ONE WAY →

to Build Roads and Parking Lots

Methods for Creating Roads and Parking Lots

"Wet" Methods:

- DIY Plaster, Hydrocal, Spackle
- Durham's Water Putty
- Appropriate size ballast
- Woodland Scenics Road Kit

Methods for Creating Roads and Parking Lots

"Dry" Methods:

- Styrene Sheets
- Asphalt Shingles (Backside)
- Black Felt Roofing Paper
- Black Sand Paper (Various Grits)
- Foam Core

Methods for Creating Roads and Parking Lots

"My" Method:
12" x 18" Craft Foam Sheets
available from Craft stores
Michaels, Joann Fabrics and others

Supplies needed for Craft Foam Pavement

2 MM = 5/64"

3 MM = 7/64"

5 MM = 3/16"

$0.89 to $1.29

Supplies needed for Craft Foam Pavement

Road Colors

Black

Gray

Tan

Supplies needed for Craft Foam Pavement

Basic Tools
Xacto Knife

Supplies needed for Craft Foam Pavement

Basic Tools
Xacto Knife
Metal Ruler

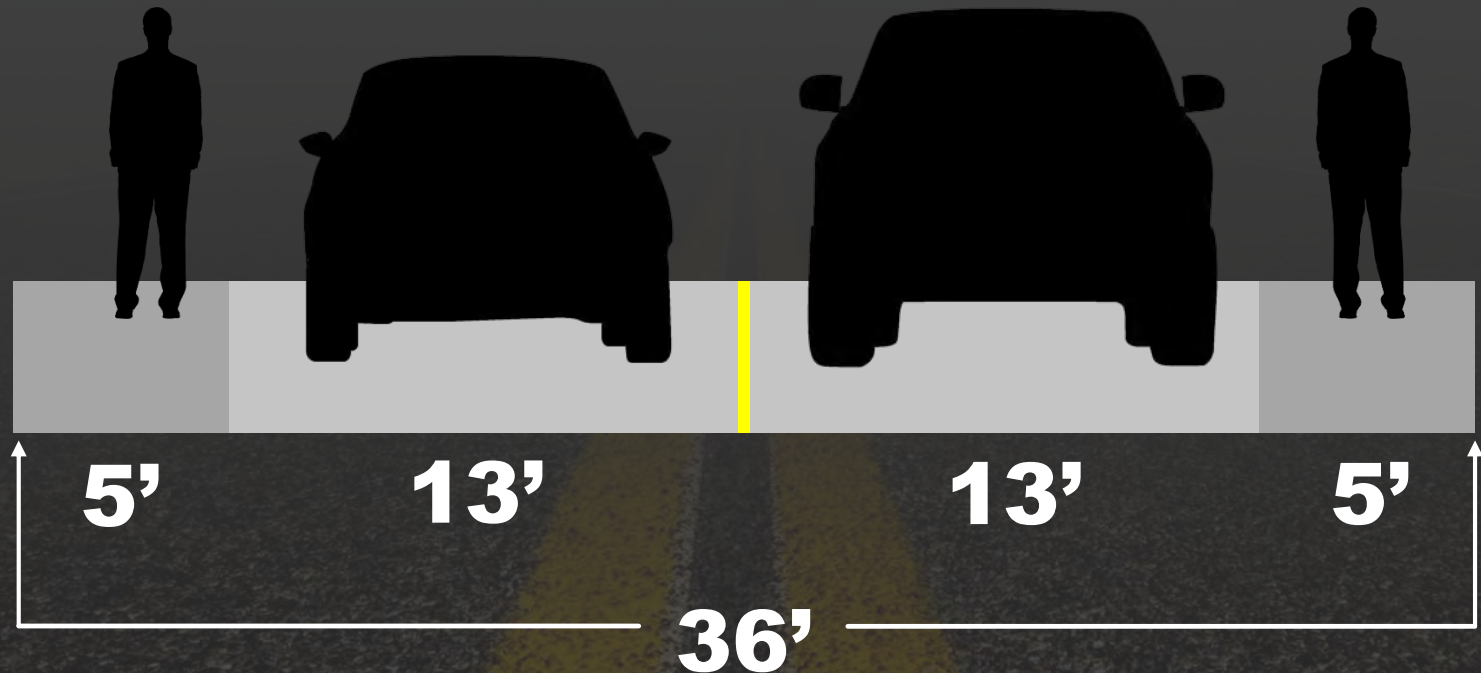# Supplies needed for Craft Foam Pavement

Basic Tools
Xacto Knife
Metal Ruler
Pencil

Supplies needed for Craft Foam Pavement

Basic Tools
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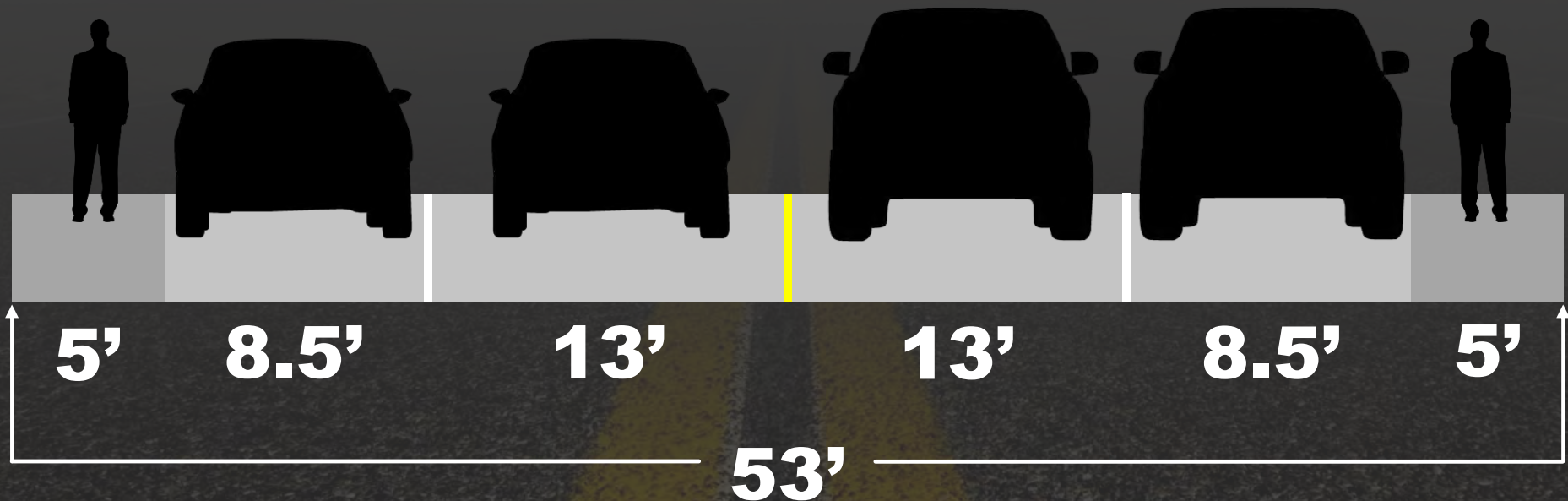Adhesive

Typical Road and Sidewalk Dimensions

Two Lane City Street with Sidewalks

5'   13'   13'   5'

36'

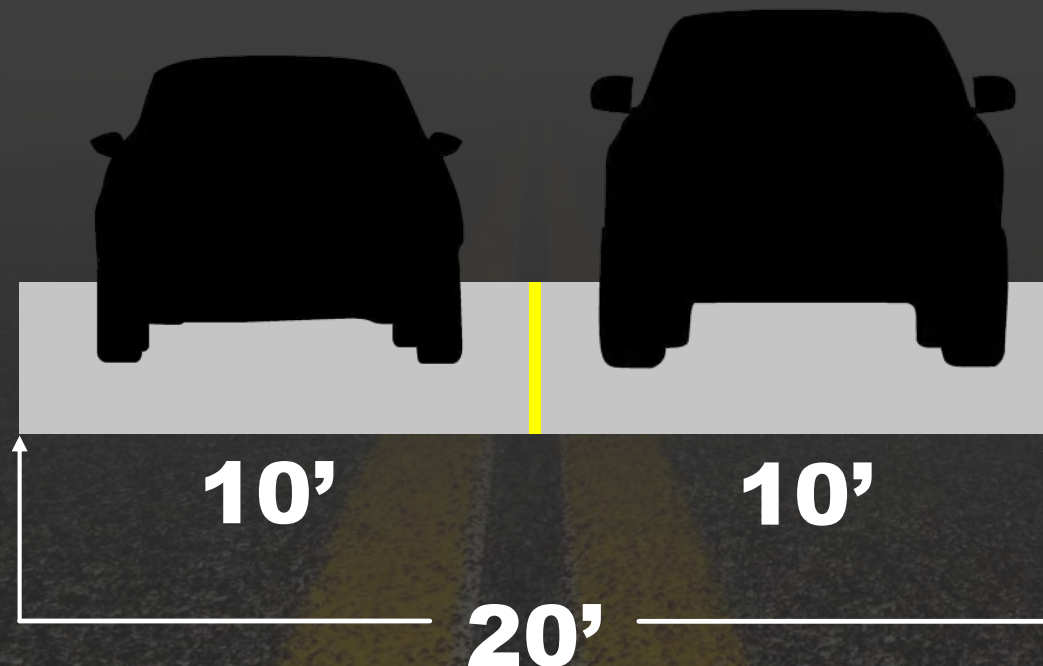O scale = 9" / HO Scale = 4.9" / N Scale = 2.7"

Typical Road and Sidewalk Dimensions

Two Lane City Street
with Parking and Sidewalks

5' 8.5' 13' 13' 8.5' 5'

53'

O scale = 13.25" / HO Scale = 7.3" / N Scale = 3.9"

Typical Road and Sidewalk Dimensions

Two Lane Country / Gravel Road
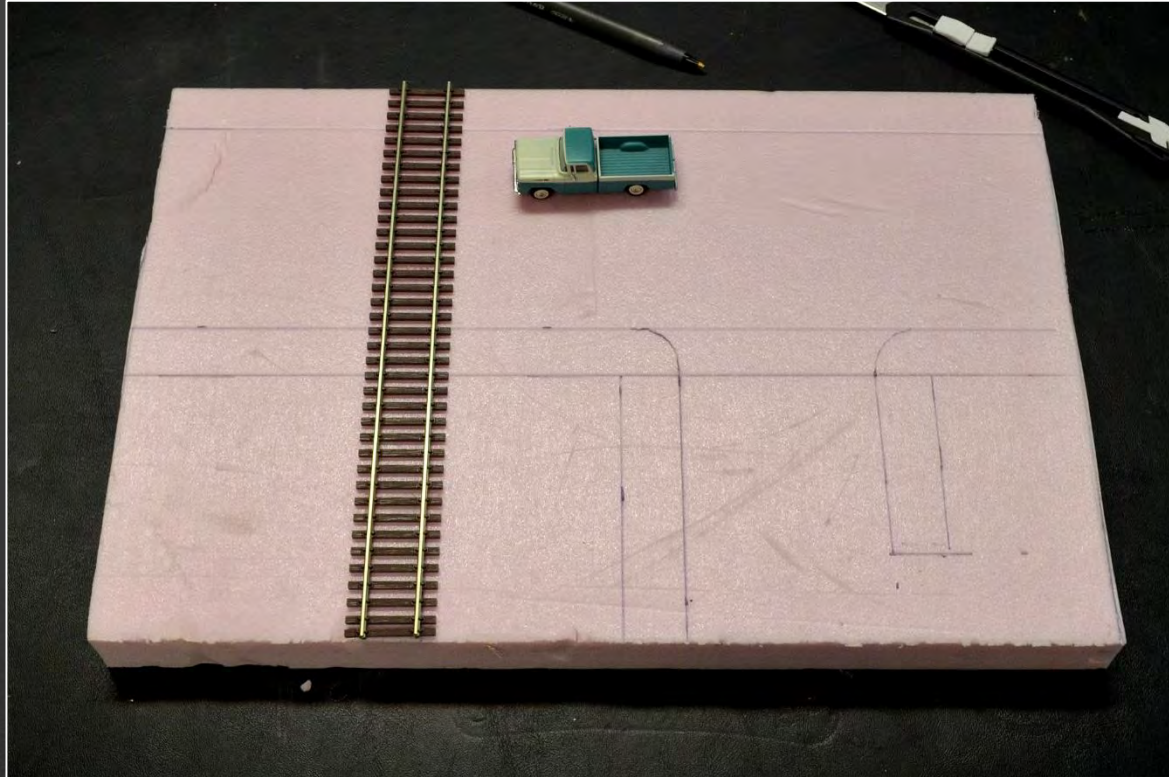
10' 10'

20'

O scale = 5" / HO Scale = 2.75" / N Scale = 1.5"

Typical Road and Sidewalk Dimensions
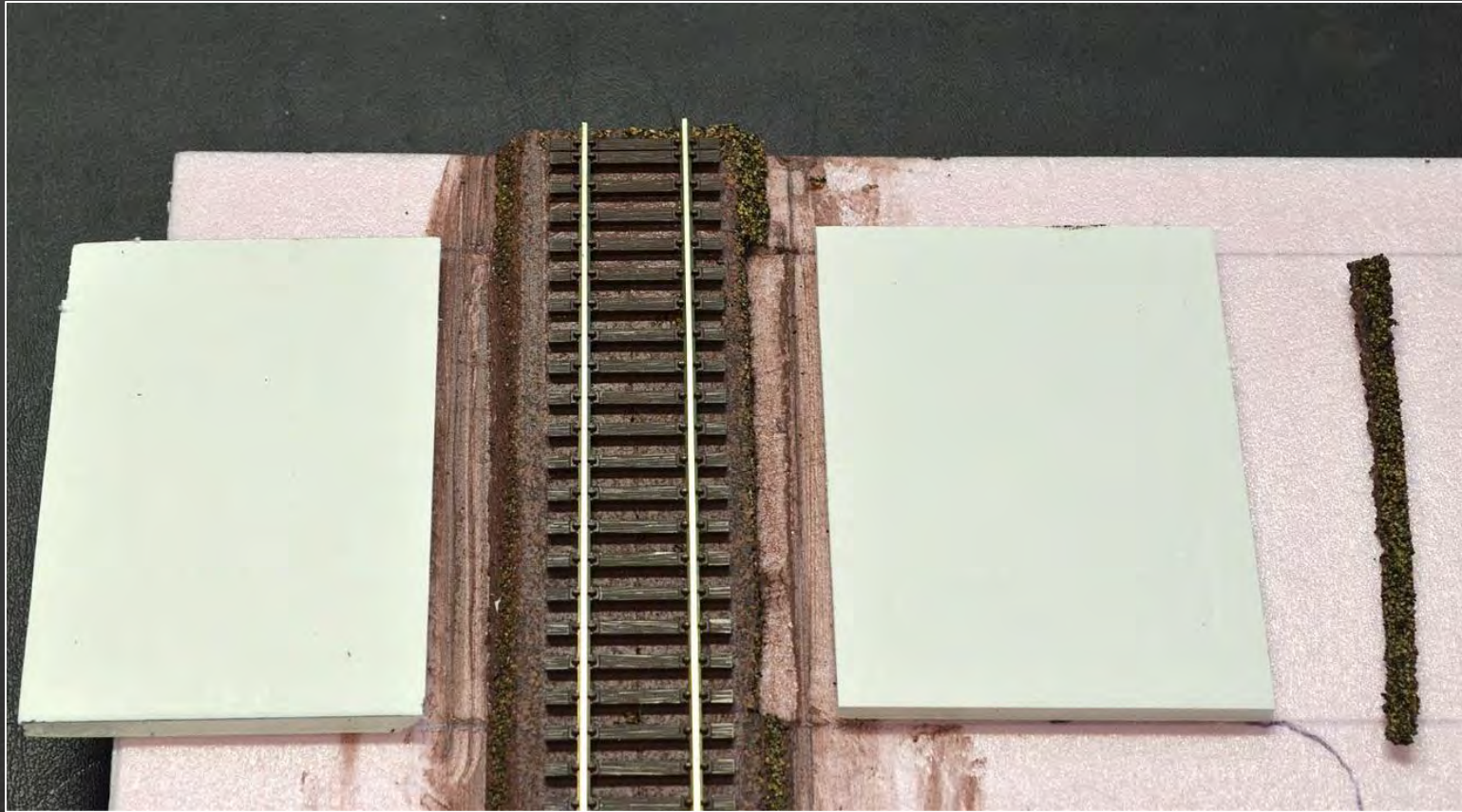
Single Car Driveway

12'
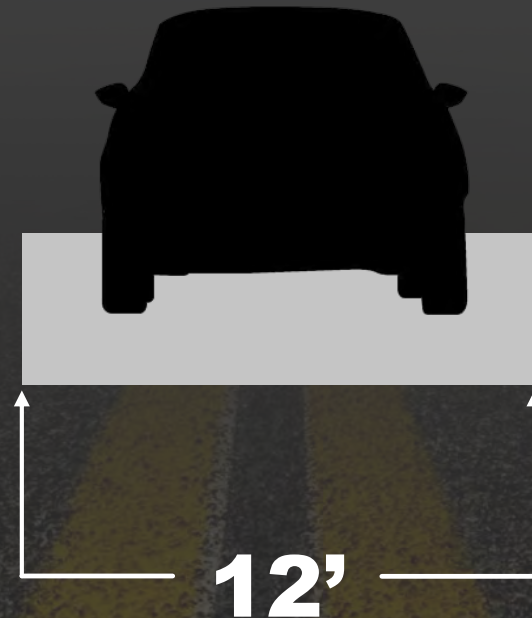
O scale = 3" / HO Scale = 1.65" / N Scale = 0.9"

Surface Preparation
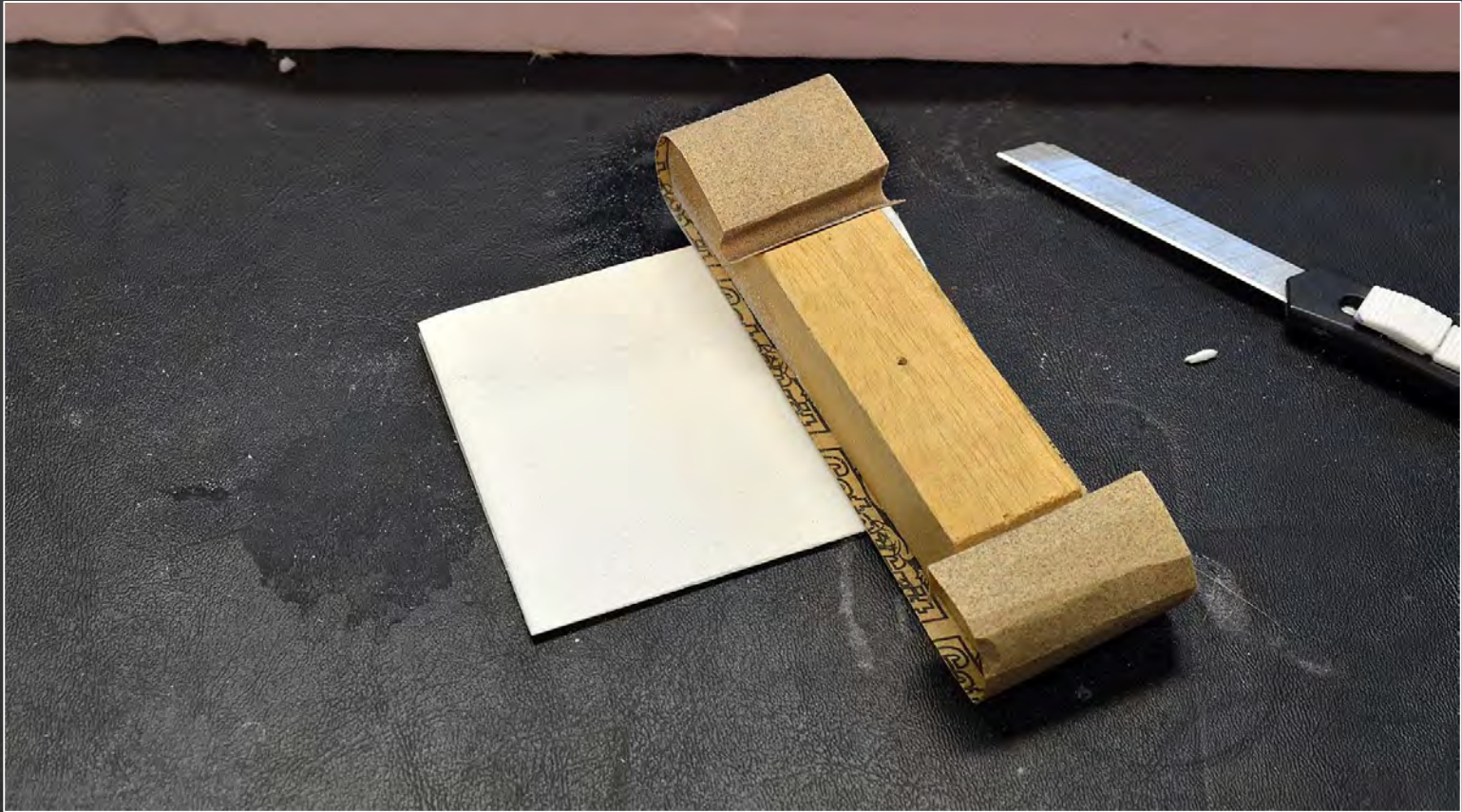

Smooth / Clean Surface

Surface Preparation

Rail crossing or height transitions

Surface Preparation

Rail crossing or height transitions

Surface Preparation

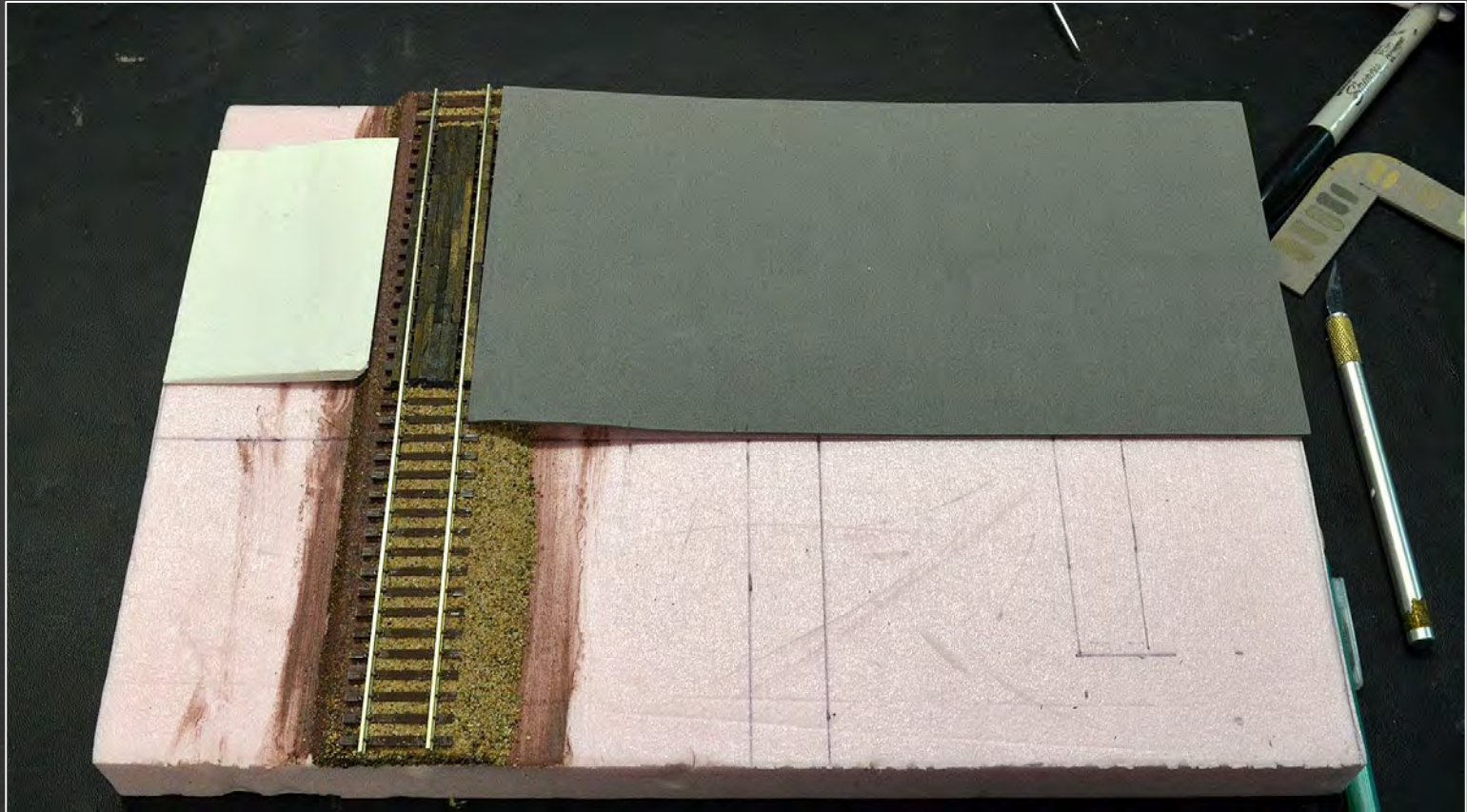Creating smooth transitions

Surface Preparation

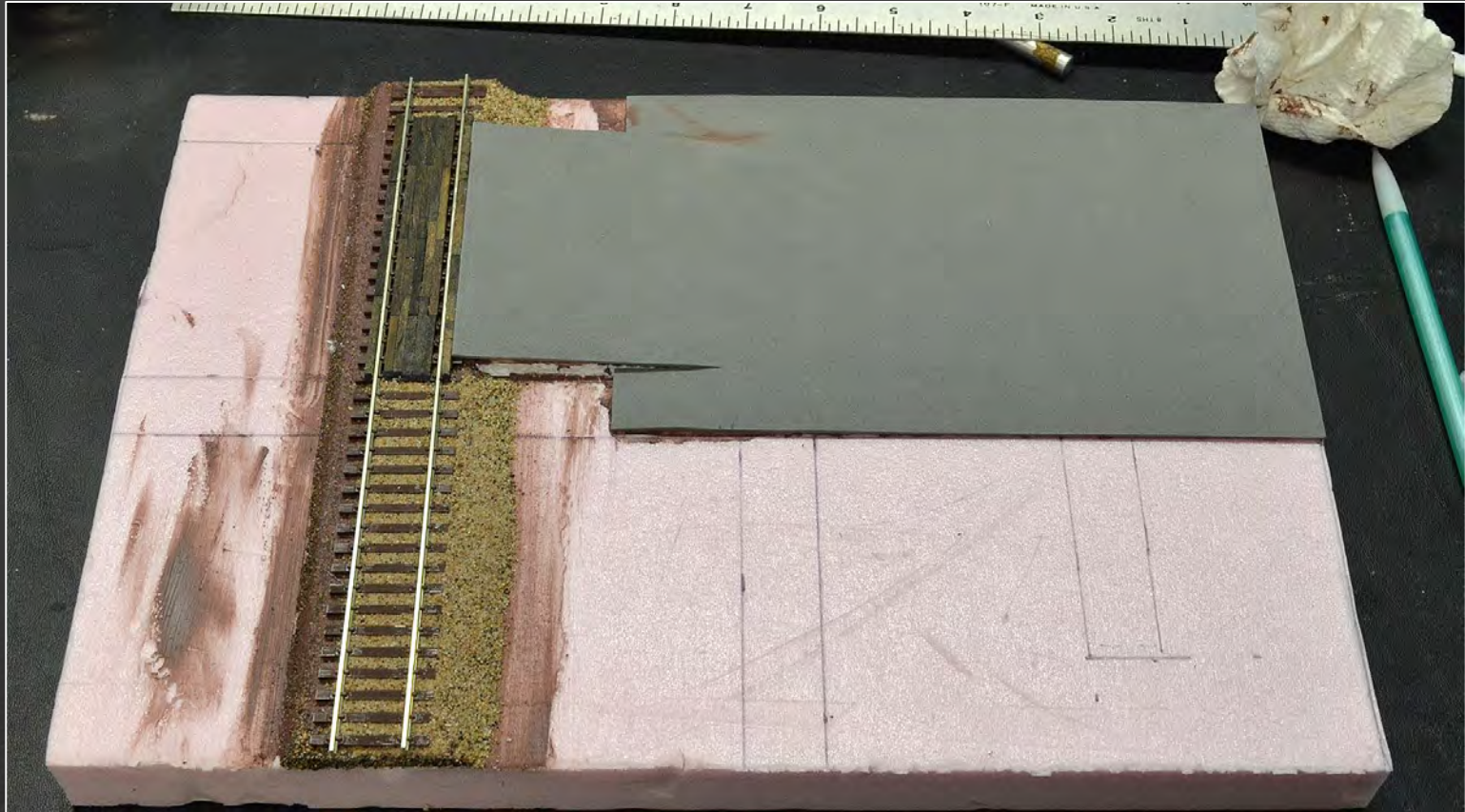Creating smooth transitions

Surface Preparation

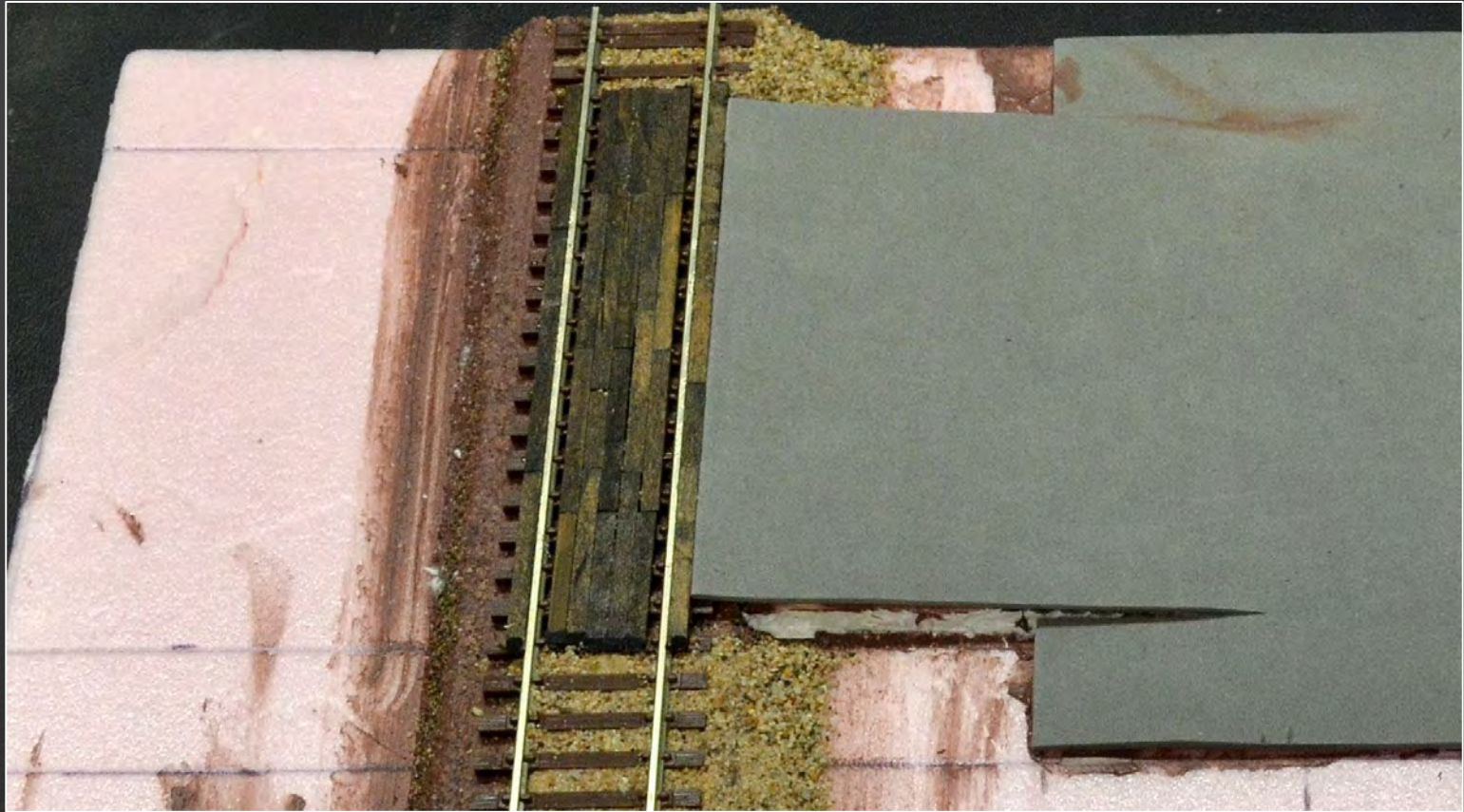Creating smooth transitions

Applying the foam

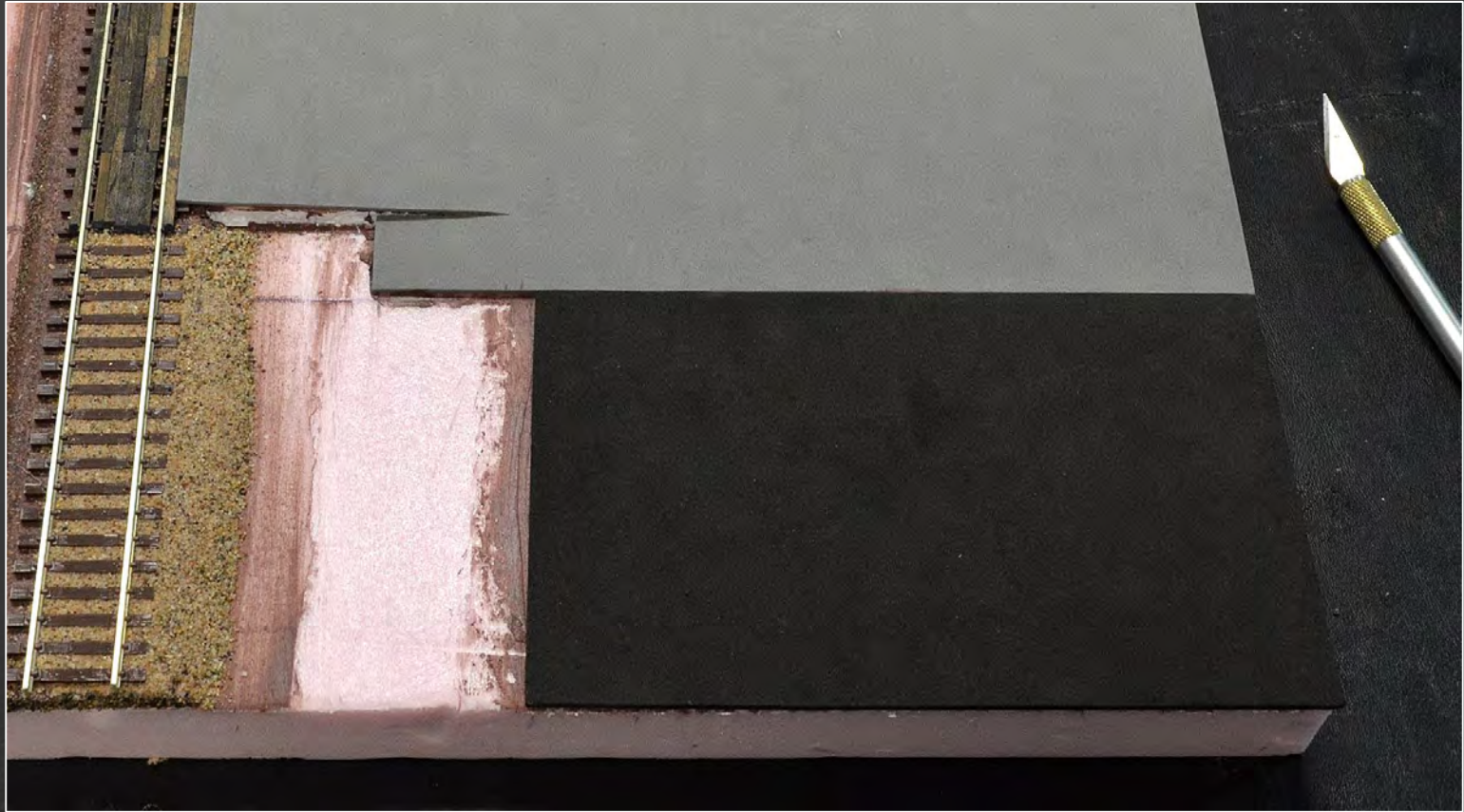Make your initial cut to fit the area

Applying the foam

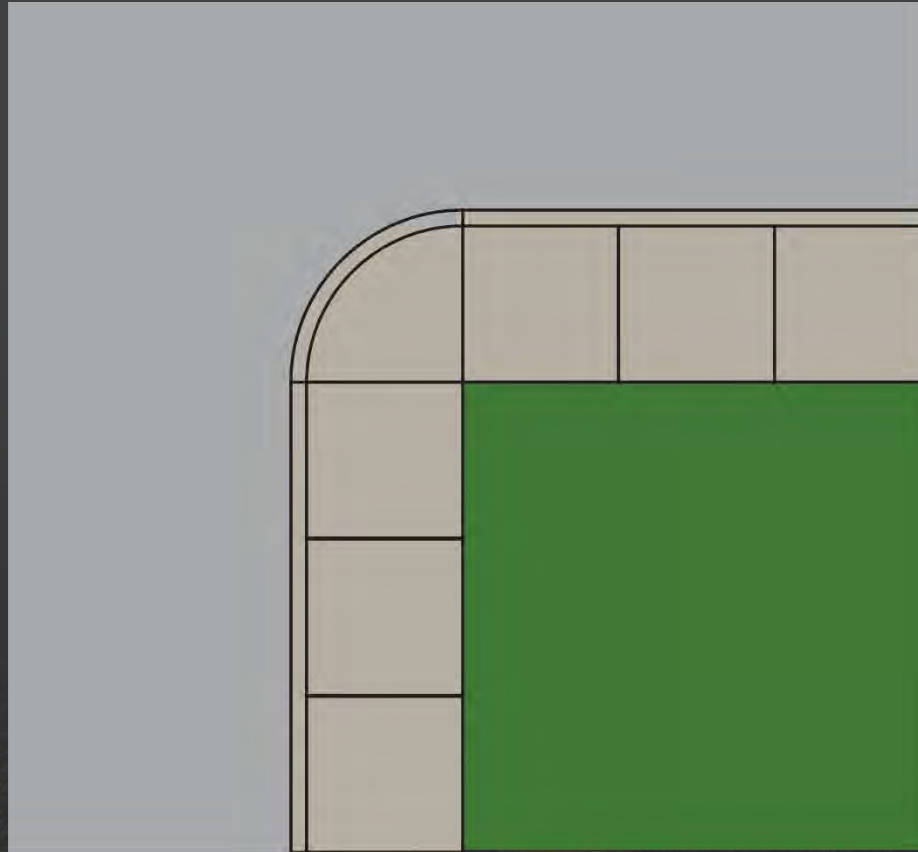Make any adjustments for scenery

Applying the foam

Abut the road surface to grade crossing
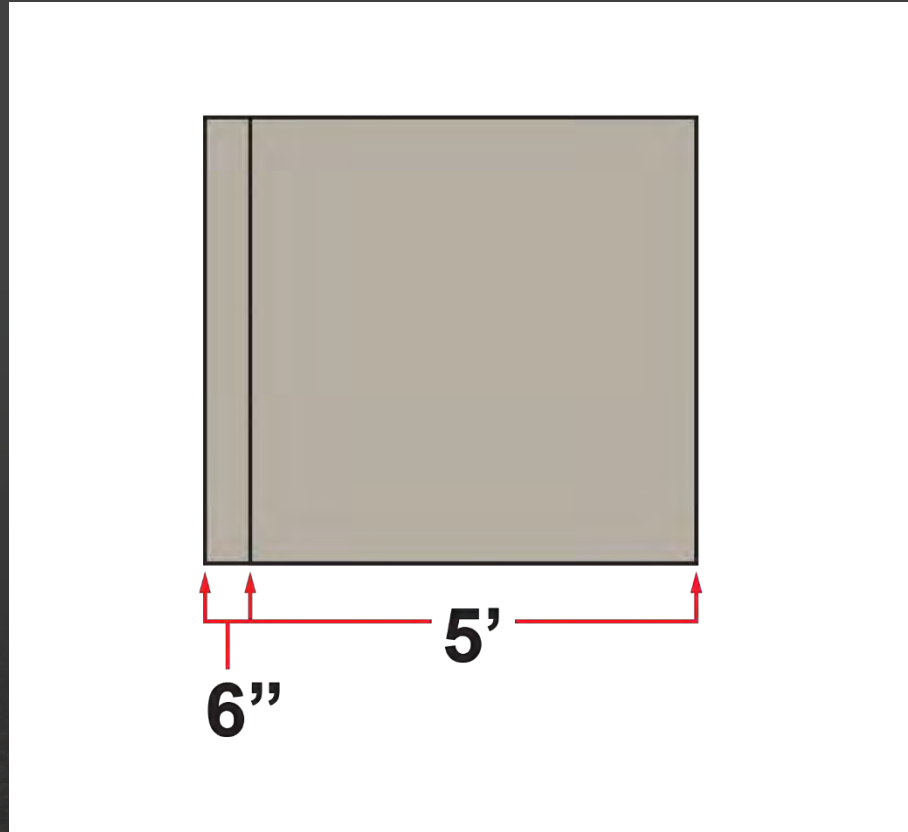
Applying the foam

Glue additional cross roads or parking lots
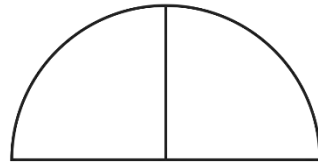
Adding Sidewalks

Creating curbs and expansion joints
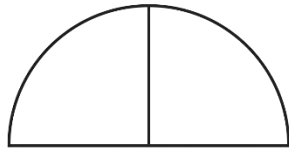
Adding Sidewalks

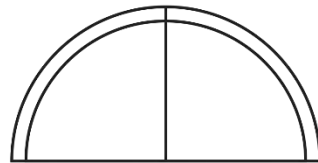Basic dimensions of a sidewalk
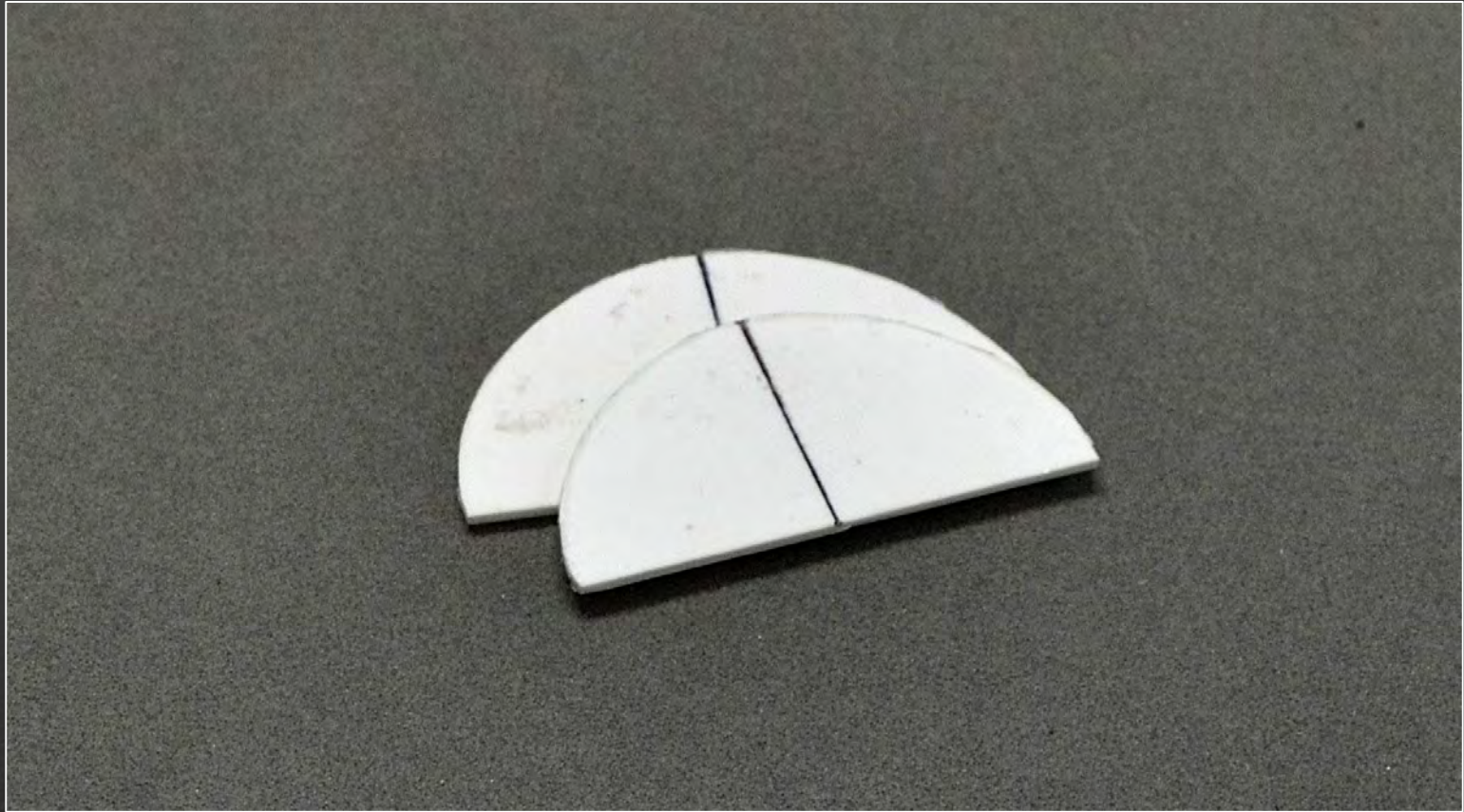
Adding Sidewalks
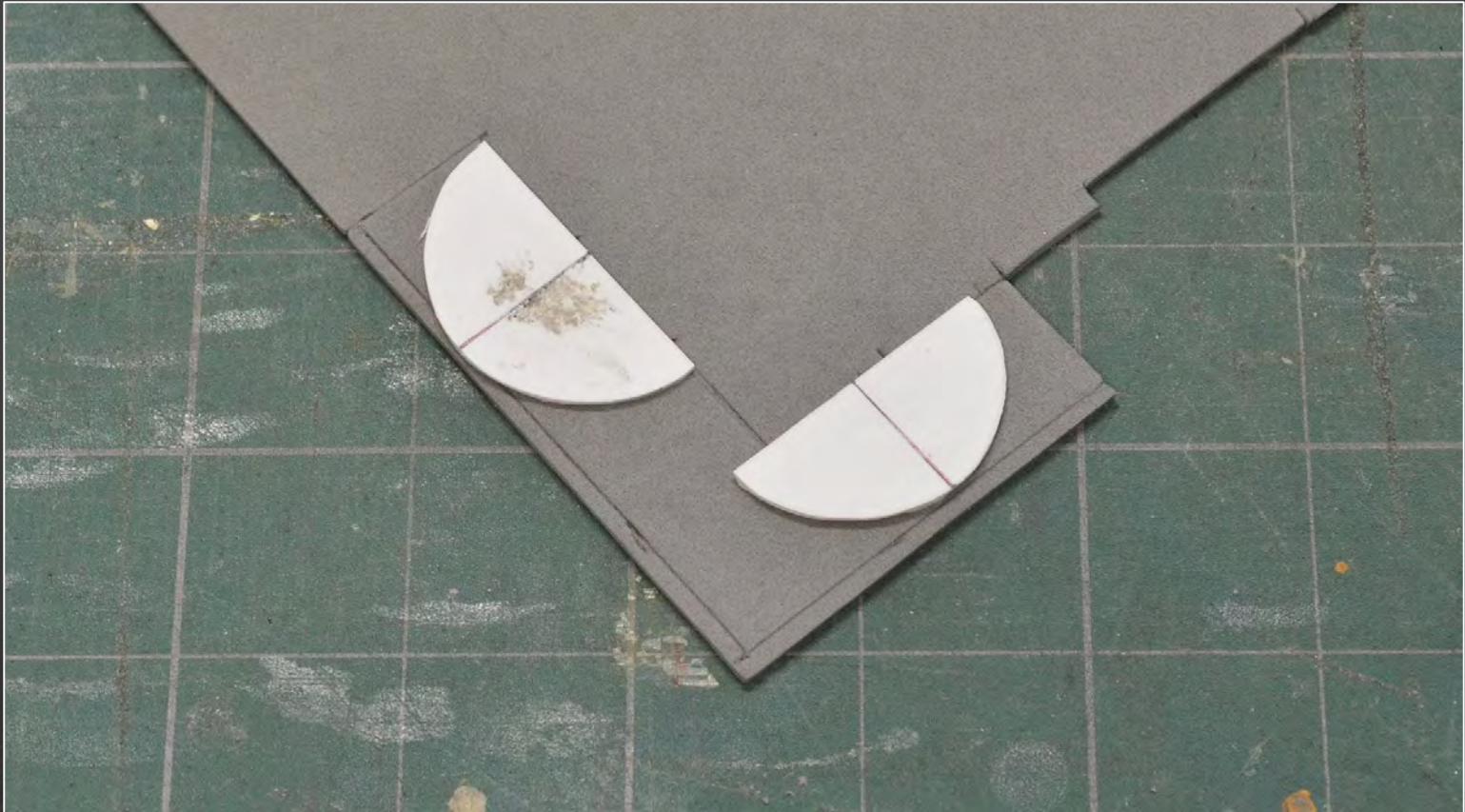

11' Diameter

10' Diameter
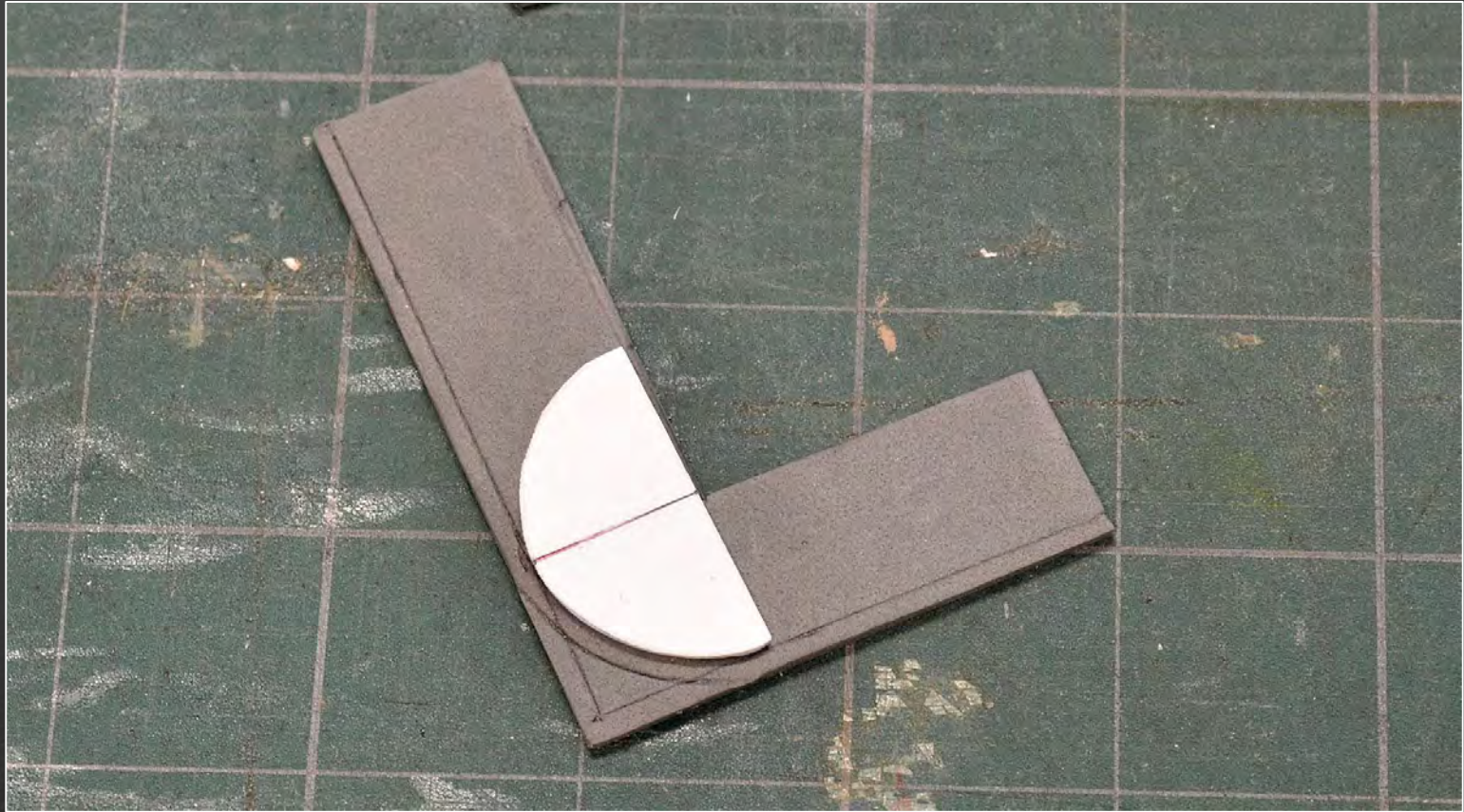
Make a Curb / Measuring tool

Adding Sidewalks

Cut and sanded from 0.06" Styrene

Adding Sidewalks

Place the larger tool against the edge and mark

Adding Sidewalks

Cutout the sidewalk and mark the curved corner
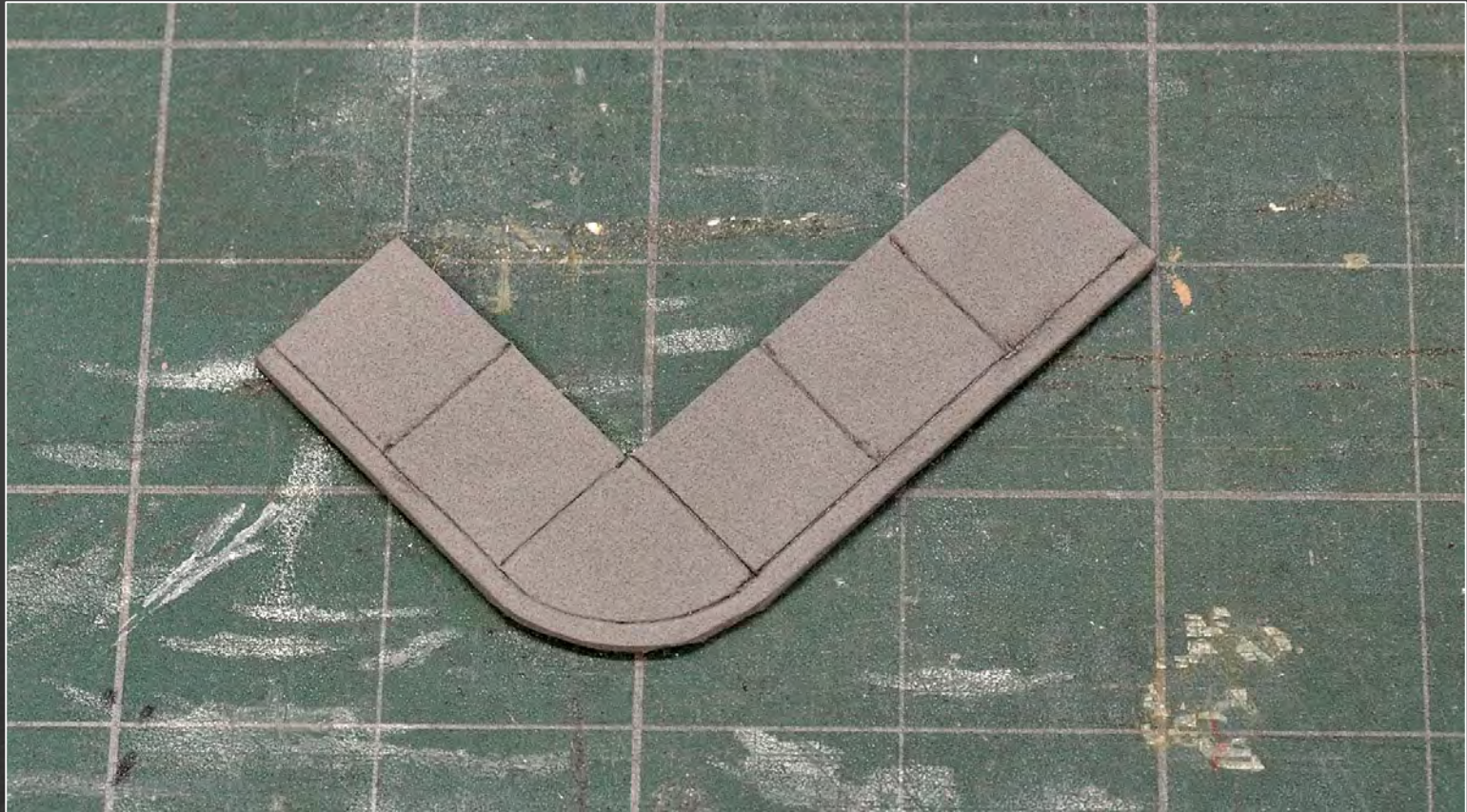
Adding Sidewalks

Cut the curved corner with sharp scissors

Adding Sidewalks

Use the smaller tool to mark your curbs.
Connect the marks with the pencil.
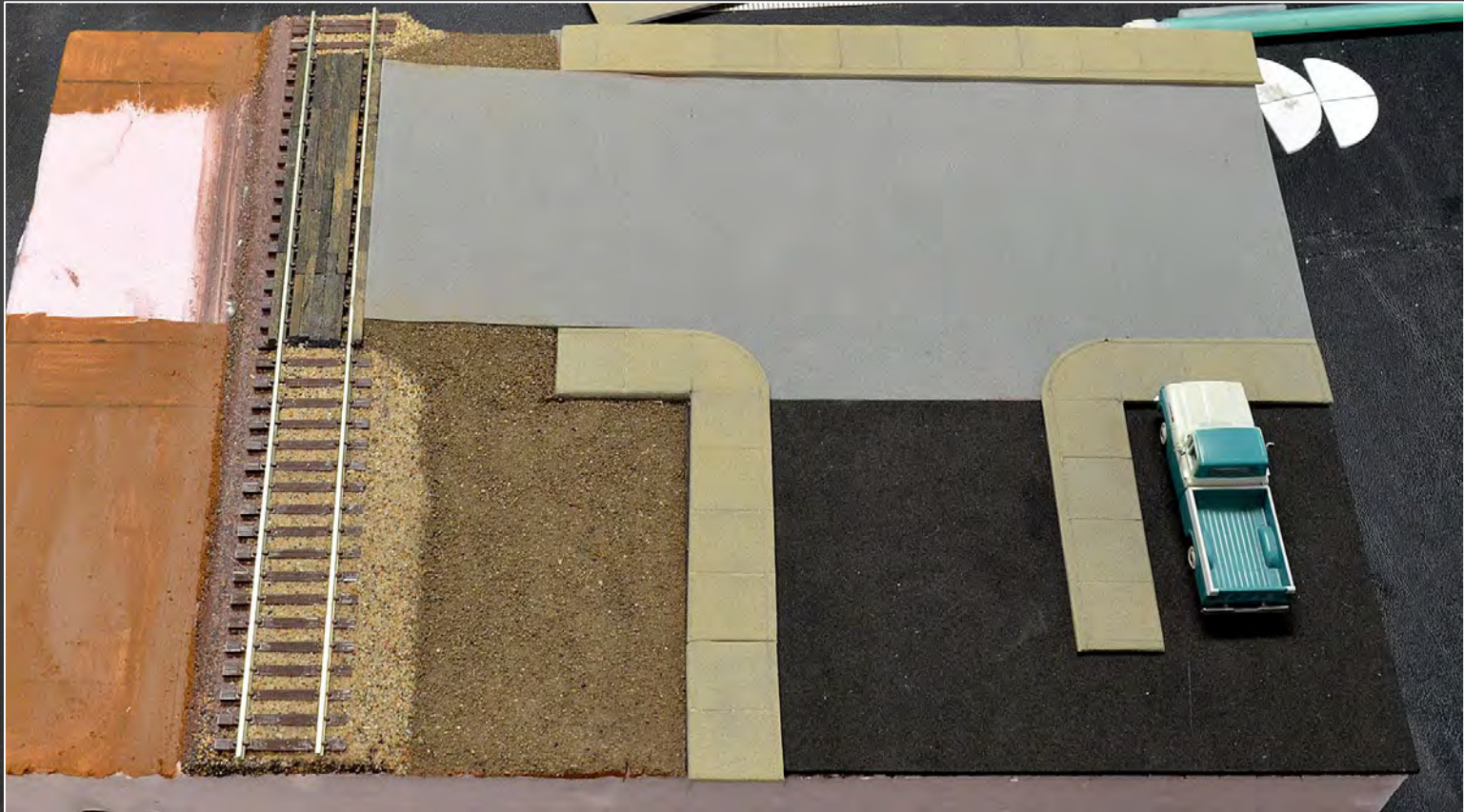
Adding Sidewalks

Measure out 5' squares and add the
expansion joints with the pencil

Adding Sidewalks

Add any additional scenery elements before gluing the sidewalks.

Adding Sidewalks

Paint the sidewalks an appropriate concrete color.

Adding Sidewalks

My preferred paint is acrylic craft paint
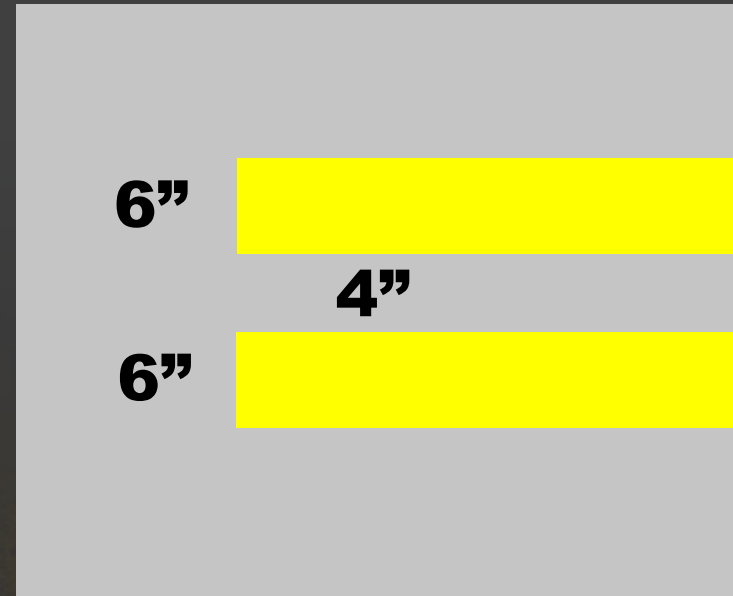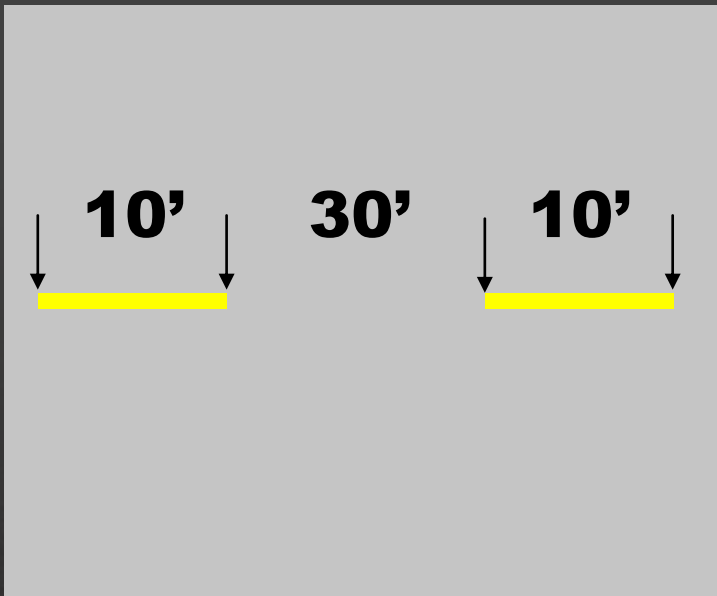from the craft store like Michaels.

Adding Sidewalks

Colors chosen are:

Black, Dark Gray, "Barnwood", Burnt Sienna, "Camel"

Pavement Marking

Typical Marking Dimensions

Pavement Marking

Different Methods:
- Decals
- Dry Transfer (Rub On)
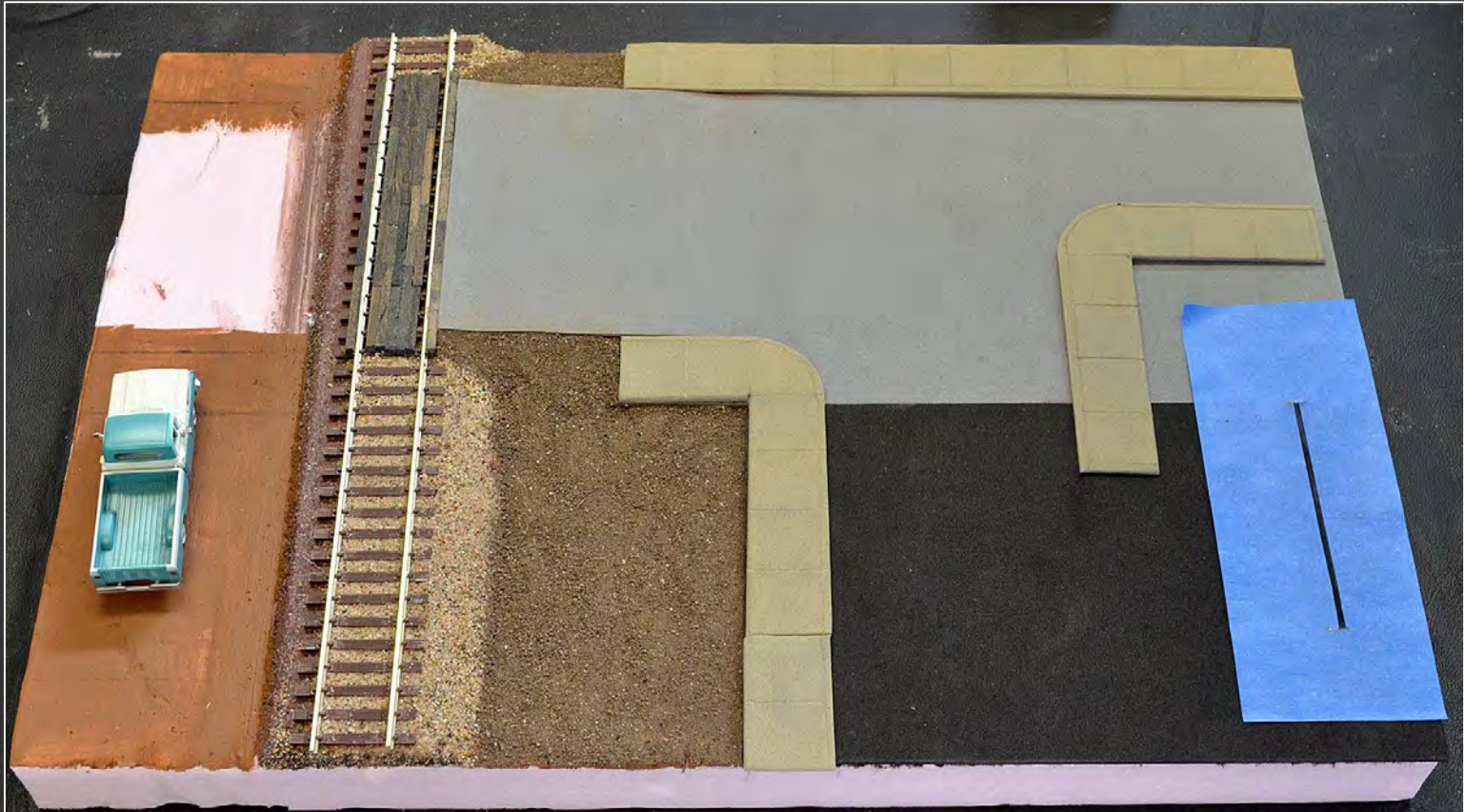- Pin Striping Tape
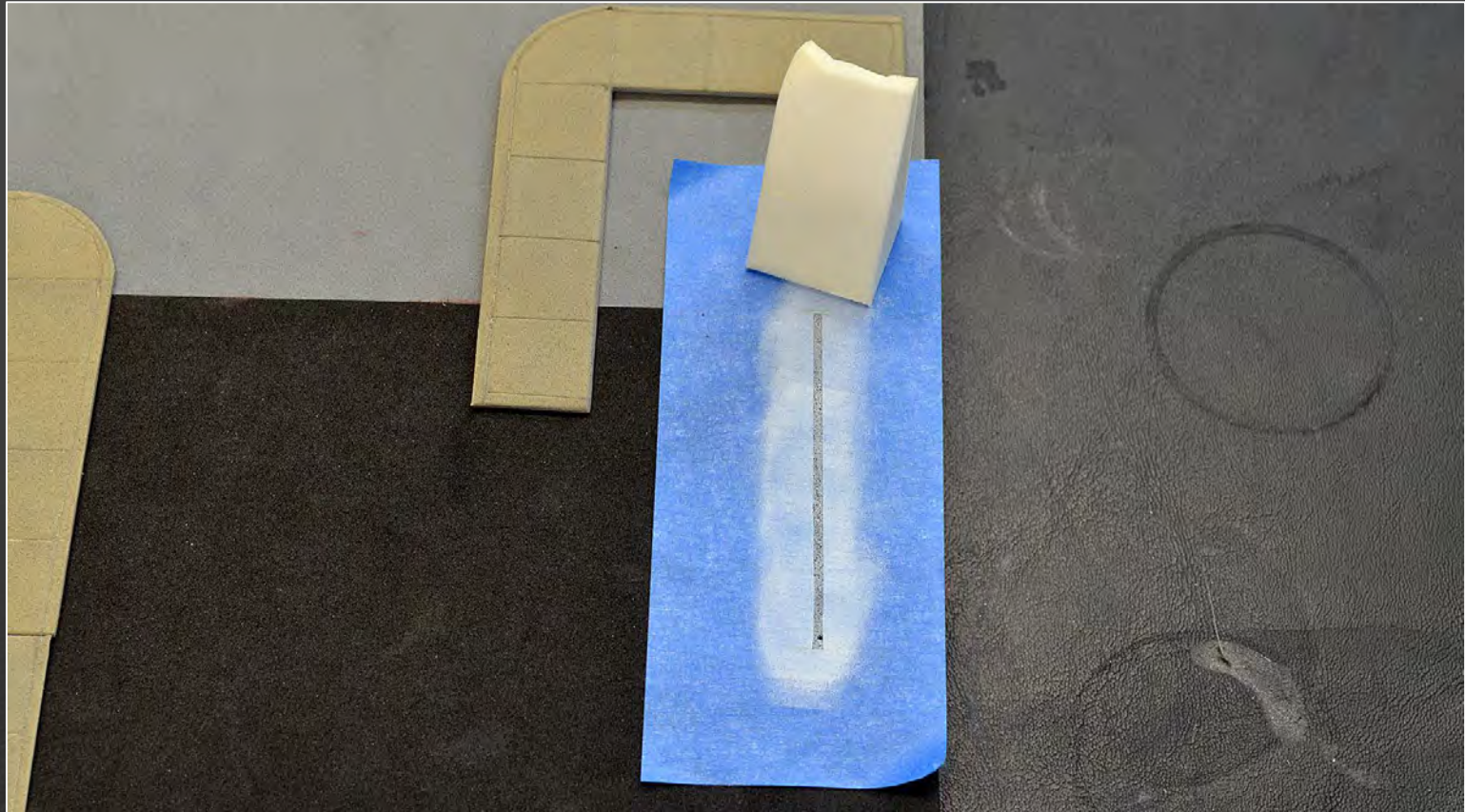- Chalk Pencil

Pavement Marking

Paint Markers:
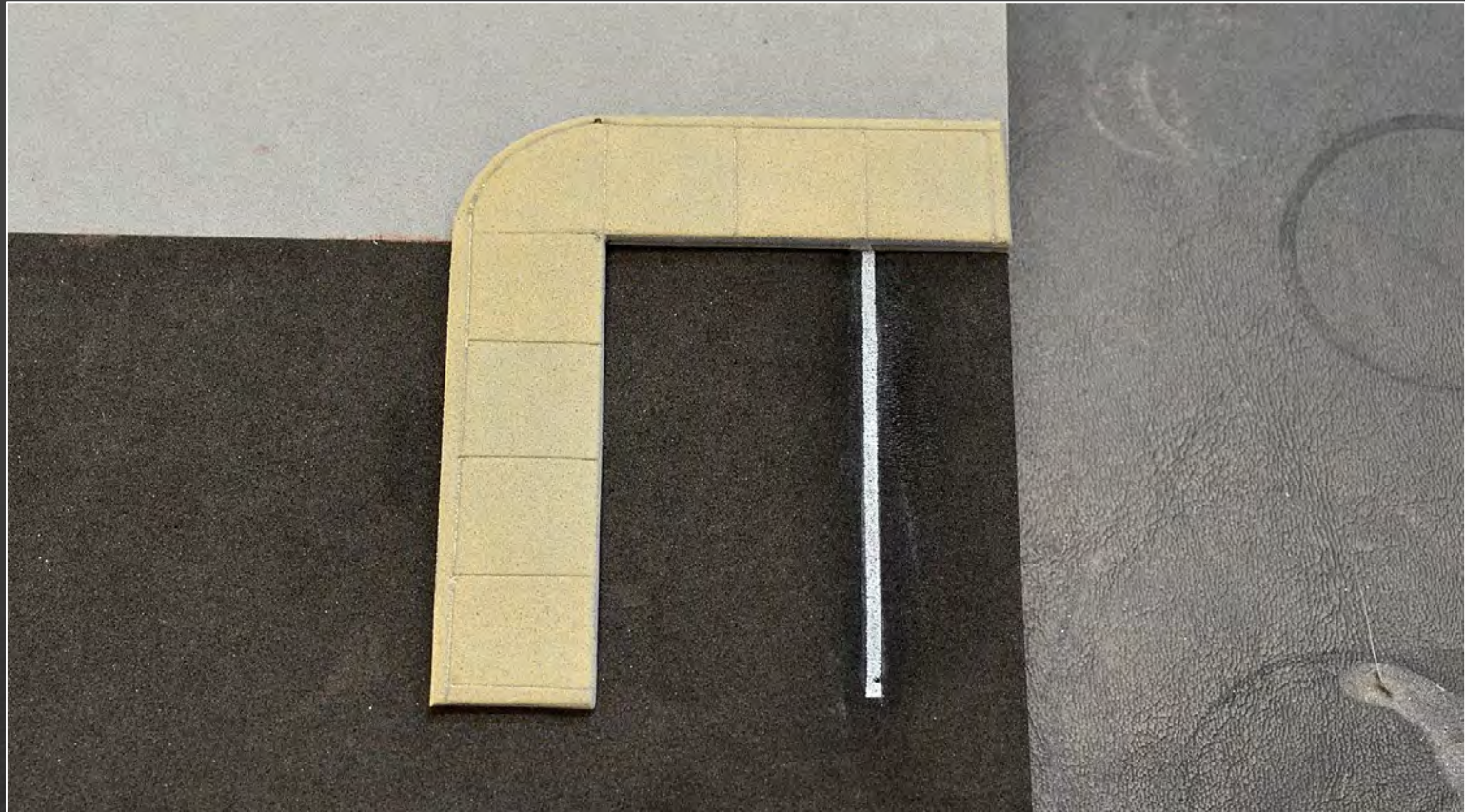Testors, Woodland Scenics, Fabric Markers

Pavement Marking

"My" Preferred Method:
Masking with Painters Tape and Craft Paint
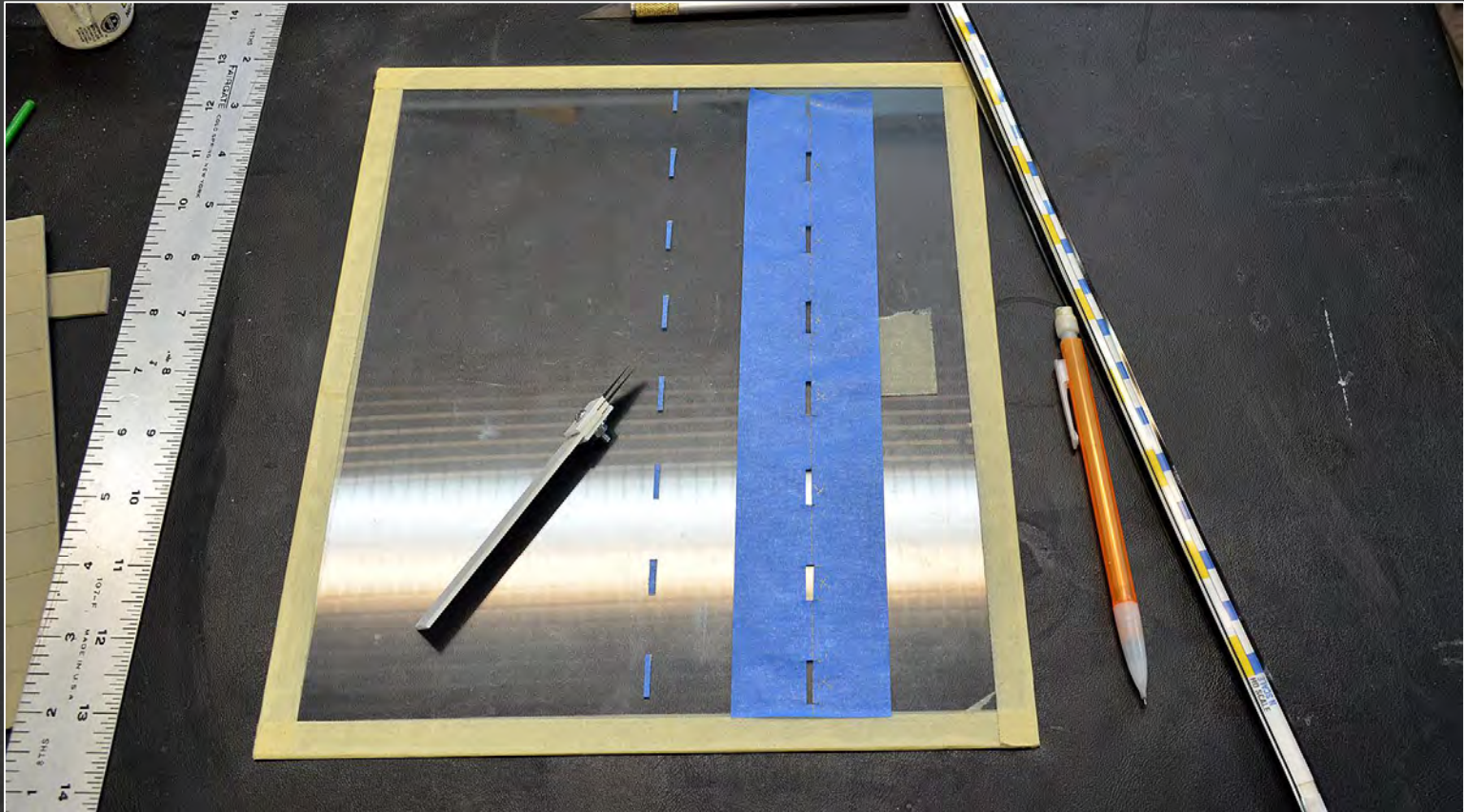
Pavement Marking

"My" Preferred Method:
Craft Paint applied with a cosmetic sponge
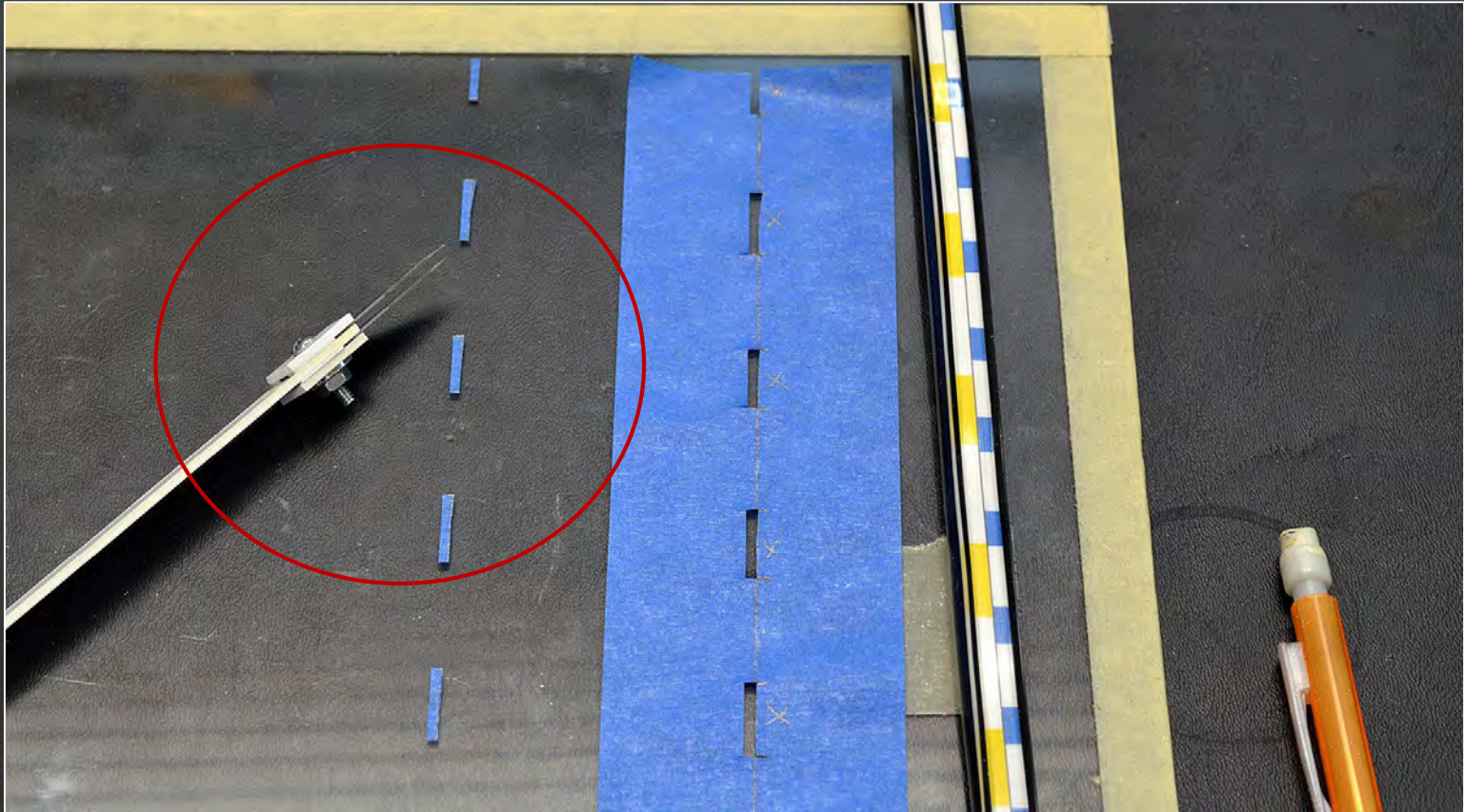
Pavement Marking

"My" Preferred Method:
The final result!
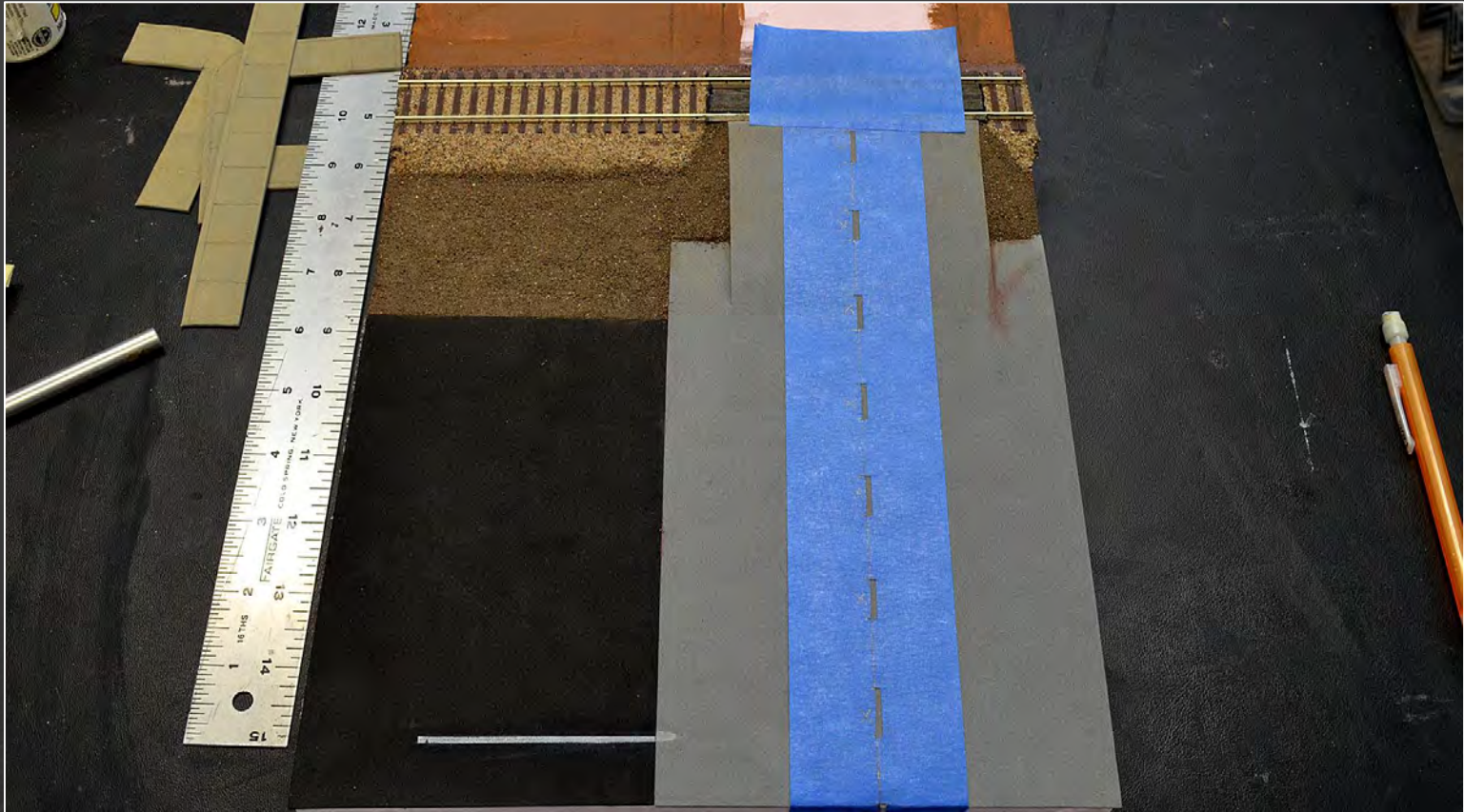
Pavement Marking

Cutting out road striping mask with an Xacto blade and plate glass.
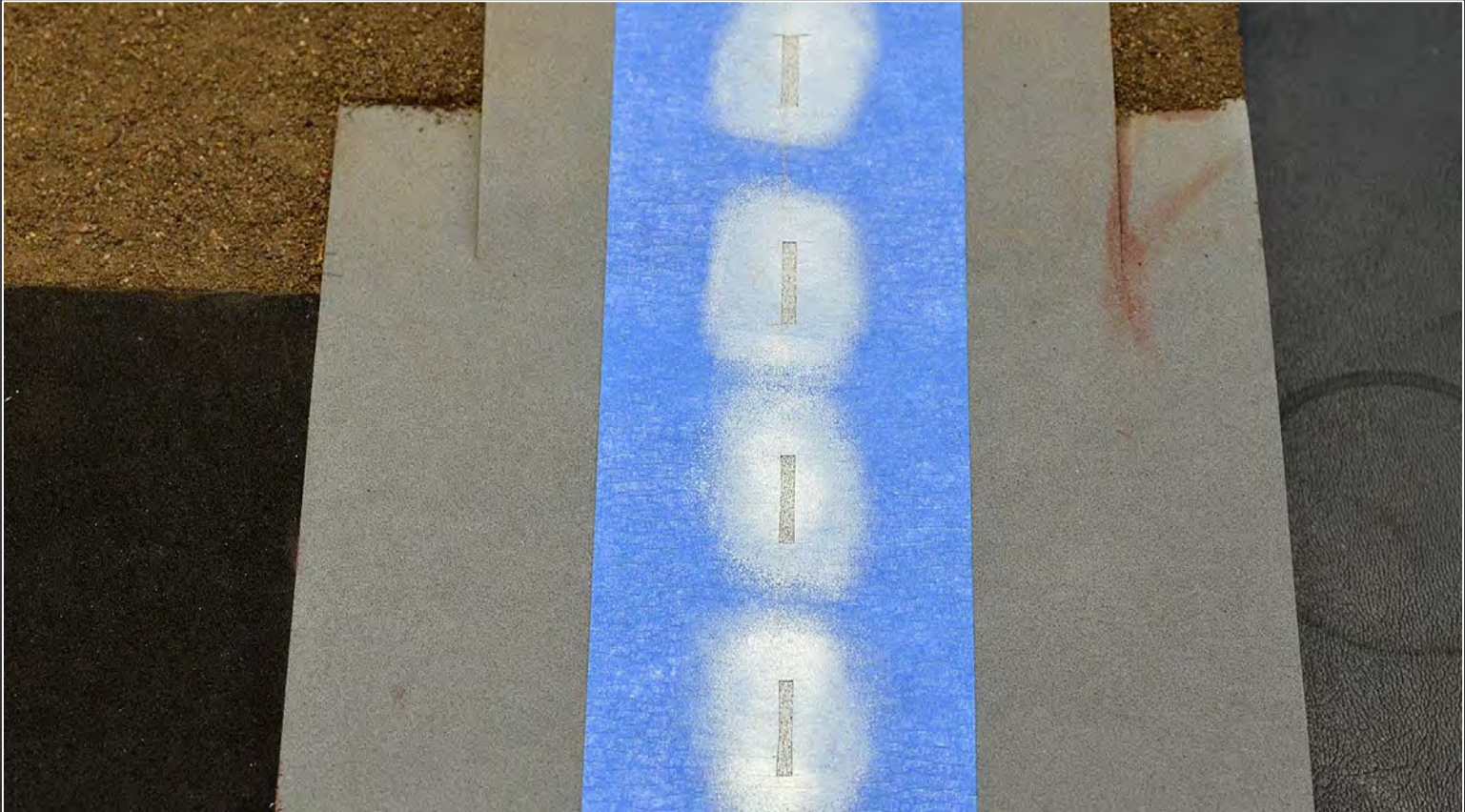
Pavement Marking

I made a special tool with two Xacto blades spaced a scale 6" apart.

Pavement Marking

Paint mask applied to the rod surface.

Pavement Marking

White Craft Paint applied with a sponge

Pavement Marking

The result with the mask removed.

Pavement Marking

Glue sidewalks to road the surface.
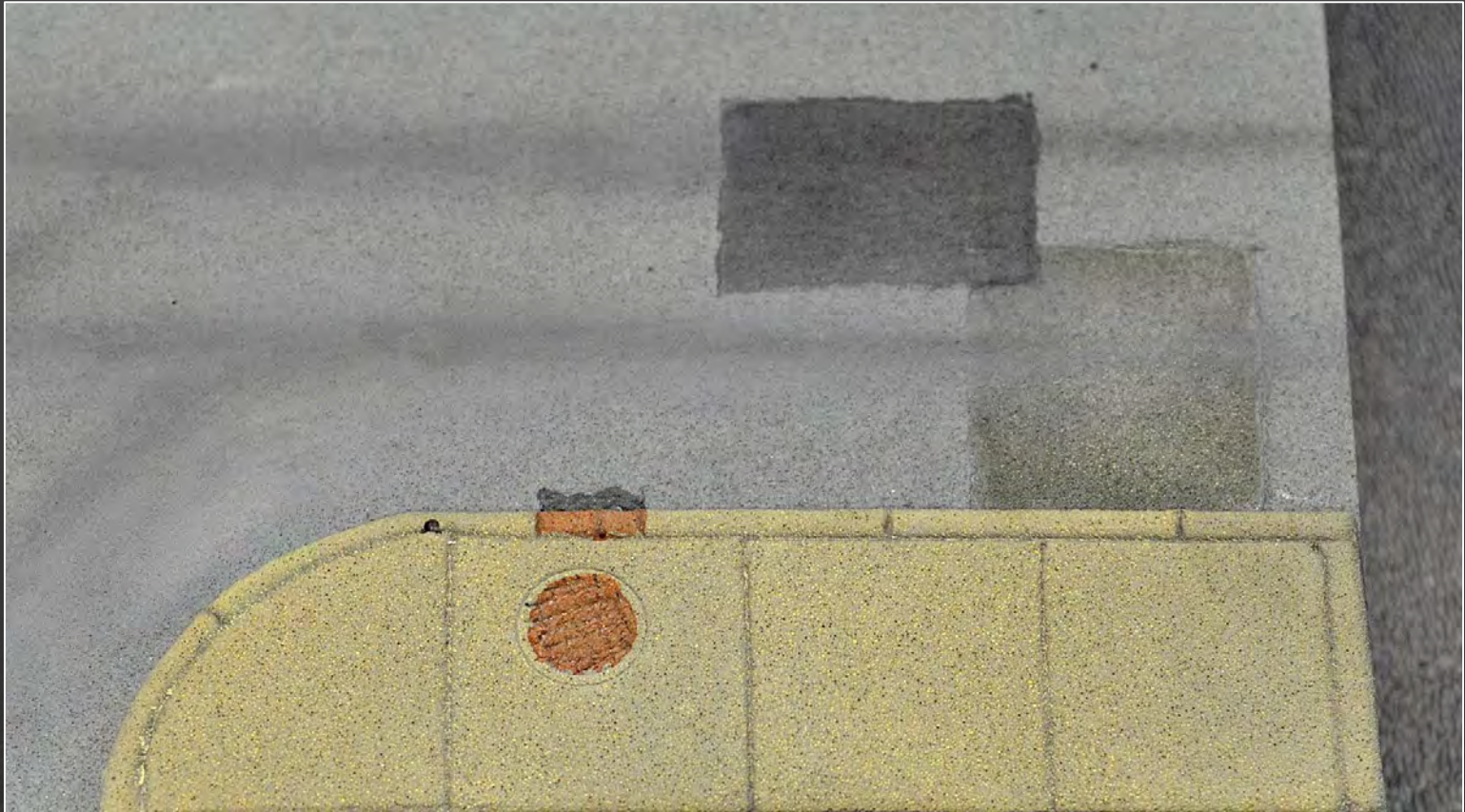
Pavement Details

Time to add weathering to the road surface, pavement patches and other details.
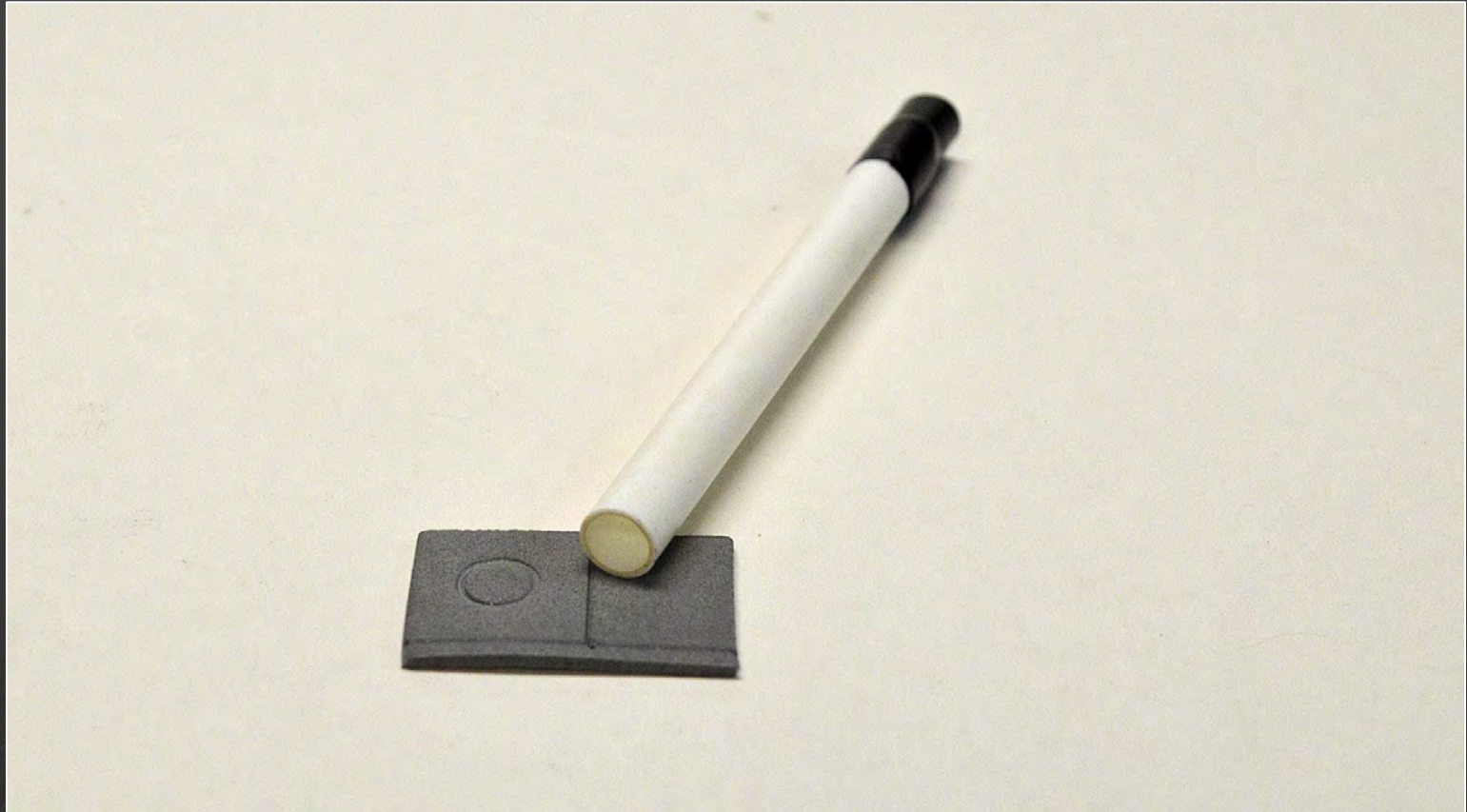
Pavement Details

Create "pot" holes by diggings out the foam and adding cracks with the pencil.

Pavement Details

Create patches with
different colors of Craft Paint.

Pavement Details

Man-hole covers are created with a piece of styrene tubing pressed into the foam.

Pavement Details

Man-hole covers come with
a variety of textures and looks.

Pavement Details

Create a cross hatch texture with a pencil and stain a rusty color.
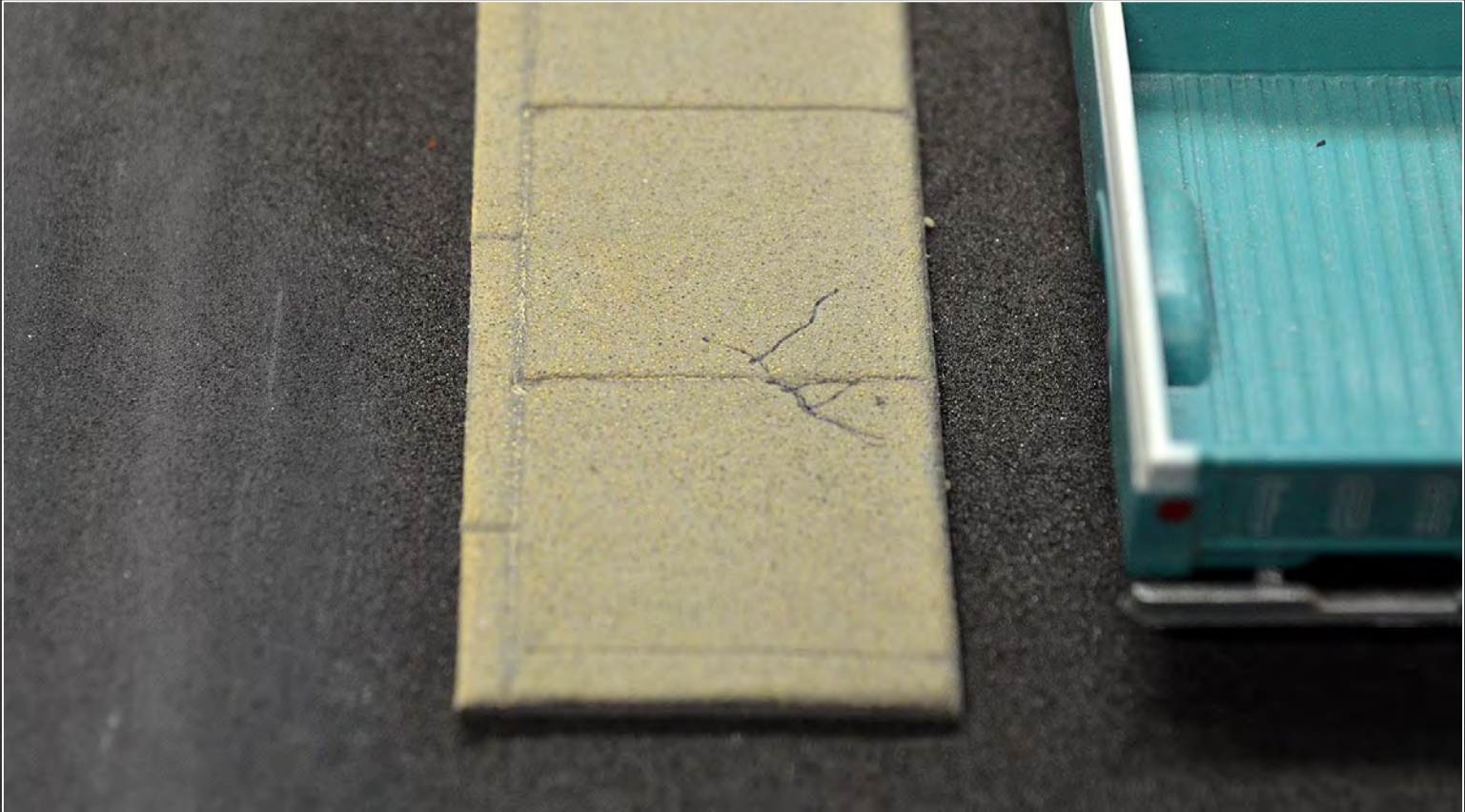
Pavement Details

Create an alligatoring pattern.

Pavement Details

Create the alligatoring pattern with the pencil and lightly flow in black paint.
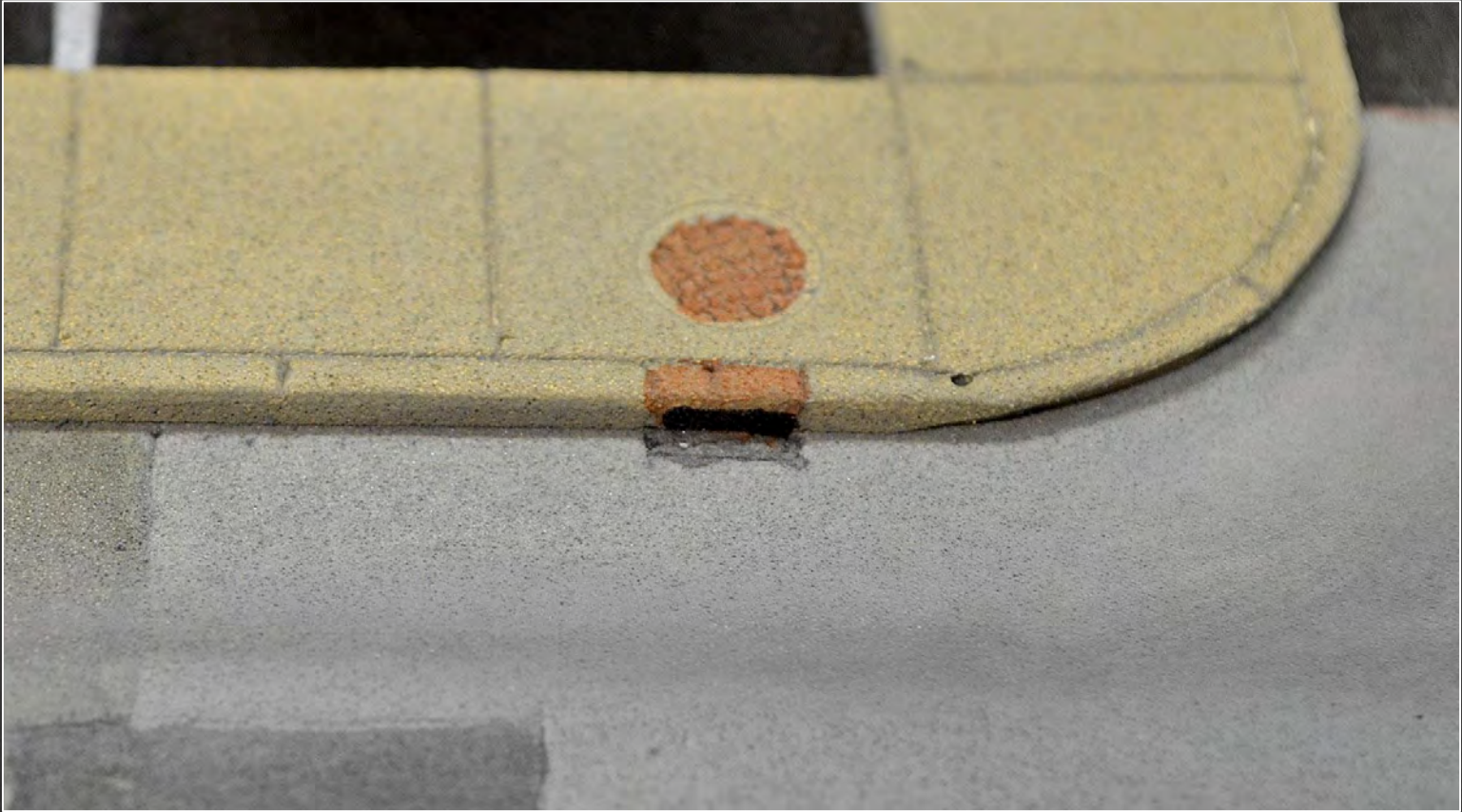
Pavement Details

Don't forget about adding cracks to the sidewalks with a pencil or fine marker.

Pavement Details

Add drainage along the street.

Pavement Details

Painting the curb a rusty color and add black to the side of the curb to represent the grate.

Thank You!