

**TRAFFIC ENGINEERING ASSISTANCE PROGRAM (TEAP)
PROGRAM APPLICATION**



Project # _____ (to be assigned by MoDOT)

Application Date: Sept 9, 2016

A. LOCAL PUBLIC AGENCY (LPA) INFORMATION

Sponsor Name: Village of Sunrise Beach, MO
Contact Person: Roger Corbin
Title: City Planner
Address: PO Box 348 City: Sunrise Beach State: MO Zip: 65709
Phone: 573-374-8782 Fax: 573-374-6456 Email: citysb@yahoo.com

Co-Sponsor Name: Camdenton R III School District
Contact Person: Dr. Tim Hadfield
Title: Supt of Schools
Address: PO Box 1409 City: Camdenton State: MO Zip: 65020
Phone: 573-346-9213 Fax: 9211 Email: THadfield@camdenton
schools.org

B. BASIC PROJECT INFORMATION

Project Title: Traffic Safety Study
MoDOT District: Central County: Camden
Metropolitan Planning Organization (if applicable): Lake of the Ozarks Council of Local Governments

C. PROJECT LOCATION INFORMATION

1. Where is the project located? Attach a map no larger than 8 1/2 inches by 11 inches.

The project is located at the intersection of Hwy 5 (MO) and Lake Road 5-33 Legion Drive in Sunrise Beach, MO

2. Please check the appropriate box for each question.

➤ Is the project a component or an extension of a previous or future transportation federal aid project? Yes No
If so, give the project number: _____
If so, explain relationship:

➤ Does the project sponsor own the right of way? Yes No

➤ Does any part of the project study limits fall on MoDOT right of way? Yes No

➤ If yes, does the project sponsor have approval from appropriate MoDOT District Traffic Engineer (no duplication of services)? Yes No

(verbal ok from Trent and Jeremy Jones Brooks)

D. PROJECT DESCRIPTION

Please provide a concise overview of the project by answering questions and providing data in the following sub-sections. Drawings no larger than 8 1/2 inches by 11 inches may be attached to the back of this application.

1. Project Activities and Tasks

Check all that apply. A project may overlap categories.

- Corridor Safety and/or Operational Analysis
- Intersection Safety and/or Operational Analysis
- Speed Limit Review
- Pedestrian Safety and/or Operational Analysis
- Bicycle Safety and/or Operational Analysis
- Inventories (sign, sidewalk, bicycle facilities, etc.)
- Parking Analysis
- Other, explain

2. Project Overview

Define the need of the project and provide a brief summary of the project.

Project need:

The Hurricane Deck school in Sunrise Beach, Mo was recently renovated with an expanded attendance area. The latest traffic counts are 2,000 vpd. A study is needed for a stop light + this intersection.

Project summary: Since the RIII District passed a bond issue to nearly double the size of Hurricane Deck school, the village has discussed the need for a traffic signal in fact the electrical wiring was placed in the road widening in case a signal was warranted. This independent study is needed to judge that need.

3. Project Details

Provide a brief description to each category listed below as to how it applies to the project.

"Engineering Resources" - Refers to the LPA's own staffed traffic engineering resources.

The local agency has a consultant engineer Schutz Surveying and Engineering Lake Ozark, Mo

"Safety" - Refers to the degree to which traffic safety is addressed via the project.

The current intersection has site distance problems especially to the North on Mo Hwy 5 during egress from Legion Rd (Lake rd 5-33)

"Congestion" - Refers to the degree to which traffic congestion is addressed via the project.

During ingress and egress at the school site local police and fire dept personnel have to manually direct traffic at the site

"Innovation" - Refers to countermeasures being considered (roundabouts, flashing yellow arrow, j-turns, prismatic sheeting, etc.).

In anticipation of the school renovation, the village cost shared a mile widening of Hwy 5 in 2014. This allowed for a turning lane into the school

"Implementation" - Refers to the feasibility of the LPA following through with changes as a result of the project.

If a traffic signal is needed as a result of the engineering study, then the local public agency (LPA) will work with the school board (RIII)

"Value" - Refers to the overall gain the project could offer compared to the total cost.

There have been several fatalities near the crossing in the past five years. The school district intends to continue to expand the attendance area and may utilize the facility for night courses. a traffic control device may be needed

E. GENERAL COST ESTIMATE

List the cost of the project components in the table provided below. Federal funds can reimburse 80 percent (up to \$8,000 per project) of the total project cost. Non-federal matching funds (at least 20%) may come from the LPA's resources or from a third-party donation to the LPA for cash, materials or labor.

Example #1:

Total Project Cost: \$15,000

HSP/TT Funds: \$15,000 x .80 = \$12,000 BUT the max is \$8,000

LPA: \$15,000 * .20 = \$3,000 (Plus the overage of \$4,000 of the federal share) = \$7,000

Example #2:

Total Project Cost: \$5,000

HSP/TT Funds: \$5,000 x .80 = \$4,000

LPA: \$5,000 x .20 = \$1,000

TASKS (surveying, traffic counts, conceptual report, final report, etc.)	TASK TOTAL	FEDERAL SHARE REQUEST (80% of project total, up to \$8,000 per project)	NON-FEDERAL MATCH (Project total - 80% of project total, at least 20%)
1. Traffic Counts	\$ 2,000		
2. Design	\$ 2,000		
3. Final Report	\$ 2,000		
4.	\$		
5.	\$		
PROJECT TOTAL	\$ 6,000	\$ 4,800	\$ 1,200

F. PUBLIC INVOLVEMENT AND PARTNERSHIPS

Describe the public involvement outreach activities the LPA has completed, or intends to complete, in order to gain support for this project. Also describe any partnerships that will be developed as a part of this project. Describe any anticipated opposition to the project and how that opposition will be addressed.

The local public agency has coordinated this with the local school board, discussed it with the planning commission, and fire department. The administrator of the Hurricane Beach School has also been involved.

G. PAST EXPERIENCE

Briefly describe the LPA's past experience with the implementation of similar projects. Include the experience level of the consultant, engineer, etc., if applicable.

The local public agency has not been involved with similar projects with the exception of traffic planning for the one mile widening of MO Hwy 5.

Charles E. Roth
Sponsor signature Trustee

09/09/2016
Date

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