

# TIME TO EXPLORE

Cleveland Metroparks

## Hilliard Rd. Bridge Replacement

Rocky River Reservation

January 14, 2021





# Project Location



# Hilliard Road Bridge



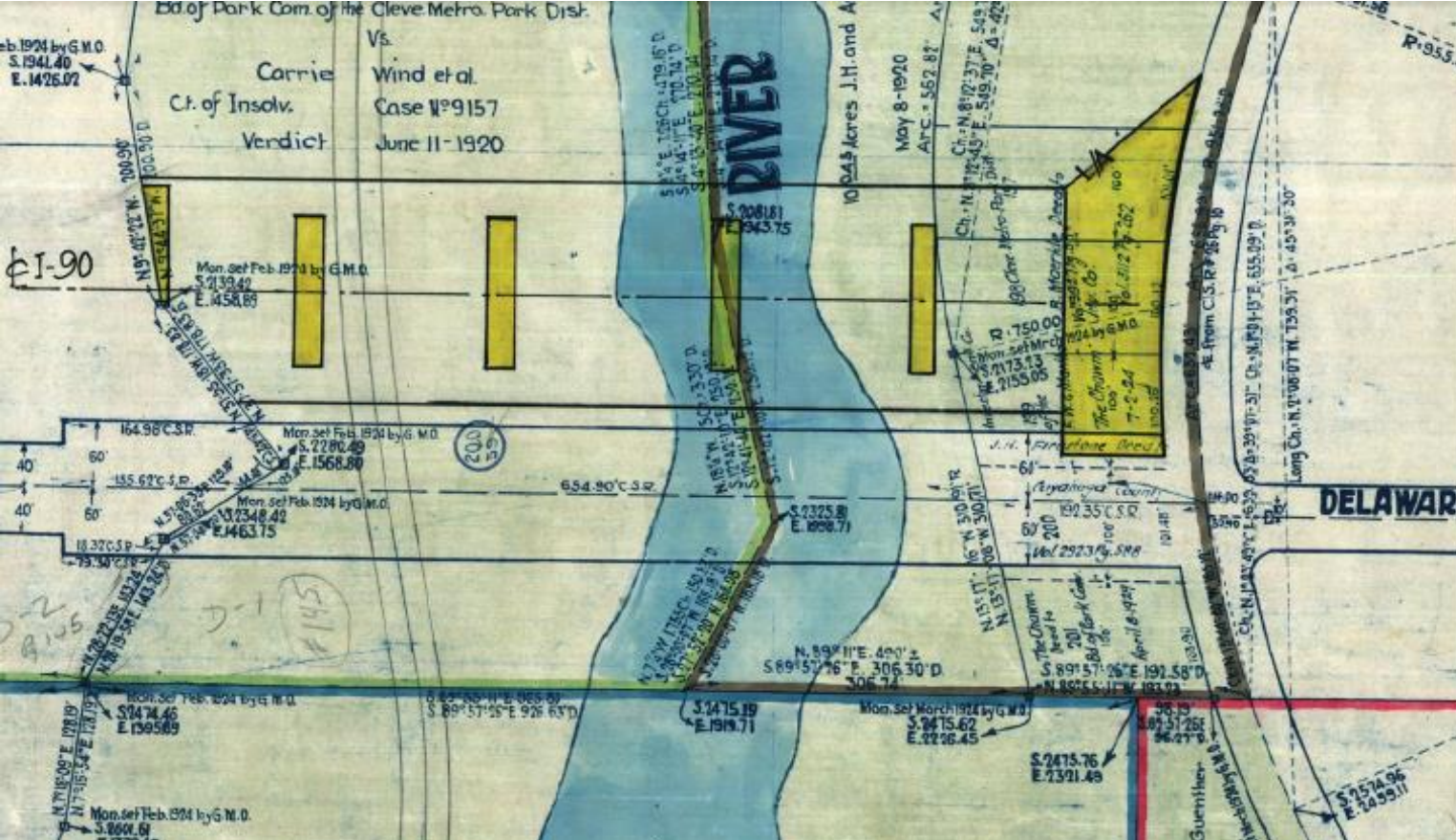


# Hilliard Road Bridge





# Hilliard Road Bridge



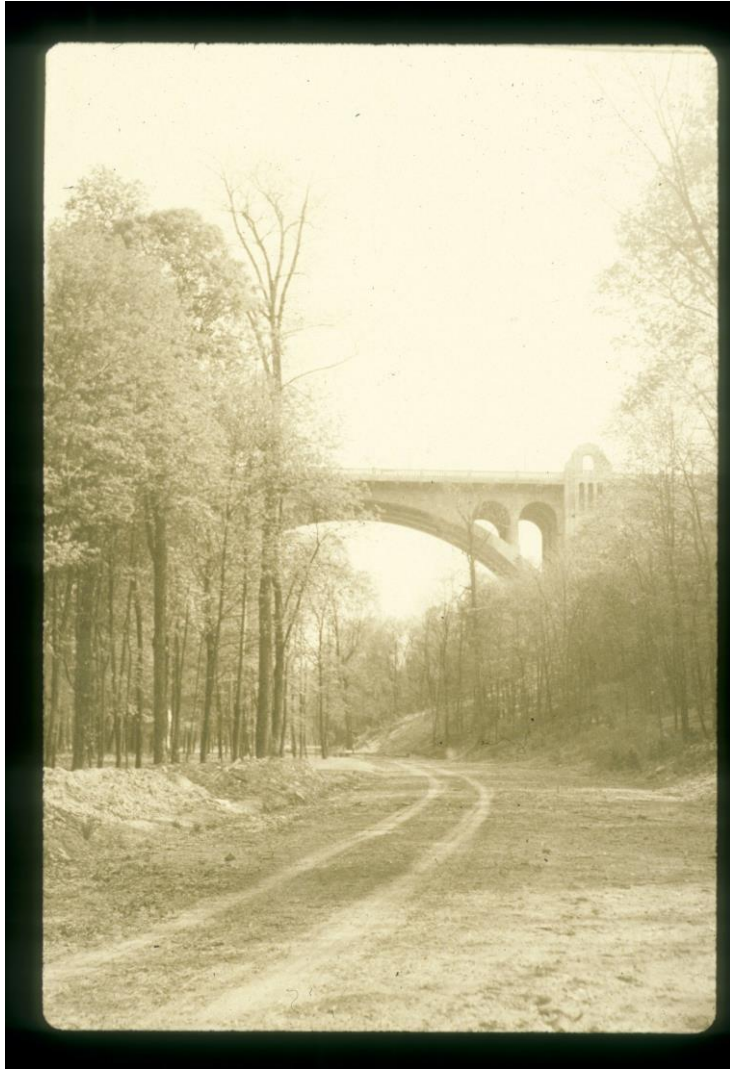
January 1924:

*....the Board expressed an inclination to file no claim for compensation or damage providing the bridge is architecturally and structurally appropriate for park surroundings, and that piers and abutments shall be located as to give proper and ample clearances for park drives.*

Notice was received from the Board of County Commissioners of Cuyahoga County, calling attention to the hearing, on Jan. 26, 1924, at 10:30 o'clock, with reference to the extension of Hilliard Road, across the land of the Cleveland Metropolitan Park District in Rocky River Valley. **The Board expressed an inclination to file no claim for compensation or damages, providing the bridge is architecturally and structurally appropriate for park surroundings, and that piers and abutments shall be so located as to give proper and ample clearances for park drives.**



# Hilliard Road Bridge





# Hilliard Road Bridge





# Hilliard Road Bridge





# Cuyahoga County Public Works – Bridge Inspections



2013

2018



# Hilliard Road Bridge





# Hilliard Road Bridge





# Hilliard Road Bridge





# Hilliard Road Bridge

## Alternatives Considered

### Four Alternatives

Alternative #1:  
No-Build

Alternative #2:  
Rehabilitation

Alternative #3:  
Removal of the  
existing bridge and  
replacement on the  
existing alignment

Alternative #4:  
Replacement Structure  
on New Alignment &  
Retaining Existing  
Bridge

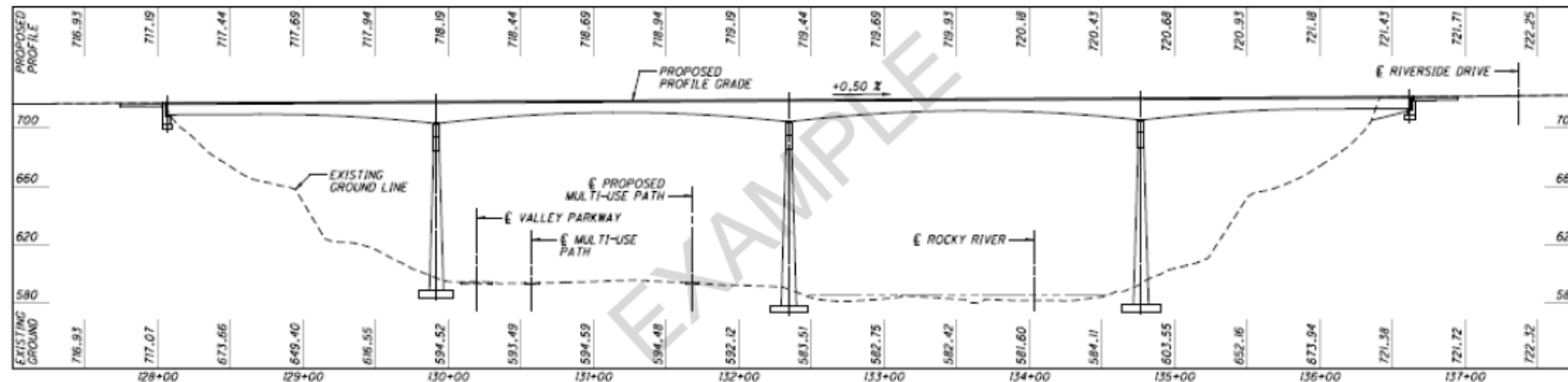




# Hilliard Road Bridge

## Alternative #3: Removal of the existing bridge and replacement on existing alignment (Selected Alternative)

- Fulfills project need
- Remove current bridge
- Temporary park and river impacts during construction, no falling debris
- \$40.7-\$55.2 Million depending on the type of bridge (construction and right-of-way cost)
- Estimated 75 years design life
- Two to three-year detour during construction
- Aesthetics coordinated with stakeholders, public, consulting parties

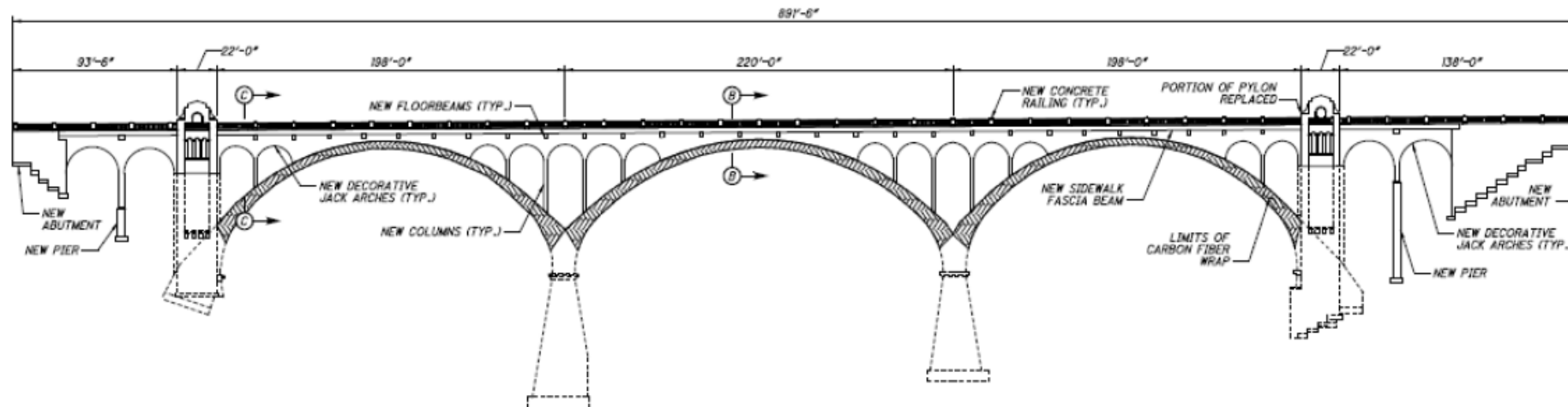




# Hilliard Road Bridge

## Alternative #2 Rehabilitation

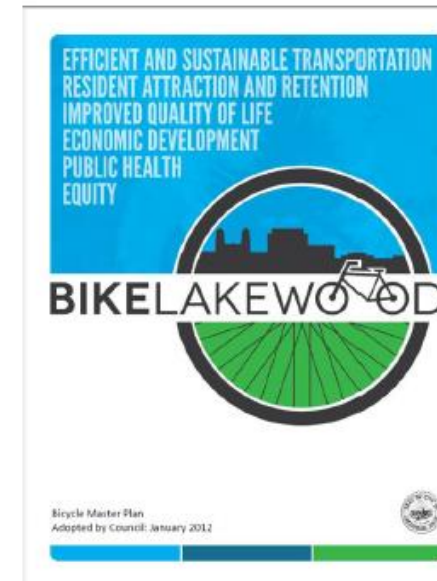
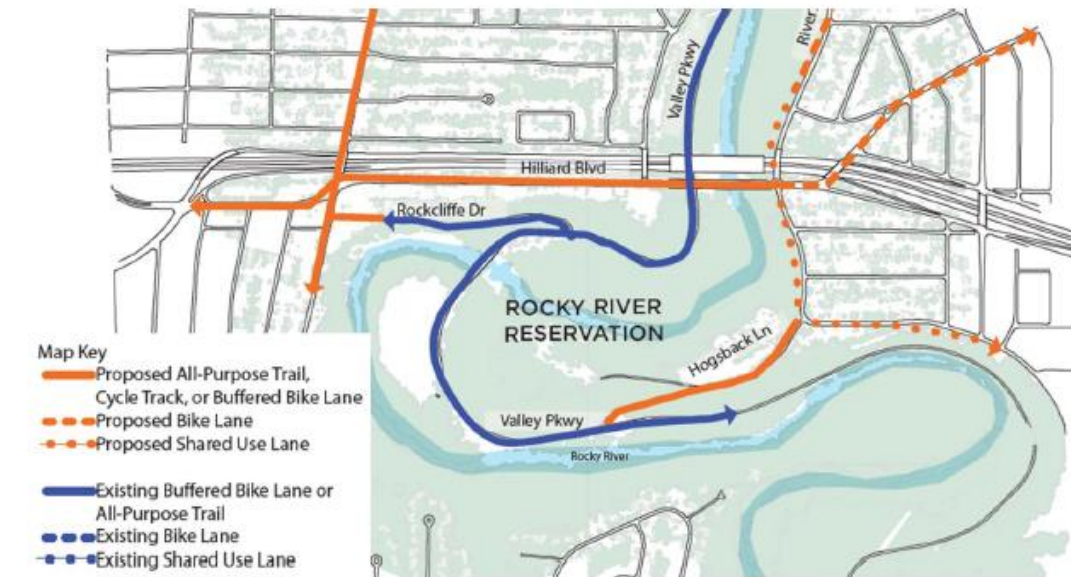
- Partially fulfills project need
- 70% of current bridge will likely be removed
- Temporary park and river impacts during construction, falling debris reduced
- \$52.8 Million (construction and right-of-way cost)
- Estimated design life of 25 years
- Three-year detour during three-year construction
- Unknown condition/cost





# Hilliard Road Bridge – Community and Plan Coordination

- Cleveland Metroparks
- NOACA - TLCI Community confluence
- City of Rocky River
- City of Lakewood



**ROCKY RIVER**  
MASTER PLAN  
ADOPTED ON JULY 23, 2018

City of Rocky River  
Patricia C. Bickel, Mayor  
2100 Columbia Boulevard  
Rocky River, Ohio 44118

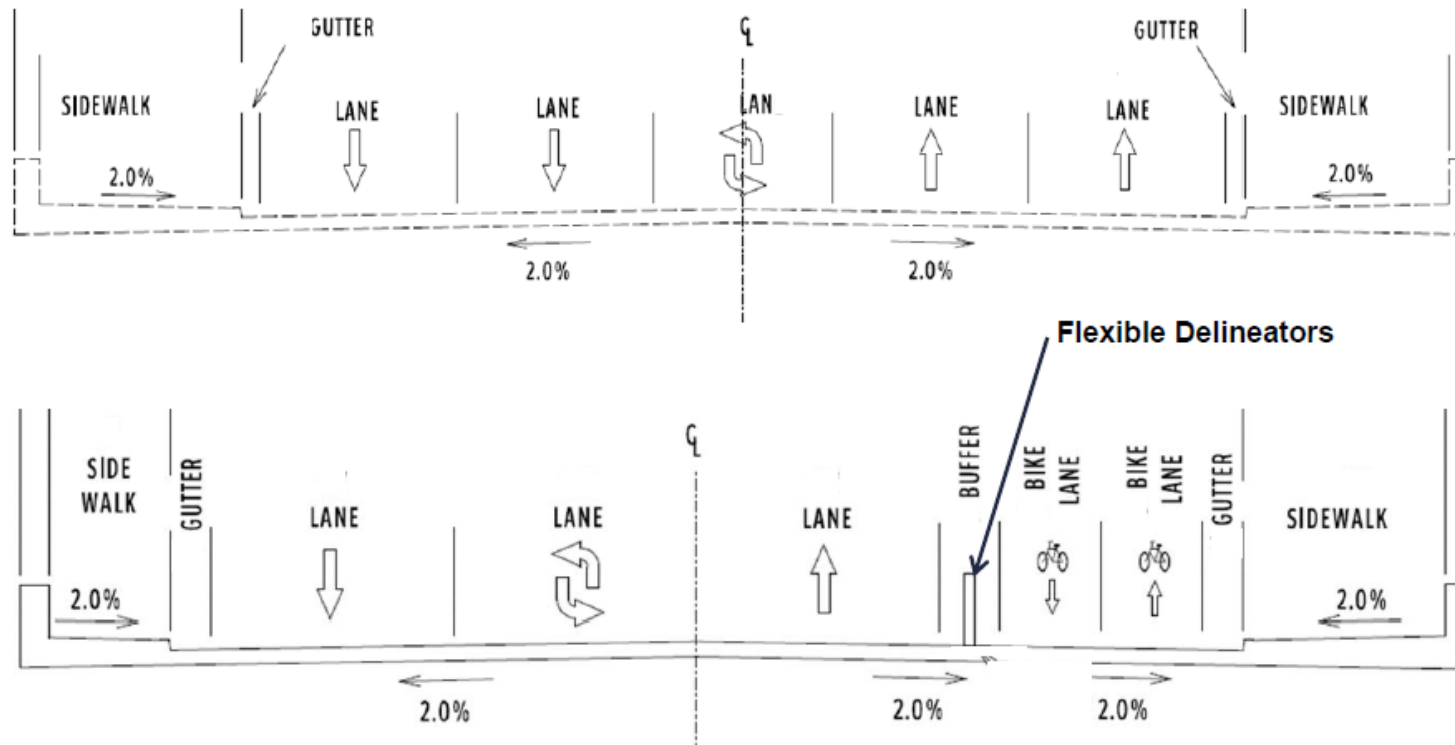




# Hilliard Road Bridge

## Vehicular and Bike Lane Configuration – Alternative 2

- Road diet to match City of Rocky River plan for the section of Hilliard Rd between Wooster Ave and Rocky River Drive.





# Hilliard Rd Bridge

## Next Steps:

- Cuyahoga County Public Works will commence public input process
- Environmental review (NEPA)
- Right-of-way clearance
- Engineering
- Bidding (Nov 2022)
- Construction (2023-2026)





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