

Reduced Traffic Control Requirements for Utility Operations

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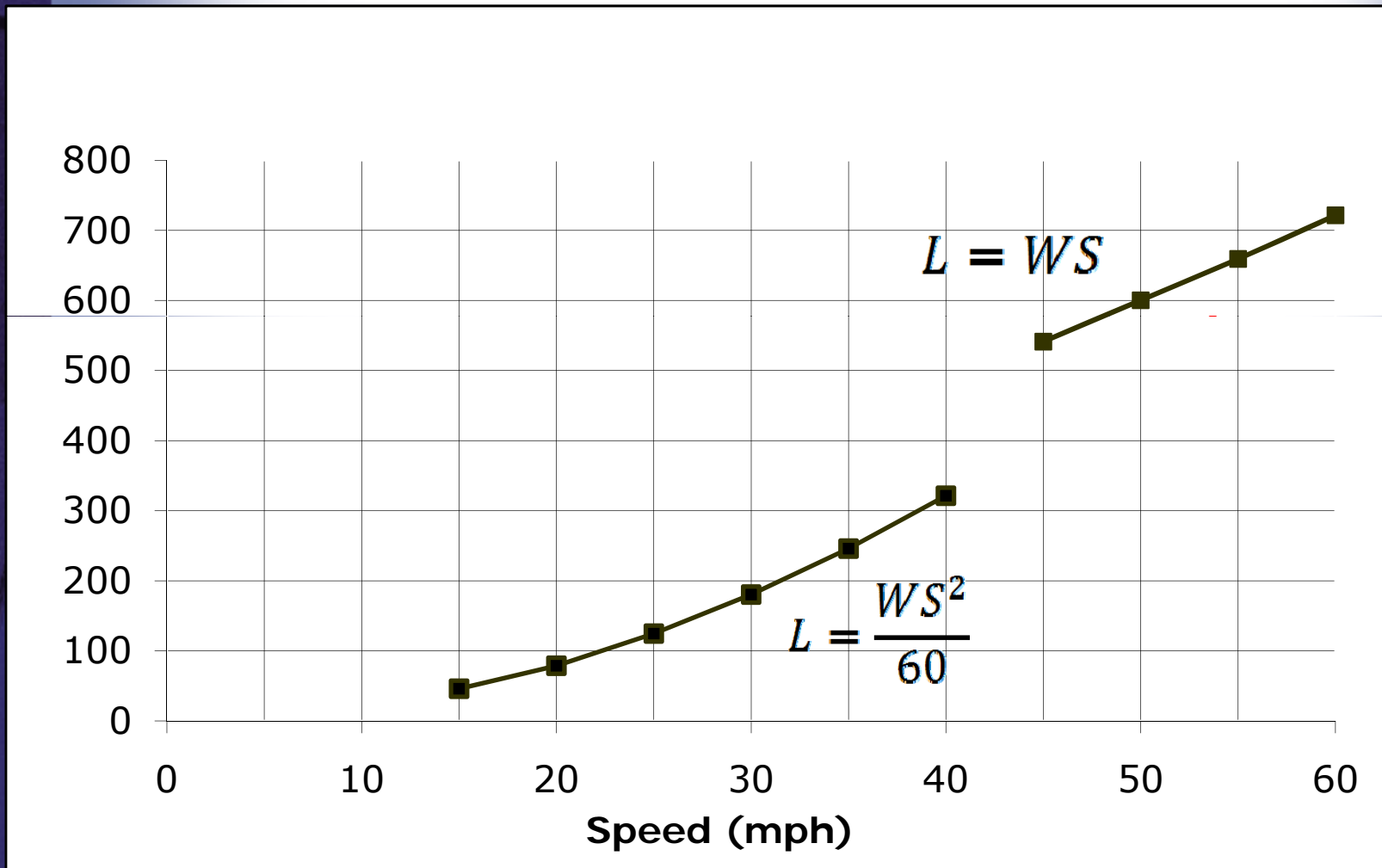


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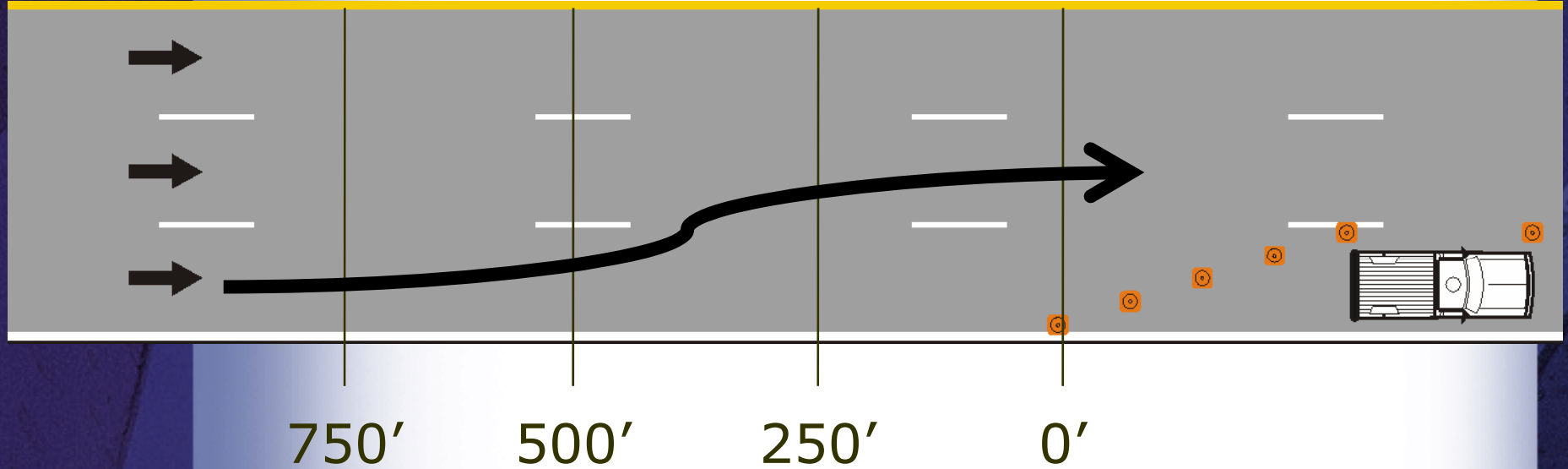
MUTCD Computed Merging Taper Lengths (ft)



Merging Taper Treatments



Measures of Effectiveness

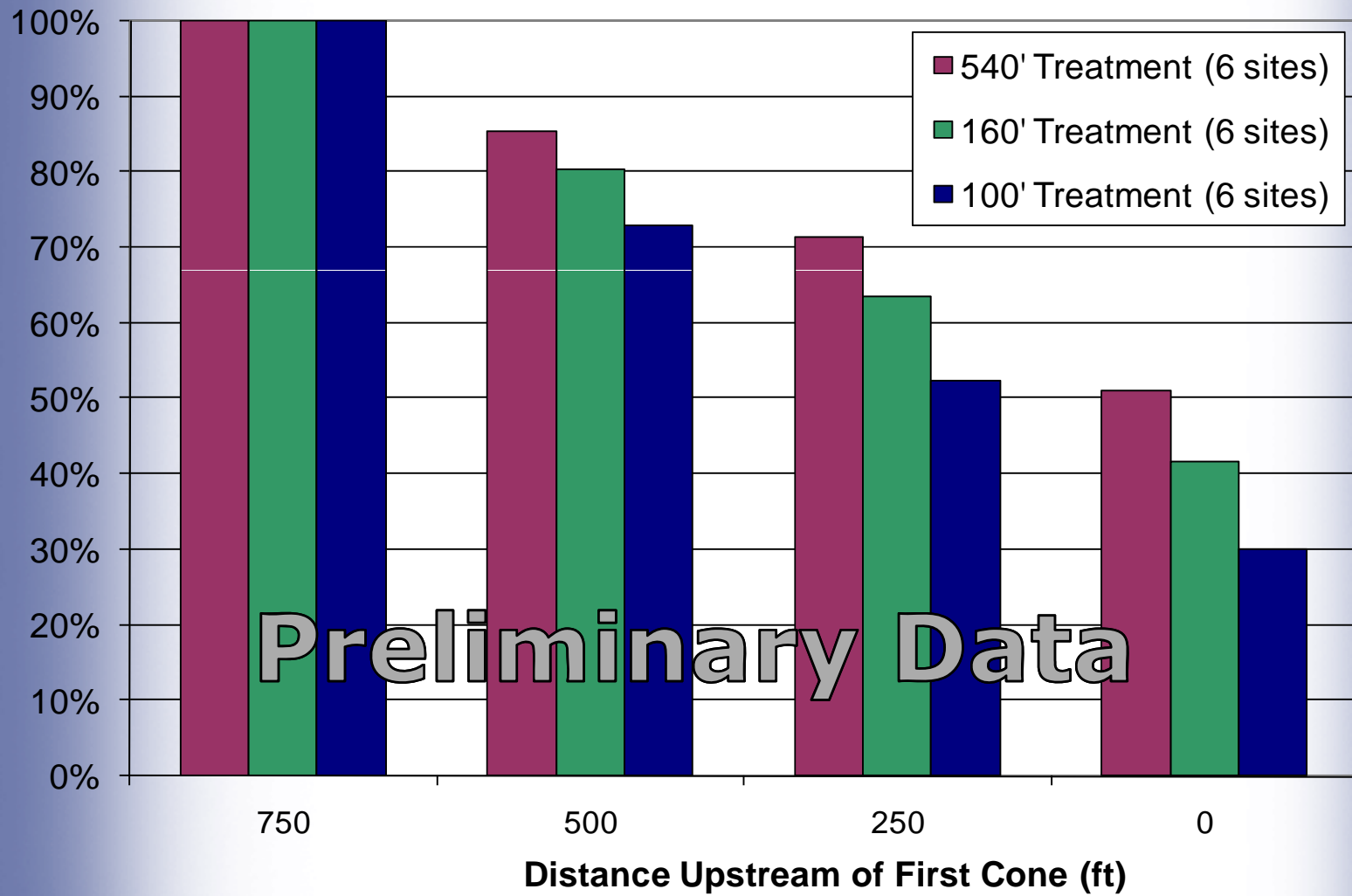


Not to scale

Experimental Plan

- Factors
 - Speed limit (40 & 45 mph)
 - Number of lanes remaining open (1 & 2)
- Six sites for each factor combination (24 total)
- All 3 treatments at each site
- Randomized treatment order

Percent of Traffic Remaining in Closed Lane



Preliminary Data

Next Steps

- Complete data reduction and analysis of daytime data
- Collect additional data, including nighttime setups
- Anticipate project completion in fall of 2009

Questions?

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