

CR&B Railroad (Clark Bauman) – Layout Description for NMRA Surfliner 2024



More photos at: <https://www.flickr.com/photos/cz17/albums/72157624713618601/with/35830975625/>

Layout Description

The CR& B Railroad is a proto-freelanced 1960-1971 era HO scale railroad set in the Bakersfield / Burbank area. It is located in a 15' x 30' room (plus 9' x 6' in garage). The plan type is a double deck helix, walkaround style. Mainline length is 290'. Scenery is about 90% completed. Control is via CVP / CTI / Smartphone. The session pace is relaxed. Car forwarding is via JMRI operations. Dispatching is CTC and modified TWC with MMI on the CR&B. Mainline trains run through via computer control. See Flickr page for track Diagram with description of pike

Job Listing

All the jobs are for train crews. It can be a single person or two as conductor / engineer per train. None of the jobs follow a timetable or a set on duty time. Crew assignment / Dispatching is handled by either me or the CTC computer system. There is a 54” duck under to enter the train room.

CR&B Railroad train list

The CR&B is located on the upper level of the layout that is 59” high.

Arvin Turn – Cars are either in terminal or Bena Yard. Train is usually 7 – 9 cars and the work is in Lamont and Arvin with the cement / Beet / Reefer cars excluded.

Bena Job – Cars will be in Bena yard or Terminal, normally around 7 cars to be switched in Bena. Note: The Bena Job and Arvin Turn may be combined together

Reefer Turn – cars will be in Bena Yard or Terminal, around 12 cars and works the Bena / Lamont / Arvin Reefer business on the CR&B.

Cement Turn – Cars will be in Bena Yard or Terminal. Usually 15 cars and work is at Arvin Cement and the Beet Loader’s in Bena and Arvin.

Southern Pacific train list

All jobs are on the lower level of the layout.

Burbank Job – Cars are in Bakersfield Slide. Train enters CTC to go to Burbank as a turn and back to the slide when done., around 7-8 cars in train.

Branch job – Train enters CTC to Burbank then works North Hollywood and Van Nuys on the Burbank branch and continues on to CTC and then the Slide.

Bakersfield Reefer – Cars are in Bakersfield Reefer 4. Job performs Reefer work in Bakersfield and Burbank, usually around 12 cars, some of it in CTC limits. This job requires a 46” duck under in the garage portion of the layout.

Bakersfield job – Cars are in Bakersfield Freight and Cement tracks. This job services the Bakersfield area and requires using the 46” duck under in the garage portion of the layout.

There are 3 different Haulers that might run depending on the completion of the above Jobs

The Bakersfield Slide hauler between Bakersfield slide and Terminal. This job hauls the Burbank and Burbank Branch area cars to and from Terminal

The Bakersfield Yard hauler between Bakersfield Yard and Terminal. This job hauls the Bakersfield area cars to and from Terminal.

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The Beet job out of West Yard that services Bena Beet Loader, Rexford Farms and back to West Yard.

Below is a sample of the Switch List / Track charts that are used.

CR&B - Southern Pacific

Train - Arvin Turn Engine: CRB 6
2/23/2024 17:49

Wheel Report

- P SP 347785 B 024
- P RI 131374 H 030
- P SSW 79789 H 034
- P GATX 30903 T 037
- P GACX 47112 H 049
- P USLX 1712 B 059
- P UP 451360 B 087
- P ATSF 307173 H 100
- P SUNX 2607 T 113
- P GN 171880 H 144

BENA (BE)

LAMONT (LA)

- P NP 76844 H 23 Consolid
- P TLDX 7415 H 23 Consolid
- S RI 131374 H 23 Consolid
- S ATSF 307173 H 23 Consolid
- S UP 451360 B 24 Gallo
- P POTX 2023 T 25 Gallo
- S GATX 30903 T 25 Gallo
- P SP 403041 H 26 Pillsbury
- S SSW 79789 H 26 Pillsbury
- S SP 347785 B 28 Purina
- P SUNX 2610 T 29 Texaco
- S SUNX 2607 T 29 Texaco

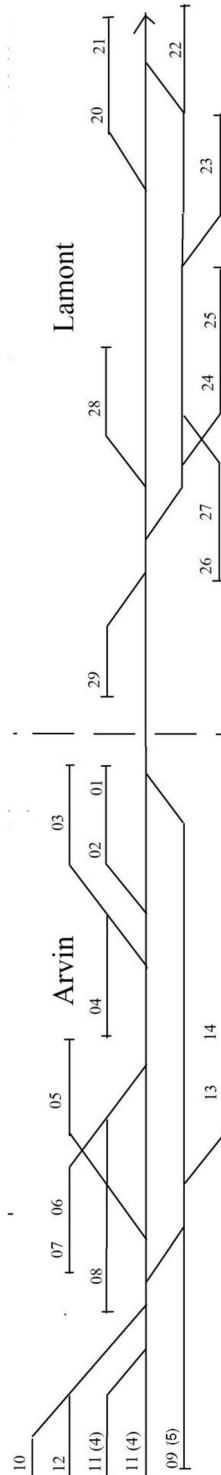
ARVIN (AR)

- P SP 698501 B 03 Valley L
- S USLX 1712 B 03 Valley L
- P SP 69642 B 04 Coke
- P WPRX 95954 B 10 A Freight
- P CNW 180053 H 14 Team track
- S GACX 47112 H 14 Team track
- S GN 171880 H 14 Team track

BENA (BE)

Wheel Report

- S NP 76844 H 024
- S WPRX 95954 B 035
- S SP 403041 H 039
- S SUNX 2610 T 065
- S POTX 2023 T 087



S SP 698501 B 092
S CNW 180053 H 112
S TLDX 7415 H 129
S SP 69642 B 152

I can either Email to you as a text without the chart, use the JMRI conductor / manifest function on a Smart Phone that I supply (without chart), on smart phone with chart, or 1 page paper as seen above. BTW, the list is formatted P/S for “Pull” or “Spot”, Road, number, type, 2 or 3 digit track number as seen on chart, then track name. If there is a “M” instead of the “P or S” then that indicates a local move and a from then to location will be shown. Cars found at the location but not on the list are considered “hold” cars.

The “Wheel Report” numbers are the storage track identifiers in Terminal that are for me to use. The 1st wheel report will be in the correct standing order of the cars. The 2nd is up to you, it does not need to be in the order listed.

I only use Smart phones as throttles

I can hear the “I want the knob and toggle switch”

Try the Smartphone with the features I use. In use you will need to only press the “Notch+” once or twice to reach the desired speed, each time reliably the same speed. Braking distance is reliable as well and makes for a more realistic experience.

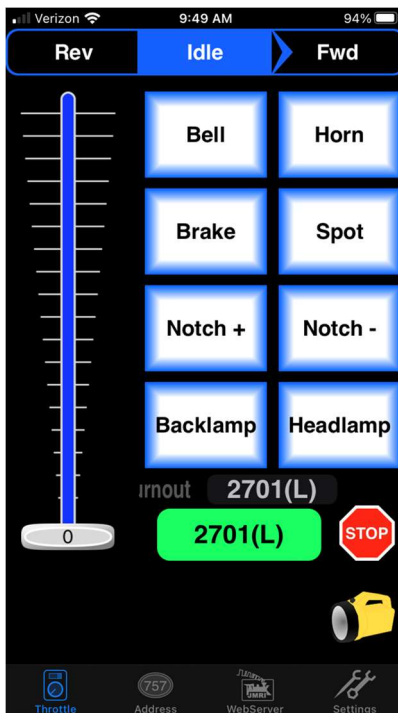


Image shows the layout of the function buttons. The speed slider should

not be used. Instead the notch buttons to increase / decrease speed. There is a lot of momentum built in so the Brake button is used to stop the train. Simply using the slider to zero or “notch –“ will cause it to coast down.

Braking to a stop, then releasing makes for a realistic coupling.

The “Spot” button will activate the Brake, come to a stop, wait 3 seconds, reverse direction and move off at a slow speed. The “Stop” button on the bottom will do just that when all else fails.

I supply the Android / Iphones. You can use your own if you want. You

need to have WiThrottle lite (free) or Engine Driver installed.

The phones are also used to request authority to enter CTC territory by 2nd page function buttons not shown in this image.

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Attached below are all the different Track Charts for the layout. Tracks that are not used for operations are not shown. The track numbers are on the switch list in front of the locations name.

