

# Special Trackwork For Transit Applications

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# Applications of Special Trackwork

- As a manufacturer of special trackwork we tend to see a broad and varied market with many differing applications.
- These range from Commuter to Light Rail to Street Cars.
- Since Commuter and Light Rail are more closely aligned with conventional railroading practice we will concentrate here inner-city type applications.



# Extremes in Transit from a Manufacturing Perspective



Queens Interlocking  
LIRR



Sacramento 25M Turnout





# Design Considerations

- After Track alignments are established, turnout designs are subject to a Rail/Wheel study.
- The aim of this study is to evaluate the design and modify gauge and flangeways throughout the turnout to minimize wear, noise and vibration.
- These design parameters are frequently found to conflict with established standards.



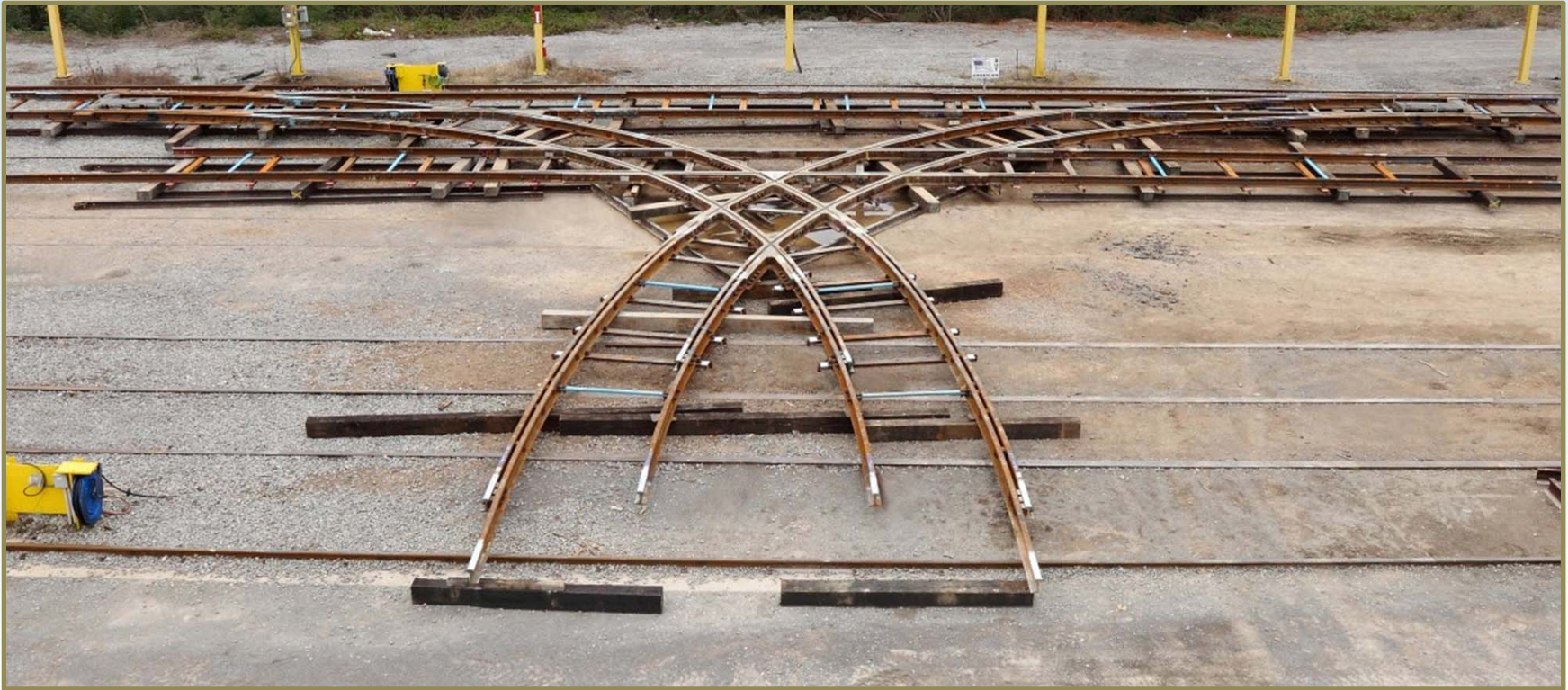
# Wheel Study Issues



# Wheel Study Issues



# Flange Bearing Frogs





# Noise Absorbing Fillers

