



PROTOTYPE MODELING

THE REAL WORLD IN MINIATURE

RESEARCH

History ~ Dimensions ~ Photographs

Materials ~ Maps ~ Other Contexts



TOOLS

Books ~ Library of Congress (Sanborn Insurance Maps) ~ Google
~ Historical Societies ~ 1st Person memories ~ Field Trips

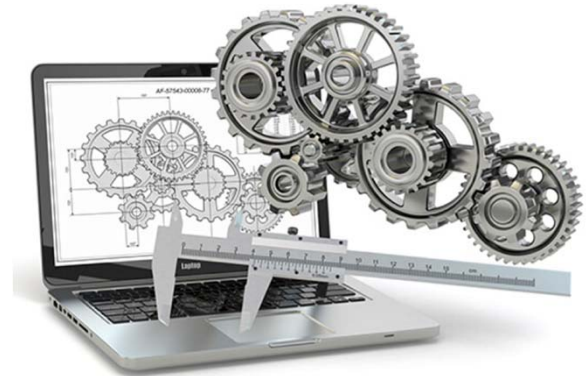


PROTOTYPE MODELING

THE REAL WORLD IN MINIATURE

SCALE PLANS

Footprint ~ Height ~ Roof slope
Doors & Windows ~ Topography



TOOLS

Manual Drafting Tools ~ Computer Assisted Design ~ Projection
Scale Conversion ~ Spreadsheets ~ Calipers



PROTOTYPE MODELING

THE REAL WORLD IN MINIATURE

CONSTRUCTION

Carpentry ~ Electrical ~ Trackwork

Miniature Tools ~ Artwork



TOOLS

Knives, ~ Saws ~ Drills ~ Clamps ~ Jigs

Micrometers ~ Glues ~ Paints ~ Terrain Materials



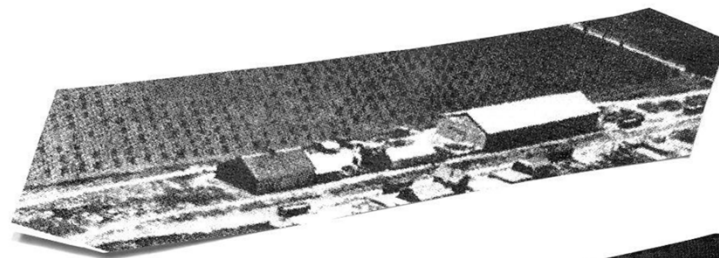
PROTOTYPE MODELING

THE END PRODUCT

THE REAL WORLD

(PROTOTYPE):

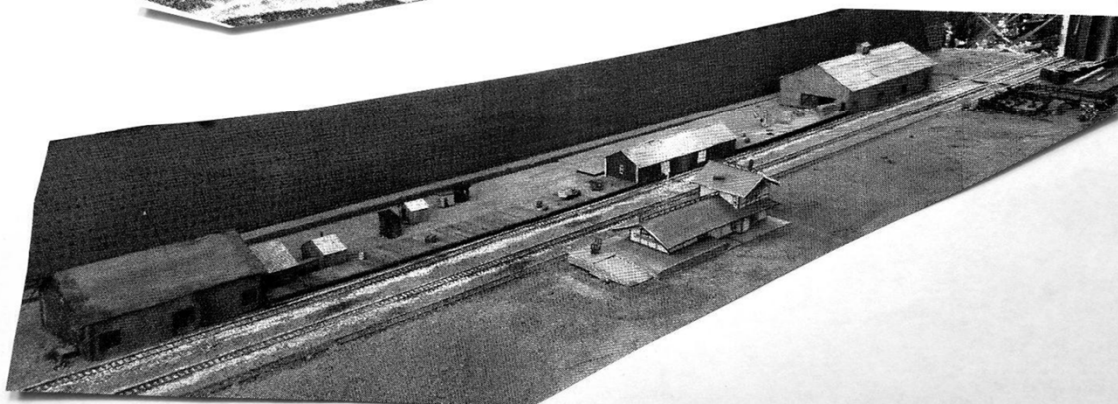
Period photograph, cropped to show the area to be modeled.



THE MINIATURE

(MODEL):

Black and white photograph of the model, cropped to show the same area. (See this at South Danville)





PROTOTYPE MODELING

REWARDS

- **Personal Satisfaction**
- **New Skills**
- **Display at Railroad or Historical Events**
- **Awards: NMRA Achievent Program**
- **Conventions**
- **Contests**
- **Donate to Museum**
- **Focus Area on Personal Model Railroad**





PROTOTYPE MODELING

QUESTIONS?

- Ask one of our members



Pete Birdsong



Steve Lane



Dave Connery



Paul Ingraham



Doug Smith



Brian Booth