



Tucson Garden Railway Society

October 12, 2000

Submissions are requested for the TGRS Newsletter in the categories of RailRoad News and Tech-Notes. Articles should be submitted by **November 7, 2000**, send submissions to:
Email to: nbuchholz@noao.edu
Snail mail to: TGRS, 3401 W. Blacksill Dr., Tucson, AZ 85741

TGRS October 21st Meeting At The Beall's.

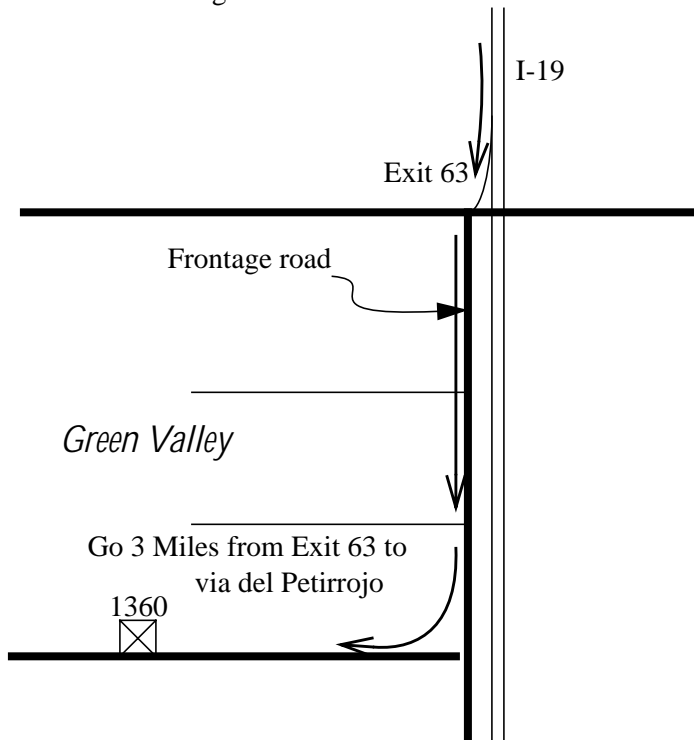
Where: Gene and Rosemarie Beall's house
1360 via del Petirrojo
Green Valley, AZ 85614

Telephone (520) 393-7063

Event list:

1000: Meeting at Gene and Rosemarie's House

Info: Go south on I-19 to Exit 63. Exit the Interstate and take the West frontage road about 3 miles to via del Petirrojo. Turn Right (West) onto via del Petirrojo and look for 1360 on the right.



Editor's Notes by Nick Buchholz

We have a busy month. The club meeting on October 21st and then the trip to Phoenix on the October 28th. We hope to see you all then.

NMRA Meet

The Arizona Division NMRA meet will take place on the weekend of November 4th and 5th. There will be Layout tours on Saturday the fourth and the meet on the 5th. The Meet will be at the Northwest Neighborhood center on north 6th Ave about two blocks south of Grant.

If you are interested in RR modelling you can see some great models in the contest room. Clinics are held before and after lunch and door prize drawings are frequent.

Come join other model railroaders at the Meet starting time is around 9:00 AM.

If you are interested in the layout tours contact me and I'll get you a copy of the map for the Saturday tours

Phoenix Round-About

The Phoenix Round-About will take place on October 28, 2000. We will assemble by 8:00 AM at the south west end of the Foothills Mall parking lot. The Bus will leave **PROMPTLY** at 8:00 AM so be there on time. We will be seeing about ten layouts from the Phoenix club members. They have planned for a dinner as well. The bus will return after dinner. We won't get back until around 9:00 PM so plan accordingly. This should be a fun trip. Be Warned there will be a Railroad Trivia quiz during the bus ride.

TechNotes by Nick Buchholz

I got a few pieces of info the other day when looking for track standards If you're having derail problems check these dimensions. The following are used by the Gauge 1 Model Railroad Association (G1MRA).

Track Gauge -	Ideal	1.772 (45mm)
	Minimum	1.750 (44.45mm)
(by extension)	Maximum	1.793 (45.55mm)

Wheel specs - Back to back Distance 1.574 (40.0mm)
 No tolerance given on this but plus or minus 0.0197 (.5mm)
 is reasonable to expect.

Flange Thickness .0591 (1.5mm)

Note most of our wheel flanges are thicker

Flange Height .076 (2mm)

Includes the tread taper, again most of our flanges are much taller.

Tread width .177 (4.5mm)

Wheel Thickness .236 (6.0mm)

Rail Height is spec'd at 5.5mm or just 0.216 ". We use 8.4mm or 0.332". And these aren't even the fine scale specs which use 0.197" rail! So the next time you have track problems thank your lucky stars you have it so easy

The Tucson Garden Railway Society is a non-profit corporation incorporated in Pima County in the State of Arizona. The society members are interested in all areas of garden and modular large scale model railroading. We welcome new members and hope you will consider joining. Members help each other build layouts and learn about railroading and modelling.

The TGRS dues are \$30.00 per year and are due on June 30th of each year. For new members dues are pro-rated at \$2.50 per month remaining in the year until June 30th plus a 15\$ initiation and processing fee the first year. Additional name badges cost \$5.00 for each badge after the first.

If you are interested in the TGRS please contact one of the officers at the phone number listed in the Calendar section. If you just *have* to join immediately, send a check and your name, address and telephone number and the names for any additional badges to: Dick Izen 12356 N Mount Bigelow, Oro Valley, AZ 85737 or Jon Anderson, 4080 E. Bujia Segunda, Tucson, AZ 85718

CALENDAR OF EVENTS

- OCT 21 - TGRS Meeting at the Beall's - 1000 - in Green valley see you all there.
- OCT 28 - Phoenix Layout Tour - Bus leaves at 0800 from the southwest end of the Foothills Mall parking lot. Park at the outside edge of the lot near the southwest end of the mall.
- NOV 4-5 - GATS in Phoenix and NMRA Divisional Meet in Tucson
- NOV 18 - TGRS November Meeting - 1330 (1:30 PM) at the Springstead's
- DEC 17 - TGRS Christmas Party - 1400 (2:00 PM) at the Mechigian's

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