

## **ATTACHMENT A SCOPE OF WORK**

### **US 101 Expressway to Freeway Conversion Concept Analysis in Monterey County (from the Main Street Overcrossing in Chualar to the Airport Boulevard Overcrossing in Salinas)**

#### **INTRODUCTION:**

The Transportation Agency for Monterey County (TAMC), in partnership with Caltrans District 5, proposes to convert US 101 from an expressway to a freeway in Monterey County from the Main Street overcrossing in Chualar to the Airport Boulevard overcrossing in the City of Salinas. Both a Corridor Study and Project Study Report were previously performed to begin the process. This scope of work focusses on performing and recording extensive public outreach with an involved, motivated constituency to develop, evaluate, and rank various concepts to supplement the Project Study Report (PSR). The concepts are intended to accomplish the Purpose and Need and efficiently lead the project into the environmental determination phase. The Consultant selected will prepare a matrix of concepts identifying potential environmental impacts and regulatory requirements.

#### **BACKGROUND:**

US 101 is California's major north-south coastal route between Los Angeles and San Francisco, and is a vital asset to national, state and local economies. Its close proximity to two of the nation's largest cities makes it an essential route for national and international goods movement, commerce, trade, tourism, education, military transport, spaceport and national defense operations, and other important industrial activities.

US 101 in Caltrans District 5 accommodates interregional, regional and urban traffic. Common personal mobility purposes are related to business, government, recreation, tourism and daily living, including journey-to-work. The highway accommodates freight and goods movement related to agriculture, commerce and manufacturing. National defense-related transport, including the movement of troops, equipment and hazardous materials is also served by US 101.

US 101 between Salinas and King City consists of four lanes of either rural expressway or rural freeway with intermittent frontage roads. The existing Union Pacific railroad line runs alongside the west side of US 101. Along this stretch of US 101, there are numerous at grade intersections, public and private railroad crossings, some of which are uncontrolled, and a non-standard interchange (Abbott Street). Fresh packaged produce from agricultural operations in the area requires immediate movement to markets after picking and packaging. The agricultural operations contribute to traffic conflicts between high speed through traffic and slow-moving vehicles entering or exiting the adjacent agricultural fields and related services as well as conflicts with crossing the railroad tracks.

A Corridor Study (CS) coving US 101 from the King City northern urban boundary to the Salinas southern urban boundary was completed in July 2001. A Project Study Report (PSR) covering US 101 from the Chualar Main Street overcrossing to the Salinas Airport Boulevard overcrossing was completed in July 2003. A Transportation Concept Report was completed in December 2014.

**PURPOSE AND NEED:**

The purpose of the project is to improve safety, operations, interregional traffic flow and local circulation of goods movement on the US 101 corridor through an expressway to freeway conversion from the Main Street Overcrossing in Chualar to the Airport Boulevard Overcrossing in Salinas.

The PSR project study area and surrounding areas have experienced a substantial amount of development, which is expected to continue into the future. This continued growth along with continued growth in commute and interregional traffic has resulted in substantial congestion and safety issues. Without improvements, continued growth will result in an escalation of congestion and safety concerns including lack of controlled access, trucks crossing the highway and railroad, slow moving agricultural equipment and non-standard left exit and left entrance ramps at the Abbott Street Interchange.

The purpose of this RFP is to supplement the existing Project Study Report by developing, evaluating and recommending viable concepts to be evaluated in the environmental phase of the project.

**TASKS:****Task 1: Project Management****1.1. Project Kick-off Meeting:**

- A. Organize and facilitate a kick-off meeting with the design team, Caltrans and TAMC. Consultant to coordinate the meeting, prepare the agenda, take meeting minutes and distribute final minutes, including action items.

**1.2. Project Development Team Meetings:**

- A. Organize and facilitate monthly project development team meetings with TAMC, Caltrans and other parties as appropriate. Consultant to coordinate meetings, prepare agendas, take meeting minutes, distribute final minutes and maintain a list of action items.

**1.3. Project Management Meetings:**

- A. Organize and facilitate weekly project meeting call-ins with TAMC. Consultant to coordinate meetings, prepare agendas, take meeting minutes and maintain a list of action items.

**1.4. Project Schedule:**

- A. Develop and maintain a project schedule (schedule of work). The schedule shall cover the life of the project and include milestones and deadlines.

**Task 2: Public Outreach:** Consultant shall create a comprehensive bilingual public outreach plan that includes, at a minimum, the following tasks:

2.1. Online Community Engagement:

- A. Create and maintain a project website with project information, announcements, and comment box for the public to submit feedback. The website will be a resource for communicating project information and receiving public comments. Consultant to work with TAMC on developing the website and content.
- B. Target outreach to solicit public input from citizens unable to attend community workshops or presentations with an interactive online project forum.

2.2. Community Advisory Group:

- A. Organize and facilitate a minimum of six (6) Community Advisory Group meetings to introduce the project to the advisory group, introduce the project website and solicit feedback on how the public accesses and uses the corridor and surrounding area. Feedback shall be used in developing and refining concept alternatives. Consultant shall provide outreach materials, meeting presentation materials and graphics, and meeting notes. Consultant to work with TAMC on developing meeting materials and graphics.

2.3. Community Workshops:

- A. Organize and facilitate a minimum of three (3) Community Workshops to introduce the project to the community, introduce the project website and solicit feedback from the public on concepts. Public comments may be used to help revise and finalize concept alternatives. Consultant shall provide outreach materials, workshop presentation materials and graphics, and workshop notes. Consultant to work with TAMC on developing workshop materials and graphics.

2.4. Board Presentations:

- A. Present refined concept alternatives to local boards and councils along the corridor (TAMC, City of Gonzales, City of Salinas, County of Monterey and various groups). Consultant shall also provide presentation materials and graphics.

**Task 3: Base Mapping**

3.1. Existing Mapping:

- A. Gather existing base mapping information for use in preparing base maps including, but not limited to:
  - 1. AMBAG imagery provided through TAMC,
  - 2. Public Utility Mapping from various utility providers provided through TAMC,
  - 3. Monterey County APN information provided through TAMC (GIS/dwg file),

### 3.2. GPS Surveys:

- A. Perform GPS surveying of existing well sites and visible infrastructure. Consultant shall contact various organizations and groups with well data prior to performing GPS surveys to obtain available data (RWQCB, Monterey County Health Department, Salinas Valley Basin Groundwater Sustainability Agency, Geotracker, etc.).

## **Task 4: Existing Corridor and Surrounding Area Data Collection**

### 4.1. Existing Document Review:

- A. Review existing documents including, but not limited to the following:
  - 1. Corridor Study, July 2001,
  - 2. Project Study Report, July 2003,
  - 3. Transportation Concept Report, December 2014,
  - 4. Monterey County Traffic Impact Studies,
  - 5. Various General Plans, Specific Plans, Land Use Plans, etc.

### 4.2. Existing Conditions and Traffic Volumes:

- A. Conduct field survey and needs assessment to document existing conditions on US 101 and Old Stage Road and at all their cross-street intersections.
- B. Identify opportunities and constraints and photograph corridor areas.
- C. Review crash histories (CHP and Caltrans data) for US 101, Old Stage Road and UPRR crossings.
- D. Collect Origin and Destination, and travel time data at strategic locations in coordination with TAMC.
- E. Collect intersection turning movement counts at approximately twenty (20) locations identified by TAMC. Counts along US 101 shall be obtained through video collection.

**Task 5: Modeling:** From the AMBAG Regional Model, prepare a model to estimate traffic diversions generated by the top five viable concepts and suggest possible improvements to accommodate diverted traffic.

### 5.1. Base Model:

- A. Develop a base model for the no build scenario at current year volumes.

### 5.2. Travel Patterns:

- A. Analyze current local and regional travel patterns for up to five (5) concepts identified by TAMC along the following routes:
  - 1. US 101, from Airport Boulevard in Salinas to Alta Street in Gonzales,
  - 2. Old Stage Road, from Williams Road in Salinas to US 101 in Gonzales.

### 5.3. Diversion Traffic:

- A. Analyze impact of diversion traffic along the following routes:

1. Hartnell Road,
2. Spence Road,
3. Potter Road,
4. Esperanza Road,
5. Chualar Road,
6. Alisal Road,
7. Old Stage Road,
8. Williams Road.

## **Task 6: Concept Development and Refinement Analysis**

### **6.1. Viable Concepts:**

- A. Develop a range of reasonable and viable concepts through the Public Outreach process. For estimating purposes, assume ten (10) viable concepts.

### **6.2. Concept Evaluation:**

- A. Develop criteria for ranking concepts including, but not limited to:
  1. Traffic safety
  2. Traffic operations
  3. Induced traffic diversion
  4. Freight movement
  5. ROW needs
  6. Business access
  7. Farming operations
  8. Storm water compliance
  9. Potential environmental issues
  10. Union Pacific Railroad constraints
  11. Estimates of probable costs
- B. Evaluate concepts and create a concept comparison matrix.
- C. Rank viable concepts and include explanations of rejected concepts. The top five viable concepts shall be addressed in the PSR Supplement.

### **6.3. Implementation Strategies:**

- A. Recommend implementation strategies for the top five concepts including short-term, mid-term and long-term improvements.

## **Task 7: Project Study Report Supplement**

### **7.1. Administrative Draft Supplement:**

- A. Compile outcomes of previous tasks into a single Administrative Draft PSR Supplement document for staff review and comment. Include an Executive Summary, chapters on existing conditions, corridor travel analysis and concept refinement, and recommendations for short and mid-term transportation improvements.

7.2. Draft Public Supplement:

- A. Refine the Administrative Draft document per staff comments to prepare a Draft Public PSR Supplement. Provide online and printed versions of the document.

7.3. Final Supplement:

- A. Revise the Draft document to address comments from the public, Caltrans and TAMC. Provide electronic, online and printed versions of the final document.

**Task 8: Fiscal Management**

8.1. Invoicing:

- A. Submit complete invoice packages, including backup, to TAMC. All invoice packages shall contain the TAMC invoice cover sheet. Invoicing shall be set up on a monthly or quarterly basis.

**ADDITIVE ALTERNATE TASKS**

**Task 9: Simulations**

9.1. Corridor Travel Simulations

- A. Develop corridor traffic simulation evaluating alternative project concepts.