

# ERIE ZOO TRAIL

FEASIBILITY STUDY AND  
ALTERNATIVE ANALYSIS

# WELCOME



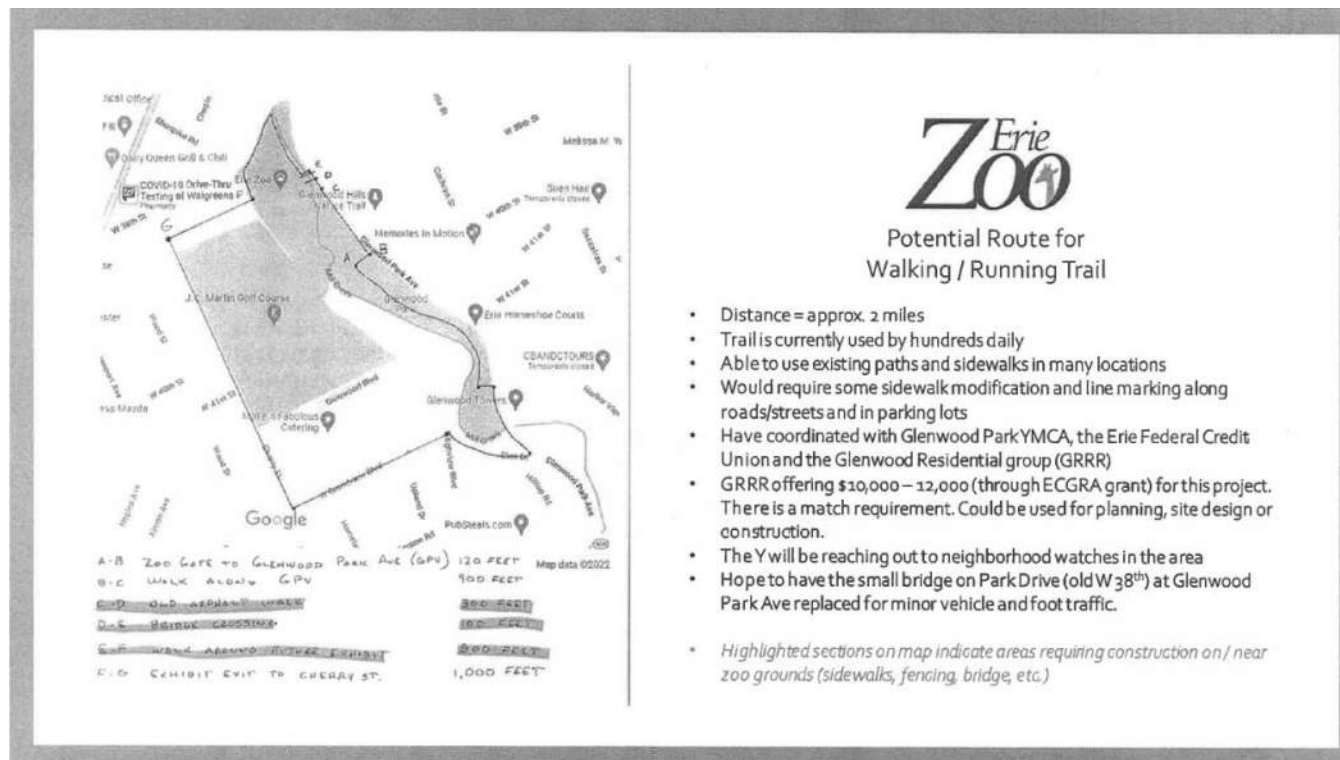
# MEETING GOALS

- Introduce Project
- Discuss Alternatives Studied
- Public Comments and Input
- Next Steps



# PROJECT HISTORY

## Erie Zoo document: “Potential Route for Walking/Running Trail”



# EXISTING PLANS & REPORTS

- **Erie MPO LRTP 2050:**  
*“Active transportation considers multiple modes of transportation, such as walking, biking ...”*
- **From the LRTP 2050 Wikimap comments:**
  - Pedestrians walking from Glenwood neighborhood and South to Glenwood Park have to walk in unprotected shoulder on 505. Very dangerous, high speed section with curves. A walking path could be added for the segment of 505 from Glen Dr. or Glenridge to the Glenwood Park walking path to ensure safety of the pedestrians who are trying to walk to the park.



# EXISTING PLANS & REPORTS

## ACTIVEERIE TRANSPORTATION PLAN

A PLAN FOR  
PEOPLE WHO WALK  
AND BIKE IN ERIE,  
PENNSYLVANIA



February 2021

Adopted by the Council of the City of Erie resolution on February 3, 2021

### Erie Loop Bikeway – 38th Street:

*“Construct the east-west portion of the Erie Loop Bikeway through a road diet on 38th Street within the current right-of-way where possible. Provide bicycle lanes to separate cyclists from the general flow of traffic to minimize congestion and improve safety for motorists and cyclists. Total limits should be approximately 5 miles between Greengarden Boulevard and Bayfront Parkway.”*

# EXISTING PLANS & REPORTS

## Active Erie Transportation Plan, City of Erie and Erie MPO:

- *“This master plan focuses on building a network of pedestrian and bicycle facilities throughout the City of Erie that are safe for all users ...”*

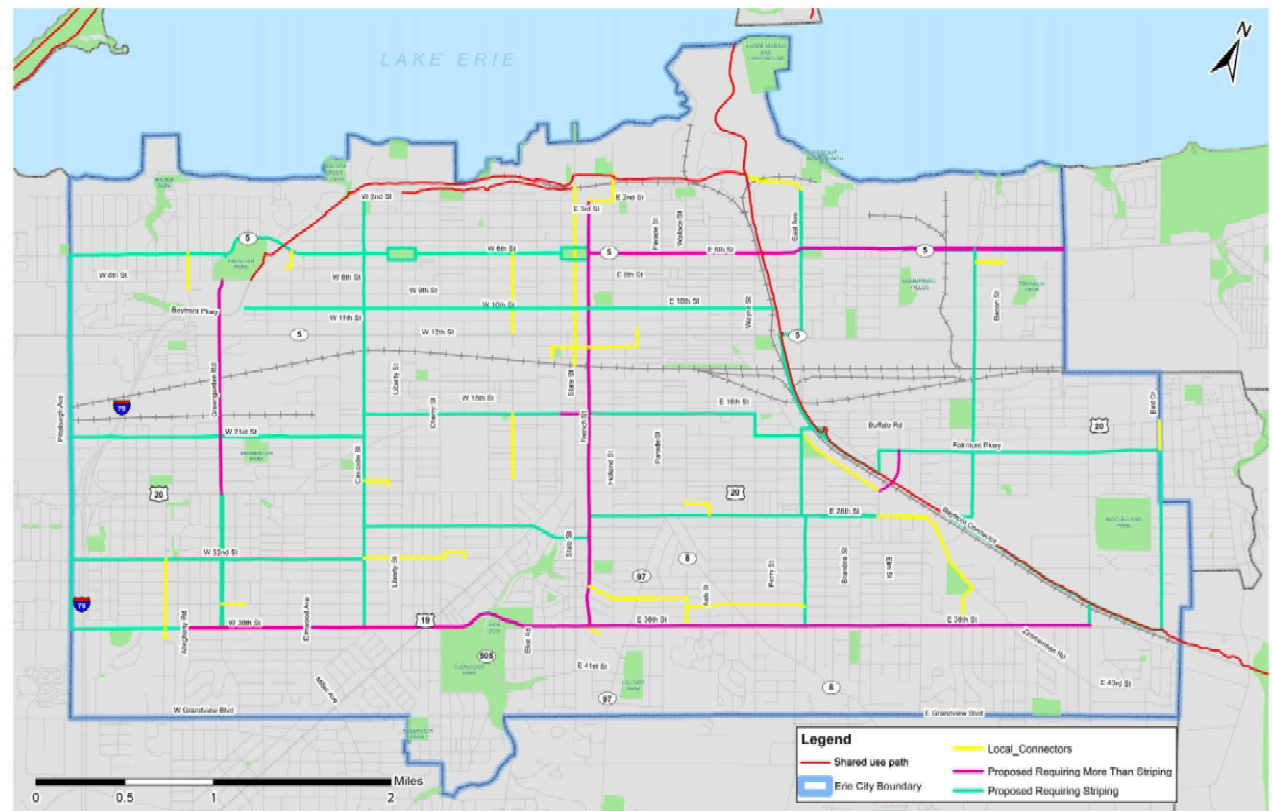


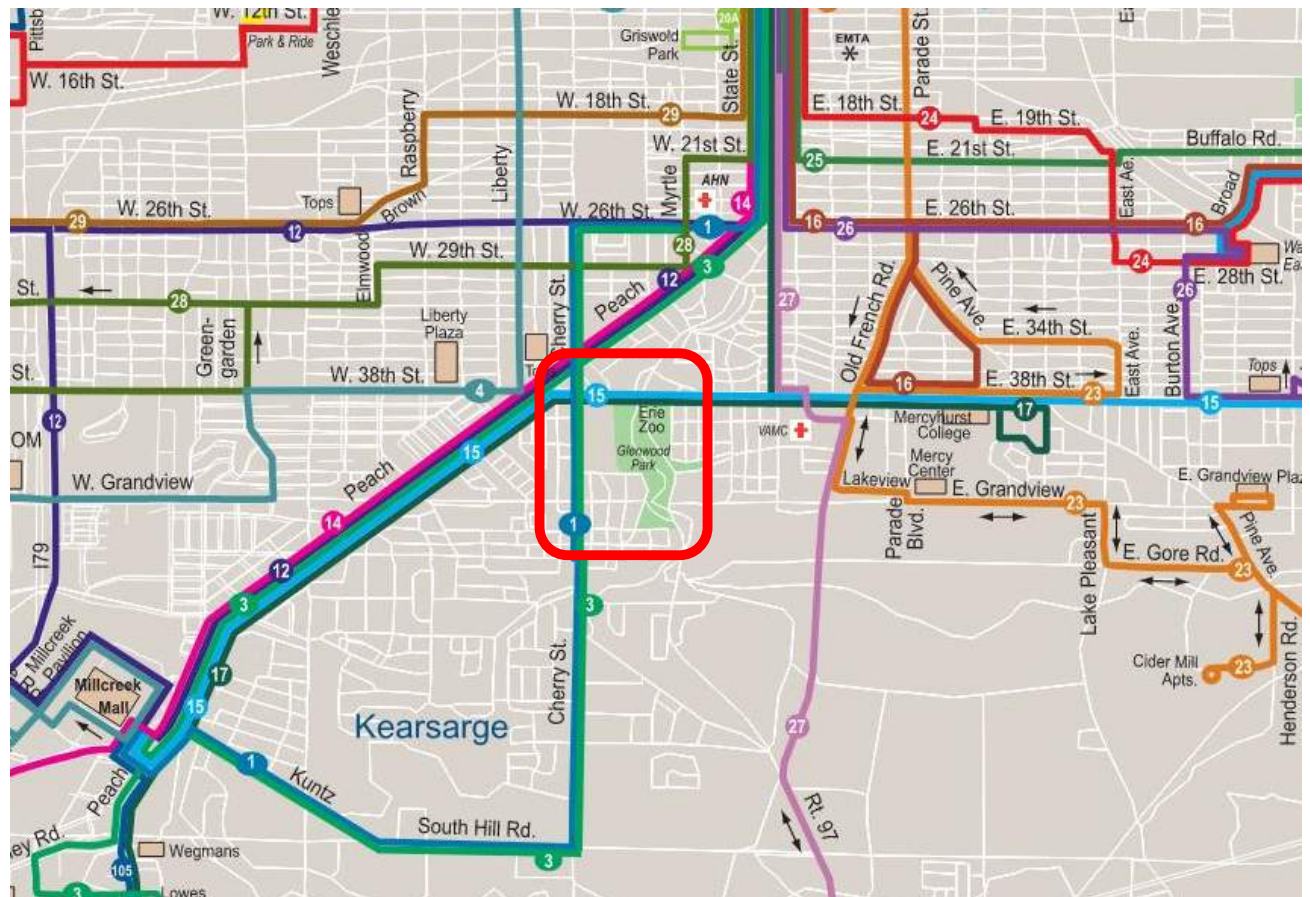
Figure 26. Proposed low-stress bikeway network map

# TRANSIT CONNECTIONS

## EMTA ROUTES IN THE AREA:

1 & 3 (Cherry Street)

15 & 17 (W. 38th Street)

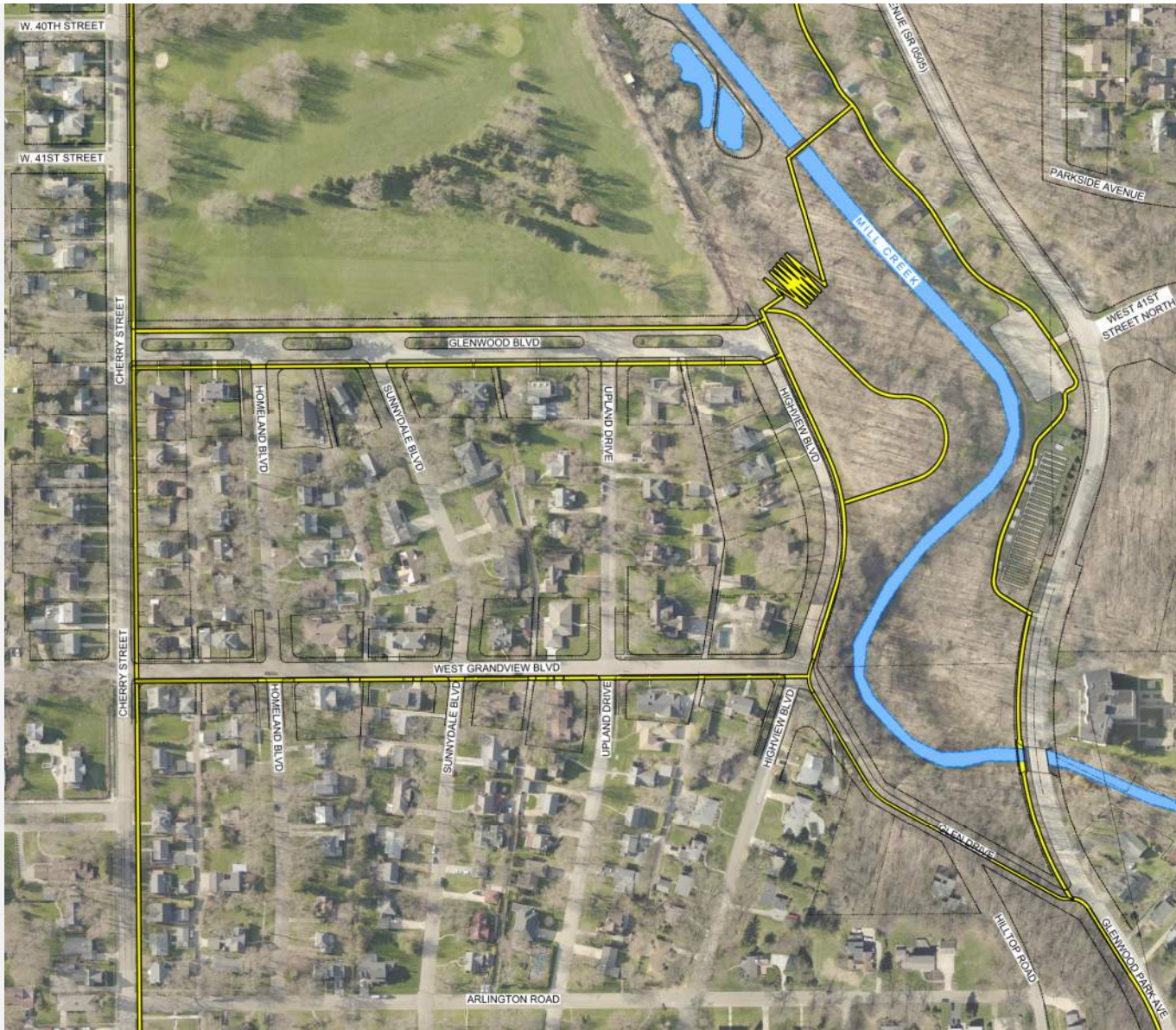


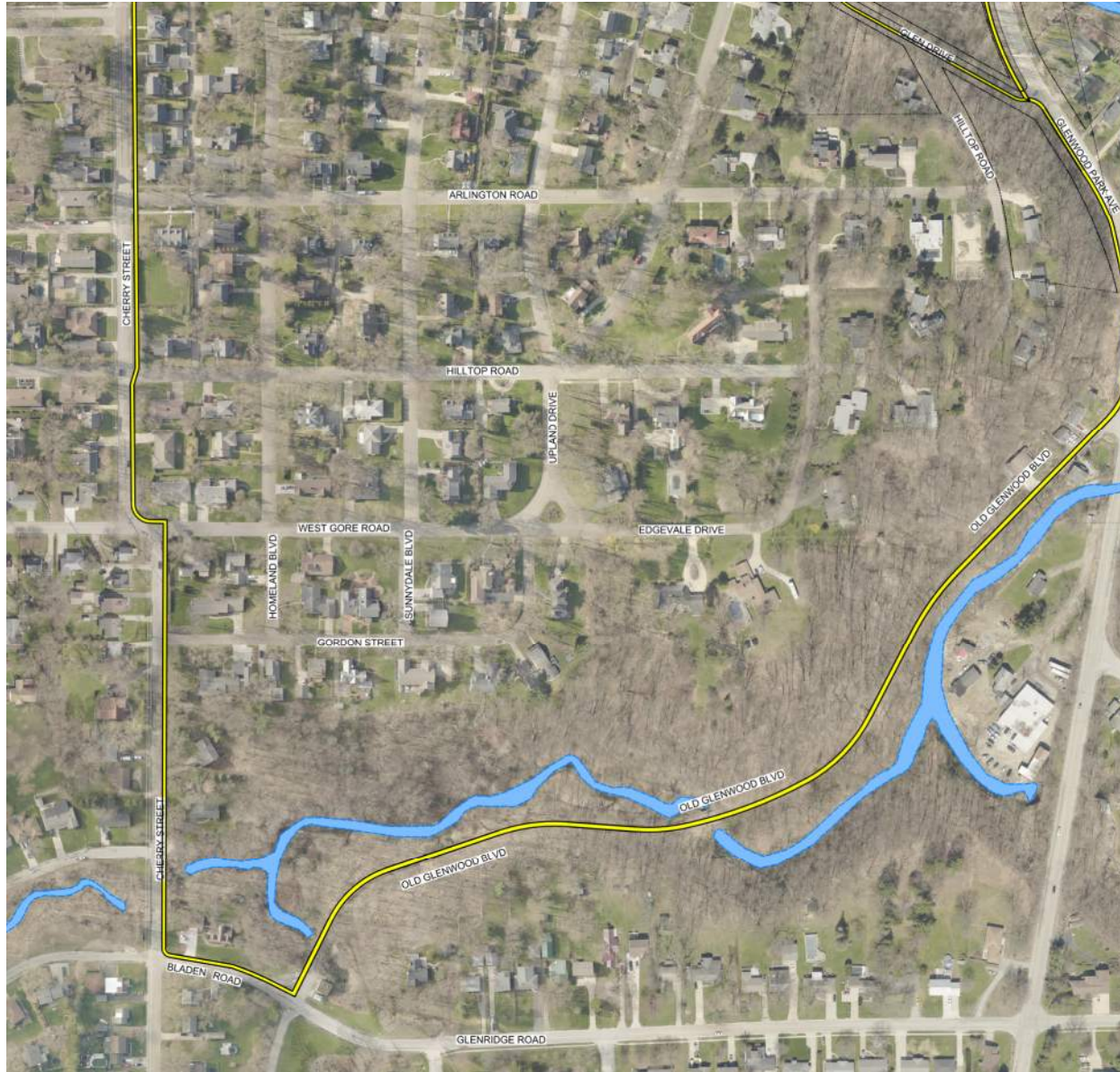
# STUDY AREA

- Cherry Street
- Glenwood Blvd and Highview Blvd
- West Grandview Blvd
- Glen Drive
- Glenwood Park Avenue (SR 505)
- West 38<sup>th</sup> Street (SR 4016)
- Old W. 38<sup>th</sup> Street bridge over Mill Creek
- Erie Zoo Drive; Flo Fabrizio Ice Center; JC Martin Golf Course driveways and parking lots
- Additional Study Areas
  - Wooded area east of Highview
  - Old Glenwood Park Ave ROW









# ENVIRONMENTAL & CULTURAL RESOURCES REVIEW

## Environmental Resources:

- NWI Mapper – no wetland in study area
- Floodplains – Mill Creek, Zone A in areas adjacent to creek
- Mill Creek – Ch. 93 – Warm Water Fishes; Migratory Fish
- PNDI – no threatened or endangered species identified



# ENVIRONMENTAL & CULTURAL RESOURCES REVIEW

## Cultural Resources:

- Section 4(f) Properties:
  - Glenwood Park, J.C. Martin Golf Course, Glenwood Hills Nature Trail
  - Project being completed in partnership with City of Erie (owner of parks); is recreational in nature; and is an enhancement project.
  - Other Parks not meeting 4(f): Magyar Park & Erie Zoo
- Section 6(f) Properties
  - Land & Water Conservation Funds (1981) – coordination of 6(f) boundary needed.
  - Scope of project is a benefit to the Zoo with trails for visitors, so no 6(f) conversion is anticipated.

## National Flood Hazard Layer FIRMette



# TRAIL CONSIDERATIONS

- **Pedestrians and Runners**
- **Bicycle Users**
  - Potential user conflicts
- **Trail width guidelines**
  - Shoulder/clear zone
- **Overhead obstructions**  
(trees, signs, etc.)
- **Accessibility**
  - Longitudinal Slopes of Existing Roadways and Sidewalks
  - Cross slopes
  - PROWAG

# TRAIL CONSIDERATIONS

- Compatibility with other assets in the area.
- Making meaningful connections.
- Enhancing existing facilities and resources.
- Minimizing impacts to environment, landscape, utilities.

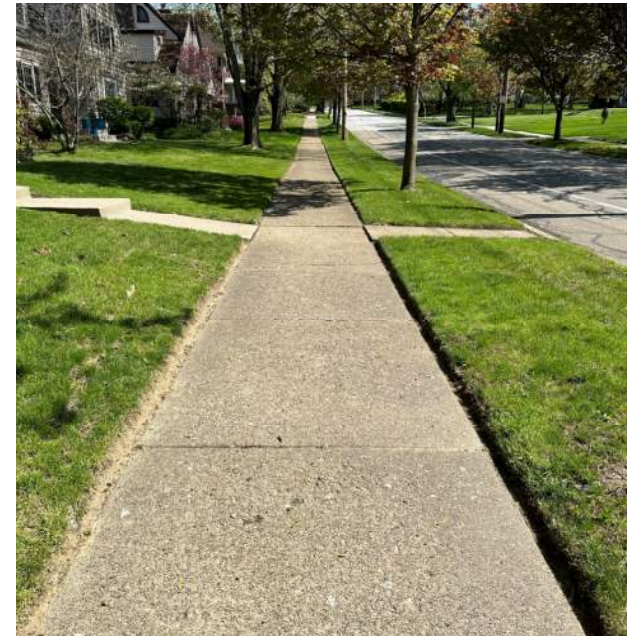
# CHERRY STREET

(W. 38<sup>th</sup> to Glenwood Blvd.)



# CHERRY STREET

(South of Glenwood Blvd)



# W. GRANDVIEW BOULEVARD (Cherry to Highview)





# GLENWOOD BOULEVARD



# HIGHVIEW BOULEVARD

# GLEN DRIVE

(Highview/W. Grandview to SR 505)



# GLENWOOD PARK AVENUE (SR 505)

(Glen Drive to Glenwood Park)



# GLENWOOD PARK

## Existing Trail



# GLENWOOD PARK

## Existing Trail



GLENWOOD  
PARK AVENUE  
(SR 505)  
(Glenwood Park to  
W. 38<sup>th</sup> Street)



# OLD WEST 38<sup>th</sup> STREET BRIDGE OVER MILL CREEK

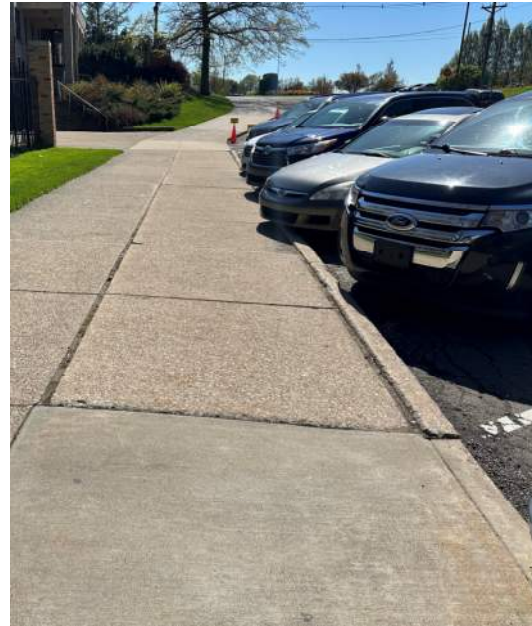
- Bridge owned by City of Erie and closed to vehicle traffic in 2017
- Trail alternative includes replacement bridge for pedestrian crossing
- Bonney Daubenspeck Memorial Bridge
- Options to be considered for replacement bridge:
  - Use existing abutments with new superstructure
  - Pre-fabricated pedestrian bridge
  - 3-sided arch culvert with roadway
- Erie Zoo DRAFT Master Plan includes future consideration of area on west side of bridge for development of new giraffe house/exhibit
  - New bridge proposed to be designed to allow for limited vehicle crossings to Zoo property and facilities for maintenance and animal feed delivery.





# ZOO PARKING LOT

(North of Old W. 38<sup>th</sup> Street and along perimeter of existing parking lot)



EXISTING  
SIDEWALK NEAR  
CURRENT ZOO  
ENTRANCE



J.C. MARTIN  
GOLF COURSE  
& FLO FABRIZIO  
ICE CENTER  
DRIVEWAY  
AND PARKING  
LOTS

GLENWOOD  
PARK AVE. to  
W. 38<sup>th</sup>  
STREET & W.  
38<sup>th</sup> STREET  
TO SHUNPIKE



W. 38<sup>th</sup> STREET  
FROM SHUNPIKE  
TO CHERRY





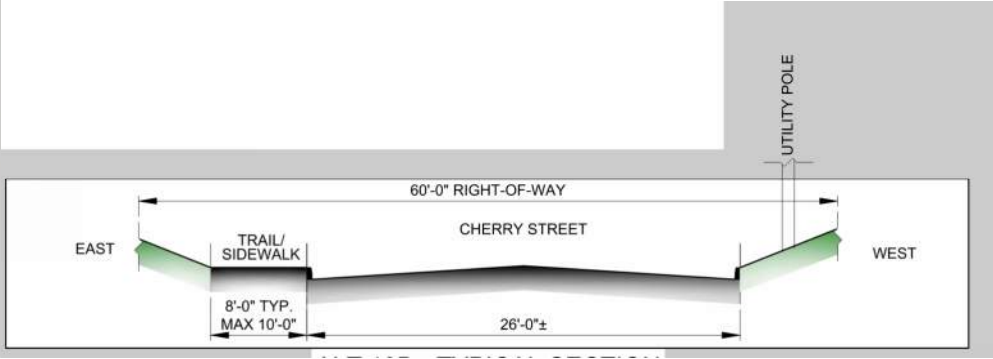
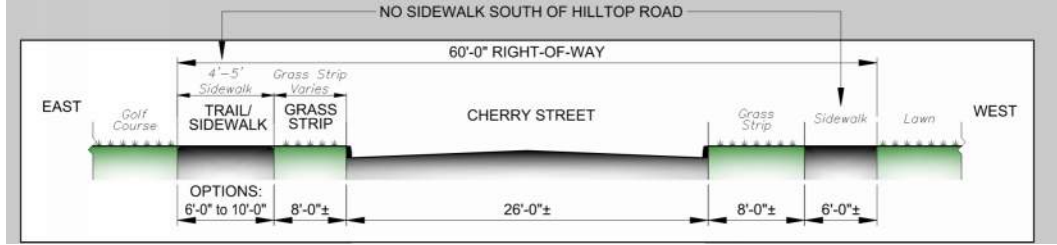
WOODED TRAIL (east of Highview)



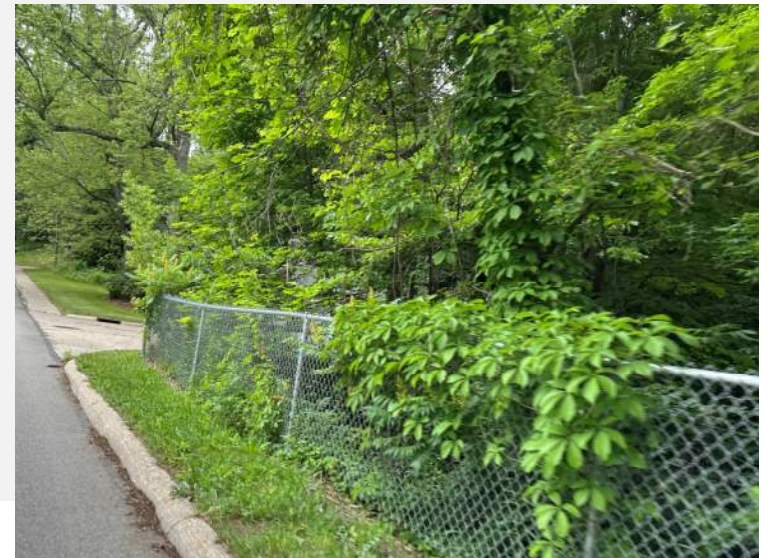
SWITCHBACK TRAIL DOWN BLUFF TO EXISTING  
BRIDGE OVER MILL CREEK



CHERRY STREET  
TO  
OLD GLENWOOD  
PARK AVENUE



# Cherry Street south of Gore Road





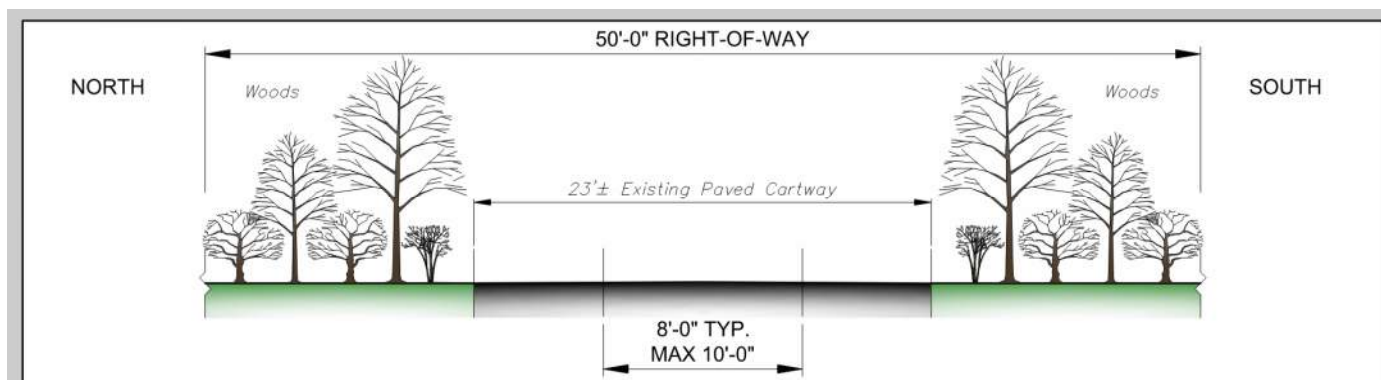
Cherry Street south  
of Gore Road to  
Glenridge





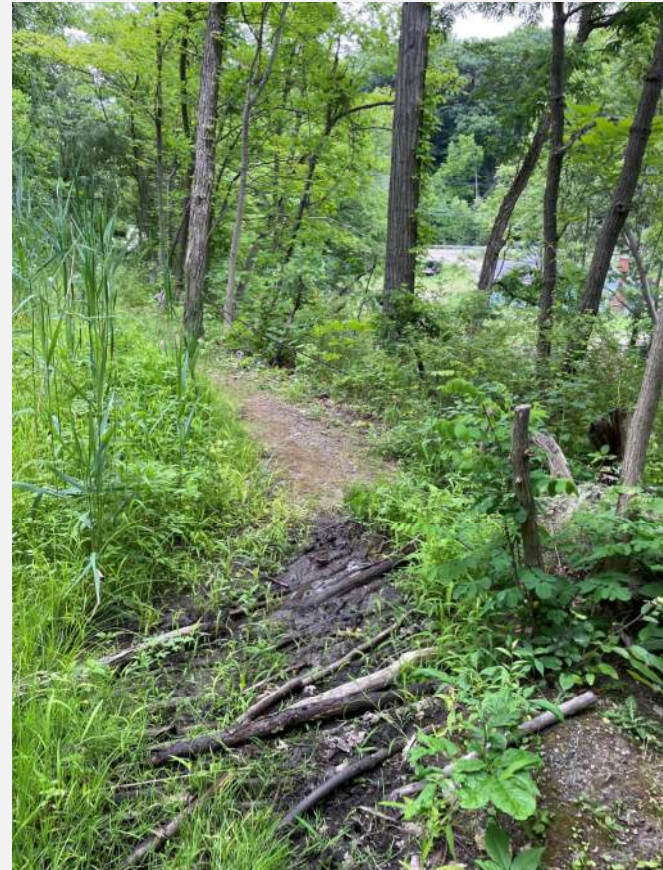
Bladen Road/Glenridge Road  
from Cherry to  
Old Glenwood Park Ave

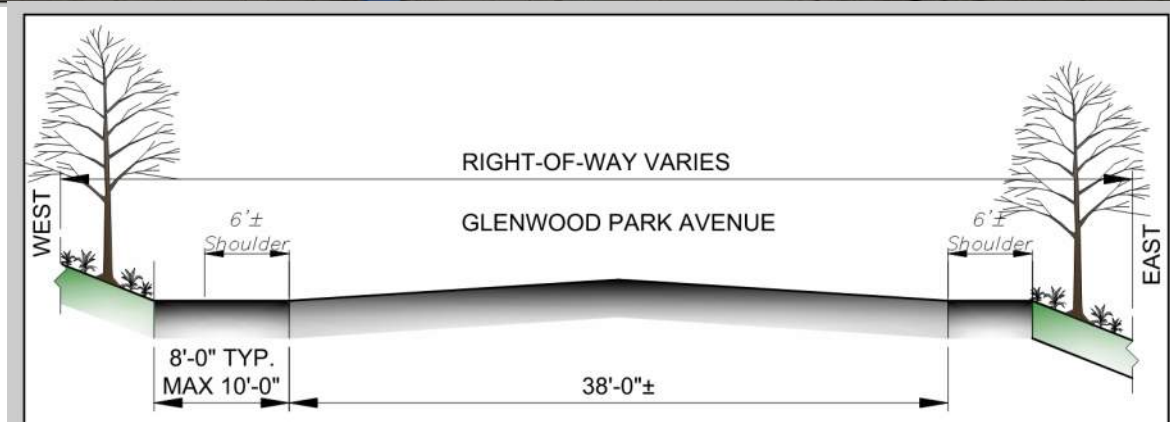






## OLD GLENWOOD PARK AVENUE







SR 505 GLENWOOD PARK AVENUE  
(north of Old Glenwood Park Ave trail)



Thank you!

Questions, comments &  
discussion