

# STAFF REPORT



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|-----------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>MEETING DATE:</b>  | <b>2/26/13</b>                                                                                                           |
| <b>SUBJECT:</b>       | <b>Authorize Submittal of a Community-Based Transportation Planning Grant for Transportation Data and Model Upgrades</b> |
| <b>AGENDA ITEM:</b>   | <b>6-5</b>                                                                                                               |
| <b>STAFF CONTACT:</b> | <b>Sean Tiedgen</b>                                                                                                      |

## **SUMMARY:**

Staff proposes applying for a \$300,000 Community-Based Transportation Planning grant through Caltrans. Applications are due April 2, 2013. A board resolution is required.

## **STAFF RECOMMENDATION:**

It is recommended that the board of directors:

1. Approve Resolution No. 13-01, authorizing a Caltrans Fiscal Year 2013/14 Community-Based Transportation Planning grant; and
2. Authorize the executive director to execute and submit all applicable grant documents, funding agreements and amendments with Caltrans.

## **DISCUSSION:**

New state and federal planning priorities necessitate an expansion of performance measures for the 2015 Shasta County Regional Transportation Plan. There is a shared interest across California in performance measure consistency to accurately compare outcomes between regions and to improve interregional planning efforts.

A Geographic Information Systems (GIS)-based planning analysis tool that is synced with the agency's new activity-based travel model is recommended to help the region and local agencies develop and evaluate a broad range of performance measures, including: mobility, safety and economic impacts. Funds will also be used to collect local data for model operation. Several regional agencies are already developing and utilizing such tools for their region.

On a related note, data regarding bicycle and pedestrian travel in Shasta County is currently limited to small and irregular samples. Better data is recommended to effectively manage associated regional transportation policies, goals, and performance outcomes. Specific uses include: travel demand model calibration; demonstration of grant funding needs; and corridor studies.

This work may be funded via the Caltrans Community-Based Transportation Planning grant program. If approved by the board of directors, staff will prepare a grant application based on the attached scope of work summary. Tasks include:

- Shasta County Regional Transportation Plan development and performance outcome planning analysis tools;
- Automated non-motorized bicycle and pedestrian counting technology at key locations identified by partner agencies;
- Integration of data into the agency's new activity-based travel demand model and regional Geographic Information Systems platform (FarNorCalGIS) online map viewer; and
- Calibration of the travel model's non-motorized network.

If the grant is successful, board of directors' approval would be required to accept the funds and add them to the 2013/14 Overall Work Program (OWP) budget.

**ALTERNATIVES:**

The board may decline to participate in the grant program or approve preparation of the grant application with specific modifications to the scope of work.

**OTHER AGENCY INVOLVEMENT:**

The Caltrans Division of Transportation Planning evaluates proposals, awards grants, and serves as grant administrator. The cities and county have been consulted regarding the proposed scope of work and deliverables. The Technical Advisory Committee (TAC) concurs with the staff recommendation.

**FINANCING:**

It is estimated that the total project cost will not exceed \$300,000. A 10% local match is required, of which 7.5% must be cash match. Cash match will be provided via other state and federal planning funds available to the agency. Grant funds would reduce the burden on SRTA's core planning funds since many of these tasks would be undertaken regardless.

A handwritten signature in black ink, appearing to read 'D. Little', is written over a horizontal line.

**Daniel S. Little, AICP, Executive Director**

**Attachments:** Resolution No. 13-01  
Draft Grant Project Summary

# RESOLUTION



|                           |                                                                                                                               |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <b>RESOLUTION NUMBER:</b> | <b>13-01</b>                                                                                                                  |
| <b>SUBJECT:</b>           | <b>Certifying Approval to Submit a Fiscal Year 2013/14 Caltrans Community-Based Transportation Planning Grant Application</b> |

**WHEREAS**, the Legislature and Governor of the State of California have provided funds for the Fiscal Year 2013/14 Transportation Planning Grant Programs; and

**WHEREAS**, the California Department of Transportation (Caltrans), Division of Transportation Planning, has been delegated the responsibility for the administration of this grant; and

**WHEREAS**, the Community-Based Transportation Planning (CBTP) grant program is funded by the state and requires a resolution certifying the approval of application(s) by the applicant's governing board before submission of said application(s) to the state; and

**WHEREAS**, Shasta Regional Transportation Agency is an eligible applicant to receive federal and/or state funding for certain transportation planning-related plans, through Caltrans; and

**WHEREAS**, the applicant, if selected, will enter into an agreement with the State of California to carry out the development of the proposal; and

**WHEREAS**, a Fund Transfer Agreement is needed to be executed with Caltrans before such funds can be claimed through the Transportation Planning Grant Programs.

**NOW, THEREFORE, BE IT RESOLVED** that the Shasta Regional Transportation Agency Board of Directors:

1. Approves the submission of a CBTP grant application to Caltrans to develop Regional Transportation Plan planning analysis tools and conduct a non-motorized transportation activity study to assist the agency with various transportation planning activities; and
2. Authorizes the executive director to execute all necessary documents and funding agreements necessary to secure grant funds and to implement and carry out the purposes specified in the grant application.

**PASSED AND ADOPTED** this 26th day of February, 2013, by the Shasta Regional Transportation Agency.

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, Chair  
Shasta Regional Transportation Agency

## SRTA Caltrans Planning Grant Project Summary - DRAFT

### **1. Task 1 – Project Administration**

Description: Overall management of the grant.

- a. Request For Proposals for Consultant Services
- b. Staff Coordination
- c. Project Kick-off Meeting with Caltrans staff

### **2. Task 2 – Fiscal Management**

Description: This task addresses all financial management tasks of the grant.

- a. Monthly Invoicing
- b. Quarterly Reports

### **3. Task 3 – Development of Planning Analysis Tools to support Shasta County Regional Transportation Plan**

Description: This will develop Geographic Information Systems (GIS)-based planning analysis tools to assist SRTA in analyzing the fiscal, transportation mobility, and safety benefits of plans and policies in our RTP; develop performance measures; understand economic benefits of transportation/land use investments; assist local agencies in the development of specific/community plans; corridor study review; and analyze effects of zoning changes.

- a. Base Layer Data Development
- b. Model Development
- c. Scenario Testing
- d. Validation/Calibration
- e. Final Model

### **4. Task 4 – Multi-Model Data Collection Survey**

Description: This will be a 12-16 month study that will collect bicycle, pedestrian, and vehicle activity at various locations in Shasta County.

- a. Data Location Collection Plan
- b. Pilot Project
- c. Full Study

### **5. Task 5 – Technical Stakeholder Coordination**

Description: Tasks providing technical support of Tasks 3 and 4 of the project.

- a. Technical Support
  - i. Shasta Model Users Group and other relevant TAC groups will be formed.
- b. Data integration with regional GIS platform (FarNorCalGIS)
- c. SRTA activity-based travel demand model integration