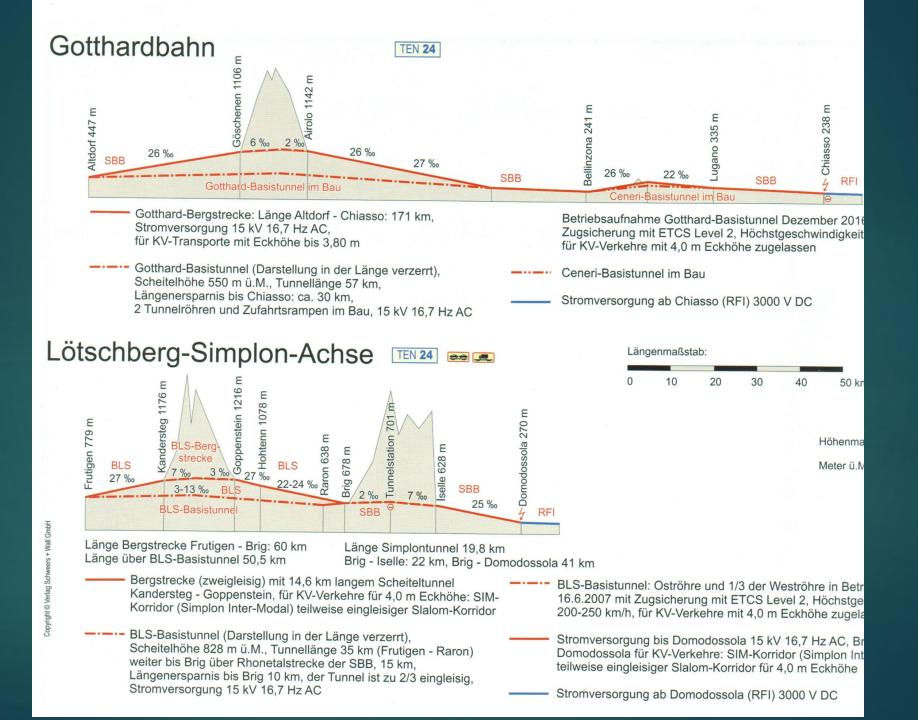
NOVEMBER 2ND 2019

Weston BLS Lötschberg Trans Alpine Context Diagram



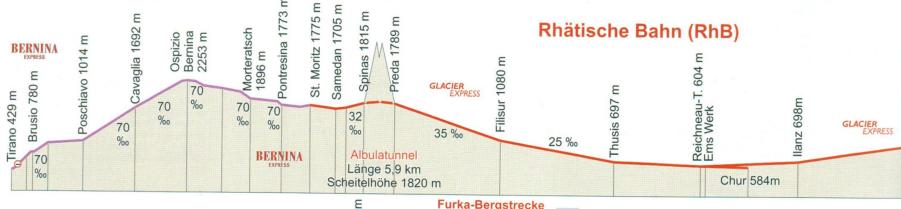






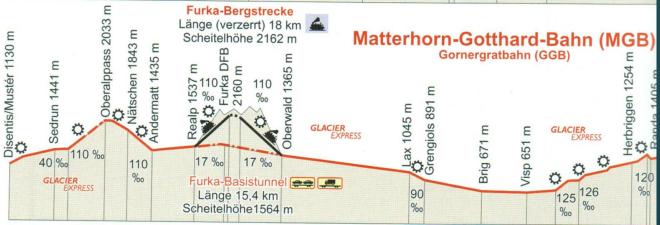
Bernina-Express- / Glacier-Express-Route

(Meterspurnetz Rhätische Bahn und Matterhorn-Gotthard-B

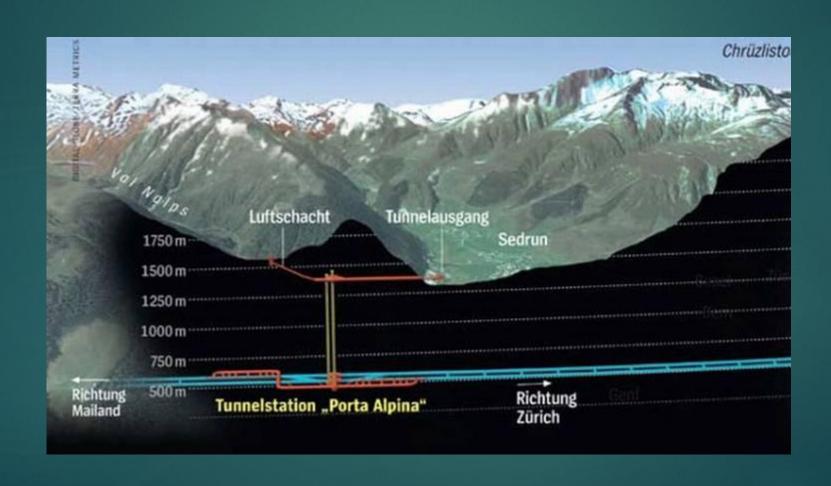


Streckennetz der RhB, MGB und GGB meterspurig, eingleisig.

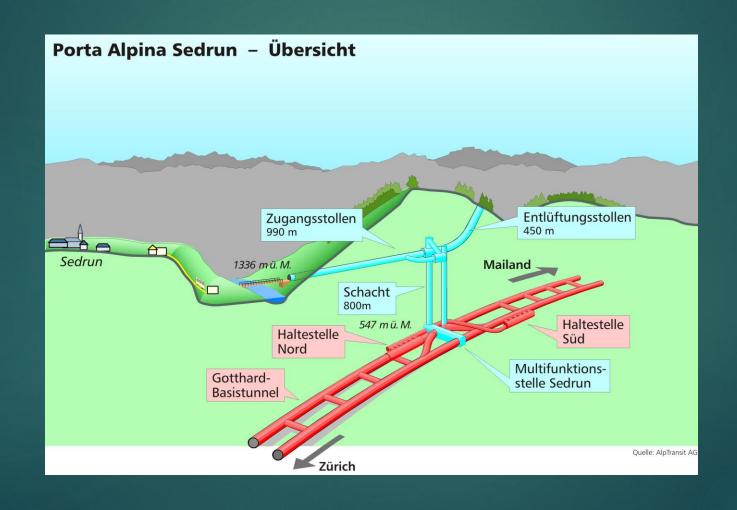
Ganzjährig durchgehende Züge Chur - Tirano (Bernina-Express) und St. Moritz - (Chur -) Disentis/Mustér - Andermatt - Brig - Zermatt (Glacier-Express). Autoverlad Furka-Basistunnel (Realp - Oberwald) bis 3,05 m Eckhöhe, Andermatt - Sedrun nur in der Wintersaison, Eckhöhe 2,50 m. Für Güterverkehr Chur - Ems Werk: dritte Schiene für 1435 mm, Stromversorgung 11 kV 16,7 Hz AC.



Porta Alpina – Geographical Access



Porta Alpina – Sedrun Access

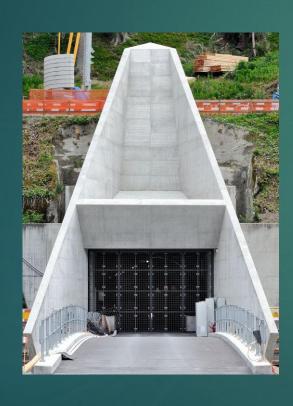


Gotthard Base Tunnel Porta Alpina & Access Tunnel





Sedrun Portal for Porta Alpina

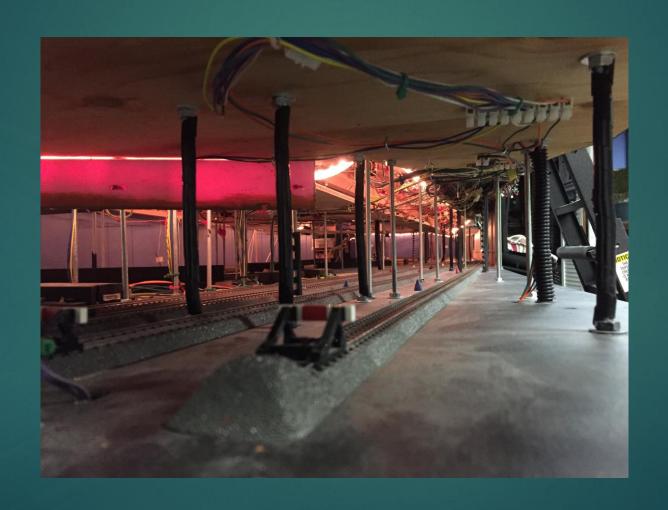




Modeling Inspiration abounds!

HOW TO INTERCONNECT TWO DIFFERENT LAYOUTS IN ONE VERTICAL 'STEP'!

1. Survey the intended station site



2. Prepare pine platform supports to size



3. Test positioning supports



4. Paint platform supports



5. Measure platform & backdrop foam board



6. Cut platform_backdrop_roof foam board to fit



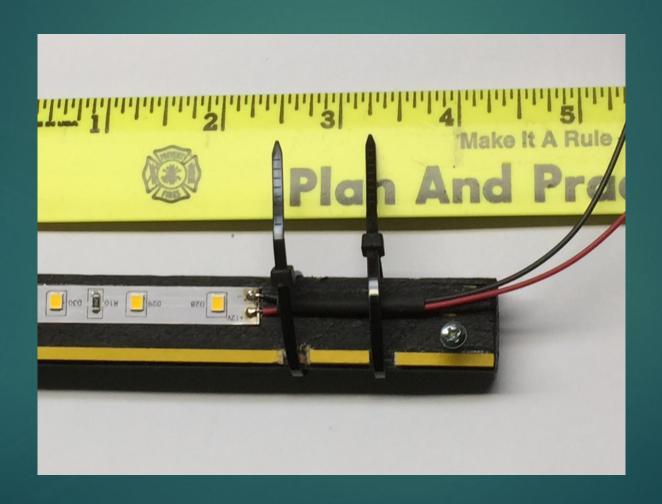
7. Attach platform foam board to supports



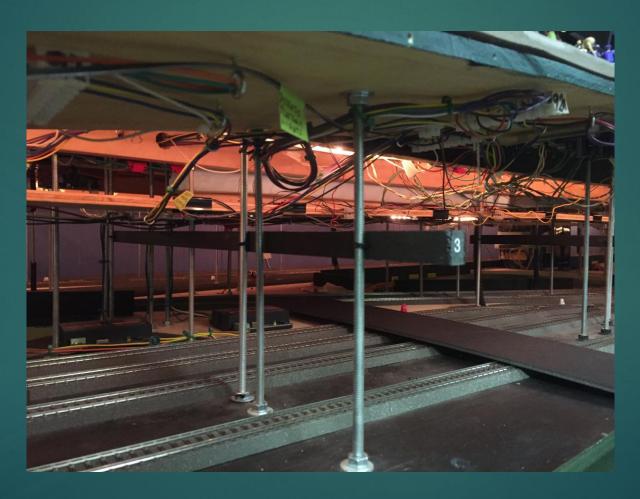
8. Prepare L- Shaped Basswood for lighting strips



9. Paint and attach LED to basswood



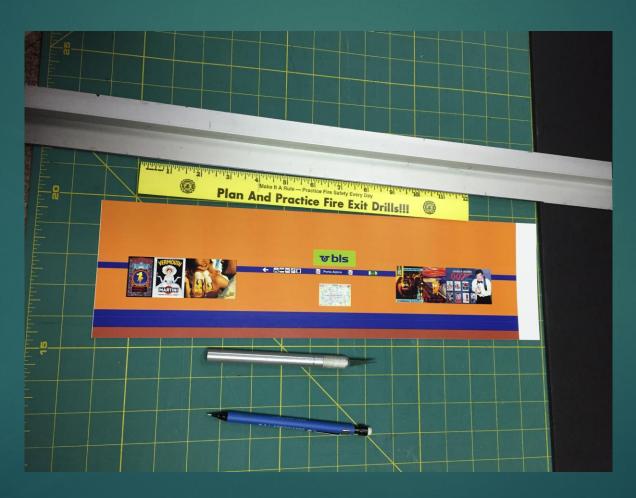
10. Prepare & install pine cross supports



11. Mount LED strips to cross supports and test lights



12. Prepare backdrop graphic files, print, cut to size



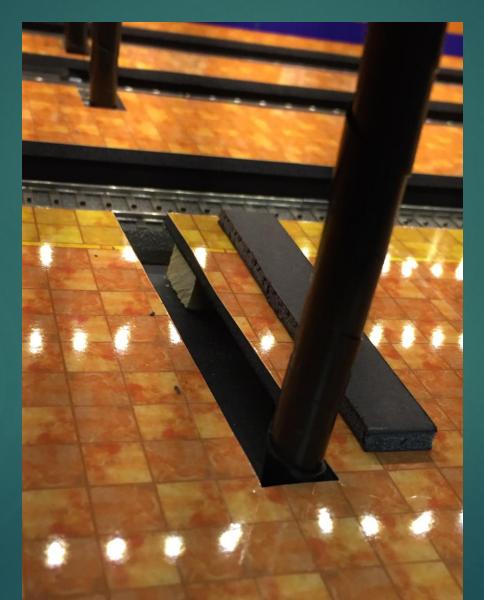
13. Attach platform & backdrop prints to foam boards



14. Insert backdrops and platforms



15. Complete platform inserts



16. Cover vertical supports & add signage



17. Add people and fixtures



18. Mount display sidings



19.Underground Porta Alpina Window A



20. Underground Porta Alpina Window B



Any Questions?

