

Lightning Slinger

Turkey Creek Division



June 2021

MONTHLY PUBLICATION OF THE TURKEY CREEK DIVISION
OF THE MID-CONTINENT REGION, NMRA
"For all gauges and all ages"

ZOOM MEETING – TUESDAY, June 22, 2021

Turkey Creek Division is planning a in-person meeting at the First Baptist Church of Kansas City, Tuesday, June 22, 2021. Zoom participation will be offered and encouraged to keep attendance below the 50 person limit set by Kansas City, and use safe social distancing.

**Our
Clinic**

How I Built Elevators and Feed Mills on the Clay Center Line of the Rock Island RR

by Ken Jenkins

Ken will describe the design parameters for early built wood and corrugated metal grain elevators. Ken will also use elevators he has built on his layout as examples and explanations. Ken models the Rock Island going through north central Kansas in 1967.

Due to Covid-19 restrictions, for planning which room we need to use, we would like to know how many members/guests would attend in-person. RSVP Bill Humenczuk, Paymaster, at bhumenczuk@kc.rr.com. Thank you and stay healthy.

Ron Marsh
Superintendent

Location:

First Baptist Church of Kansas City
100 W. Red Bridge Road
Kansas City, Missouri 64114
(Intersection of Wornall and Red Bridge
Road) (same as College Blvd.)

***FACE MASKS
REQUIRED, PLEASE ...***

Zoom Address:

<https://us02web.zoom.us/j/85080194385?pwd=MmJEdUtRQndGeDArcjdCVTVjdHk5QT09>

Meeting ID: 850 8019 4385

Password: 03

Clerk's Report for May 25, 2021

Our Superintendent Ron Marsh called meeting to order. The modeling challenge is coming up soon August 24. We are giving out 2 \$25 gift certificates for the best 2. So sign up for the challenge asap and add your name to the list.

We had about 12 or 13 people there and I think we had 3 or 4 at home this time. Larry Alfred had a short clinic on how he built the Gas station from FOS models. He's not finished with it yet but so far it looks good. Those models are of smaller buildings from back east In fact my kit on Pop Gunns Grocery Store in O scale is 5x6 inches. Larry says they do have much bigger kits but they also cost more.

There is talk that we may be able to go back to meeting over where Shelly lives pretty soon but we don't have a date on that yet. As long as this Covid-19 stays under control we should be able to go back. I think most in our group have gotten both shots now and even those who have not been coming I think most have gotten their shots now from what they have told me.

Larry Diehl suggested we use Johnson paste wax on wooden pieces used to align the model and glue against. The Johnson paste was on wood will not allow any glue to stick.

Till Next Month,

Steve McKee, Clerk



OFFICERS

Superintendent

Ron Marsh

ronstrainsnthings@gmail.com

Paymaster

Bill Humenczuk

Clerk

Steve McKee

Division Director

John Fales

Membership Chair

Louis O. Seibel

(913)927-6850

AP Merit Awards & Achievement

Joe B. Robertson, MMR

Past Superintendent

Greg Ohlmacher

Web Master

Richard Kennedy

Lightning Slinger Editor

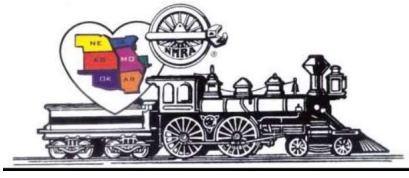
Larry W. Diehl

ldiehl066@gmail.com

Web

<http://www.tc-nmra.org>

**Turkey Creek Division
is a 501(C)(3)
organization**



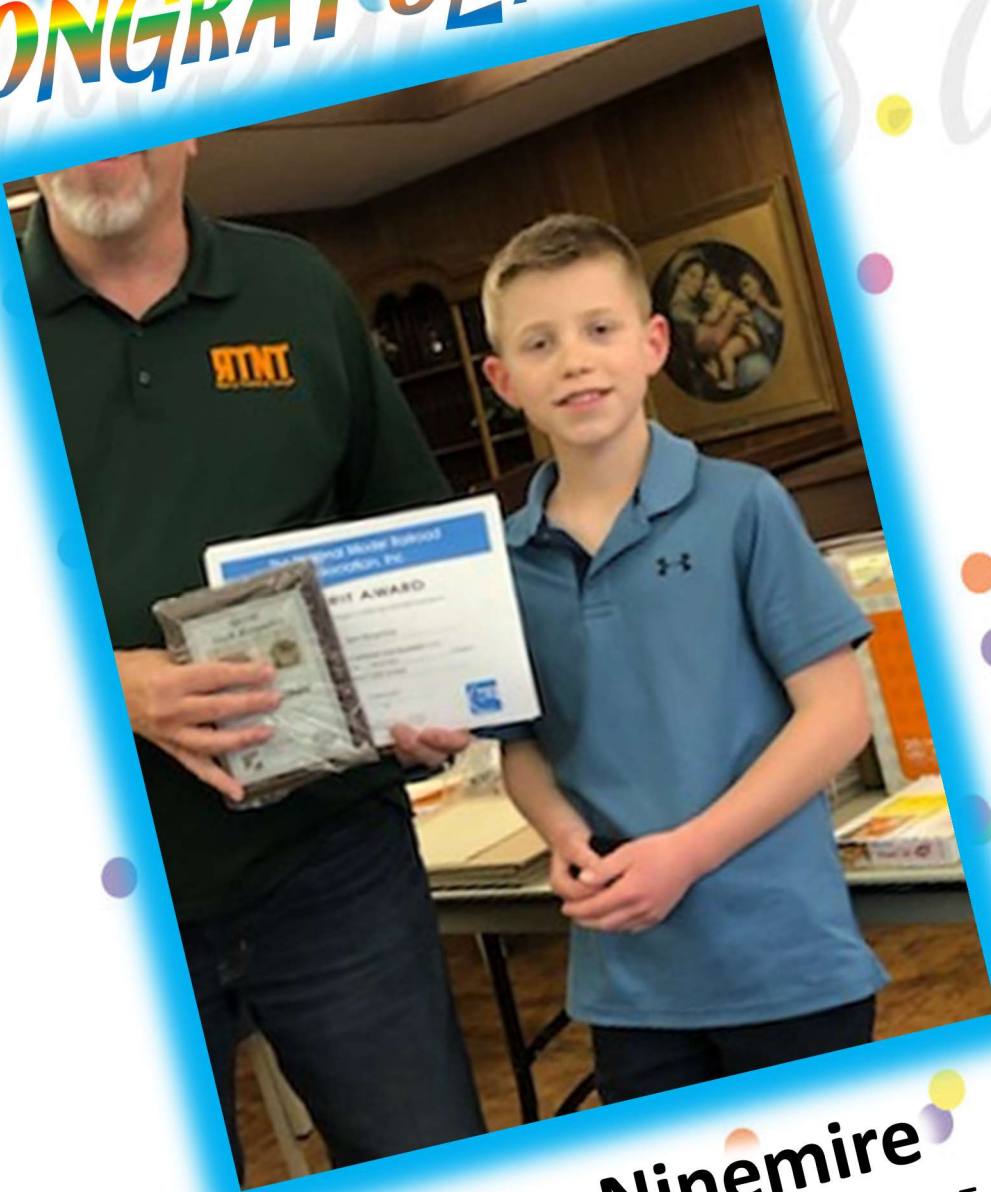
Lightning Slinger

Turkey Creek Division



June 22, 2021

CONGRATULATIONS



Sam Ninemire

Sam receiving his Merit Award, May 25, 2021, and a Special Youth Award as prepared by Turkey Creek Division NMRA.

THE MODELING CHALLENGE GOBBLER

VOLUME 18, June 2021 ... A Randomly Occurring Notice



Keeping the BULL BUSy ...
and WATCHING HIS back

Date is
AUGUST 24, 2021



Committed:

John Fales...HO
Larry Alfred, MMR...O
Miles Hale, MMR ...O
Fran Hale, MMR...?
Larry Diehl...HO
Steve McKee...O
Ray Brown...HO
Ron Marsh...N
Adam Fitzgerald...HO
Mark Juett, MMR...HO
Jason Reece...HO
Greg Ohlmacher...HO
Ross Moody...S
Dan Wiltshire...O
Jack Ferris...O
Sam Ninemire...HO
Bill Scheerer, MMR...HO

WHO'S Next

DON'T MISS OUT!...

Join the Fun!



2021 Turkey Creek Division

Modeling Challenge

by Larry Alfred, MMR

The August TCD meeting date is drawing closer and we have several new additions to the list of those who have committed to participate in this years' Modeling Challenge. Thank you to all who have indicated that you will participate! Even with these new additions, I will take this opportunity to push all others to complete, work on, or begin a model entry for the 2021 Modeling Challenge. The Challenge is one of the highlights of the Turkey Creek Division's annual calendar. It provides an opportunity for all member to participate with others. As an additional incentive to bring an entry, we will have a drawing for two \$25 gift certificates. Everyone bringing an entry will be eligible for the drawing.

The Challenge will be held in essentially the same manner as in previous years. The most significant change from past years will be the limitation of the entry size to one-foot square. Please don't let this be a disincentive to your decision to enter a model. It's fun! With the August 24 meeting date for the Challenge, we all have two more months to prepare an entry, including the possibility of incorporating a make-and-take model with your entry. Entries will be limited to only one per person. There have been instances in the past where two entries were allowed. A limit to one entry is felt to be the fairest way to proceed.

I was asked to remind you all regarding the awards associated with the Modeling Challenge. Each year, there are six awards given as a result of the popular vote. They are:

- First Place overall
- Second Place overall
- Third Place overall
- Most Whimsical (Red Bull Award)
- Best Special Effects (sound, lighting, animation)
- Best use of a Make-and-Take model

I will be tracking those that have committed to bringing an entry. The list of those that have committed, with the scale of the entry, will be included each month in this publication. Thanks for committing to participate! Let's continue to make this list grow! Here is the current list. If your name is not included, it should be! We are looking for further commitments, so please get to it! E-mail me at captlalfred@gmail.com to get on this prestigious list.

EXAmPLeS OF 'X1' diSPLaYs

2021 Challenge (Repeat of the 2004 Rules)

by Rusty Rails

So, what can you build on a one square foot base? That's your challenge for the first annual Turkey Creek Division Modeling Challenge! In G scale, you could fit a RGS 50,000 gallon water tank in one square foot and not much more. In Z scale, you could probably model the Kansas City West Bottoms. In HO, you'll be somewhere in between.

There is no restriction on how high your scene can go, so you could model a mountain or a twelve story building. If you're into Colorado mining, you could put an ore mill on a mountain side with tracks at the bottom for cars to pick up the refined ore. If coastal railroading is your bag, then a pier scene may be for you. Another thought might be a scene with an overpass with a train on the lower and upper levels.

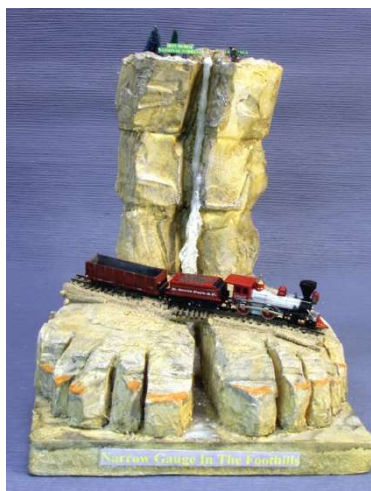
If you're into city scenes, you could model the backside of some trackside tenements with Mrs. McGurty waving at the engineer while she's hanging out laundry. Another scene that would be interesting would be a station with passengers waiting for a train or perhaps boarding a passenger train.

There is no restriction on the diorama except that the base cannot exceed one square foot – that's 12" by 12" maximum size. Can it be smaller? Sure. If you already have a base you want to use and it's 12" X 12" or less in size, that's fine. If you have a base that's 16" X 8", that's NOT FINE. Do you have to have a train on the diorama? Nope. It's up to you what to include.

The judging will be by popular vote, so crowd appeal will be the rule. There will be three places awarded for this challenge. So, if you're entering a diorama, start thinking about your model now. There is plenty of time, but don't put it off. This will be a fun event!

Ok...final plea...please participate!! It is lots of fun!

Example Award
Plaque



You take HOME the awards!
Join the FUN!

THE MODELING CHALLENGE GOBBLER



Lightning Slinger



Turkey Creek Division

June 22, 2021

**News
Flash**

Western Maryland RR

On the Move!

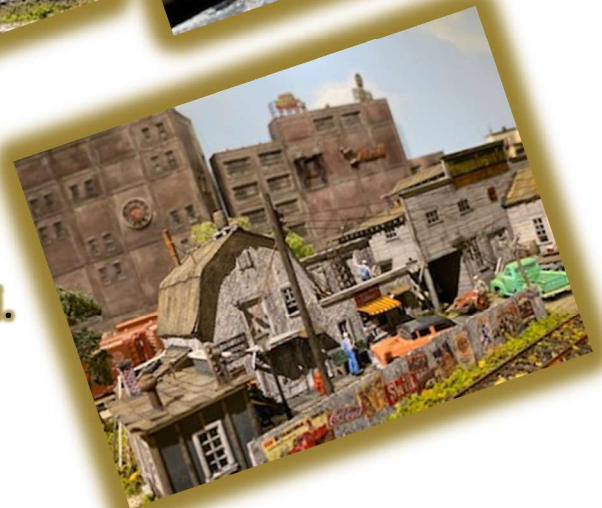


Once there was a Western Maryland RR intertwined in the Appalachian Mountains of Lee's Summit, Missouri. Below are a few photos of that RR which once was! ... Does anybody know that WM manager Dale Phetteplace?

He grew up somewhere on the east coast where the Appalachian Mountains begin, then continued to Lee's Summit ...



**How I
was in
Missouri.**



Well guess what, the Western Maryland has discovered that those mountains continue on to Olathe, Kansas. WM management says "them there" tracks must be taken up with all attempts being made to save the beautiful structures!

The WM is planning to lay tracks into Olathe as soon as the new house is complete enough to "call home".



The mountains are gone!



The new Western Maryland promises to surpass the old Missouri layout, creating more “operational” challenges and visual interest.

That fellow "Dale" has some creative engineering challenge ideas to solve, construct new grades finding manageable slopes through them there Kansas Appalachian Mountains ...

Dale claims the surveyors are currently hard at work, and by golly, by golly, them trains will run again!



Awaiting surveyors for alignment into Kansas.



*I say ...
Pray for Dale!*



Lightning Slinger

Turkey Creek Division



June 22, 2021

News
Flash

Photoshop Aids the Model Building Process

News
Flash

by Shelly Levy, MMR

During a vacation, while traveling through Westcliffe, Colorado, Ginny and I visited and explored the Engine House Museum. We needed such a structure on our layout to replace a placeholder mockup. We elected to use the dimensions of our “mockup” as it fits the layout siting. But we detailed the model replicating the prototype materials appearance and weathering at the museum.



perspective view of Engine House as photographed

Photoshopped into Orthogonal view

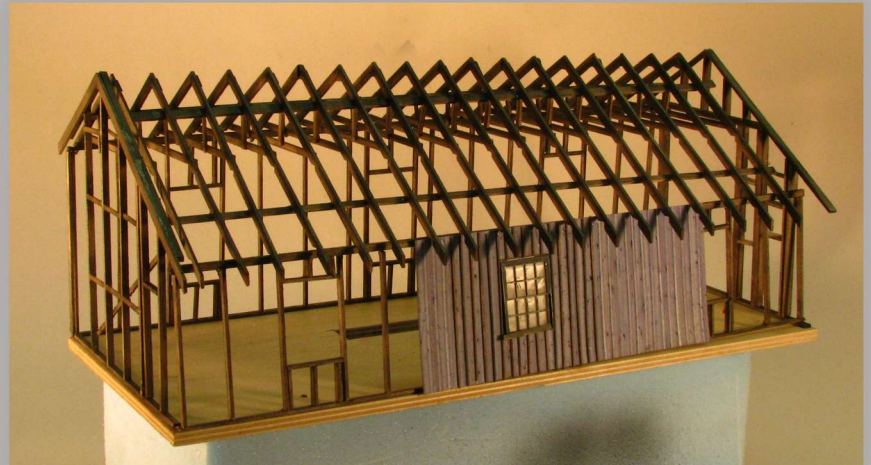


interior photos for structure reference



Photoshop - The key aid of Photoshop is the ability to transform “perspective images” within photos to accurate dimensions and orthogonal shapes, as demonstrated in this model. This allows you to print images siding and roofing panels to be used on any of your models. You may elect to use the entire wall print or cut the print into individual panels for more 3D effect.

In addition, the layout siting required 180 degree flip-flop of the prototype Westcliffe plan, for which we again used Photoshop. Building the model, we again used Photoshop to replicate the walls and siding. This allowed accurate representation of the metal panels, coloring to weathered conditions. This resulted in a weathered look on the model that fits into the layout very majestically.

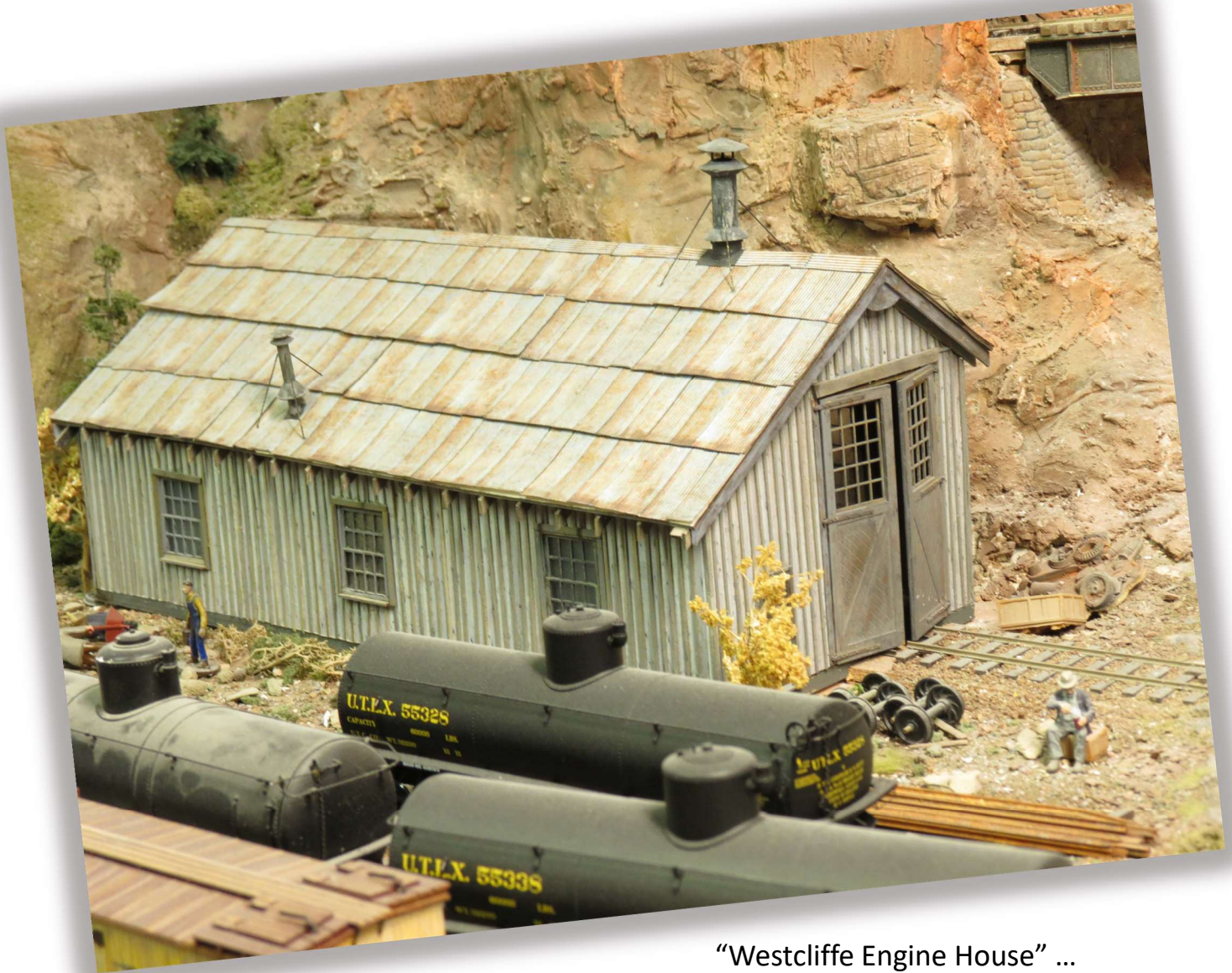


structure under construction



weathering detail of the siding

On this model, the entire side was printed at one time and three dimensional basswood batts were added to give a better 3D effect. Batts were painted to match the photo colors.



“Westcliffe Engine House” ...
finished model





Lightning Slinger

Turkey Creek Division



June 22, 2021

Some folks have asked how best to judge your models. These graphs show how buildings, cars and structures should be judged for merit awards.

JUDGE'S SCORE SHEET for NMRA MODEL

1.

1. CONSTRUCTION (Maximum 40 Points)

Points Awarded _____

- Drew my Own Plans Followed construction article
 - Used Prototype Plans Cut and fit metal Cut and fit cardstock Soldered
 - Used kit plans Cut and fit plastic Cut and fit glass Made patterns
 - Used commercial plans Cut and fit wood Crosskitted or kitbashed Made molds
- Describe in detail how model was built, complexity of construction, methods used.

STRUCTURES & DISPLAYS: Consider architectural practices of construction, scale thickness of exposed walls, window and door construction.

BRIDGES: Consider the size of members, proper span lengths, bracing and support details.

Quality & Workmanship	Simple Model					Somewhat Complex					Moderately Complex					Very Complex or Difficult																								
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Poor to Mediocre	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40		
	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40			
Ordinary	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40				
Good	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40					
	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40						
	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40							
	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40								
Very Good	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40									
	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40										
	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40											
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40												
Outstanding	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40													
	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40														
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40															
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40																
Exceptional	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40																	
	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40																		
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40																			
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40																				

2.

2. DETAIL (Maximum 20 Points)

Points Awarded _____

Describe complexity, difficulty, refinement, amount of additional detail parts added.

Quality & Workmanship	Simple Model					Somewhat Complex					Moderate Complex									
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Poor to Mediocre	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20			
Ordinary	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20				
Good	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
	7	8	9	10	11	12	13	14	15	16	17	18	19	20						
	8	9	10	11	12	13	14	15	16	17	18	19	20							
	9	10	11	12	13	14	15	16	17	18	19	20								

3. CONFORMITY (Maximum 25 Points)

Points Awarded _____

Give information as to prototype modeled or explain logic of design. Include copies of photos, drawings and plans.

Points to remember at all times: Be sure of your prototype practice. If in doubt, **do not guess!** Confer with the Senior or Technical Judge.

Be sure of what you mean when you score this factor. Remember to ask yourself: Is it logical? Moreover, do not confuse Conformity with Detail or Construction factors.

Determine if the attachment of parts is appropriate to the prototype: ie. riveted, pin connected, bolted, etc.

A maximum of 15 points is suggested for models that do not have any Conformity documentation such as plans or photographs.

Quality & Workmanship	Simple Model					Somewhat Complex					Moderately Complex					Very Complex or Difficult				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Poor to Mediocre	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Ordinary	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Good	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30

4. FINISH and LETTERING (Maximum 25 Points)

Points Awarded _____

Finish: Weathered Non-Weathered Spray Airbrush Mask and Spray.

Signs & Lettering: Decals Hand Letter Dry Transfers Photo Reduction Photo Etching

Describe finish and lettering methods in detail

Quality & Workmanship	Simple Model					Somewhat Complex					Moderately Complex					Very Complex or Difficult				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Poor to Mediocre	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Ordinary	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Good	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30

5. 5. SCRATCHBUILDING. (Maximum 15 Points)

Points Awarded _____

List all parts you have fabricated. Note any special or unusual features added. _____

Quality & Workmanship	Simple Model					Somewhat Complex
Poor to Mediocre	0	1	2	3	4	5
	1	2	3	4	5	6
	2	3	4	5	6	7
	3	4	5	6	7	8
	4	5	6	7	8	9
Ordinary	5	6	7	8	9	10
	6	7	8	9	10	11
	7	8	9	10	11	12
	8	9	10	11	12	13
	9	10	11	12	13	14
Good	10	11	12	13	14	15

TOTALS

This space for contest committee only.

Score Tabulated by _____ Verified by _____

NMRA Contest Form 902 Rev B, 23 July 2000. All previous versions of this Form are obsolete.

FINAL TOTAL _____

The Black Rock Chronicle

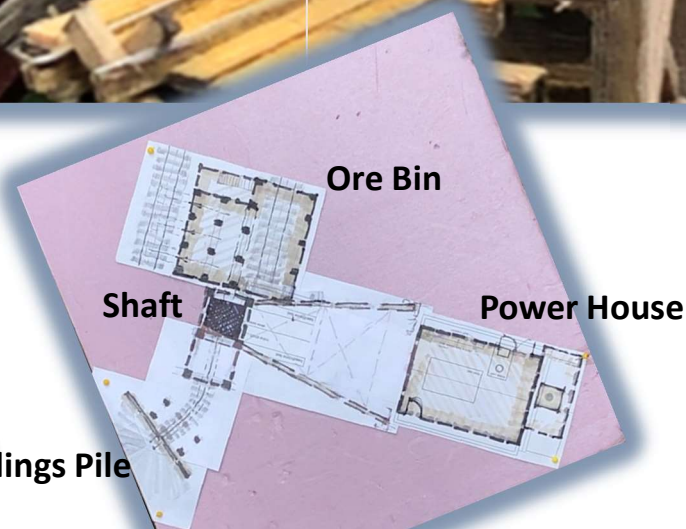
... set in the heart of the BitterRoot Mountains ...

TUESDAY, JUNE 22, 2021

A Hardrock Mine ... “Deer Creek Mine” in BitterRoot Canyon City

This model started as a Sierra West Craftsman Wood Kit. I wanted to make this a contest model. I had to create a different layout which would not make the model feel pressed or squeezed to fit a 1' x 1' base.

I studied several layout positions as to how the head frame, or bin and power house would look plausible. I decided to use a 90 degree angle orientation of the power house to the ore bin, positioning the head frame at a “pivot” position, then allows the “spoils” pile to be logically positioned as a roll-off out of the skip, to drop the waste excavation rock/soils.



SierraWest
BY BRETT GALLANT

Tailings Pile

I built a new head frame, taller and with a secondary frame grouping to provide support for the height and extra work space at the skip to route the tailings.

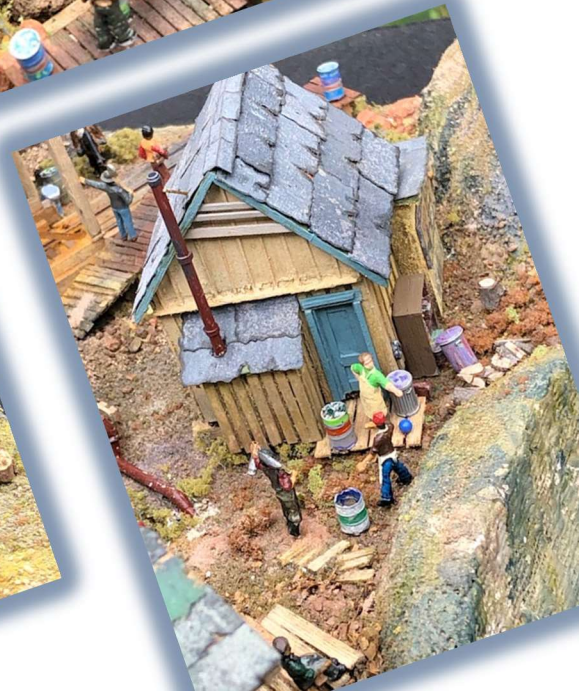
A **tailings dump** was provided with two support trestle bents, tied together to strengthen the tall height for waste pile support.

A **water pump shed** was built close to the shaft, discharging into a water tank. Water is filtered and used in the boiler to steam the cable hoist and air pump for the mine.

A **kitchen dining office** was built to support the miners' long days and longer distance to the nearby community of BitterRoot Canyon City.

A **storage shed** for dynamite is provided away from the mine in case of accidental explosions.

Construction is basically wood, paper, cardboard, plaster, metal and resin castings.



The **head frame** is wood framing cut and fit to the drawing templates provided in the kit. Most of the joints are white glued, then pinned with .019" brass wire. All diagonals are fitted to the field conditions/dimensions.

The small roof roll roofing, made from black paper, weathered edges, applied with 5 min epoxy.

The **shaft** is timber lined about 1" deep.

The **ore tibble** is constructed of timber frames fitted to templates furnished with the kit. The frames assembled with timber connections and members cut and fitted. Most joints, where possible, were pinned with brass wire, to strengthen the full assembly.

The **roof** is Campbell corrugated metal, first weathered with rusted edges, made by digging an Exacto knife, then painted rust with mineral spirits/Braddon pigments. All applied with stiff brush, before assembly of panels. Then applied over 2 x 6 purlins and joists with 5 min epoxy.



The **Power House** was built using kit wall frames, cut 3' narrower. Doors and windows were "reversed" and "flipped" to suit my module layout.

New roof trusses were made. New cardboard roof sheathing cut and fitted. A clerestory was created using Tichy windows, cut and "mulled" together.

The "wood shingles" are paper colored with paint and three shades of pastel chalk, then shingles twisted before assembly, to create shadow lines.

Air duct tube is Evergreen tubing with "joint collars" added.

Roll roofing is black paper colored with pastel chalks. Edges weathered, applied with 5 min epoxy.

Roof is intended to be removed to see equipment inside the Power House.



The **boiler** was made from two old SS Ltd castings, wood spacers, wood base wrapped in paper embossed to show bolts and “cross panel” broke as panel reinforcing. Stack made from Evergreen tubing, heated and expanded to the taper to sit on top of the boiler. Joint collars made/added.



The **water pump building** made by sheathing a small cardboard medicine box with 2 x 8's and 2 x 10's. All lumber first weathered with razor saw and stained. Edges highlighted with a dark color alcohol marker before assembly. Door and louvers scratchmade. Roof is shingles like Power House. Piping is PVC tubing heated and bent with joints created.

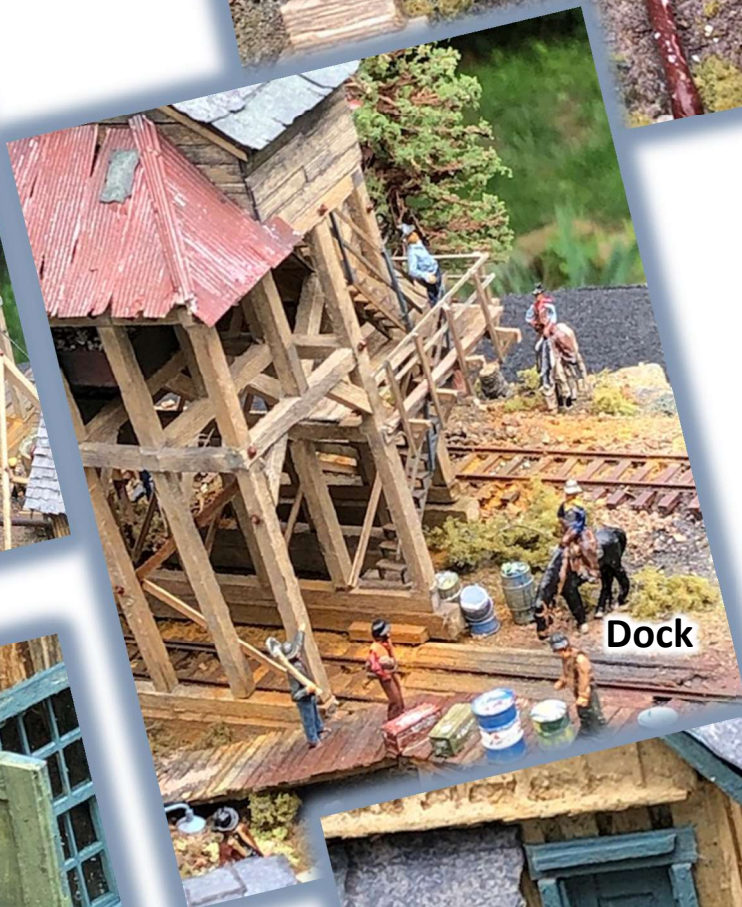


Dynamite Store Building is also built from a “medicine box base”, similar to water pump building.

The **kitchen/dining/office** is also a small medicine box base, with strip wood weathered/covered the box base. Roof is roll roofing colored pastels on black paper.



The **water tank** is made with 2 x 6 weathered strip wood glued to a small cardboard tube. Bands are .032" solder. The solder applied with epoxy. Water is pigment dyed gloss Mod Podge. Piping is styrene rod tube bent and shaped.



Scratchmade doors.





Lightning Slinger

Turkey Creek Division



June 22, 2021

In our April meeting, Mark Juett announced that he has acquired the rights to replicate and sell the Sound Modules originally designed, manufactured and sold by Fred Hulen. Mark is marketing under the name "Blackhawk Sound Modules".

In addition, Mark anticipates he will be expanding the sound offerings, plus if you have a recording, he will install on a chip in the module, for a one time cost.

Contact Mark Juett at modelrailroadbuilder@gmail.com or telephone at (816)536-9421.

Blackhawk Sound Modules

All solid state, hand built on printed circuit boards. Sound chips can be changed.

Sounds all around

- **Fire in the hole!** Mind blast sequence. Very popular for mines, quarries or construction sites.
- **Explosion** sound of a large explosion
- **Disaster scene** sirens, radios and general high level activity.
- **Birds #1** Sounds of the forest, endless loop.
- **Birds #2** a variation of Birds #1
- **Birds #3** yet another variation of sounds of the forest.
- **Crows/Ravens** crows calling one another, then a flare-up and fussing.
- **Timber** a series of ax blows to fell a tree as a man yells timber, then the tree comes crashing down.
- **Crossing bell** the familiar sound of the warring bell at a road crossing. Great animation.
- **Hounds** great for a kennel, fox hunt, or coon hunt scene or any place with many dogs.
- **Saw Mill** the saw starts up, rips wood (3 cuts) then stops. Or could run in a continuous loop.
- **Arc Welder** under development
- **Babbling water** endless play of water in a stream.
- **Water fall** sounds just like the real ones.
- **Lapping water and gulls** bring that sea side scene to life.
- **Wave sounds** similar to above but more surf.
- **Vintage airplane** prop driven single engine airplane flying on and on.
- **Honky Tonk** old time piano in a turn of the century saloon.
- **Yard Cows** bawling of cows at a stockyard.
- **Cows and chickens** barnyard sounds of cows and chickens.
- **In the Mood** romantic music.
- **Oil Pump Jack Engine** keep the crude oil pumping continuously
- **10 Stamp Mill** crushing and separating ore.
- **Car startup and run** sound of an old car starting and running.
- **Car running** continuous sound of an idling auto.
-

Steam and Diesel Sounds

- Various sounds of steam locos, idling, continuous chuff, whistling off. There are several chips of different sounds to supplement your sound equipped locos.

If you have a recording that you want put on a chip we can do it. There will be a one-time fee of \$20.

Blackhawk Sound Modules

Supplies and Price List

Model 309-S press the button and it plays one time through. \$64.95

Model 309-C setup for continuous play. E.G. running water, waterfall, sea gulls etc. \$62.95

Model 309-T equipped with an adjustable timer to come on at random times, play the recording and turn off. Will play again and again as often as 45 seconds or longer up to 15 minutes apart. \$69.95

All models are solid-state electronics. Require input power of 6-16 volts AC or DC, 300ma.

Model 250-S speaker 2-1/2" diameter \$14.95

Model 250-E enclosure for speaker above with mounting holes. \$5.

Model 250-SE speaker mounted and wired in an enclosure ready to connect. \$25.

Model 12-PS plug in power supply for any model above. \$10.



THE TULSA UNION CONVENTION

2021 Midcontinent & Lone Star Region NMRA

June 17-20, 2021

Revised:

October 6th

to 10th

<http://www.2021tulsaunion.com/>

Hurry Hurry Hurry

There are just a few slots remaining for Pete Leach's hands-on clinic on how you too can paint your own backdrop! For the low, low price of just \$10.00, you can learn from Pete how to create a backdrop for your layout with just a few tubes of paint! Sign up now for your chance to learn from one of Lone Star Region's newest Master Model Railroaders!

And if you are thinking about registering and attending the 2021 Tulsa Union Convention next June, sign up now and take advantage of the early registration rate of \$ 60.00 available until March 1st!

While we are mindful of concerns regarding Co-Vid 19, many of us will qualify for vaccinations based on our age. So, sign up now for the convention and get your vaccination! Registration numbers will be reviewed on March 1st so we can consider the financial viability of the 2021 Tulsa Union Convention.

Should a decision be made to cancel the convention due to low registration numbers, refunds will be issued to those who have registered. Sign up now and show your support!

The 2021 Tulsa Union Convention is the joint production of the Midcontinent and Lone Star Regions, NMRA.

2021 Tulsa Union Convention

Standard Registration is \$75.00 (after July 1, 2021)
Early Bird Registration is \$60.00 (if paid on/before July 1, 2021)
Non-Rail Registration is \$30.00 (No Early Bird discount for Non-Rail)

Standard Registration

Name: _____

Address: _____

City: _____ State: _____ ZIP _____

Phone: _____

Email: _____

Non-Rail Registration

Name: _____

Address: _____

City: _____ State: _____ ZIP _____

Phone: _____

Email: _____

Registration can be paid via Paypal by clicking here [XXXXXXXX](#)

Or, You may print this registration form and submit via USPS.

For Privacy Reasons Please Email:

registrar@2021tulsaunion.com

For mailing instructions

2021 Tulsa Union Convention

Shopping Cart

Registration Fee		Quantity	Price
Standard:	(After July 1, 2021)		\$ 75.00
Early Bird:	(If Paid before July 1,2021)		\$ 60.00
Non-Rail	(No Early Bird discount for Non Rail)		\$ 30.00
Total			

Convention Shirts	With Pocket? Mark Y or N	Size	Quantity	Price
Shirts will be Navy in color		Small		\$ 32.00
		Medium		\$ 32.00
		Large		\$ 32.00
		X-Large		\$ 32.00
		2-XL		\$ 32.00
		3-XL		\$ 32.00
		4-XL		\$ 32.00
Total				

Clinic Supply Fee	Quantity	Price
Pete Leach-Backdrop Painting (Limit of 10 active participants) *Folks may audit the class on a Standing Room Only Basis		\$ 10.00 SOLD OUT

Total Registration Cost	Total
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Operating Session Preference (CHOOSE UP TO 3 ONLY--Final assignment based on date registration received)

Layout Name	Owner	Scale	Quantity
Tulsa Port of Catoosa RR	Dale Baker	HO	
Cherokee Sub Frisco	Steve Campbell	HO	
Santa Fe Herford Sub	Sammy Carlile	HO	
KCS 3rd Subdivision	Steve Davis	HO	
Pandara & San Miguel Rwy	Kenneth Ehlers	Sn3	
South Brooklyn Terminal	Tom Fausser	HO	
Spaendahl Yamanee & Densum	Steve Gillett	HO	
Green Country Model Railroad Club	Green Country Model Railroad Club	HO	
Tennessee Central Railway	Lane Littlefield	N	
Tulsa Junction Railway	Jon Pansius	HO	
Kansas Central Division-Coffeyville Sub	Allan Roecker	HO	
Deep River Southern	Dave Salamon	N	
Connell Northern	Sam Simons	N	
Southern Pacific	Jim Sinclair	HO	
Silverton & Lake City	David Steensland	HO3	

For Internal Use-Date Received: _____

Model Contests categories:

Steam Locomotive Diesel Locomotive Traction or Other Locomotive Passenger Cars Freight Cars Cabooses Maintenance of Way Structures Off-Line Structures On-Line Bridges & Trestles Displays / Modules Favorite / Complete Train Special Awards include: Most Popular Best in Show Participation Award Best Kit Build Model Architecture Award Tree Award Youth & Teen Award Novice Best of Show Bob Clarke Award Linda S. Little Award

Photo Contests categories:

Model - Black & White Print Model - Color Print Prototype - Black & White Print Prototype - Color Print Computer

Enhanced Arts & Crafts categories:

Arts & Crafts General Arts & Crafts Railroadana Arts & Crafts Needlework Arts & Crafts Theme

2021 TULSA UNION CONVENTION

[Home](#)[Clinics](#)[Layouts](#)[Contests](#)[Non-rail](#)[Timetable](#)[Register](#)[Hotel](#)[Contact](#)[Updates](#)

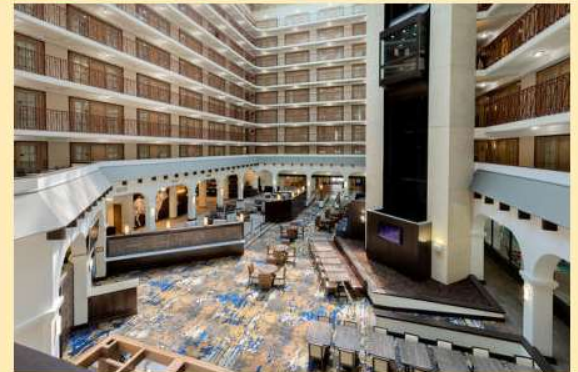
The Convention will be held at the

Embassy Suites by Hilton Tulsa I-44

3332 South 79th East Avenue

Tulsa, Oklahoma 74145

(918) 622-4000



Convention dates are October 6-10, 2021

Note: Group Rates are available starting October 6, 2021 for those planning to arrive early

If you made hotel reservations before February when the event was rescheduled, your reservations will be transferred to the new dates.
(you may get a confirmation email from the hotel - else it doesn't hurt to call and confirm for yourself)

Group Rates for Convention Attendees are: Double Bedroom Suite: \$111.00 King Bedroom Suite: \$106.00
Plus local tax and fees of 13.517%

Convention attendees can reserve their own rooms by calling: 1-800-EMBASSY and using the booking code TRN or by asking for the "2021 Mid-Continent & Lone Star Regional Convention Model Rail Association" group rate.

Or you may click the 'Book Now' link below to make your reservation on-line.

Convention attendees must book their rooms before September 6, 2021 to secure the group rate.

Embassy Suites Tulsa is conveniently located by I-44 and Hwy 51. As an all-suites, full-service hotel, signature amenities include a complimentary breakfast buffet, complimentary high-speed internet, evening reception with complimentary cocktails and free parking.



Chickenman enjoying
summer vacation fun!