

# ATTACHMENT A

## SCOPE OF WORK

### **Purpose:**

San Miguel Canyon Road-Hall Road-Elkhorn Road-Salinas Road-Porter Drive (the G12 Corridor) serves as an alternative route to the congested SR 1 between Monterey and Santa Cruz Counties for regional commuter, agricultural freight, and residential traffic between US 101 in Prunedale and the City of Watsonville in Santa Cruz County. The Pajaro to Prunedale Corridor Study will provide near term and mid-range conceptual plans to improve safety, multimodal traffic operations, transit, agricultural freight transport, and stormwater management along the G12 expressway in North Monterey County.

### **Goals:**

The final result will be a comprehensive corridor plan with a list of near term and mid-range projects that are prioritized by safety, cost effectiveness, and environmental sustainability in the G12 Corridor that appropriate bodies can use in planning and implementation.

### **Timeline:**

Consultant services for the Pajaro to Prunedale Corridor Study are anticipated to last approximately from December of 2017 through January of 2020.

### **Tasks:**

#### **Task 1: Bilingual Public Engagement**

##### **1.1: Online Community Engagement**

- Create 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.
- Target outreach to solicit public input from citizens unable to attend community workshops or presentations with an interactive online project forum.

##### **1.2: Presentation #1 to Board of Directors**

- Presentation to introduce the corridor plan to the decision making bodies, define the scope of the plan, introduce the project website, and solicit feedback from the Board and public about the corridor and the plan.

##### **1.3: Community Workshop #1 & #2 - Existing Conditions**

- These workshops will introduce the corridor study and plan project to the communities along the corridor, define the scope of the study, introduce the project website, and solicit feedback from the public about the corridor and the plan. Public comments will be used to help define specific plan objectives.

#### **1.4: Community Workshop #3 & #4 – Opportunities for Improvement**

- This workshop will present substantial draft finding of the corridor plan to the community and solicit final feedback from the public about the corridor plan findings. Public comments will be used to help finalize the conclusions and recommendations.

#### **1.5: Presentation #2 to Board of Directors**

- Present a substantial draft finding of the corridor plan to the community and solicit final feedback from the Board and public about the corridor plan findings.

<b><u>Task</u></b>	<b><u>Deliverable</u></b>
<i>1.1</i>	<i>Agency website, social media content, interactive online project forum.</i>
<i>1.2</i>	<i>Presentation materials, meeting notes, and public feedback.</i>
<i>1.3</i>	<i>Workshops, post-workshops summaries, public feedback.</i>
<i>1.4</i>	<i>Workshops, post-workshops summaries, public feedback.</i>
<i>1.5</i>	<i>Presentation materials, meeting notes, and public and Board feedback.</i>

### **Task 2: Corridor Travel Analysis**

#### **2.1: Existing Conditions and Traffic Volumes, Modeling**

- Analyze current regional and sub-regional travel patterns between U.S. 101 in Prunedale and Santa Cruz County via the G12 Corridor along the following routes:
  - San Miguel Canyon Road from U.S. 101 to Hall Road.
  - Hall Road from San Miguel Canyon Road to Elkhorn Road.
  - Elkhorn Road from Hall Road to Salinas Road.
  - Salinas Road from Porter Drive to SR 1.
  - Werner Road from Elkhorn Road to Salinas Road.
  - Porter Drive from Salinas Road to the Santa Cruz County Line.
- Analyze impact of congestion along SR 1 and U.S. 101 on the G12 corridor.
- Conduct systemic safety analysis of the corridor.
- Conduct multimodal level of service analysis of the corridor.
- Conduct transit service needs assessment.
- Conduct access inventory.
- Conduct travel time reliability analysis.
- Conduct greenhouse gas emissions analysis.
- Conduct travel pattern analysis for local vs. regional traffic.

#### **2.2: Short-Term and Mid-Term Project Concepts and Layouts**

- Conduct up to 15 intersection control evaluations at key intersections along:
  - San Miguel Canyon Road
  - Hall Road

- Elkhorn Road
- Salinas Road
- Porter Drive
- Identify needed bicycle and pedestrian improvements for the corridor.
- Identify areas for additional turn pockets and merge lanes.
- Identify opportunities to improve access to transit stops, including ADA upgrades and real time bus arrival information.

**2.3: Corridor Travel Simulation**

- Develop corridor traffic simulation evaluating alternative project concepts.

**2.4: Storm Water Management and Water Quality Analysis**

- Develop conceptual designs for stormwater management/treatment facilities.
- Develop conceptual Stormwater Control Plan for the corridor.

**2.5: Short-Term and Mid-Term Project Cost Estimates**

- Develop cost estimates for alternative project concepts.

<b>Task</b>	<b>Deliverable</b>
2.1	<i>Regional and sub-regional travel analysis with graphic representations of congestion, draft existing conditions chapter. Travel time impact analysis, air quality impact analysis, draft development Impact chapter.</i>
2.2	<i>Intersection control evaluations, impact/benefit analysis of regional improvements, draft short-term and mid-term solutions chapter.</i>
2.3	<i>Corridor traffic simulation evaluating alternative project concepts.</i>
2.4	<i>Stormwater treatment conceptual designs and control plans</i>
2.5	<i>Project cost estimates.</i>

**Task 3: Pajaro to Prunedale Corridor Plan**

**3.1: Administrative Draft Plan**

- Compile outcomes of public workshops, presentations, and outreach efforts.
- Review with TAMC staff the proposed conclusions and recommendations for the plan.
- Prepare the draft plan including:
  - Executive summary
  - Summary of the public outreach process
  - Graphics and photos
  - Recommendations for short and mid-term transportation and stormwater management improvements to be considered by appropriate bodies
  - Implementation strategy to fund and sequence priority projects.
- Deliver the administrative draft plan to staff for review.

### 3.2: Draft Plan

- Incorporate staff comments and revise the administrative draft for public release.

### 3.3: Final Plan

- Finalize draft plan, responding to public comments and incorporating staff and TAMC Board feedback.

<b>Task</b>	<b>Deliverable</b>
<i>3.1</i>	<i>Administrative Draft Plan Document</i>
<i>3.2</i>	<i>Draft Plan Document</i>
<i>3.3</i>	<i>Final Plan Document</i>