# Ohio Rail Grade Crossing Pilot Study

Gie

## August 2020 Update





Rail Development Commission



## **Study Objective**



Develop a methodology to evaluate rail-road grade crossings in Ohio and produce an adaptive capacity tool (and resulting score) that assesses atgrade crossing importance, redundancy, and overall adaptability.









#### **Adaptive Capacity Score Output**









**)hic** 

### What's Next

- Final Stakeholder Workshop
- Final Report
- Final Evaluation Tool & User Manual
- Develop metrics to compare ACS outputs across a set of crossings (city/county/rail corridor/statewide)
- Incorporate ACS output into evaluation of potential projects



#### **Contact Information**

Megan McClory Ohio Rail Development Commission <u>Megan.McClory@dot.ohio.gov</u> (614) 644-0289







#### **Public Importance**



#### Redundancy



CPCS



Delay to Road Users		
Rail Traffic Volume	Proximity to Signals, Sidings and Yards	Road Demand
Number of Day Trains	Inverse distance to closest rail signal, yard or siding	× Average Annual Daily Traffic (AADT)







**Rail Development** Commission

#### Safety

PUCO/ODOT Grade Crossing Hazard Index

**PUCO/ODOT Hazard Index** 







Commission