



Project Background

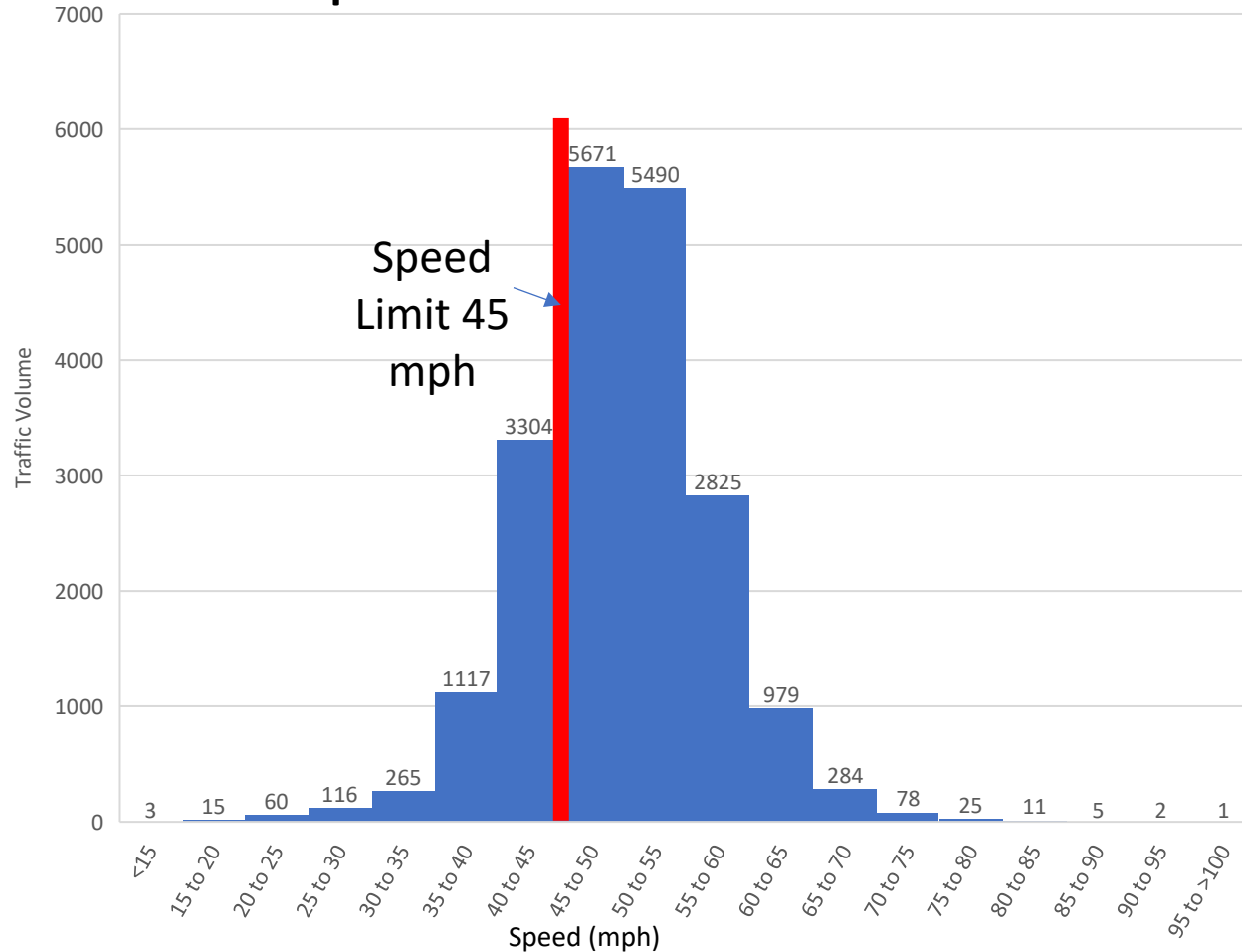
- Location: I-270 to Halls Ferry Rd
- Purpose: Identify potential safety and mobility solutions
- Corridor Users:
 - 13,000 to 28,000 daily vehicles
 - Pedestrians, cars, trucks
 - Residents & commuters
- Corridor Characteristics:
 - 4-lane undivided
 - Traffic signals, minor-street stop signs, overpass





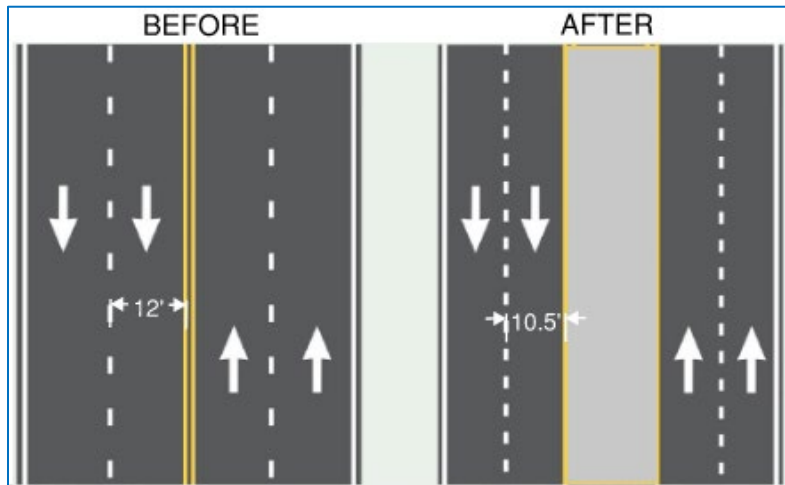
Corridor Speeds

- Speed limit = 45 mph
- Highest recorded speed = 98 mph
- 76% of users violate the speed limit
- 48% of users traveling 50 mph or more
- Speeds are higher at north end of corridor



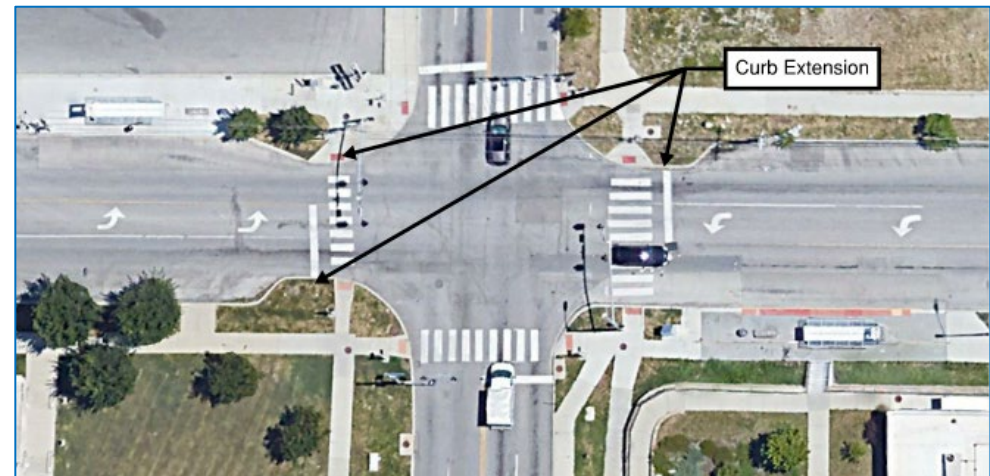
Proposed Improvements

Lane Narrowing



- ✓ Traffic calming
- ✓ Slower speeds
- ✓ Improved driver attentiveness

Curb Extensions



- ✓ Traffic calming
- ✓ Improved pedestrian visibility
- ✓ Shortened crossing distances

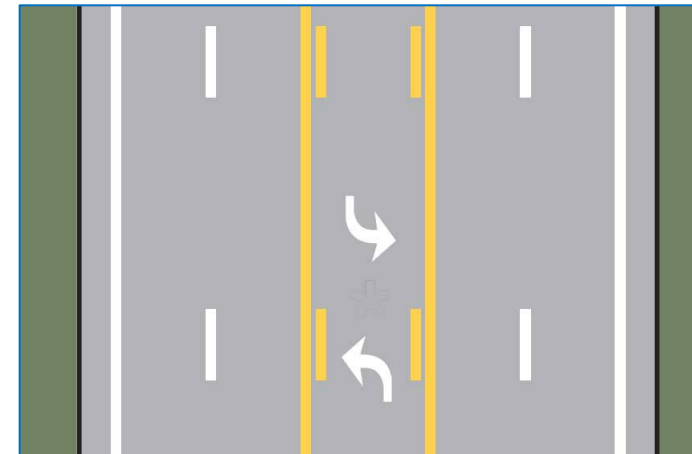
Proposed Improvements

Raised Center Median



- ✓ Fewer head-on and crossover crashes
- ✓ Complements narrower lanes
- ✓ Lighting at median openings to improve visibility

Center Turn Lane

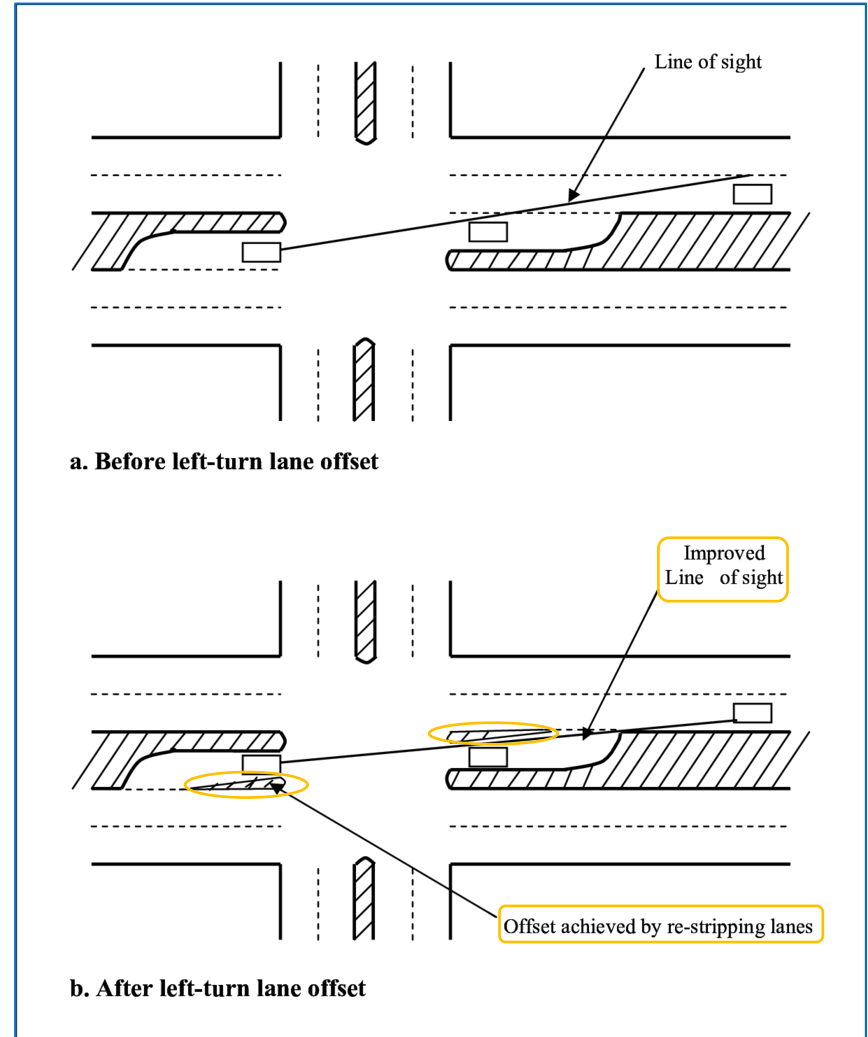


- ✓ Helps left-turning vehicles
- ✓ Fewer rear-end crashes
- ✓ Separates opposing through-lanes

Proposed Improvements

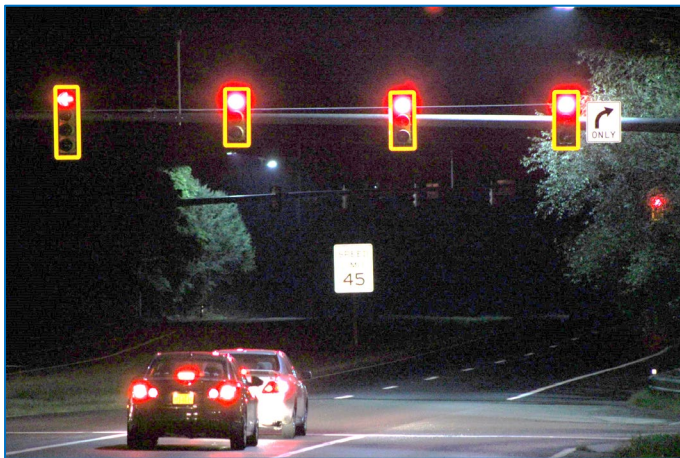
Offset Left Turn Lanes

- ✓ Improves visibility of oncoming traffic
- ✓ Reduces risk of collisions
- ✓ More comfortable turning maneuver



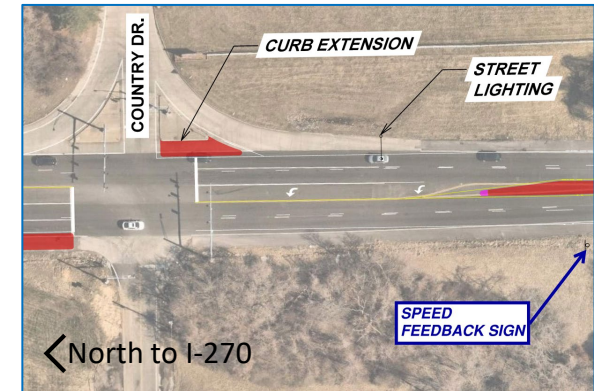
Proposed Improvements

Retroreflective Backplates



- ✓ Improves signal visibility
- ✓ Enhances driver awareness
- ✓ Reduces crashes

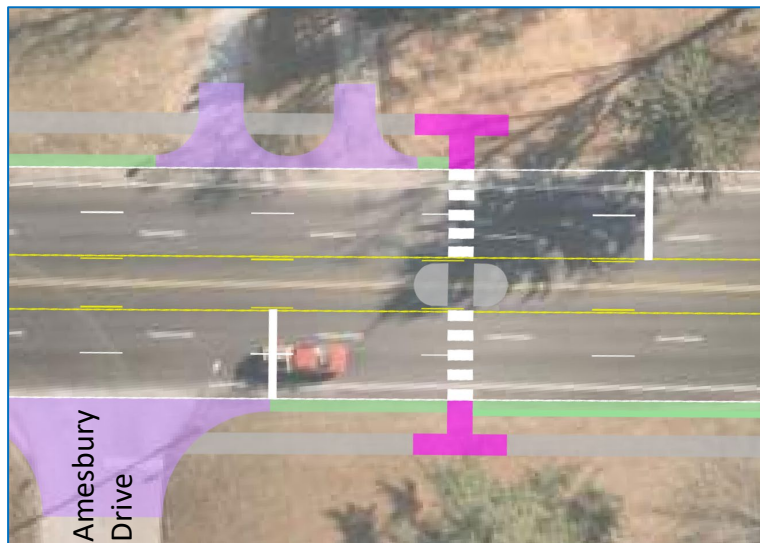
Speed Feedback Sign



- ✓ Encourages slower speeds
- ✓ Increases driver awareness

Proposed Improvements

Midblock Crossing



- ✓ Safer crossing opportunity for pedestrians
- ✓ Alerts traffic when pedestrian is crossing

High-Visibility Crosswalk Markings



- ✓ Increased driver awareness of pedestrian areas

Safety & Operational Benefits

- Implements proven safety countermeasures
- Traffic modeling predicts a 20-year crash reduction of:
 - 23% fewer total crashes
 - 14 fewer fatal crashes
 - 31 fewer serious injury crashes
 - 200 fewer minor injury crashes
- Other Benefits
 - Reduced vehicular speeds
 - Improved level of comfort while driving and walking
 - Minimal impact on travel time

