



OAK PARK STUDY SESSION #8

MAY 2016

- ❖ *CORRIDOR ROW EVALUATION*
- ❖ *SUSTAINABILITY*



Corridor ROW Evaluation

❖ GOAL: Determine optimal use of ROW



- Process:
 - Blue Line Vision Study
 - Design, operations, & safety analysis
 - Coordination

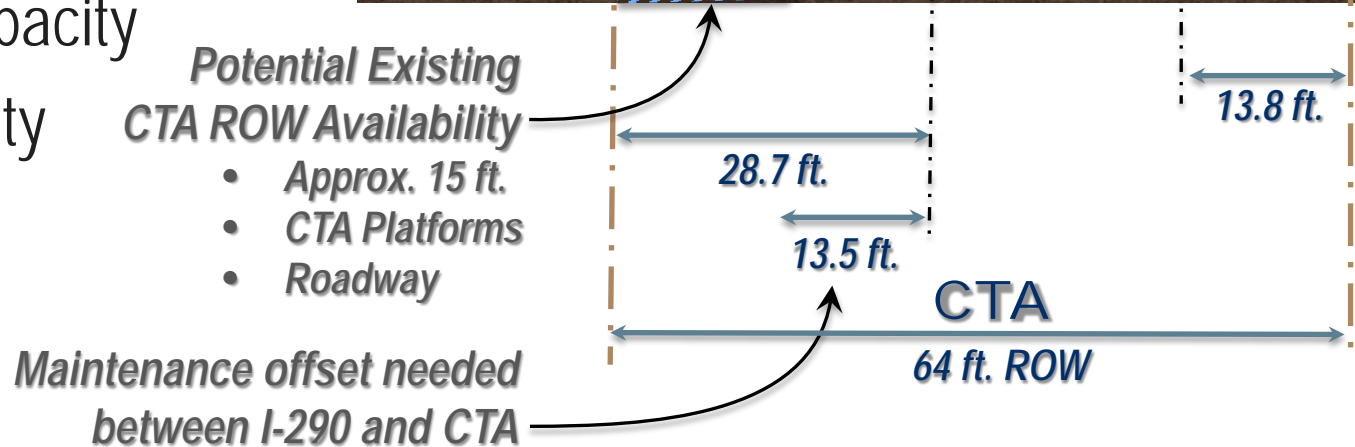
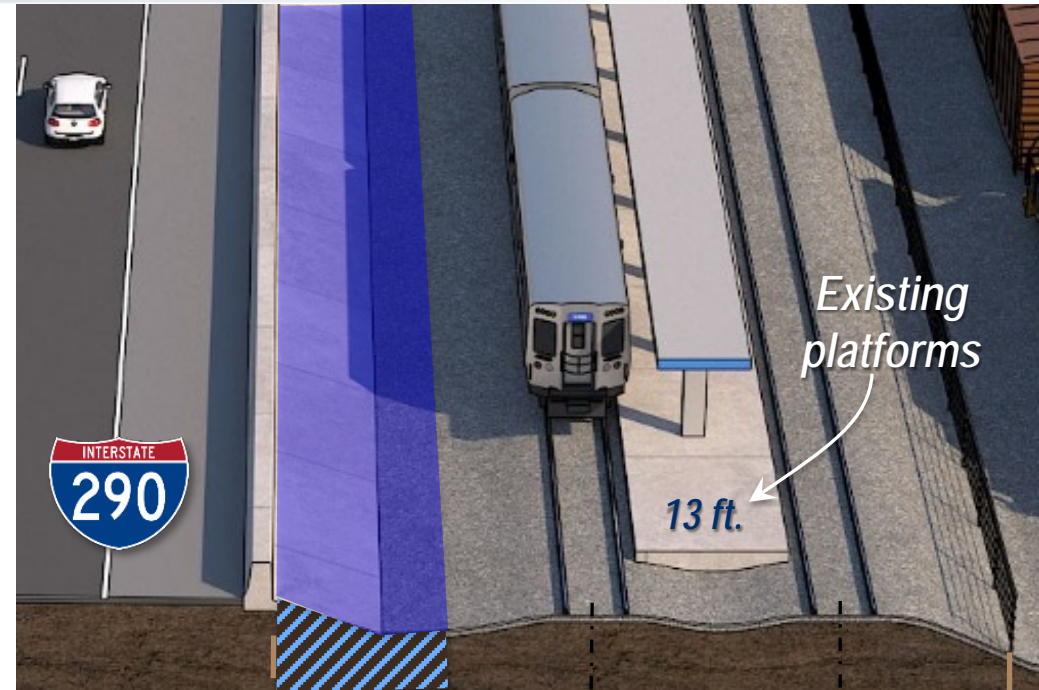
Corridor Right of Way Evaluation



- No freight railroad ROW available – CSX
- Ongoing coordination – vertical clearance
 - No raise in cross-road bridge elevations

Corridor Right of Way Evaluation

- I-290 Evaluation
 - No additional ROW
 - Up to 10 ft. of CTA ROW
 - Design & safety analysis
- CTA Evaluation
 - Maintenance clearance
 - Platform capacity
 - Station safety



■ Findings

- I-290 safety improved with/without additional ROW
- Wider shoulders – 2x safety improvement
- Lane widths – marginal safety difference
- CTA Platforms – end loaded
 - Design flexibility
 - ADA, safety, operational needs met with 5ft. to 7ft. platform widening

■ Recommendations

- Use up to 10ft. CTA ROW for wider shoulders
- Widen CTA Platforms
 - 18' to 21' wide
 - Subject to final design

Next Steps

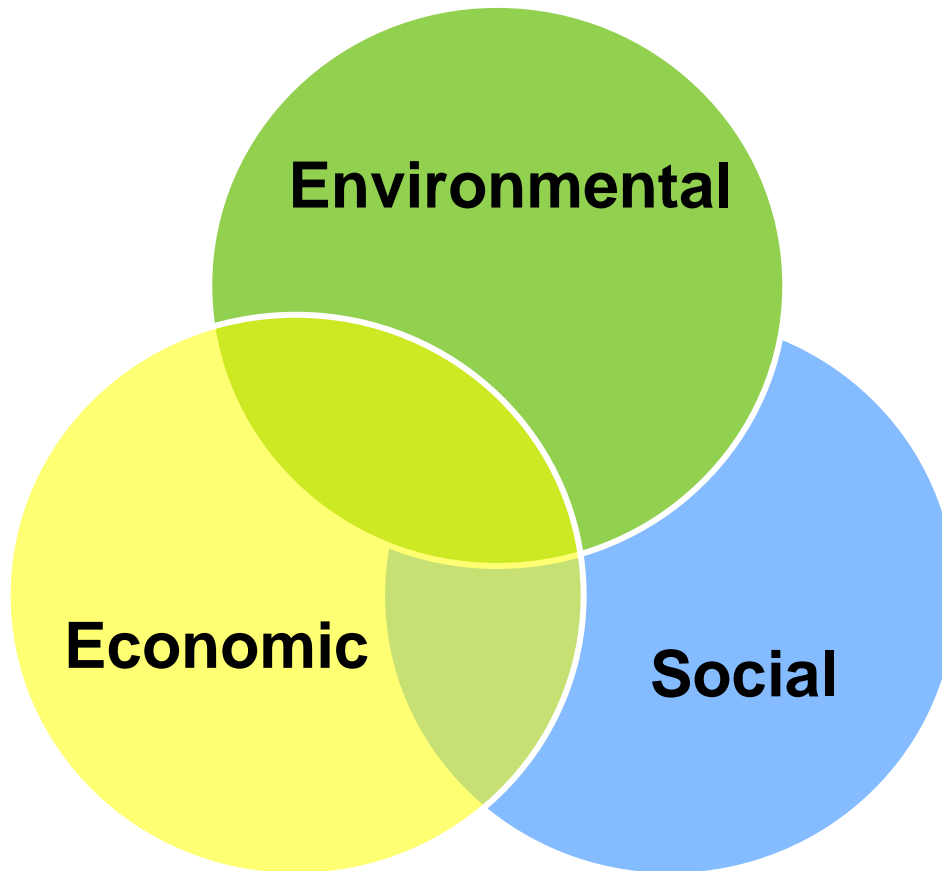
- Continued CTA coordination
 - Design
 - Funding
 - Schedules
- Continue/complete CSX coordination



Sustainability

What is Sustainability?

- “Triple Bottom Line” – Considers 3 Principles



- Avoid, minimize, mitigate
- Stakeholder engagement
- Robust technical evaluation
 - Environmental Impact Statement
 - Noise / air quality sensitivity analysis
- Expanded Public Spaces
 - Shared use path & green space: 4 ac
 - Additional sidewalk width: 0.9 ac
 - Total expanded area: 4.9 ac



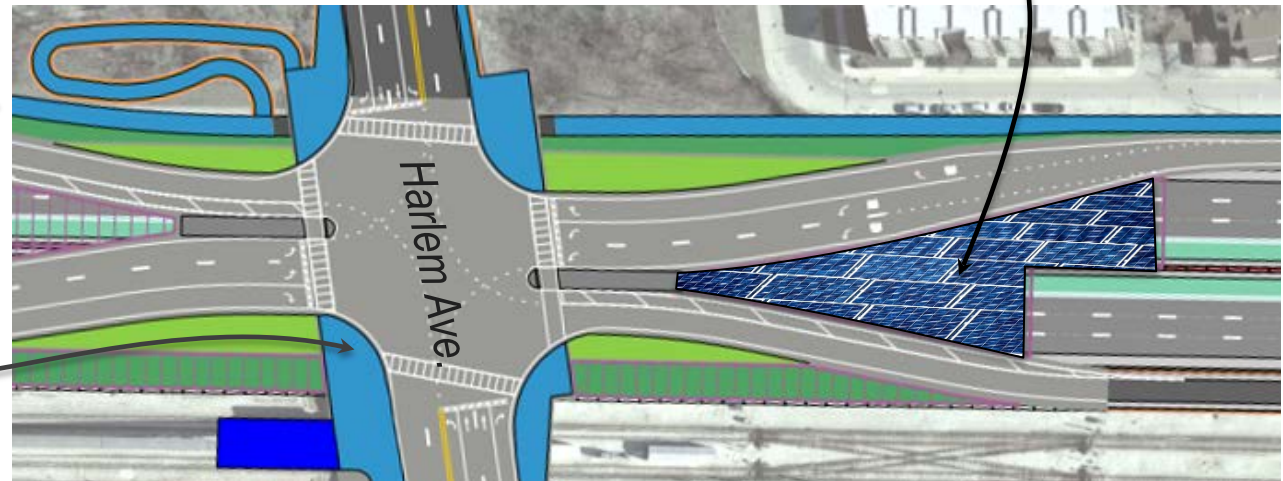
- Maintain I-290 ROW Footprint
- Local Opportunities:
 - LED Lighting
 - Native plantings
 - Solar panels
 - Permeable pavements
 - Self-cleaning concrete



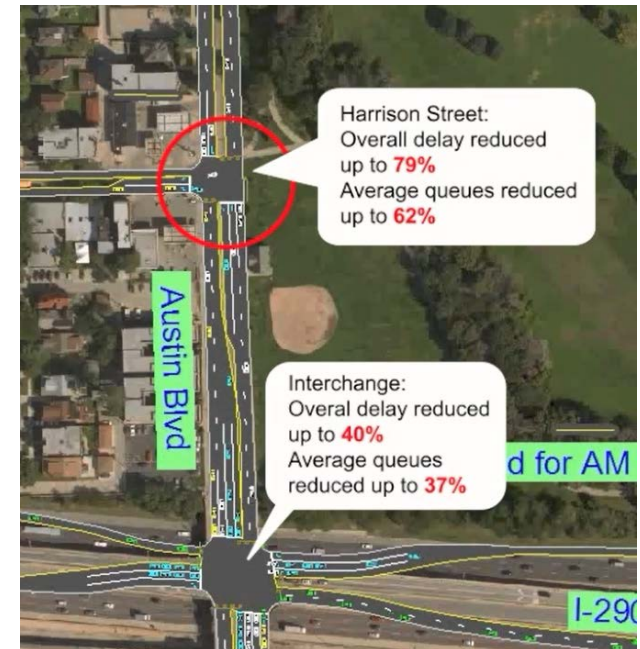
Solar panel/LED
Lighting opportunity area

Shared
use trail

Wider sidewalks &
pedestrian plazas



- Regional travel improvements
 - 56% travel time savings in managed lane
- Local travel improvements.
 - Peak period N-S delay reduced
 - Harlem Ave. 81%
 - Austin Blvd. 49%
- Flooding addressed
 - Mainline I-290
 - CTA
 - CSX
- Productivity: \$2.7 Billion in travel time savings



- Livability
 - Support existing communities
 - Offer additional travel choices
 - Bike & pedestrian
 - Carpool
 - Improved access to jobs
 - Improved access to transit
 - Strengthen community connections
- Walkability – Complete streets
- Safety improvements
- Aesthetics



- Build upon Phase I process
- Continued coordination & communication
- Design refinements & details
 - Fully develop aesthetics
 - Erosion control and storm water design
 - Cost estimate refinements

- Reduce, re-use, recycle
- Local coordination & communication
- Construction specifications
 - Equipment idling, dust control
 - Materials sourcing
 - Noise & vibration – monitor & minimize
- Construction jobs
- Construction quality control
- Reduce/minimize maintenance disruptions