

Sellars Road/Main Street Feasibility Questions and Answers

1. On the County LOI template, do just the prequals for this project need listed or do all prequals maintained by the consultant need listed?
 - a. We have a list of ODOT prequalifications on file with your general statement of qualifications. If there are any changes to the list, please indicate as such in your letter of interest.
2. The announcement says “remove and replace deteriorated cantilevered sidewalk system” and “repair or remove the deteriorating cantilever sidewalk system”. Is the intent to keep the current bridge cross section (roadway and sidewalk widths) and evaluate repair or replacement for the cantilever system?
 - a. The intent is to eliminate the existing cantilever sidewalk system. It is not a good detail and we wish to eliminate it. A different type of cantilever system may be explored. The geometry of the bridge should accommodate the existing roadway cross sections at each end of the bridge. Any changes to lane configurations would have to be accepted by the City of Moraine since it is their road.
3. Does the cantilever system evaluation include all sidewalk components (structural steel, sidewalk, curb, barrier, and fence)? If so, are there any aesthetic considerations for new barrier or fence?
 - a. The cantilever system includes all of the items listed above. A raised sidewalk will need to be included in all solutions presented because there is sidewalk connectivity at both ends on that side of the road. There is no sidewalk connectivity on the south side of the bridge. A raised sidewalk will not be necessary there.
 - b. Simple aesthetic enhancements should be considered, such as including the City of Moraine on vandal fence that goes over the highway and/or river.
4. The 2021 joint repair plans appear to have a cantilever retrofit detail that may be able to be used elsewhere on the bridge. Is the County interested in considering the same or similar detail as the 2021 repairs or is a different repair envisioned?
 - a. The cantilever connection details are failing in multiple locations across the bridge. The County does not wish to retrofit or repair the existing details due to the poor performance of the original design.
5. Last load rating was in 2019 and likely doesn't include cleaned section loss at girder ends after 2022 repainting and current rating vehicles. Will updating the load rating be included in the scope or is a load rating of the cantilever system needed?
 - a. Any changes to superstructure dead load will need to be considered as a part of the feasibility study due to possible impact to the live load carrying capacity.
6. Will an in-depth inspection be included in scope?

- a. Consultants are expected to visit the site as a part of the feasibility study to gain a better understanding of the deficiencies of the structure. The level of inspection of the structure should be such that the Consultant is familiar enough with the details and deficiencies to provide possible solutions to address these deficiencies.
7. The 2024 inspection report mentions a plan detail of inner sidewalk beam deficiencies and photos. Can these be provided?
 - a. The details will be shared to the County website.
8. Are there any proposed changes to the trail connection or repairs to existing stairs?
 - a. The only changes to the trail connection would be to ensure that we maintain the existing connection.
9. Is the County aware of any utility needs such as additional utilities planned on the bridge or changes to the existing utilities?
 - a. There is a sanitary sewer upgrade planned in the next several years. Montgomery County Environmental Services was advised that significant work is planned for this bridge after their work is scheduled to be completed. MCES plans to bore their new, larger sewer under the river and abandon the old one in place.
10. Will the County or consultant coordinate with ODOT? Is there any coordination needed with City of Moraine, Miami Conservancy District, or others? Has any coordination, such as evaluating repairs for the ODOT bridge, been done to date?
 - a. The County will coordinate with ODOT. Any coordination with Moraine or MCD should be minimal. All proposed cross sections should be designed to be compatible with the existing roadway.
11. Is the ownership and maintenance responsibility of the County and ODOT bridges expected to remain the same after the repairs are completed?
 - a. Ownership will remain the same.
12. The announcement says the purpose of the project is to "...address other deficiencies...". Other than the cantilever sidewalk system and pier cap repairs, will the consultant be recommending repairs and/or repair levels for the County to consider or will the County be providing a list of repairs?
13. Is there a need for any concrete coring or corrosion evaluation as part of the feasibility study?
 - a. After some thought, concrete coring should be performed. This will require a Geotechnical Testing prequalification. This can be fulfilled by a subconsultant.