



Maguire Street RAISE Grant Funding Services

City of Warrensburg, MO SCOPE OF SERVICES

TASK 1: PROJECT MANAGEMENT

The CONSULTANT will provide project management, project accounting, project controls and project coordination to complete the scope of work for this project. CONSULTANT will prepare agendas, minutes and participate in meetings (number of meetings defined throughout scope) with the City of Warrensburg to complete tasks on schedule, discuss progress status at regular intervals, and receive City guidance as necessary. CONSULTANT will attend a project-kickoff meeting where each task of the scope of services will be discussed.

TASK 2: ANALYSIS

This scope of services is intended to update the safety analysis developed by HDR in the FY 2021 Maguire Street RAISE grant application. 2020 crash data will be collected, in GIS format, indicating location, severity, crash type, and contributing circumstances for both US-50 off-ramps at Maguire Street and along the project corridor at each project intersection.

This scope does not include updating of the traffic analysis completed for the FY 2021 Maguire Street RAISE grant application. The appendix titled, "Warrensburg RAISE 2021 Grant _ Appendix D - Traffic Analysis.pdf" will be updated with a statement on the cover sheet identifying the document as the submittal for the FY 2021 RAISE grant application with no changes made.

Existing Conditions Safety Analysis

The CONSULTANT will update the previously developed 2015-2019 existing conditions safety analysis to include the 2020 crash data. The CONSULTANT will organize the crash data, calculate crash rates, and prepare a baseline crash prediction analysis that will form the basis for comparison with the future year analyses. This work will be important for identifying and quantifying safety issues in the project area.

Opening Year (2026) No-Build and Build Analysis

The CONSULTANT will develop crash predictions for opening-year No-Build and Build conditions for comparison to the existing conditions baseline data and for providing benefit estimates for the economic analysis.

Design Year (2046) No-Build and Build Analysis

The CONSULTANT will develop crash predictions for design-year No-Build and Build conditions for comparison to the existing conditions baseline data and for providing benefit estimates for the economic analysis.

Task 2 Deliverables: Safety findings and results generated in this task will be written in form for insertion into the FY 2022 RAISE Grant Application. The appendix title, "Warrensburg



RAISE 2021 Grant _ Appendix B - Warrensburg BCA & Safety Technical Report.pdf” will be updated with the revised safety analysis.

TASK 3: RAISE GRANT APPLICATION

CONSULTANT will complete for the City of Warrensburg the following tasks for its FY 2022 RAISE Grant Application:

RAISE Grant Application Preparation

CONSULTANT will assist City of Warrensburg in updating the previously submitted FY 2021 RAISE Grant Application for resubmittal for a FY 2022 RAISE Grant for the previously scoped project. This scope does not include rescoping of proposed project. The CONSULTANT will provide technical writing and review services to meet the FY 2022 RAISE grant criteria. City of Warrensburg will be responsible for the actual submittal of the grant application on the grants.gov site.

CONSULTANT will provide narrative updates to the grant application based on recommendations provided by the RAISE Grant staff in the recent debrief meeting that includes:

- Additional documentation regarding possible increase in crashes on Maguire Street from Young Avenue to Gay Street due to the addition of two additional through lanes.
- Additional documentation of local and regional transportation impacts the project will provide.
- Additional documentation relative to equity that could include comparing demographics of the project study area with averages for the overall county or state (total population, median household income, poverty rate, % racial distribution, portion of the population with limited English proficiency (LEP)). Additional evaluation will be made to determine if the project is located in an Area of Persistent Poverty (APP) or a Historically Disadvantaged Community (HDC). A map will be generated showing where the low-income, large minority population, and non-native speaking populations are located.
- Additional documentation that targets the additional scoring criteria titled, “Mobility and Community Connectivity.” Narrative in the grant application to address this criterion will include project benefits related to non-motorized mobility, affordability and accessibility for all users, and mobility for freight. CONSULTANT will coordinate with the CITY to identify existing freight issues in the project vicinity to assist with this narrative. CONSULTANT will investigate other mobility benefits including new bicycle and pedestrian trips generated and additional miles traveled or time spent walking/biking due to the project.

CITY will coordinate with MoDOT and seek out other mutually beneficial partnerships, including obtaining letters of support. CITY will update the appendix titled, “Warrensburg RAISE 2021 Grant _ Appendix A - Letters of Support.pdf” with updated and new letters of support.



Benefit-Cost Analysis / Economic Impacts Analysis

CONSULTANT will update Benefit-Cost Analysis from the FY 2021 Maguire RAISE Grant application to determine the public benefits expected to be derived from the project that demonstrate adherence with RAISE's FY 2022 criteria. CONSULTANT will collect additional project data for use in the BCA including equity data, freight issues, and other data as determined by the project team. It will also provide quantitative information for inclusion in the narrative discussion.

CONSULTANT will review and update the project cost estimate and appendix titled, "Warrensburg RAISE 2021 Grant _ Appendix C - Project Cost Estimate.pdf" based on current knowledge of the construction industry and pricing from recent projects.

For each of the benefit categories, logic models will be developed that represent the methodology used to monetize each project benefit. The logic model will be populated with the most up-to-date information available. Materials for inclusion in the updated RAISE grant application and in support of the findings described in the economics section of the applications will be drafted. The appendix titled, "Warrensburg RAISE 2021 Grant _ Appendix B - Warrensburg BCA & Safety Technical Report.pdf" will be updated with the revised benefit analysis.



Schedule

CONSULTANT will complete the tasks described in this proposal no later than April 12th, assuming that City of Warrensburg provides timely reviews and all necessary data, information and documentation to CONSULTANT. A proposed breakdown of the activities required to produce the RAISE application and a tentative timeframe for their completion is provided below.

Activity	Timeframe
Notice to Proceed	March 16, 2022
Kick-Off Teleconference Meeting	Within 2 days from NTP
City of Warrensburg transmits project data to CONSULTANT	No later than one week following the Kick-Off Teleconference Meeting
CONSULTANT begins RAISE Grant application update	No later than one week following NTP
CONSULTANT submits Draft RAISE application narrative to City of Warrensburg Review	April 6 (City provide consolidated comments back April 8)
CONSULTANT submits Final RAISE application narrative and BCA Appendix to City of Warrensburg	April 12
City of Warrensburg submits RAISE application to USDOT	

Task 3 Deliverables: Completed FY 2022 RAISE Grant Application and required supplemental information.

The City shall pay HDR for all authorized performed services with a firm fixed fee amount of \$40,000.00.

ACCEPTANCE:

The parties acknowledge that this scope of services is proposed and accepted under the terms and conditions of the Engineering Services Agreement Dated March ____, 2022.

HDR Engineering, Inc.

City of Warrensburg, Missouri

By: 
Joseph Drimmel (Mar 9, 2022 14:30 CST)

Danielle Dulin, Interim City Manager

Title: Sr. Vice President

Date: Mar 9, 2022

Date: _____

ATTEST:

Cindy Gabel, City Clerk