

MEMORANDUM

TO: GTC Planning Committee Members & Alternates
FROM: James Stack, Executive Director JS
DATE: July 27, 2016
SUBJECT: UPWP Project Scope of Work

The Planning Committee must approve a Scope of Work for each new project in the Unified Planning Work Program (UPWP).

The following UPWP project Scope of Work is provided for your review and consideration:

1. Task 6240 – Vulnerable Users Safety Assessment Program (GTC staff)

Pending Planning Committee approval of the Scope of Work referenced above, this project can begin.

Recommended Action:

Consider the UPWP Project Scope of Work referenced above for approval.

Vulnerable Users Safety Assessment Program

Scope of Work

A. Objective

To conduct an analysis of crashes involving vulnerable users (e.g., bicyclists, pedestrians, motorcyclists, horse and buggy) throughout the nine-county Genesee-Finger Lakes Region to identify ten locations (intersections and/or roadway segments) for which to conduct Roadway Safety Assessments.

B. Background

During the period 2010 through 2014, inclusive, there were 1,474 bicyclist-involved injury crashes, 163 serious injury crashes involving bicyclists, and 17 bicyclist fatalities in the region. During the same time frame, there were 1,970 pedestrian-involved injury crashes, 350 serious injury crashes involving pedestrians, and 69 pedestrian fatalities. Similarly, there were 1,945 motorcyclist-involved injury crashes, 473 serious injury crashes involving motorcyclists, and 76 motorcyclist fatalities during that time frame in the nine-county region.

Previous efforts to address these crashes have included the development of bicycle and pedestrian-supportive code language, trail feasibility studies, and active transportation plans that include safety-supporting recommendations. Concept-level plans developed under the Safe Routes to School Assessments in 2009 and the Regional Walkability Improvement Program in 2015 also include safety-related recommendations. The most recent study of this nature specifically focused on improving safety for vulnerable users was completed in 2005 and covered pedestrian crashes in Monroe County.

This project will apply a region-wide filtering analysis to cost-effectively identify ten sites where improvements are most needed (based on reducing the probability of future crashes occurring at these locations if left untreated) to reduce the number and severity of vulnerable user-involved crashes through the utilization of the Roadway Safety Assessment (RSA) process.

The RSA process has potential application throughout the region and this project will expose the members of the ten interdisciplinary teams as well as staff from the participant agencies to the process, which will increase their knowledge and capability to improve traffic safety. This Task will be accomplished in two phases, with the first phase including the analysis and identification of the RSA sites using FY 2016-2017 UPWP funding, and the second phase to include the conducting of the ten RSA pending anticipated approval for inclusion in the FY 2017-2018 UPWP.

C. Tasks

1. Convene a steering committee to guide and monitor the progress of the project.
2. Engage a consultant to conduct an analysis of crashes for the vulnerable users in the region (bicyclists, pedestrians, motorcyclists, etc.) to determine those areas of highest crash density/frequency for these users. Document all analysis, assumptions, conclusions, and recommendations.

3. Working with the consultant, the steering committee will select ten sites (roadway segments and/or intersections) for further evaluation.
4. Working with the steering committee, and representatives for each of the ten RSA sites, the consultant will assist in identifying the specific individuals that should be invited to participate in each of the ten RSA, and in developing preliminary work plans for each of the RSA.

Phase II, described below, will be conducted using FY 2017-18 UPWP funding, subject to anticipated approval for inclusion in the 2017-2018 UPWP.

5. Consultant (with assessment teams) will conduct Road Safety Assessments (RSA) on the ten sites identified in step 3.
6. Distribute the RSA results to the municipalities/agencies that own/maintain the affected facilities.
7. Summarize the project results in an Executive Summary describing the process (including the selection of the sites for the performance of the ten RSA) and the overall results of the ten RSA.

D. Products (Phase I)

1. Phase I Summary of Analysis
2. Phase I Site Recommendations/Selections
3. Phase II preliminary Work Plans (Described in Task 4)

E. Products (Phase II)

4. Ten Completed Roadway Safety Assessments
5. Executive Summary

F. Public Participation Plan

This project is anticipated to be a data-driven technical assessment largely guided by the professional judgment of the consultant team and the steering committee. Outreach will be undertaken by the steering committee during the selection of the sites for the completion of the ten RSA to ensure that the owners of the affected roads (who will receive the recommendations for improvement) are in agreement about the value of the process, the importance of bicycle, pedestrian, and motorcycle safety, and the process for following-up on the RSA recommendations.

G. Schedule

Start Date, Phase I: September 2016
Start Date, Phase II: April 2017

End Date, Phase I: March 2017
End Date, Phase II: March 2018

H. Project Budget

Sources of Funds		Uses of Funds	
	FY 2016-16		FY 2016-17
<u>Federal Funds</u>		<u>GTC</u>	
FHWA	\$63,449	Staff	\$13,449
FTA	0	Contractual	0
Subtotal	\$63,449	Subtotal	\$13,449
<u>Matching Funds</u>		<u>Other Agency</u>	
State (In-kind)	\$0	Staff	\$0
Local (In-kind)	5,556	Contractual	50,000
Local (Cash)	0	In-kind Exp.	5,556
Subtotal	\$5,556	Subtotal	\$55,556
<u>Total</u>	<u>\$69,005</u>	<u>Total</u>	<u>\$69,005</u>

(As described above, this Task will be completed in two phases. FY 2016-2017 UPWP fully funds phase I through Task 4, above. It is anticipated that phase II Tasks 5-7 will be fully funded in the FY 2017-2018 UPWP.)