Agenda

N 15th Street
• Corridor Overview
• Summary of Crash Data
• Community Outreach Results
• Long-Term Corridor Improvements

Mango Road
• Corridor Overview
• Summary of Crash Data
• Community Outreach Results
• Short-Term Corridor Improvements
• Long-Term Corridor Improvements
N 15th Street
From Fletcher Avenue to Fowler Avenue
A north-south connection between Fowler Avenue and Fletcher Avenue

Multi-family residential, supporting commercial, regional activities generate high levels of pedestrian and transit activity

Estimated population within a one mile radius: 40,700
- 2-lane undivided roadway
- 12-foot travel lanes
- Speed limit: 30 MPH
- Daily Traffic Volume: 10,500
- No bike facilities
- Sidewalk on the east side (4-foot)
- Sidewalk gaps on the west side
- Transit stops on east and west sides
Corridor Overview

- Rear end, angle, and left turn crashes were the most frequent crash types.
- Most crashes occurred during daylight conditions.
- Most crashes occurred at an intersection, as did most serious injury crashes.

N 15th Street

Crash Data Analysis

Total Crash History (2014-2018)
- 65.6% Daylight
- 7.6% Bicycle & Pedestrian

Fatal & Severe Crash History (2014-2018)
- 62.5% Daylight
- 31.3% Bicycle & Pedestrian

Crashes by Type

- Number of Crashes
- Crash Type: Angle, Bike, Head On, Hit Fixed Object, Hit Non-Fixed Object, Left Turn, Pedestrian, Rear End, Right Turn, Sideswipe, Single Vehicle, Unknown, U-Turn
Crash Data Analysis

N 15th Street

All Crashes (2014-2018)

Pedestrian/Bicycle Crashes (2014-2018)
Serious Injury Crashes: 16
- 4 pedestrian
- 1 bicyclist

- 31% of severe crashes on this corridor involved either pedestrians or bicyclists, compared to 16% countywide. (*Vision Zero Action Plan*)
Thinking about the current conditions on N 15th Street, what concerns you the most?

- Flooding or standing water
- Lack of bicycle lanes
- Degrading roadway surface and pavement lines
- ADA accessibility
- Vehicles exceeding the posted speed limit
- Darkness in the evenings
- Lack of marked crosswalks for pedestrians
- Lack of sidewalks

Thinking about the current conditions on N 15th Street, what improvements do you feel are most important to include?

- Providing additional lighting
- Adding curb
- Constructing landscaped medians
- Adding bicycle lanes
- Adding a multi-use trail
- Widening the sidewalk
- Providing on-street parking
- Adding mini roundabouts at intersections
- Slowing down vehicles
- Adding raised mid-block crossings

One Word | **Today** N 15th Street is....

Neglected
Rough
Uninviting

One Word | **My vision** for N 15th Street is....

Safe
Connections
Safe
Safety Priorities

- **Lighting**: most frequently ranked
- **Traffic Relief and Appearance**: least frequently ranked
- **Bus Service**: Lowest average rank
- **Walking and Bicycling**: Highest average ranks
Preferred Improvements - Walking

- Of all Walking Improvement options, **Paved Path** had the highest average rank

- **Midblock Crossing** had the lowest average rank of all Walking Improvement options
Preferred Improvements - Bicycle

- Of all Bicycle Improvement options, **Paved Trail / Path** had the highest average rank

- **Sharrows** had the lowest average rank of all Bicycle Improvement options
Preferred Improvements – Traffic Calming

- Of all Traffic Calming Improvement options, **Landscaping** had the highest average rank

- **Mini Roundabout** had the lowest average rank of all Traffic Calming Improvement options

- All traffic calming improvement options had an average rank of 3 (Neutral) or greater
Areas of Concern:

- 83 total points mapped
- Majority of points (64) mapped at intersections along the 15th Street corridor
- Most Safety Concern points indicated unsafe crossings and poor lighting
- Project Idea points indicated ideas for new crosswalks, better lighting, and landscaping
One Word | **Today, N 15th Street is**....

One Word | **My vision** for N 15th Street is....
• Raised crosswalks and pedestrian signage have been constructed and installed
• Provides improved pedestrian access to transit stops
• Traffic calming for vehicles
• Installation of raised crosswalks with RRFBs
• Refurbishing of pavement markings
• Filling the existing sidewalk gaps on west side of corridor
• Installation of additional lighting at intersection of N 15th Street & 131st Avenue
North 15th Street & Fletcher Avenue Intersection Improvements:

- Right turn lane at the north intersection approach
- Right turn lane at the south intersection approach
Long-Term Corridor Improvements:

- Curb & Cutter
- Utility Relocation
- Lighting
- Landscaping

Multimodal Improvements:

- Wider Sidewalks
- Sharrows & Wider Sidewalks
- Bike Lanes
Wider Sidewalks

N 15th Street

ALTERNATIVE 1 TYPICAL SECTION
N 15th STREET
DESIGN SPEED 35 MPH
POSTED SPEED 30 MPH
Wider Sidewalks

N 15th Street

ALTERNATIVE 2 TYPICAL SECTION
N 15th STREET
DESIGN SPEED 35 MPH
POSTED SPEED 30 MPH
Alternative: Wider Sidewalks & Sharrows
Alternative: Bicycle Lanes
Wider Sidewalks
N 15th Street

Bicycle Lanes

ALTERNATIVE 3 TYPICAL SECTION
N 15th STREET
DESIGN SPEED 35 MPH
POSTED SPEED 30 MPH
Traffic Calming Improvements

- Traffic Calming
  - Speed Feedback Signs
  - Lighting
  - Landscaping
- Raised Medians
- Mini Roundabouts
  - At E 122\textsuperscript{nd} Street
  - At E 127\textsuperscript{th} Street
Corridor Overview

N 15th Street

Traffic Calming Improvements

- Raised Medians
  - At E 130th Ave
  - North of 131st Ave
  - South of Fletcher Ave
Next Steps:

• Planning level opinion of probable costs (OPC)
• Report documentation