

CITY OF ANN ARBOR CROSSWALK PRIORITIZATION

Presentation to

Transportation Commission

NOVEMBER 20, 2019

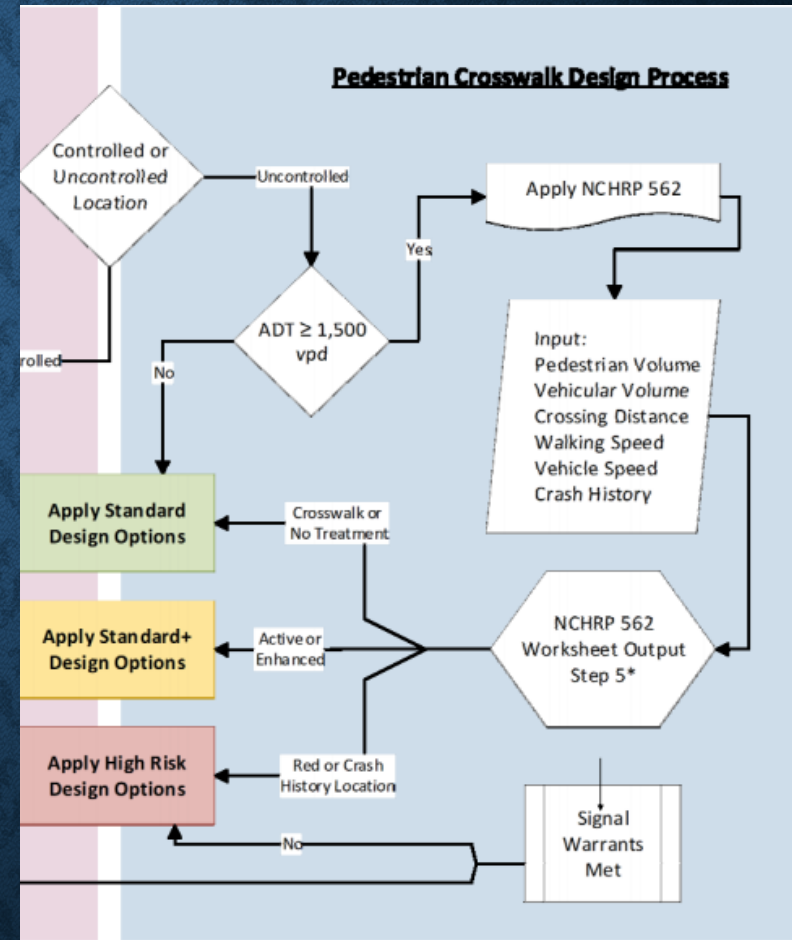
HISTORY/BACKGROUND

- Improvements Identified in Non-Motorized Plan
- Complete Streets
- Challenges to moving forward



CROSSWALK EVALUATION

- Evaluated all existing & 2019 construction crosswalks using Crosswalk Design Guidelines
 - Existing Design Level v. Target Design Level
 - What locations are below Target Design Level?



CROSSWALK PRIORITIZATION

- Data:
 - 221 existing marked crosswalks (not including local neighborhood crosswalks)
 - 26 identified as below Target Design Level
 - Estimated cost to upgrade remaining = \$310k to \$1.27M
- Initial Prioritization Effort
 - Limited budget
 - Selection of criteria to be as “automated” as possible through Geographic Information System (GIS)

CROSSWALK PRIORITIZATION

- Selected Criteria Included:
 - Proximity to Pedestrian Attractors
 - Transit
 - Schools
 - Affordable Housing
 - Other Attractors
 - Pedestrian/Automobile Incidents
 - Road Classification
 - Requests
 - Non-Motorized Plan



CROSSWALK PRIORITIZATION



- Weighting of Criteria
- Prioritization to create work plan for future construction
- Some 2019 construction
- Lighting requests via DTE for new crosswalks
- “Evidence of Community Support”
- Ped/Auto Crash History

CROSSWALK PRIORITIZATION

- Re-Weighting the Criteria:

CRITERIA ITEM	Sidewalk Weight	Crosswalk Weight
Evidence of Community Support	40	40
Proximity to Schools	100	100
Pedestrian/Auto Crashes	30	30
Proximity to Transit	90	90
Proximity to Affordable Housing	60	60
Proximity to Other Attractors*	80	80
Classification of Adjacent Road	55	55
Near Term Opportunity in City's Non-Motorized Plan	30	30
City-Owned Parcels	40	0
Gap Length	30	0

*Library, Government Office, Major Commercial Attractor, or Park

NEXT STEPS

- Feedback
- Create and Run the Model
 - Create map
- Create Work Plan
 - CIP Project: Major Mid-Block Crossings

QUESTIONS?