

## Ridgeway Bridge Resident Survey

The City of Kettering is exploring future investment in the Ridgeway Road Bridge over West Dorothy Lane. The Ridgeway Road Bridge crosses over Dorothy Lane at the top of the hill between Southern Boulevard and Far Hills.

The Ridgeway Road Bridge was originally constructed in 1965 and rehabilitated in 2005. At 52 years old, the bridge is nearing the end of its useful life.

A total of about 900 cars cross the Ridgeway Road Bridge every day, based on May 2017 traffic counts. Beyond vehicle traffic, the bridge is used by pedestrians and bicyclists to cross over Dorothy Lane.

In 2005, the Ridgeway Road Bridge was rehabilitated at a cost of \$500,000.00. The work included installation of several new concrete beams, railing walls and an asphalt surface.

Despite the 2005 rehabilitation, the bridge beams are still deteriorating due to water leakage and road salt used during winter on the bridge surface. This deterioration will continue due to the design of the current bridge and the related water and salt leakage. The current bridge's support columns are also showing signs of advanced deterioration and cracking. The columns were patched with the rehabilitation project in 2005, but are now in need of complete replacement. For these reasons, rehabilitation of the current bridge is not cost effective.

The City is exploring several options for future investment in the Ridgeway Road Bridge:

- Replace the current bridge with a new bridge for all modes of traffic: vehicles, pedestrians, and bicyclists. Estimated costs vary between \$1.5 million and \$2 million for the replacement of the current bridge with a similar bridge that could carry all modes of traffic.
- Replace the current bridge with a new bridge for ONLY pedestrians and bicyclists, no vehicular traffic would be permitted. The estimated cost to replace the current bridge with a new bridge for only pedestrians and bicyclists, and not for cars and trucks, is approximately \$750,000.
- Remove the current bridge and NOT replace it. The estimated cost to remove the bridge entirely, without replacement, is approximately \$250,000.

For comparison:

- A bridge on East Dorothy Lane that carries about 25,000 vehicles per day cost \$1.6 million to replace in 2010.
- The bridge on East Stroop Road being replaced this year which carries about 15,000 vehicles per day is estimated to cost about \$1.3 million.
- Replacing the Ridgeway Road Bridge which carries about 900 vehicles per day is estimated to cost somewhere in the same range of \$1.5 - \$2.0 million if vehicle traffic on the bridge is maintained.

**Thank you in advance for your input on the future investment in the Ridgeway Road Bridge.**

1. Name (optional)

2. Email address (optional)

\* 3. City in which you reside

- Kettering
- Oakwood

\* 4. Street on which you reside

5. How long have you lived at your current address?

- 0 - 5 years
- 5 - 10 years
- 10 - 20 years
- 20 - 30 years
- more than 30 years

6. How often do you **DRIVE** over the Ridgeway Road bridge?

- Daily (1 or more times per day)
- Frequently (3 - 4 times per week)
- Weekly (1 - 2 times per week)
- Monthly (1 - 2 times per month)
- Rarely ( I do not regularly drive over the Ridgeway Road bridge)

7. How often do you **WALK** or **BIKE** over the Ridgeway Road bridge?

- Daily (1 or more times per day)
- Frequently (3 - 4 times per week)
- Weekly (1 - 2 times per week)
- Monthly (1 - 2 times per month)
- Rarely (I do not regularly walk or ride a bike over the Ridgeway Road bridge)

8. I use the Ridgeway Road bridge most often to:

- Drive my vehicle over Dorothy Lane
- Walk or ride a bike over Dorothy Lane
- I rarely use the bridge for any of these activities

9. If you use the Ridgeway Road bridge, why do you use it? (check all that apply)

- To travel to/from work
- To travel to/from Hills & Dales Metropark
- To travel to/from the Oakwood Business District
- To travel within my neighborhood
- To travel to/from downtown Dayton and/or points north (UD Arena, Miami Valley Hospital, etc.)
- For recreation (walking and bicycling)

10. Given the background information about the various bridge reinvestment options, estimated replacement costs and daily number of vehicles that use the Ridgeway Road bridge, which of the following do you support?

- Replace the current bridge with a new bridge for all modes of traffic: vehicles, pedestrians, and bicyclists. Estimated costs vary between \$1.5 million and \$2 million for the replacement of the current bridge with a similar bridge that could carry all modes of traffic.
- Replace the current bridge with a new bridge for ONLY pedestrians and bicyclists, no vehicular traffic would be permitted. The estimated cost to replace the current bridge with a new bridge for only pedestrians and bicyclists, and not for cars and trucks, is approximately \$750,000.
- Remove the current bridge and NOT replace it. The estimated cost to remove the bridge entirely, without replacement, is approximately \$250,000.
- Not sure / Neutral

11. If the Ridgeway Road bridge is removed and **NOT** replaced, would you feel safe or less safe **turning your vehicle onto Dorothy Lane** from these nearby side streets :

	Safe	Less Safe	Unsure / don't regularly drive on this road to access or cross Dorothy Lane
Hillview Ave	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Roanoke Ave	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fairmont Ave	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hillside Ave	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Big Hill Road	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Winding Way	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Patterson Blvd	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

12. If the Ridgeway Road bridge is removed and **NOT** replaced, would you feel safe or less safe accessing Dorothy Lane from these nearby side streets when walking or riding a bike:

	Safe	Not safe	Unsure / don't regularly use Ridgeway Road to access or cross Dorothy Lane by walking or biking
Hillview Ave	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Roanoke Ave	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fairmont Ave	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hillside Ave	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Big Hill Road	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Winding Way	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Patterson Blvd	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

13. Please provide any additional comments you wish to add.

Thank you for taking the time to complete this survey. The results will be used to guide a decision by the Kettering City Council for the potential replacement of the Ridgeway Road bridge. If you have questions regarding this project, please contact the City of Kettering City Manager's Office at 296-2412 or [KetteringCityManager@ketteringoh.org](mailto:KetteringCityManager@ketteringoh.org).