# Being a Big Data Detective to Understand Dynamic Vissim Inputs



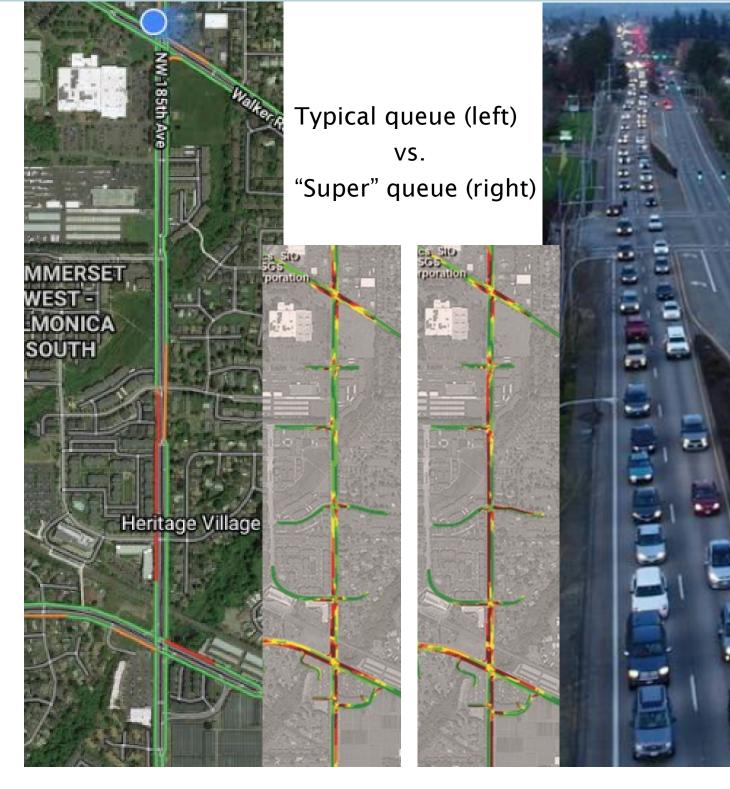
## What's The Problem?

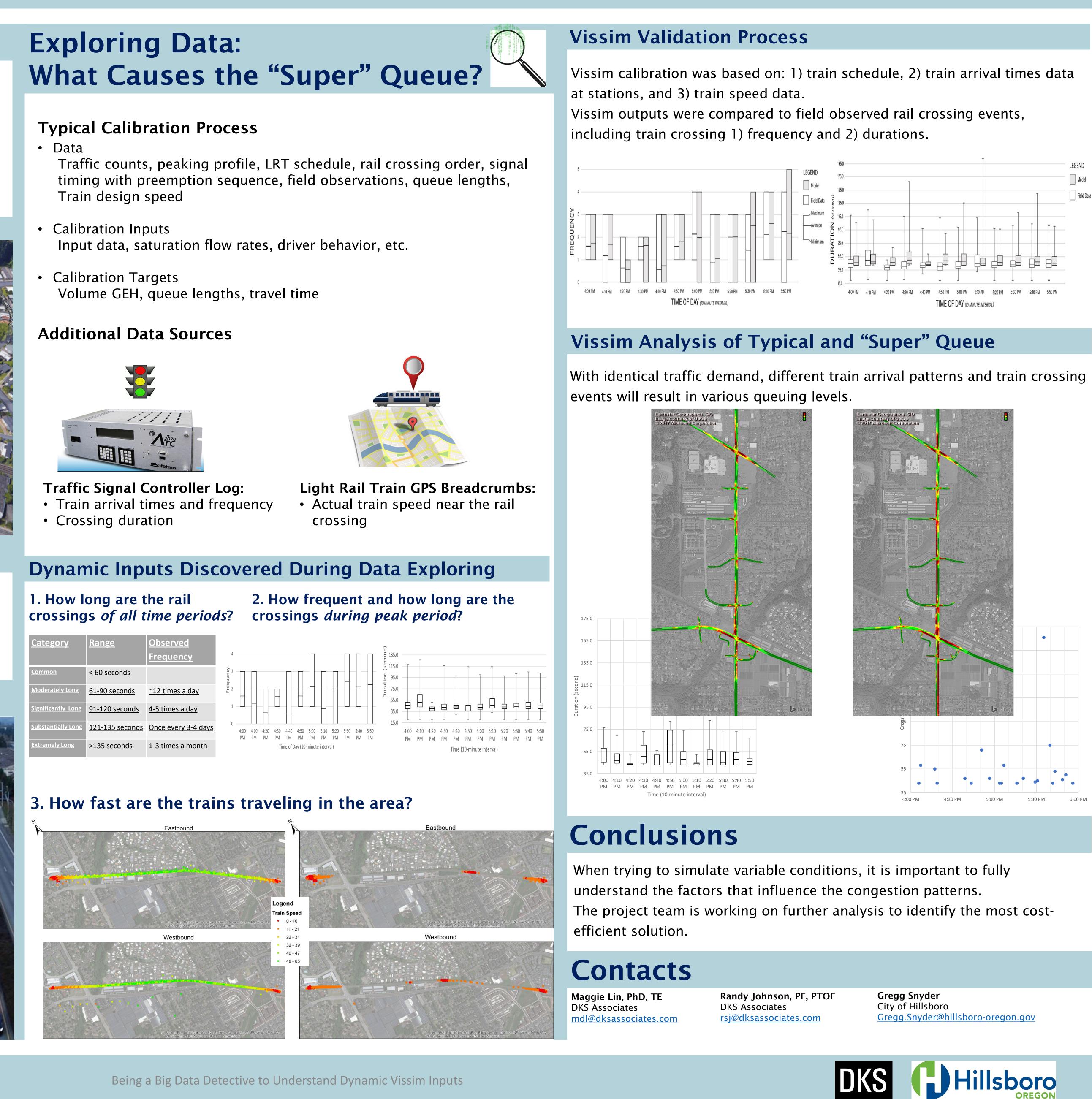
With increased LRT Frequency, how can we mitigate the impacts to traffic in the area?

- Widen intersection
- Rail/traffic signal solutions
- Grade separate Baseline Road
- Grade separate LRT

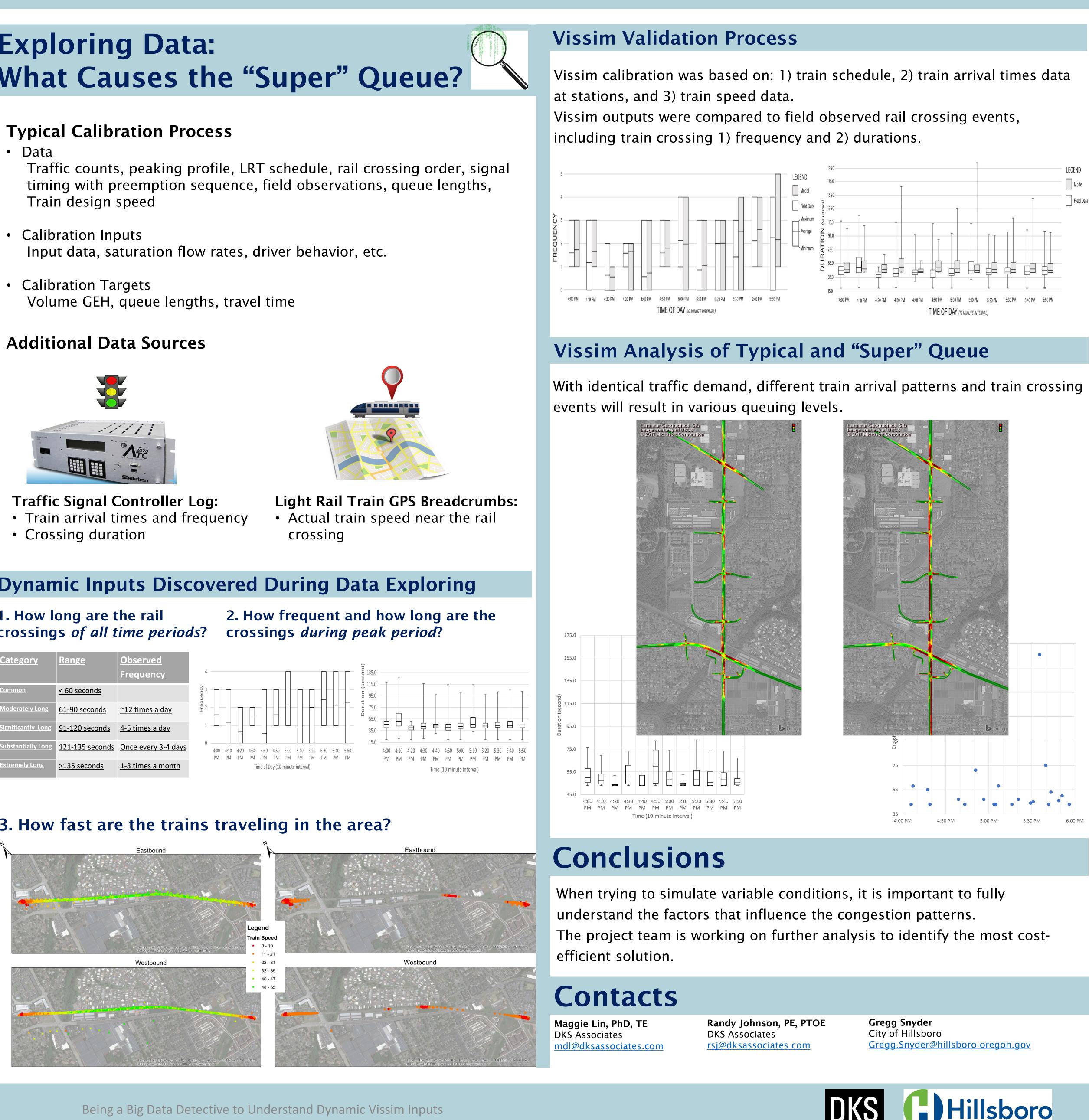
### **Modeling Challenges**

- The corridor experiences dynamic day-to-day congestions.
- Typical calibration process validates the model to an average condition.
- A "super" queue condition is experienced on this corridor with increasing frequency.
- Typical data inputs gathered in the model calibration process does not replicate the "super queue" conditions.





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