



Division Points

Indian Nations Division of the National Model Railroad Association

www.tulsanmra.org

Issue No. 44

September 2015

From the Superintendent

Hard to believe but I moved back to Tulsa almost 11 years ago, with that that last 10 I've been involved with the Indian Nations Division. Where else can a person interested in the hobby get together with their peers, discuss modeling, the prototype, how to's, share techniques, and just good old fashioned socializing. I can tell you if I wouldn't have gotten involved I wouldn't have had the opportunities to go and operate on layouts in the area, along with going to Dallas, Houston, NWA, Kansas City and extended invitations to attend other operating sessions. Our Tuesday Night round robin created from members of our division have also helped in creating friendships and getting to work on some world class layouts.

Our Division is a great place for modelers to get together, learn and have a good time lets continue that tradition and keep it going!

Please invite other modelers to join us and please help spread the word.

See you at the meeting!

Dave Salamon



Sept 19th Meeting

Show and Tell:

Open Tables - Bring Anything you want to share!

Clinics/Presentations:

NMRA's Vertical Integration—Jim Senese
My M&A layout, 5 moves in 44 yrs - Mike Condren
Smashboard Operations —Dave Salamon

Layout Visit

NONE



Upcoming Events in the Region...

Bixby Train Show

Sat October 3rd, 2015
9 AM – 3 PM

Bixby Community Center, 211 N. Columbus, Bixby \$3 admission

American Train & Hobby Show Broken Arrow

Sat Nov 28th through Sun Nov 29th in Broken Arrow
10AM – 4 PM

Ninowski Recreation Center, 1025 W. Kenosha (71st)
www.boxcar3.com

OKC Train Show

Sat, Dec 5th and Sun Dec 6th in the Cox Building of the OKC fairgrounds,
9 AM to 5 PM Sat, 11 Am to 5 PM Sun.

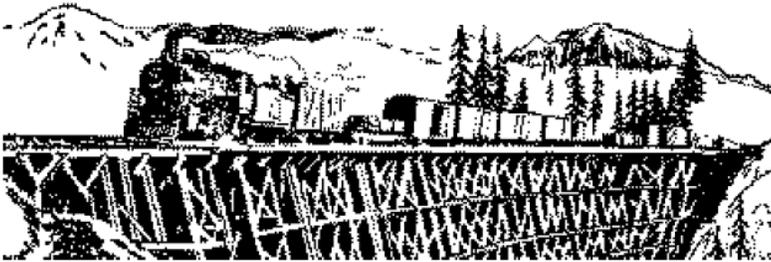
www.okctrainshow.com

2015 MEETINGS**September 19****November 21**Meetings are from **9:30 to 12:30**

Meetings in the Pecan or Maple Room

New Hardesty Library**8316 E. 93rd St.**

(Just East of Memorial on 93rd St.)

**INDIAN NATIONS****OFFICERS****Superintendent**

Dave Salamon

Assistant Superintendent

Charlie Tapper

Director

Jim Senese

Paymaster

Hal Blakeslee

Achievement Program

John Anderson

Larry's Question of the Month:

What is the highest operating freight railroad in use today the USA? What railroad owns the right-of-way? What is the height of the pass and what is the name of the pass?

(If you have a railroad question and answer that you'd like to ask of the group let Larry Munro know about it!)

Local Model Railroad Organizations**Indian Nations Division of the NMRA**

Dave Salamon

www.tulsanmra.org

918-272-5512

Oklahoma Narrow Gauge

Randy Smith

www.okng.org

918 - 366 - 7152

North Eastern Oklahoma N Scalers

Richard Fisher

<http://www.tulsa-neons.com/>

918 - 298 - 4800

Tulsa Garden Railroad Club

Dennis Sullivan

<http://www.tulsagardenrailroadclub.org/>

918-646-9334

Green Country Model Railroaders Association

Lynn Dietrich

<http://www.gcmra.org/>

539-777-4482

Claremore & Southern RR

George Kohlhofer

<http://www.csrailclub.com/>

918-638-0075

May Highlights

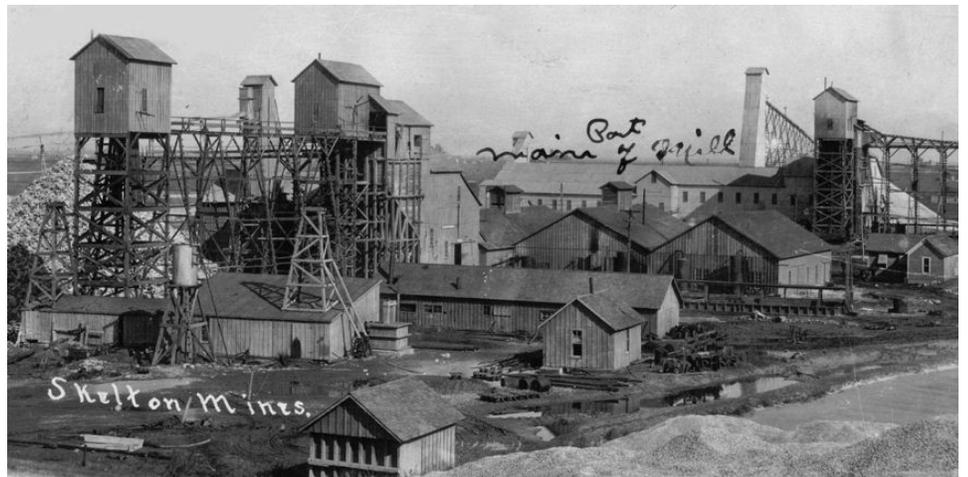
Oklahoma Lead Mine - Henry Townsend

Henry shared with us a little history on the lead mines in Picher, Oklahoma and how he scratch-built a typical mine including a blacksmith shop and office and all the details that were part of this diorama. More information on the lead mines can be found on this web page which has many pictures of the lead mines and the communities around them:

<http://schehrer2.homestead.com/index.html>



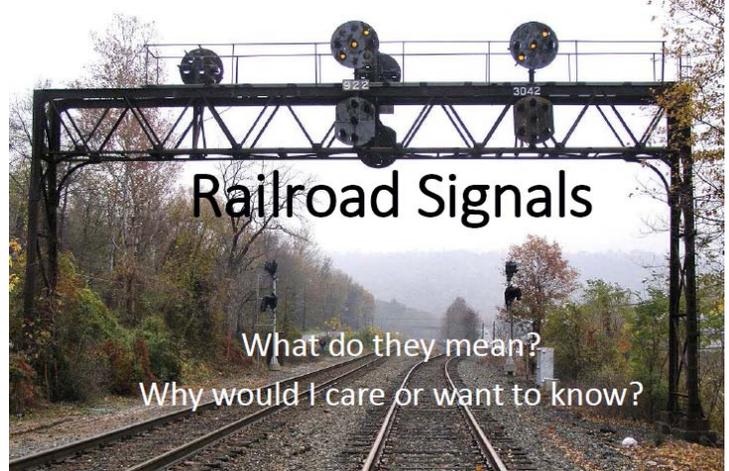
<http://www.miningartifacts.org/Oklahoma-Mines.html>



May Highlights (Cont'd)

Railroad Signals—Steve Davis

Steve Introduced us to signals, going back to the very beginning and then taking use the average modeler through with baby steps starting with ball signals, then sema-phores and then target signals. Showed examples of the prototype and where they are installed on his layout and how the different aspects work along with some pro-prototype videos. It was very informative and his presentation can be found out the www.tulsanmra.org web page under resources.



Highball!

Ball signals were an early form of signaling, both for traffic control and as train order signals. In either case, The ball being at the top, or up high, meant proceed past the signal. Hence the term "High ball".

Semaphores

Basic Signal Aspects

2-block aspects shown – add APPROACH MEDIUM for 3 – block protection.

Aspect	Name	Indication (what the train crew needs to DO):
	CLEAR	Proceed at maximum authorized speed.
	APPROACH	Reduce speed to Medium speed (per the RR timetable, often 30 MPH), prepared to stop at next signal. This means that the next block is clear but the block after that may be occupied or a switch is thrown against the train's movement so next signal is at STOP.
	STOP	Stop, do not pass unless authorized by the dispatcher. The next block is occupied or a switch is thrown against the train's movement.

Absolute vs Intermediate/Permissive



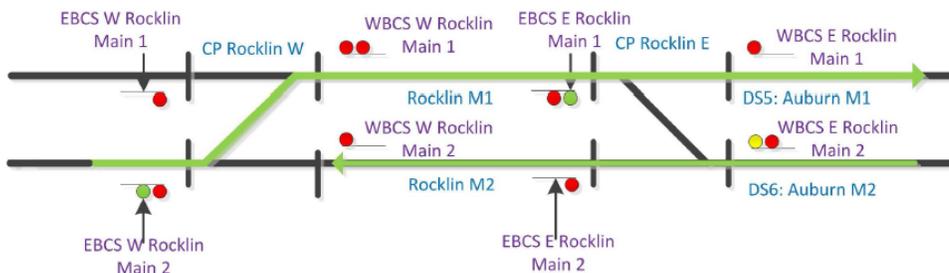
Absolute: "Stop and Stay". No number board, found at control points and interlockings.



Permissive: "Stop and Proceed." Typically found in ABS sections (note number board).

[Permissive signal video](#)

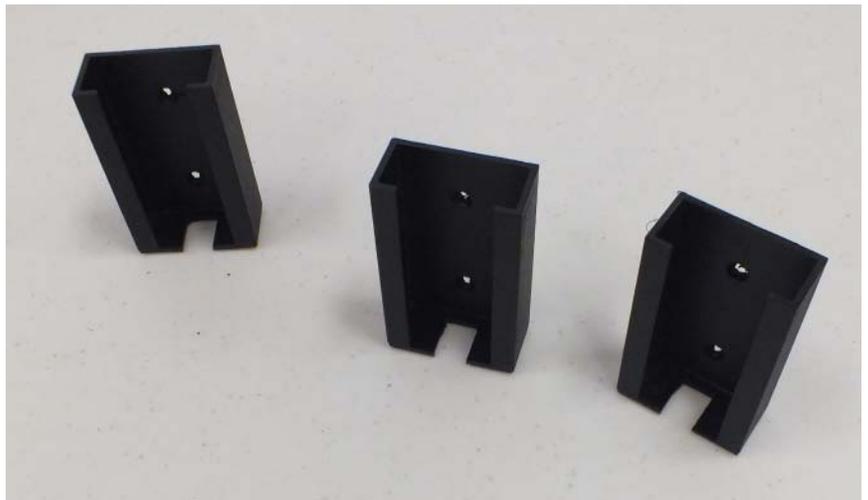
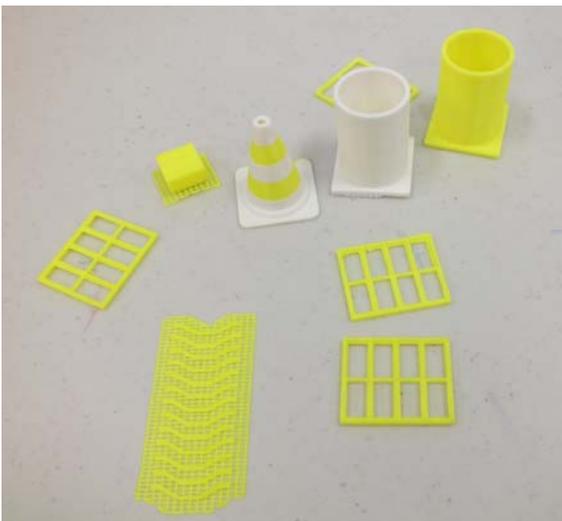
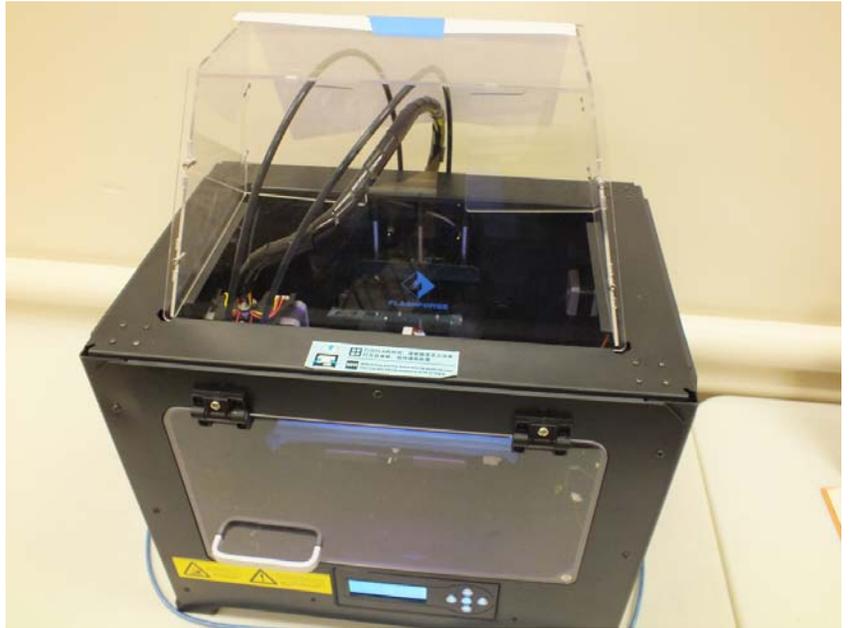
Rocklin



May Highlights (Cont'd)

3D printing - Allan Roecker

Allan brought along his 3D printer and had it printing an item up during the meeting to show how a very simple item that can be done.. He shared some more complex items that he has printed up and talked about the learning curve in using CAD and building the layers needed to print items. I myself have been lucky enough to have Throttle Holders on my layout which Allan drew up, printed and I installed on my layout and they fit perfect and are a great addition. There are multiple items that 3D printing will be useful in our hobby, there is already lots of items available from Shapeways for those entrepreneurs like Allan who draw these items up and make them available at cost. You can find details, shells, automobiles, freight cars, trucks...you name it you can probably find it. The good news is that they are always improving the 3D printers themselves and as more people get into drawing items even more will be available to the modelers.



Tony's Tips and Techniques

By Tony Burgess

The figure is one I altered from a Preiser set #10461. I cut the shovel off, removed the handle and smoothed out the clothing. I drilled some holes in the hands to accept the broom casting Brett supplied in the kit. After painting, I added a cap on his head, sculpted from squadron putty. I weathered the figure with some pan pastels, set the broom in place and got the guy to work cleaning up from a fresh load of coal. I want to thank Ken Karns for the stove and coal idea, originally I was going to put the stove in the office. This is most definitely a better place. The stove is from Wild West models, and the coffee pot is a SSLtd piece from a dinnerware set.





Last Run of the Cambridge Layout of Jim Ronda

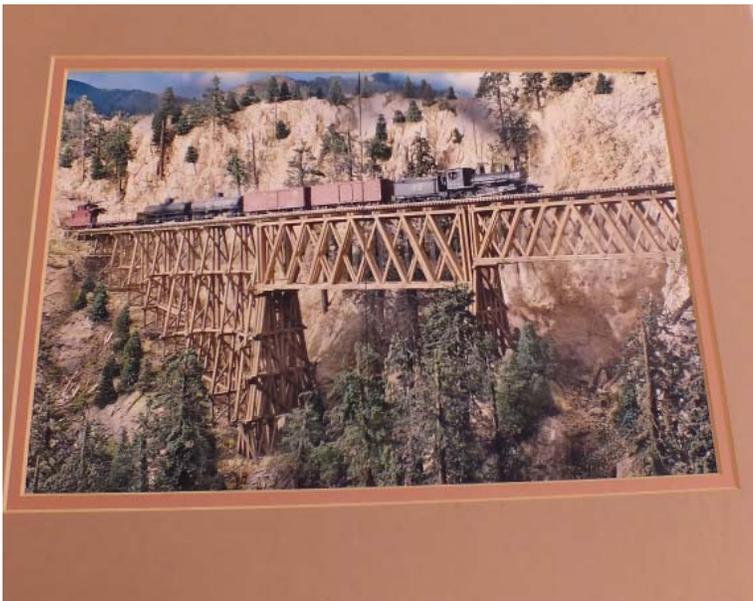
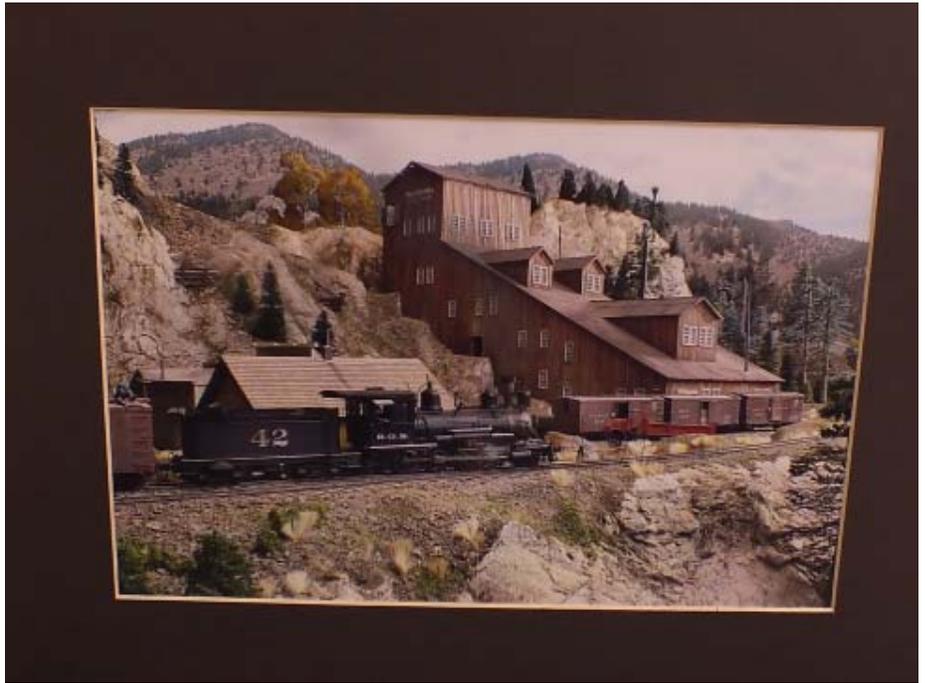




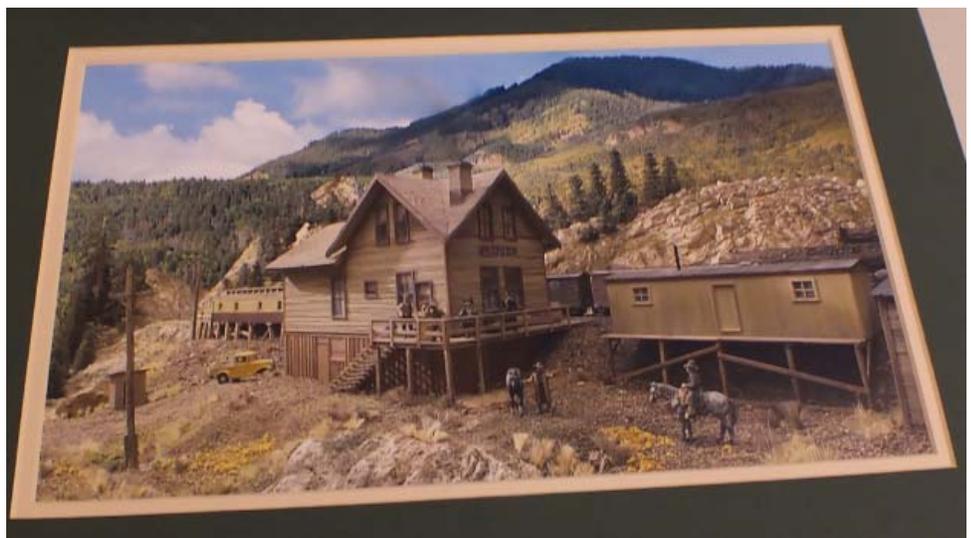
Last Run of the Cambridge Layout of Jim Ronda



Show & Tell



Ken Ehler's
Photos of his Sn3 Layout



Program: **Southwest Adobe Building**
Speaker: Vern Guess



Parts List:

- Base: 8" X 15 1/2" Plastic or Plywood
Building base size: 6 1/4" X 9 3/4"
- Field stone: #39 MO fieldstone 1/8" to 5/8" thick
#1272 2 + lbs pkg...\$10.00
Stoneworks www.rrstoneworks.com
- Woodstain: Weather-it (ages wood) 4 fluid oz
Top Shelf Hobby in Owasso
- Clay: air dry white clay...Takes 1 whole 10 lb box
Hobby Lobby
- Wood dowels: 1/4"...4 ft piece
- Glue: Titebond original wood glue, professional strength
- Roof: Luan wall paneling, thin plywood
2 X 2 or 2 X 4 piece Lowes
Grasslike floral #480301 1 pick \$5.99 Hobby Lobby
- Tile Grout: Tan...mix with hydrocal 50/50
- Rooftop water drains: drinking straw



Tools: 8" metal square, 6" torpedo level, utility knife, wooden rolling pin
2 pcs 1/4" X 1/4" wood (guides for thickness of brick) and butter knife
1 cup water



Show & Tell

Vern Guess

G Scale Adobe Building





Ed Bommer - O Scale Diorama

Show & Tell



Show & Tell



Ed Bommer - O scale Diorama



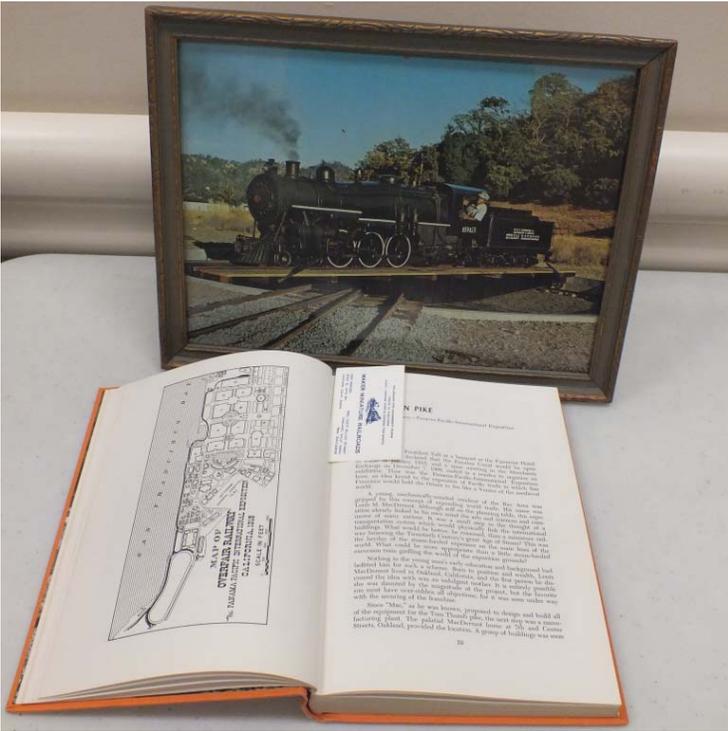
Show & Tell



Thomas McGuire —HO Rotary Plow under construction



Show & Tell



Dave Salamon

Picture of 19" gauge San Francisco Overfair engine and book of small railroads



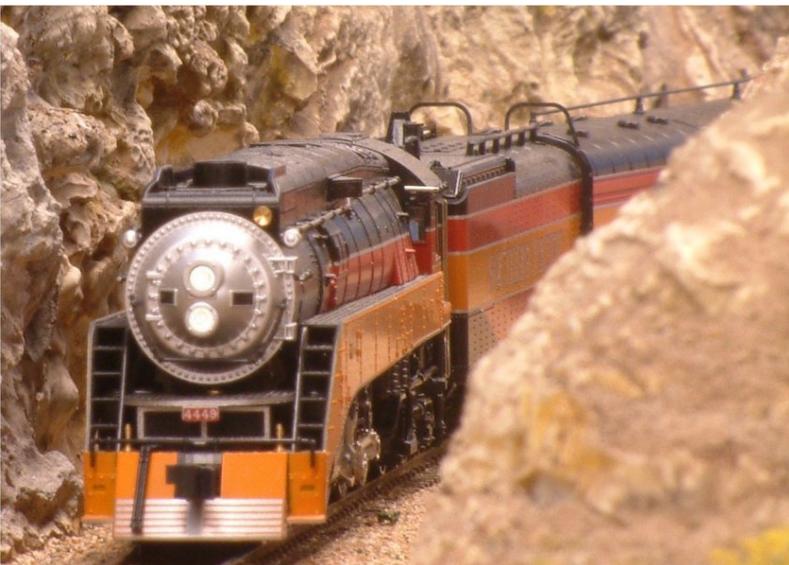
Vintage Map of Oklahoma Railroads

Allan Roecker

Dave Salamon Layout Visit, THANKS!



Dave Salamon Layout Visit, THANKS!





Engine house scene on Jim Ronda's Mt. Gilead Layout—photo by Dave Salamon

Next Month Jim will discuss downsizing his layout

Indian Nations Division
Dave Salamon
17924 E. 92nd Street North
Owasso, OK 74055

