



# Agenda

Introductory Remarks: 6:00 – 6:10 PM

Presentation: 6:10 – 6:40 PM

General Question & Answer Period: 6:40 – 7:00 PM

Public comment during this period will be limited to three minutes per person

Open House and Specific/Detailed Questions: 7:00 – 7:30 PM

Project staff will be available in the lobby to answer questions in more detail during this period

# Project Team

## City of Kettering

- Steve Bergstresser, P.E., Assistant City Manager / City Engineer
- Shayna McConville, Division Manager of Cultural Arts
- Design Consultant: EMH&T (Craig Schrader, P.E., Project Manger)
- Public Art: Cliff Garten Studio (Matt Gilio-Tenan, Project Manager)

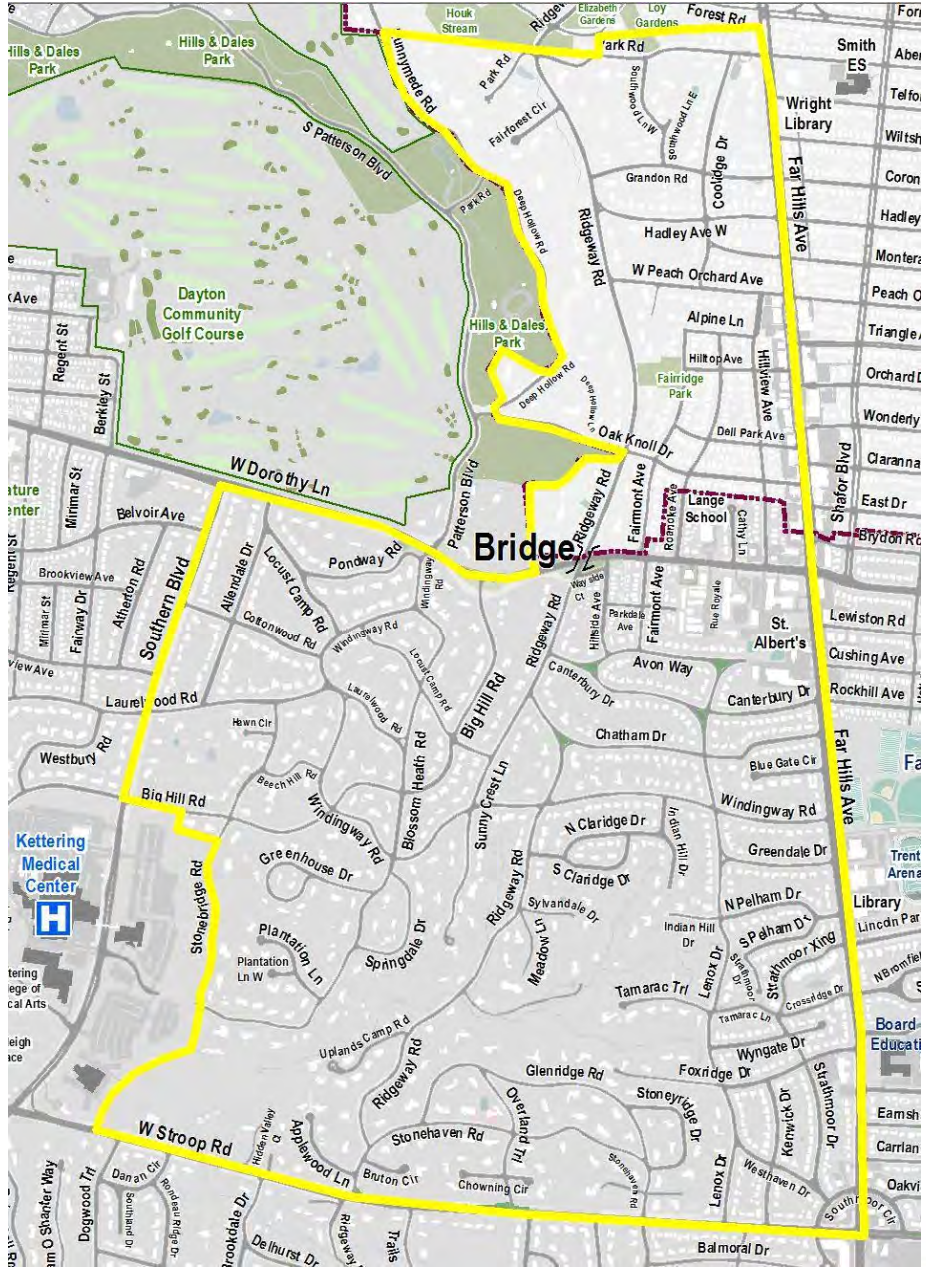
## Ohio Department of Transportation (ODOT)

- Tricia Bishop, District 7 Environmental Coordinator
- Scott Boyer, P.E., District 7 LPA Coordinator





# Project Location





# Circa 1965 Construction

Dorothy

Ridgeway





# Bridge History

- Original construction completed in 1965 with the widening, realignment, and lowering of West Dorothy Lane
- 2005 Rehabilitation
  - Replaced 6 exterior beams on center span
  - New asphalt surface
  - New parapet walls, sidewalks, & railings on top of bridge
  - Epoxy sealing of entire bridge
  - Spot surface patching of support piers
  - \$500,000 project
- 2017 Resident Engagement efforts indicated a strong desire to retain a bridge at this location for all modes of traffic

# Current Bridge Condition

- 50 year expected service life (currently 54 years old)
- Currently rated a 4 out of 9 on the Bridge Condition Index
  - “Structurally Deficient” based on June 2017 inspection report
- Design of the bridge lends itself to leakage & concrete deterioration
- Continued water leakage and chlorides from road salt will result in continued deterioration of beams and support columns
- Recent Emergency Vehicle load restriction
- Further rehabilitations similar to 2005 would not be cost effective, due to the design of the bridge and the condition of the support piers









# Bridge Concept Video







# Ridgeway Road Bridge Replacement

Kettering, OH

*Existing Bridge*







# Ridgeway Road Bridge Replacement

Kettering, OH

*Proposed Bridge*







**Ridgeway Road Bridge Replacement**  
Kettering, OH

*Existing Bridge*







# Ridgeway Road Bridge Replacement

Kettering, OH

*Proposed Bridge*







# Ridgeway Road Bridge Replacement

Kettering, OH

*Existing Bridge*







Ridgeway Road Bridge Replacement  
Kettering, OH

*Proposed Bridge*





# Proposed Improvements

- Replace the existing bridge with a new bridge for all modes of traffic (vehicles, bicyclists, & pedestrians)
- Single span bridge over West Dorothy Lane instead of current three-span bridge
- Improved vertical clearance over West Dorothy Lane
- Improved vehicular sight distance at Wayside Court & Ridgeway Road
- Sidewalks on both sides of bridge for pedestrian safety and the bridge being a “destination” point
- Improved sidewalk connection from West Dorothy Lane to Ridgeway Road

# Project Impacts

- Ridgeway Road and Wayside Court will be closed throughout the duration of the project. Traffic will be detoured around the construction area.
- Traffic on West Dorothy Lane will be maintained with lane restrictions throughout the project. Temporary overnight or weekend closures are likely for demolition and setting new beams.
- Some clearing of vegetation on the north side of the bridge is likely for construction access. Selected tree removal on the south side of the bridge for construction access and to improve sight distances.
- Potential for utility relocations prior to construction.



# Project Budget

- Current total estimated project cost: \$3,025,000
- Bridge replacement cost, including design & R/W: \$2,675,000
- ODOT Municipal Bridge Program funding: \$2,000,000
- Current estimated City CIP outlay: \$675,000
- Additional grant funding will be pursued to reduce City outlay
  
- Public Art Project budget: \$350,000
- Artist design and artwork fabrication: \$250,000
- Budget for engineering design & other contingencies: \$100,000



# Ridgeway Road Bridge Public Art Project





# *CitySites* Program

- Kettering's CitySites program is a "percent for art" program, where 1% of the City's annual Capital Improvement Program expenditures are set aside for future public art projects.
- The funds that are set aside for this program can only be used for public art projects and cannot be used for transportation maintenance projects.
- The program recognizes artistic excellence, accessibility to the arts, and the positive impact creativity has on our community.
- Bridge project culmination of several years of funding (7-8 years) – current focus on bigger projects instead of multiple smaller ones
- Schantz Avenue Bridge Project currently under construction

# Ridgeway Bridge Public Art Project Goals

- The artwork should be **visible** both day and night
- The artwork should be a **signature piece** for the Kettering community
- The artwork should **relate** to the surrounding environment.
- The artwork must be properly **scaled** to surroundings.
- The **materials** used must be able to withstand extreme weather and heavy traffic.
- The artwork should appeal to a **mass audience**.
- The artwork should be structurally sound and require low upkeep and minimal **maintenance** costs.



# Selected Artist

## Cliff Garten Studio (Venice, CA)

- Studio team specializes in public art, landscape architecture, and cultural identity in their designs
- Design team credentials include advanced degrees in architecture, engineering, landscape architecture, and sculpture, from various universities such as Harvard Graduate School of Design, Massachusetts Institute of Technology, UCLA, and Rhode Island School of Design
- Selected for the Ridgeway Bridge project through an interview process conducted by the CitySites Committee in late 2018, with artists that were finalists for the public art component of the Schantz Avenue Bridge Replacement Project
- Website: [www.cliffgartenstudio.com](http://www.cliffgartenstudio.com)



2012 / BALDWIN HILLS GATEWAY / Ken Hahn Bridge, Los Angeles, California





# Next Steps

- Comments received through May 10 will be considered in the project design process
- Project Feasibility Study, conceptual bridge renderings, and this presentation have been posted to the City's website
- Public Art component will be designed and presented to the public in the coming months
- Minor temporary right-of-way acquisition
- Project is scheduled to be bid for construction in October 2020
- Construction scheduled to begin late 2020 or early 2021
- Project complete by end of 2021



# General Question and Comment Period

- Opportunity for general questions and comments from residents
  - Interested in hearing from you about important features of the proposed bridge, aesthetic components, and public art
- Three (3) minute maximum per person to allow everyone wishing to speak to have the opportunity to be heard
- Specific questions or concerns can best be answered during the Open House period

# For Additional Questions and Concerns

- Contacts:
  - City of Kettering
    - Steve Bergstresser, P.E.  
Assistant City Manager / City Engineer  
Phone: 937-296-2412  
Email: [steven.bergstresser@ketteringoh.org](mailto:steven.bergstresser@ketteringoh.org)
  - Ohio Department of Transportation (ODOT)
    - Tricia Bishop  
District 7 Environmental Coordinator  
Phone: 937-497-6271  
Email: [tricia.bishop@dot.ohio.gov](mailto:tricia.bishop@dot.ohio.gov)
- Comment Form in mailing and available this evening
- City Website: <https://www.ketteringoh.org/ridgeway-bridge/>