

**Fiscal Year 2011-12
TRANSPORTATION PLANNING GRANT
APPLICATION**

Application Signature Page

If selected for funding, the information contained in this application will become the foundation of the contract with Caltrans.

To the best of my knowledge, all information contained in this application is true and correct. If awarded a grant with Caltrans, I agree that I will adhere to the requirements and guidelines specified in this grant application.



Signature of Executive Director (Applicant)

City Planning & Community Investment Director

Title

William Anderson

Print Name

3-28-11

Date

Signature of Authorized Official (Sub-recipient)

Print Name

Title

Date

THE FOLLOWING DOCUMENTS ARE REQUIRED:

Submit via e-mail as separate attachments. Refer to the Transportation Planning Grant Guide for additional information and/or samples.

- Application* (Complete the PDF version of this form provided at <http://www.dot.ca.gov/hq/tpp/grants.html>.) **Only one application submittal per e-mail is permitted.**
- Application Signature Page (Print, sign, and scan this page in PDF format)
- Scope of Work (Microsoft Word format)
- Project Schedule (Microsoft Excel format)
- Map of Project Area
- Local Resolution (Applicable to CBTP and EJ only – PDF format)

THE FOLLOWING DOCUMENTS ARE OPTIONAL:

- Digital Photographs of Project Area (when applicable)
- Letter(s) of Support

Failure to include any of the required documents will result in a reduced application score.

***Scanned applications will not be accepted.**

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Check One Grant Program

- Environmental Justice
- Community-Based Transportation Planning
 - Catalyst Project for Sustainable Strategies Program
- Partnership Planning
- Statewide or Urban Transit Planning Studies
- Rural or Small Urban Transit Planning Studies
- Transit Planning Student Internships

PROJECT TITLE Morena Boulevard Station Area Study

PROJECT LOCATION (city(ies) and county(ies)) City of San Diego, County of San Diego

	APPLICANT		SUB-RECIPIENT(S)
Organization	City of San Diego	Organization	
Executive Director and title Mr. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Mrs. <input type="checkbox"/>	Bill Anderson, City Planning & Community Investment Director	Executive Director and title Mr. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Mrs. <input type="checkbox"/>	
Contact Person and title Mr. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Mrs. <input type="checkbox"/>	Tait Galloway, Senior Planner	Contact Person and title Mr. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Mrs. <input type="checkbox"/>	
Mailing Address	202 C Street, MS 5A	Mailing Address	
City	San Diego	City	
Zip Code	92101	Zip Code	
E-mail Address*	tgalloway@sandiego.gov	E-mail Address*	
Telephone Number	(619) 533-4550	Telephone Number	

FUNDING INFORMATION
Use Match Calculator to complete this section
[Click here to use the Match Calculator.](#)

Grant Funds Requested	\$	250,000	
Local Match - Cash	\$	20,000	
Local Match - In-Kind	\$	5,000	
Total Project Cost	\$	275,000	
Source of Local Match and Name of Provider(s)	City of San Diego Redevelopment Agency - North Bay Redevelopment Project Area		

* The e-mail address you provide will be used for notification of application status, so it must be accurate. Any change to the e-mail address must be reported to the appropriate grant program contact located on the website noted below.

Use the latest version of Adobe Acrobat Reader® to complete this application. The electronic version of this form must be submitted in the PDF format available at <http://www.dot.ca.gov/hq/tpp/grants.html>.

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REGIONAL BLUEPRINT AND SUSTAINABLE COMMUNITIES GOALS
For all Grant Programs

- Complements or advances the Region's Blueprint Planning efforts. Click here for information.
- Advances a community's efforts to reduce greenhouse gases and will assist transportation agencies in creating enduring communities.

FEDERAL TRANSPORTATION PLANNING GOALS
For Partnership Planning and Transit Planning

- Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency.
- Increase the safety of the transportation system for motorized and non-motorized users.
- Increase the security of the transportation system for motorized and non-motorized users.
- Increase accessibility and mobility of people and freight.
- Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns.
- Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight.
- Promote efficient system management and operation.
- Emphasize the preservation of the existing transportation system.

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LEGISLATORS IN PROJECT AREA*			
State Senator(s)		Assembly Member(s)	
Name(s)	District	Name(s)	District
Christine Kehoe	39	Toni Atkins	76

*For assistance with determining the legislators for the project area visit:
<http://www.legislature.ca.gov/port-zipsearch.html> (search by zip code)
<http://192.234.213.69/lmapsearch/framepage.asp> (search by address)

Grant applications must clearly demonstrate how the proposed transportation planning project promotes federal and/or state transportation planning goals.

1. Select the goals that apply and address the selections when completing the application.

**STATE TRANSPORTATION PLANNING GOALS
For all Grant Programs**

- Improve Mobility and Accessibility:** Expand the system and enhance modal choices and connectivity to meet the State's future transportation demands.
- Preserve the Transportation System:** Maintain, manage, and efficiently utilize California's existing transportation system.
- Support the Economy:** Maintain, manage, and enhance the movement of goods and people to spur the economic development and growth, job creation, and trade.
- Enhance Public Safety and Security:** Ensure the safety and security of people, goods, services, and information in all modes of transportation.
- Reflect Community Values:** Find transportation solutions that balance and integrate community values with transportation safety and performance, and encourage public involvement in transportation decisions.
- Enhance the Environment:** Plan and provide transportation services while protecting our environment, wildlife, historical and cultural assets.

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2. Project Description (Do not exceed the space provided.) (20 points)

- A. Briefly summarize project. (10 points)
- B. Briefly describe the project area (e.g. urban/rural/suburban setting, geographic characteristics, location, etc.). (10 points)

By engaging the community, the planning study will be used to guide future land use policy changes to support transit-oriented development adjacent to the two programmed and existing light rail transit stations and mobility improvements to increase bicycle and pedestrian access to the stations in the project area.

The proposed project study area is in the older suburban communities of Linda Vista and Clairemont within the City of San Diego. The study area is primarily within the North Bay Redevelopment Area and is parallel with the existing heavy rail corridor and Interstate 5. The Linda Vista section of the study area consists of light industrial, wholesale, retail, office, multifamily and single family uses. The existing Green Line LRT Morena station is located in the southern portion of the study area. The study area is also adjacent to the University of San Diego. Refer to existing land use map with the study area boundary. The Clairemont section of the study area consists of retail, office, multifamily and single family uses. It is also adjacent to the Mission Bay regional park. The San Diego Association of Governments (SANDAG) has identified the study area on the regional smart growth map.

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3. Project Justification (Do not exceed the space provided.) (20 points)

- A. List and describe the problems and/or deficiencies the project is attempting to address. (10 points)
B. Describe how the project will address the identified problems and/or deficiencies. (10 points)

A. SANDAG is in the process of securing Federal funding for the Mid-Coast Corridor Light Rail Transit (LRT) Project. The Mid-Coast Corridor Project will extend LRT service from the Old Town Transit Center to the University City community serving major activity centers such as the University of California, San Diego and Downtown San Diego. The Mid-Coast project has identified the two transit stations within the project study area. This is in addition to the existing Green Line LRT station which connects to San Diego State University and Old Town. The project study area is primarily comprised of both auto oriented industrial and commercial related uses and is in need of transformation and redevelopment. This corridor has an abundance of under-maintained, older structures as well as undeveloped parcels and surface parking lots that provide vast opportunities for transit oriented development (TOD). The existing land use and community land use plans do not effectively support TOD or pedestrian and bicycle activity.

B. The coming availability of the new LRT service could support and serve as a catalyst for new residential, retail, and office related TOD uses. The Study will engage staff, technical experts, and the community to produce a planning study that will provide:

- Information about how the proposed LRT stations will affect community mobility and land use demand;
- Economic information on the factors driving decisions about developing TOD projects in the study area, and on the available means to fund non-motorized mobility improvements;
- Information about existing environmental, economic, and land use conditions that could inhibit TOD in the study area to help inform the planning process;
- A conceptual transit-oriented urban design vision for the study area;
- A non-motorized mobility concept plan with a list of conceptual mobility improvement projects and generalized cost estimates to facilitate the creation of an inviting and safe pedestrian, bicycle, and transit environment.

This information and these tools will be used to make future policy changes and physical improvements in order to increase access to transit, achieve sustainable transit ridership for new and existing services, improve neighborhood walkability and bicycle routes, and support transit-oriented development that will provide high-quality housing, employment, and community spaces for residents of Clairemont and Linda Vista. The provision of transit oriented development within walking distance to the regional light rail system is consistent with the Regional Comprehensive Plan and supports the region's effort to reduce greenhouse gases.

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4. Public Participation (Do not exceed the space provided.) (20 points)

- A. Identify the project stakeholders (e.g. low-income and minority communities, Native American Tribal governments, other underrepresented groups, community-based organizations, and businesses affected by the project). **(10 points)**
- B. Describe the outreach methods that will be used to reach the public and the project stakeholders with an emphasis on engaging traditionally underrepresented communities. **(10 points)**

A. For 2010, SANDAG estimated that Linda Vista and Clairemont communities combined contained approximately 115,200 people with the following ethnicity: White 55%, Hispanic 22%, Asian & Pacific Islander 15%, Black 3%, and Other/Native American 4%. Approximately 61 percent of the combined population for Linda Vista and Clairemont earned less than \$60,000 in 2009.

The project stakeholders include the community planning groups for Clairemont and Linda Vista which comprise residents and business owners from the neighborhoods in each community, the North Bay Redevelopment Project Area Committee (PAC) which consists of residents and business owners in the redevelopment project area, the Morena Business Association which consists of business owners within and adjacent to the project study area, the University of San Diego, and the SANDAG Mid-Coast Citizens Advisory Committee.

B. The community outreach and participation component will be integral to the success of the planning study and will continue through the duration of the project. Community outreach will begin before the consultant selection and contracting process is completed to ensure that the project can begin in a timely manner upon approval of the consultant contract. City staff and the project consultant will work with the community planning groups that represent the study area, the PAC, the University of San Diego, Morena Business Association, and other community groups, residents, and property owners.

The core of the community participation process will consist of three workshops designed to facilitate community involvement on specific study topics. A project kick-off/introductory community workshop will be held soon after consultant selection to mark the start of the planning study and inform the community about community participation opportunities and to obtain information from the community concerning the strengths, weaknesses, and opportunities within the study area and their vision for the study area. A walking audit will be held to focus attention on pedestrian and bicycle improvements needed to improve connections to transit. A multi-modal mobility questionnaire will be used to engage the community with in-person and at community events and project meetings and on-line to gather ideas, concerns, and thoughts regarding mobility issues and the potential development around the LRT stations to help inform the process.

City staff will provide two updates to the full membership of each the two community planning groups and an update to the PAC at their regularly scheduled meetings. City staff will coordinate on a regular basis with the SANDAG staff to share information about related Mid-Coast LRT planning work happening concurrently in the study area. All of the meetings will be open to the public and will be announced through e-mail and mail notices to the study area community planning groups and other community groups, and through notices on the City's CityTV station.

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5. Project Implementation (Do not exceed the space provided.) (20 points)

- A. List the project's anticipated accomplishments and final deliverables. **(10 points)**
- B. Explain how the completed project and its deliverables will be applied, or carried forward, to the next stage/phase. **(10 points)**

A. Working with Redevelopment Agency and City staff and the project stakeholders, a professional consultant team would be contracted to provide the following deliverables:

1. Community Outreach & Participation: Provide three workshops; a walk audit, a multi-modal survey, presentation materials; coordination with Redevelopment Agency, City, SANDAG, Caltrans, and other government agency staff; updates to the community planning groups and redevelopment project area committee.
2. Economic Analysis: Analysis of existing market conditions within the study area, feasibility of land use concepts, projected tax increment based on the land use concepts, and financing for the identified mobility improvements.
3. Environmental Reconnaissance: Conduct a reconnaissance for environmental issues within the study area that could affect the planning for future land uses.
4. Land Use Concept: Develop a feasible multi-modal oriented land use concept for the study area to maximize TOD opportunities.
5. Urban Design Concept: Develop an urban design concept for the study area addressing streetscape, building massing, and transitions between lower density residential areas outside of the study area.
6. Multi-modal Mobility Analysis: Develop a multi-modal mobility analysis for study area that addresses mobility improvements to support the proposed land use concept.
7. Implementation Strategy: Implementation strategy for the urban design and land use recommendation (City staff to lead).
8. Draft and Final Report: Provide a draft and final study report for public review and comment.

B. Following the completion of the Study, the Clairemont and Linda Vista community plans would need to be amended, as part of a separate effort, to include the land use and urban design concepts for new development massing, transitions, and streetscapes. Further, the recommended zoning changes to implement the land use concept would also need to be adopted. The mobility improvements would be implemented by development projects, the City's capital improvement program, and future local and state grants. The environmental reconnaissance will provide information on whether there are environmental quality issues to assist in the implementation of the Study's recommendations.

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6. Project Management (20 points)

- A. **Scope of Work (10 points)** (Refer to the Transportation Planning Grant Guide for a sample Scope of Work.)

The Scope of Work must be in Microsoft Word format and include:

- What work is to be done: Provide an outline or general picture of services. List project tasks and identify any specific project deliverables. Also, list milestones for major tasks that mark the completion of a work package or phase.
- Who is responsible for what tasks: Discuss the roles and responsibilities of agency staff and consultant contractors.
- When the work is to be done: Provide schedule information for the services that will be required.

- B. **Project Schedule (10 points)** (Refer to the Transportation Planning Grant Guide for a sample Project Schedule.)

The Project Schedule must be in a Microsoft Excel format and include:

- Timing, responsibilities, cost, cost distribution, and deliverables of all tasks in the Scope of Work. For CBTP and EJ applications, all project schedules need to reflect a start date of February 2012.

The Scope of Work and Project Schedule must be submitted via e-mail along with the application as separate attachments.

SCOPE OF WORK: Morena Boulevard Station Area Study

INTRODUCTION:

The Morena Boulevard Station Area Planning Study will be used to guide future land use policy changes to support transit-oriented development adjacent to the two programmed light rail and existing transit stations and mobility improvements to increase bicycle and pedestrian access to the stations in the study area. Unless otherwise noted, the Project Consultant will perform Tasks 2 to 8 and 10.

OVERALL SCOPE PRODUCTS/OBJECTIVES

1. Project Contracting

Task 1.1 Finalize Scope of Work with Caltrans District 11 staff.

Task 1.2 Prepare Request for Proposal for Consultant Services

Task 1.3 Consultant Selection Process

Task 1.4 Project Kick-Off Meeting with Consultant Team and staff from the City, Caltrans, and SANDAG.

Task	Deliverable	Documentation
<i>1.1</i>	<i>Finalize Scope of Work</i>	<i>Scope of Work</i>
<i>1.2</i>	<i>Prepare Request for Proposal</i>	<i>Request for Proposal</i>
<i>1.3</i>	<i>Consultant Selection Process</i>	<i>Consultant Contract</i>
<i>1.4</i>	<i>Kick-Off Meeting</i>	<i>Meeting Notes</i>

2. Project Administration & Management

Task 2.1 Communications: Maintain communications between the City's project manager and consultant project manager and within the consultant team to ensure that directions are understood and issues are addressed quickly. The Project Consultant will organize and conduct bi-monthly coordination meetings with City staff. If requested, the consultant's project manager will provide oral updates on a monthly basis to ensure steady progress and preparation for key upcoming deliverables and events

Task 2.2 Schedule & Management: Maintain the established project schedule and closely monitor the project budget. Monthly progress reports, submitted with the invoices, will include previous month's activities, next month's activities, schedule assessment, identification of issues and proposed solutions, and a concise summary of prime and sub-consultant charges to the project. Ensure technical work is progressing according to the agreed upon scope of work.

Task 2.3 Invoices: City staff will submit monthly/quarterly invoices to Caltrans.

Task	Deliverable	Documentation
2.1	<i>Bi-Monthly Coordination Meetings</i>	<i>Meeting Notes</i>
2.2	<i>Project Schedule & Management</i>	<i>Project Schedule Progress Reports</i>
2.3	<i>Quarterly Invoices & Reports</i>	<i>Invoices/Reports</i>

3. Community Outreach & Participation

Task 3.1 Outreach & Participation Plan: Prepare the framework for a communications plan for building stakeholder consensus as well as consulting with the general public.

Task 3.2 Community Workshops: Conduct three (3) community outreach workshops/open houses to address: Issues/ideas (vision); Concepts (land use/mobility scenarios); and Solutions (preferred land use/mobility scenario).

Task 3.3 CPG Updates: City staff will provide three (3) updates to the full membership of each of the two community planning groups (CPG) at their regularly scheduled meetings.

Task 3.4 Multi-Modal Mobility Questionnaire: Engage the community with in-person and at community events and project meetings and on-line to gather ideas, concerns, and thoughts regarding mobility issues and the potential development around the LRT stations to help inform the process.

Task 3.5 Walk Audit: Conduct one in-person and virtual walk audit to assess the issues and opportunities and constraints of key corridors in the study area. The net result of this exercise will be the production of Opportunities and Constraints maps to be developed in Task 5, Urban Design Visioning & Strategy.

Task	Deliverable	Documentation
3.1	<i>Outreach & Participation Plan</i>	<i>Outreach & Participation Plan; Website; Project Summary Sheets</i>
3.2	<i>Community Outreach Workshops</i>	<i>3 Workshops; Notices; Summaries; Presentation Materials; Photos</i>
3.3	<i>CPGs Updates (City Staff)</i>	<i>6 Updates; Presentations Materials</i>
3.4	<i>Multi-Modal Mobility Questionnaire</i>	<i>Questionnaire; Result Summary</i>
3.5	<i>Walk Audit</i>	<i>1 Walk Audit; Audit Route Maps; Walk Audit Summaries</i>

4. Existing Conditions & Base Maps/Report

Task 4.1 Environmental Reconnaissance: Conduct an environmental reconnaissance to document existing conditions related to community/land use issues, air quality, ambient noise levels (at up to five key sensitive receptor areas), and presence of documented/known hazardous materials in the study area based on a web review of existing data sources. Identify the environmental conditions on a GIS based map for the study area. The environmental section of the Existing Conditions Report will document community

concerns related to potential compatibility issues and community cohesion. Based on preliminary evaluation, other relevant environmental factors will be identified that will help inform the planning process and could be considered in future CEQA documents (e.g., historical resources, visual resources, circulation, etc). The evaluation will consist of the following tasks:

Task 4.2 Land Use Assessment: City staff will prepare an existing land use analysis with an inventory by parcel and provide the square footage by specific use type for non-residential uses (per the City’s Trip Generation Manual) and number of units for residential uses that will be aggregated by traffic analysis zones (TAZs). For the current plan (no project) a realistic determination of the maximum intensity by use type that would be allowed and expected based on the current community plans, zoning, development regulations, and market is required consistent with the inputs needed for traffic modeling. Identify existing land use, community plan land use, and zoning on a GIS based map for the study area.

Task 4.3 Market Assessment: Prepare a market overview report that evaluates potential market support in the study area for TOD uses, including multi-family for-sale and rental residential, office, retail, as well as mixed-use developments combining these uses. The assessment should address household and employment trends, current real estate market trends for the identified uses, including sale prices and rental rates, absorption and occupancy rates, and identification of comparable properties.

Task 4.4 Mobility Assessment: Meet with City staff to determine the scope of the mobility study area. Compile, collect, and analyze existing conditions data and multi-modal level/quality of service for all modes of travel in the mobility study area related to pedestrian and bicycle facilities, transit (ridership, routes, and stops), motorized vehicles (traffic data), and roadway (widths, lanes, and intersections) to identify opportunities and constraints with respect to pedestrian, bicycle, and motorized vehicles. Identify the mobility conditions on a GIS based map for the study area.

Task	Deliverable	Documentation
4.1	<i>Environmental Reconnaissance</i>	<i>Draft Technical Memos for Review of each Analysis; Existing Conditions Report and Base Maps</i>
4.2	<i>Land Use Assessment (City Staff)</i>	
4.3	<i>Market Assessment</i>	
4.4	<i>Mobility Assessment</i>	

5. Urban Design Visioning & Strategy

Task 5.1 Opportunities & Constraints Mapping: Create a graphic representation of the study areas strengths, weaknesses, and opportunities. The mapping should identify land use and mobility issues that negatively affect the study area and those that the community can use to build upon. Include site context photographs for subsequent reference.

Task 5.2 Urban Design Vision: Work with City staff and the community as part of the outreach process to develop urban design vision concepts and policies that identify big ideas and key public realm improvements to enhance the local sense of place and create

an attractive, vibrant and sustainable environment for all residents. This section will include general guidelines to ensure that the public framework of the station area— streets and sidewalks, parks and plazas, transit facilities and so forth – are consistent with best practices elsewhere and supportive of the vision for the station area. The urban design vision should also conceptually illustrate how the station area would transition to the existing adjacent areas. As part of this effort, a digital model should conceptually illustrate potential building massing.

Task	Deliverable	Documentation
5.1	<i>Opportunities & Constraints Mapping</i>	<i>Opportunities & Constraints Mapping</i>
5.2	<i>Urban Design Vision</i>	<i>Urban Design Visioning Report & Graphics</i>

6. Future Land Use Analysis

Task 6.1 Land Use Scenarios: Develop up to two (2) alternative land use scenarios as GIS based maps. These scenarios will be comprehensive in nature, identifying alternative approaches for the following: Land use types, designations, residential density, and non-residential intensity. Urban Design Vision from Task 5 should be incorporated into the alternatives. For each alternative, identify the future land use and provide the square footage by specific use type for non-residential uses (per the City’s Trip Generation Manual) and number of units for residential uses by parcel that will be aggregated by traffic analysis zones (TAZs) for traffic modeling.

Task 6.2 Multi-Modal Land Use Scenarios Evaluation: Develop a series of land use assessment criteria matrices to assist City staff, the project working group and the community in the evaluation the scenarios. Evaluate each of the competing land use scenarios for its merits with respect to its ability to meet the spirit of the vision and its subsequent implementation.

Task 6.3 Preferred Land Use: Based on the evaluation, community, and staff input, select and refine the Preferred Land Use Scenario which may include a third, hybrid scenario that will include preferred attributes of the two previous, competing scenarios. The preferred land use scenario will be prepared as an illustrative site plan. Key items of the plan will include, but not be limited to, streetscape and roadway design, bus transit transfers, park and ride, kiss and ride facilities, sidewalk design, building height, density and massing, mixed-use development density, parking location and design, pedestrian and bicycle connections, urban plazas and green spaces. Documents will be developed with design guidelines in text; conceptual plan, elevation, cross-section and digital illustration; and precedent photographs to illustrate the recommended design guidelines.

Task	Deliverable	Documentation
6.1	<i>Land Use Scenarios</i>	<i>Two (2) Land Use Scenarios; GIS Maps; Future Land Use Data</i>
6.2	<i>Multi-Modal Land Use Scenarios Evaluation</i>	<i>Evaluation Matrix; Evaluation Report</i>
6.3	<i>Preferred Land Use</i>	<i>Preferred Land Use Scenario; Guidelines; GIS maps; Future Land Use Data; Elevation, Cross-Section; Digital Illustration; Photographs</i>

7. Economic Feasibility Analysis

Task 7.1 Market Analysis and Financial Feasibility: Conduct a financial feasibility analysis for up to two land use scenarios encompassing alternative prototype development projects. The prototypes will reflect a range of development densities and product types, including residential, retail, office, and mixed-use development. The prototypes will be tailored to specific opportunity sites from previous tasks that are determined to represent the optimum combination of availability as well as potential to catalyze private development interest.

Task 7.2 Fiscal Impact Analysis: Conduct a fiscal impact analysis to determine the net fiscal impacts to the City’s General Fund for up to two land use scenarios. A fiscal impact model will be prepared to measure the recurring annual impacts of each scenario through the project absorption period to project build out.

Task	Deliverable	Documentation
7.1	<i>Market Analysis and Financial Feasibility</i>	<i>Draft Technical Memos; Economic Feasibility Analysis Report</i>
7.2	<i>Fiscal Impact Analysis</i>	

8. Multi-Modal Mobility Study

Task 8.1 Future Multi-Modal Conditions Analysis: Develop the forecast future travel demand and traffic volumes for the Study Area for the current plan and up to two land use alternatives utilizing the SANDAG regional forecast model. Analyze the future forecast traffic volumes and conditions for the Study Area for intersection turning movements and ADT segment volumes. The future conditions analysis will also include pedestrian, bicycle, and transit analysis for both a quantifiable LOS and qualitative quality of service.

Task 8.2 Multi-Modal Mobility Recommendations & Concept Plan: Develop multi-modal mobility recommendations with respect to the land use alternatives developed in the study to provide for the integration of all modes within the station area. Evaluate recommendations that include, but are not limited to: enhancing the pedestrian, bicycle and transit rider environment; considering feasible “Green Street Concepts,” traffic

calming measures, and pedestrian and transit passenger amenities; and focusing on connectivity.

Task 8.3 Mobility Improvement Project List: Identify the necessary mobility improvement projects and provide concept illustrations and generalized cost estimates. Concept illustrations should include both plan views and elevations to better understand their design and their fit in the community.

Task	Deliverable	Documentation
8.1	<i>Future Multi-Modal Conditions Analysis</i>	<i>Draft Technical Memos for Incremental Review of Travel Forecasts and Mobility Analyses; Multi-Modal Conditions Analysis Report</i>
8.2	<i>Multi-Modal Mobility Recommendations & Concept Plan</i>	<i>Multi-Modal Mobility Recommendations & Concept Plan</i>
8.3	<i>Mobility Improvement Project List</i>	<i>Mobility Improvement Project List; Project Concept Illustrations</i>

9. Implementation Strategy

9.1 Land Use & Design Implementation Strategy: City Staff will prepare the needed community plan amendments and zoning packages and maps to implement the proposed land use and urban design concept.

Task	Deliverable	Documentation
9.1	<i>Land Use & Design Implementation Strategy (City Staff)</i>	<i>Draft Zoning Maps; Draft Community Plan Amendments</i>

10. Draft & Final Study Report

10.1 Draft Planning Study: Provide a draft study report at the end of the work program which will contain all mappings, diagrams and text descriptions of that specific task from the standpoint of purpose, methodology and deliverable. The draft report will contain, in addition, an opening chapter that sets the context in which the study was carried out, and a concluding chapter that summarizes report recommendations and suggested next steps. The draft report will be circulated to City staff and the project stakeholders working group in anticipation of feedback in the form of suggested edits and a request of clarification of items deemed unresolved.

10.2 Final Planning Study: Upon receipt of City staff review of the draft planning study report, the planning consultant will conduct an effort in refinement and re-editing, issuing the final planning study report. It will contain an executive summary at the front end of the document with a standalone summary of the highlights of the planning exercise for possible distribution to a wider public audience. Following City review and comment, the

Plan will be revised and published in a manner suitable for public review and comment and for presentation to the community.

Task	Deliverable	Documentation
10.1	<i>Draft Planning Study</i>	<i>Five (5) printed copies of the Draft Study Report</i>
10.2	<i>Final Planning Study</i>	<i>Five (5) printed copies and Ten (10) CDs, in color, of the Final Station Area Planning Study, including an Executive Summary that can be used as a stand-alone document; GIS mapping data</i>

**California Department of Transportation
Transportation Planning Grants
Fiscal Year 2011-2012**

SAMPLE PROJECT TIMELINE

Project Title		Morena Boulevard Station Area Study					Grantee	City of San Diego												Deliverable						
Task Number		Fund Source		Fiscal Year 2011/12			FY 2012/13				FY 2013/14															
		Responsible Party	Total Cost	Grant	Local Cash	In-Kind	J	A	S	O	N	D	J	F	M	A	M	J	J		A	S	O	N	D	J
1.0	Project Contracting																									
1.1	Finalize Scope of Work	City	\$200	\$100	\$50	\$50																				Scope of Work
1.2	Prepare Request for Proposal	City	\$200	\$100	\$50	\$50																				Request for Proposal
1.3	Consultant Selection Process	City	\$200	\$100	\$50	\$50																				Consultant Contract
1.4	Kick-Off Meeting	City	\$200	\$100	\$50	\$50																				Meeting Notes
2.0	Project Administration & Management																									
2.1	Bi Monthly Coordination Meetings	Consultant	\$7,050	\$6,000	\$850	\$200																				Meeting Notes
2.2	Project Schedule & Management	Consultant	\$12,050	\$11,000	\$850	\$200																				Project Schedule
2.3	Quarterly Invoices & Reports to Caltrans	City	\$1,150	\$750	\$200	\$200																				Progress Reports; Invoices
3.0	Community Outreach & Participation																									
3.1	Outreach & Participation Plan	Consultant	\$3,050	\$2,000	\$850	\$200																				Outreach & Participation Plan
3.2	Community Outreach Workshops	Consultant	\$9,050	\$8,000	\$850	\$200																				3 Workshops; Notices; Summaries; Materials
3.3	Community Planning Group Updates	City	\$250	\$100	\$50	\$100																				5 Updates; Presentations Materials
3.4	Multi-Modal Mobility Survey	Consultant	\$4,050	\$3,000	\$850	\$200																				Questionnaire; Result Summary
3.5	Walk Audit	Consultant	\$4,050	\$3,000	\$850	\$200																				1 Walk Audit; Maps; Summaries
4.0	Existing Conditions & Base Maps/Report																									
4.1	Environmental Reconnaissance	Consultant	\$15,750	\$14,650	\$900	\$200																				Technical Memo; Report; Maps
4.2	Land Use Assessment	City	\$250	\$100	\$50	\$100																				Technical Memo; Report; Maps
4.3	Market Assessment	Consultant	\$14,150	\$13,050	\$900	\$200																				Technical Memo; Report; Maps
4.4	Mobility Assessment	Consultant	\$12,950	\$11,850	\$900	\$200																				Technical Memo; Report; Maps
5.0	Urban Design Visioning & Strategy																									
5.1	Opportunities & Constraints Mapping	Consultant	\$10,100	\$9,000	\$900	\$200																				Opportunities & Constraints Mapping
5.2	Urban Design Vision	Consultant	\$30,400	\$29,300	\$900	\$200																				Urban Design Visioning Report & Graphics
6.0	Future Land Use Analysis																									
6.1	Land Use Scenarios	Consultant	\$20,650	\$19,550	\$900	\$200																				2 Land Use Scenarios; Maps; GIS Data
6.2	Multi-Modal Land Use Scenarios Evaluation	Consultant	\$10,950	\$9,850	\$900	\$200																				Evaluation Matrix; Evaluation Report
6.3	Preferred Land Use	Consultant	\$12,550	\$11,450	\$900	\$200																				Preferred Land Use; Maps; GIS Data; Illustrations
7.0	Economic Feasibility Analysis																									
7.1	Market Analysis and Financial Feasibility	Consultant	\$15,150	\$14,050	\$900	\$200																				Draft Technical Memo; Report
7.2	Fiscal Impact Analyses	Consultant	\$5,150	\$4,050	\$900	\$200																				Draft Technical Memo; Report
8.0	Multi-Modal Mobility Study																									
8.1	Future Multi-Modal Conditions Analysis	Consultant	\$21,350	\$20,250	\$900	\$200																				Draft Technical Memo; Analysis Report
8.2	Multi-Modal Mobility Recommendations & Concept Pl	Consultant	\$11,950	\$10,850	\$900	\$200																				Mobility Recommendations; Concept Plan
8.3	Mobility Improvement Project List	Consultant	\$16,800	\$15,700	\$900	\$200																				Project List; Project Concept Illustrations
9.0	Implementation Strategy																									
9.1	Land Use & Design Implementation Strategy	City	\$20,400	\$19,300	\$900	\$200																				Draft Comm. Plan Amendment; Draft Zoning Maps
10.0	Draft & Final Study Report																									
10.1	Draft Planning Study	Consultant	\$9,600	\$8,500	\$900	\$200																				Draft Study Report
10.2	Final Planning Study	Consultant	\$5,350	\$4,250	\$900	\$200																				Final Study Report
TOTALS			\$275,000	\$250,000	\$20,000	\$5,000																				