

STATE ROUTE 138 AVENUE "T" TO ROUTE 18, VARIOUS LOCATIONS WIDENINGS

DESCRIPTION OF CORRIDOR

State Route 138 is designated as an interregional corridor and is regarded as an initial component of the High Desert Corridor. This corridor is the connection which links Los Angeles County, in the vicinity of the Cities of Palmdale and Lancaster to San Bernardino County in the vicinity of the City of Victorville, Apple Valley and Adelanto. A High Desert Corridor Joint Powers Authority between Los Angeles and San Bernardino Counties was formed in November 2006 to pursue funding and expedite the planning, design, construction, financing, operation and maintenance of this corridor.

Economic and population growth in the Antelope Valley has rapidly accelerated in the past decade. The Southern California Association of Governments (SCAG) predicts high growth rates (approximately 5% per year) for the Palmdale area including growth in the aerospace industry. There has been extensive growth in population, housing and employment. SCAG has designated this corridor as part of its 2% smart growth strategy.

State Route 138 carries heavy vehicle traffic including a significant percentage of trucks. This route is being used as a by-pass for recreation vehicles and heavy trucks coming from the north and going to Las Vegas, Barstow, Victorville, San Bernardino County and Riverside County to avoid the congestion of the Los Angeles metropolitan area.

PROJECT DESCRIPTION

State Route 138, from Avenue T in the City of Palmdale to junction with Route 18 in Llano currently consists of one lane of travel in each direction as well as a median lane and standard width shoulders. The proposed project will increase the lanes from two to four in each direction.

State Route 138 has been divided into two projects: (1) Ave. T to Route 18 (18 miles, ea 127281) and (2) near Llano from 175 St. East to Largo Vista Rd. (3.3 miles, ea #127271). There are seven segments programmed in Phase I. The first project in Phase I has completed construction, with the last project in Phase I scheduled to be completed in spring 2011.

PROJECT COST

CMIA Request: \$111,000,000

Non-CMIA Funding: \$ 27,000,000

Total Cost: \$138,000,000

PROJECT BENEFITS

The proposed project is intended to achieve the following goals:

- Improve safety; and
- Facilitate the efficient flow of goods and services through this area.

The project benefits for this interregional project also include:

Benefits Summary	
B/C Ratio	1.0
Vehicle Hours of Delay Saved:	46,500
Delay Savings:	\$200,000
Current ADT:	16,200
ADT Forecast w/o Project:	29,000
ADT Forecast w/ Project:	41,000
Safety Benefit:	\$4.3 million

Safety and Capacity Increases

The existing SR-138 has experienced several serious accidents and is above the statewide rate in fatalities. In the last three years, this route has experienced 13 deaths and 87 injuries. Therefore, “safety” is the strongest goal for this project.

Mobility

The widening of this corridor will not only improve safety but increase capacity. The forecasted ADT with the project will increase over 140% compared to the forecasted ADT without the project.

Connectivity

This corridor is the connection which links Los Angeles County, in the vicinity of the Cities of Palmdale and Lancaster to San Bernardino County in the vicinity of the City of Victorville, Apple Valley and Adelanto.

Multi-modal Corridor Improvements Investments

State Route 138 links Los Angeles County cities of Palmdale and Lancaster with San Bernardino County cities of Victorville, Apple Valley and Adelanto.

Mitigating the Project Risks

The final environmental document was approved in March 2001.

Economic Development

Construction of the SR-138 project will bring substantial economic benefits to Los Angeles County and the state. The reduction in congestion-related costs it will facilitate will make the region more competitive relative to the rest of the country and the world. Economic projections made using the REMI model¹ indicate this project will provide the following regional benefits in the year 2030:

- The creation of an additional 1,400 jobs;
- An increase of \$290 million (2007 dollars) in Gross Regional Product;
- An increase of \$130 million (2007 dollars) in real, disposable personal income;
- A \$52 million (2007 dollars) boost in regional exports.

¹ Regional Economic Models, Inc., based in Amherst, Mass., constructs models that reveal the economic and demographic effects that policy initiatives may cause on a local economy. Metro licenses a single region 70-sector model covering Los Angeles County packaged in a program called Policy Insight. REMI TranSight is the front-end interface Metro uses to access the model, as it is geared for inputs related to transportation projects.

Corridor Management Approach

Caltrans and Metro are in the process of developing a corridor management plan (CMP) on all corridors for which improvements are submitted for funding from the Corridor Mobility Improvement Account Program (CMIA) to ensure a coordinated, multi-modal, congestion management approach.

Caltrans District 7 is committed to prepare CMPs using a multi-disciplinary and multi-function approach, including but not limited to, representatives from district traffic operations, planning, and maintenance. Participation of other functions such as design, program-project management, and environmental is recommended based on the corridor. Regional agencies, congestion management agencies and modal operators will be involved through all stages of plan development. This effort will be coordinated with Metro's ITS program (see CMP description and ITS project description for more details).

CORRIDOR MOBILITY IMPROVEMENT ACCOUNT PROGRAM BENEFIT/COST ANALYSIS: PROJECT INPUT SHEET

Region/District: County:

Route: EA:

Describe Project:

Post mile: PPNO:

PROJECT DATA

Type of Project		Enter "X"
Hwy Capacity Expansion	<input type="text" value="2"/>	
Operational Improvement	<input type="text"/>	
Transp MGMT System (TMS)	<input type="text"/>	
Other (describe: _____)	<input type="text"/>	
Project Location		
(1 = So. Cal., 2 = No. Cal., or 3 = rural)	<input type="text" value="1"/>	
Length of Construction Period		
	<input type="text" value="4"/>	years
Duration of Peak Period (AM+PM)		
	<input type="text" value="5"/>	hours

HIGHWAY ACCIDENT DATA

Actual 3-Year Accident Data for Facility		
		Count (No.)
Fatal Accidents	<input type="text" value="4"/>	
Injury Accidents	<input type="text" value="60"/>	
Property Damage Only (PDO) Accidents	<input type="text" value="80"/>	
Statewide Average for Highway Classification		
	w/o Project	w/ Project
Accident Rate (per mil. veh-miles)	<input type="text" value="0.97"/>	<input type="text" value="0.90"/>
% Fatal Accidents	<input type="text" value="3.40%"/>	<input type="text" value="2.60%"/>
% Injury Accidents	<input type="text" value="47.0%"/>	<input type="text" value="42.6%"/>

HIGHWAY DESIGN AND TRAFFIC DATA

Highway Design			
	w/o Project	w/ Project	HOV Restriction
Number of General Traffic Lanes	<input type="text" value="2"/>	<input type="text" value="4"/>	
Number of HOV Lanes	<input type="text"/>	<input type="text"/>	
Highway Free-Flow Speed (in mph)	<input type="text" value="55"/>	<input type="text" value="55"/>	(2 or 3)
Project Length (in miles)	<input type="text" value="18"/>	<input type="text" value="18"/>	

Average Daily Traffic		
	w/o Project	w/ Project
Current	<input type="text" value="16,200"/>	<input type="text"/>
Forecast (20 years after construction)	<input type="text" value="29,000"/>	<input type="text" value="41,000"/>
Average Hourly HOV Traffic (if HOV lanes)		
	<input type="text"/>	<input type="text"/>
Percent Trucks (include RVs, if applicable)	<input type="text" value="10%"/>	<input type="text" value="10"/>
Truck Speed (if passing lane project)	<input type="text"/>	<input type="text"/>

TOTAL PROJECT COSTS (in escalated dollars)

From Project Nomination Fact Sheet:

Fiscal Year:	
Prior	<input type="text" value="\$ 6,852,000"/>
2007-2008	<input type="text" value="\$"/>
2008-2009	<input type="text" value="\$ 26,736,000"/>
2009-2010	<input type="text" value="\$"/>
2010-2011	<input type="text" value="\$"/>
2011-2012	<input type="text" value="\$"/>
2012-2013	<input type="text" value="\$"/>

COMMENTS: _____

Prepared by: Phone No: E-Mail:

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CORRIDOR MANAGEMENT IMPROVEMENT ACCOUNT**State Route 138 Avenue "T" to Route 18, 175th St East to Vista Largo (EA# 127271)****Project Nomination Fact Sheet**

Nominating Agency: MTA/Caltrans		Fact Sheet Date: 01/09/07	
Contact Person	Brian Lin/Steve Novotny		
Phone Number	(213) 922-3036 / (213)897-4289	Fax Number	(213) 922-6358/ (213) 897-0648
Email Address	LINB@metro.net \ steve_novotny@dot.ca.gov		

Project Information:							
County	Caltrans District	PPNO *	EA *	Region/MPO/ TIP ID*	Route / Corridor *	Post Mile Back *	Post Mile Ahead *
LOS ANGELES	7	694Q	127271	12720	138	64	67.3
* NOTE: PPNO & EA assigned by Caltrans. Region/MPO/TIP ID assigned by RTPA/MPO. Route/Corridor & Post Mile Back/Ahead used for State Highway System							
Legislative Districts	Senate: 17			Congressional: 25			
	Assembly: 36						
Implementing Agency (by component)	PA&ED: CALTRANS			PS&E: CALTRANS			
	R/W: CALTRANS			CON: CALTRANS			
Project Title	State Route 138 Avenue "T" to Route 18, 175th St East to Vista Largo (EA# 127271)						
Location - Project Limits - Description and Scope of Work (Provide a project location map on a separate sheet and attach to this form)							
Near Llano, from 175th Street East to Largo Vista Road; widen from 2 to 4 lanes with median turn lane and standard shoulder							
Description of Major Project Benefits							
Route 138, from Avenue T in the City of Palmdale to junction with Route 18 in Llano, has been designated as a Corridor. This Corridor has been divided into several Segments, each of which is a separate project. Although all projects are programmed, not all Segments (projects) are fully funded for Construction. There are 7 Segments (projects) which are programmed in "Phase I". The first project is completed in construction, with the last project in Phase I scheduled to be completed in Spring 2011. The existing facility consists of one lane of travel in each direction. The new facility will provide for two lanes of travel in each direction as well as a median lane and standard width shoulders which will improve safety and capacity.							
Expected Source(s) of Additional Funding Necessary to Complete Project - as Identified Under 'Additional Need'							
Additional funding expected from Prop 1B under CMIA Category. Pending on the funding availability, may apply with combination of IIP fund under Prop 1B STIP Augmentation.							
Project Delivery Milestones (month/year):							
Project Study Report (PSR) complete	Oct/1991						
Notice of Preparation	Document Type:	EIR/EIS	Oct/1991				
Begin Circulation of Draft Environmental Document	Nov/2000						
Final Approval of Environmental Document	Mar/2001						
Completion of plans, specifications, and estimates	Dec/2008						
Right-of-way certification	Mar/2009						
Ready for advertisement	Jun/2009						
Construction contract award	Oct/2009						
Construction contract acceptance	Mar/2011						

NOTE: The CTC Corridor Mobility Improvement Account (CMIA) Program Guidelines should have been read and understood prior to preparation of the CMIA Fact Sheet. A copy of the CTC CMIA Guidelines and a template of the Project Fact Sheet are available at: <http://www.dot.ca.gov/hq/transprog/> and at: <http://www.catc.ca.gov/>

CORRIDOR MANAGEMENT IMPROVEMENT ACCOUNT
Project Nomination Fact Sheet - Project Cost and Funding Plan
 (dollars in thousands and escalated)

Shaded fields are automatically calculated. Please do not fill these fields.

Date: 9-Jan-07

County	CT District	PPNO *	EA*	Region/MPO/TIP ID *
LOS ANGELES	7	694Q	127271	12720
Project Title: State Route 138 Avenue "T" to Route 18, 175th St East to Vista Largo (EA# 127271)				

* NOTE: PPNO and EA assigned by Caltrans. Region/MPO/TIP ID assigned by RTP/AMPO

Proposed Total Project Cost								Project Total
Component	Prior	07/08	08/09	09/10	10/11	11/12	12/13	
E&P (PA&ED)	960							960
PS&E	2,895							2,895
R/W SUP (CT) *	391							391
CON SUP (CT) *	0		1,236					1,236
R/W	2,606		500					3,106
CON	0		25,000					25,000
TOTAL	6,852	0	26,736	0	0	0	0	33,588

Corridor Management Improvement Account (CMIA) Program

Component	Prior	07/08	08/09	09/10	10/11	11/12	12/13	Total
E&P (PA&ED)								0
PS&E								0
R/W SUP (CT) *								0
CON SUP (CT) *								0
R/W			500					500
CON			15,318					15,318
TOTAL	0	0	15,818	0	0	0	0	15,818

* NOTE: R/W SUP and CON SUP to be used only for projects implemented by Caltrans

Existing RTIP Funds (RTIP Program Code: ** 20.XX.075.600)

Component	Prior	07/08	08/09	09/10	10/11	11/12	12/13	Total
E&P (PA&ED)								0
PS&E								0
R/W SUP (CT) *								0
CON SUP (CT) *			618					618
R/W								0
CON			7,004					7,004
TOTAL	0	0	7,622	0	0	0	0	7,622

Proposed RTIP Funds (RTIP Program Code: ** 20.XX.075.600)

Component	Prior	07/08	08/09	09/10	10/11	11/12	12/13	Total
E&P (PA&ED)								0
PS&E								0
R/W SUP (CT) *								0
CON SUP (CT) *			618					618
R/W								0
CON								0
TOTAL	0	0	618	0	0	0	0	618

Existing ITIP Funds (ITIP Program Code: ** 20.XX.025.700)

Component	Prior	07/08	08/09	09/10	10/11	11/12	12/13	Total
E&P (PA&ED)	960							960
PS&E	2,895							2,895
R/W SUP (CT) *	391							391
CON SUP (CT) *	0		618					618
R/W	2,606		0					2,606
CON	0		9,682					9,682
TOTAL	6,852	0	10,300	0	0	0	0	17,152

Proposed ITIP Funds (Program Code ** 20.XX.025.700)

Component	Prior	07/08	08/09	09/10	10/11	11/12	12/13	Total
E&P (PA&ED)	960							960

CORRIDOR MANAGEMENT IMPROVEMENT ACCOUNT
Project Nomination Fact Sheet - Project Cost and Funding Plan
 (dollars in thousands and escalated)

Shaded fields are automatically calculated. Please do not fill these fields.

				Date:	9-Jan-07
County	CT District	PPNO *	EA*		
LOS ANGELES	7	694Q	127271		
Project Title:				Region/MPO/TIP ID *	
State Route 138 Avenue "T" to Route 18, 175th St East to Vista Largo (EA# 127271)				12720	

* NOTE: PPNO and EA assigned by Caltrans. Region/MPO/TIP ID assigned by RTPA/MPO

PS&E	2,895								2,895
R/W SUP (CT) *	391								391
CON SUP (CT) *	0		618						618
R/W	2,606		0						2,606
CON	0		9,682						9,682
TOTAL	6,852	0	10,300	0	0	0	0	0	17,152

Additional Funding Needs (funding needs not yet committed)								
Component	Prior	07/08	08/09	09/10	10/11	11/12	12/13+	Total
E&P (PA&ED)								0
PS&E								0
R/W SUP (CT) *								0
CON SUP (CT) *								0
R/W								0
CON								0
TOTAL	0	0	0	0	0	0	0	0

Shaded fields are automatically calculated. Please do not fill these fields.

CORRIDOR MANAGEMENT IMPROVEMENT ACCOUNT**State Route 138 Avenue "T" to Route 18, Various Loc. Widening (EA# 127281)****Project Nomination Fact Sheet**

Nominating Agency: MTA/Caltrans		Fact Sheet Date: 01/09/07	
Contact Person	Brian Lin/Steve Novotny		
Phone Number	(213) 922-3036 \ (213)897-4289	Fax Number	(213) 922-6358/ (213) 897-0648
Email Address	LINB@metro.net \ steve_novotny@dot.ca.gov		

Project Information:							
County	Caltrans District	PPNO *	EA *	Region/MPO/ TIP ID*	Route / Corridor *	Post Mile Back *	Post Mile Ahead *
LOS ANGELES	7	3331	127281		138	51.4	69.4
* NOTE: PPNO & EA assigned by Caltrans. Region/MPO/TIP ID assigned by RTPA/MPO. Route/Corridor & Post Mile Back/Ahead used for State Highway System							
Legislative Districts	Senate: 17			Congressional: 25			
	Assembly: 36						
Implementing Agency (by component)	PA&ED: CALTRANS			PS&E: CALTRANS			
	R/W: CALTRANS			CON: CALTRANS			
Project Title	State Route 138 Avenue "T" to Route 18, Various Loc. Widening (EA# 127281)						
Location - Project Limits - Description and Scope of Work (Provide a project location map on a separate sheet and attach to this form)							
Various locations, from Avenue T to Route 18; widen from 2 to 4 lanes with median turn lane (remainder of corridor)							
Description of Major Project Benefits							
Route 138, from Avenue T in the City of Palmdale to junction with Route 18 in Llano, has been designated as a Corridor. This Corridor has been divided into several Segments, each of which is a separate project. Although all projects are programmed, not all projects are fully funded for Construction. There are 7 Segments which are programmed in Phase I. The first project in Phase I is completed in construction, with the last project in Phase I scheduled to be completed in Construction in Spring 2011. The existing facility consists of one lane of travel in each direction as well as a median lane and standard width shoulders, which will improve safety and capacity.							
Expected Source(s) of Additional Funding Necessary to Complete Project - as Identified Under 'Additional Need'							
Additional funding expected from Prop 1B under CMIA.Category. Pending on the funding availability, may apply with combination of IIP fund under Prop 1B STIP Augmentation.							
Project Delivery Milestones (month/year):							
Project Study Report (PSR) complete	Oct/1991						
Notice of Preparation	Document Type:	EIR/EIS	Oct/1991				
Begin Circulation of Draft Environmental Document	Nov/2000						
Final Approval of Environmental Document	Mar/2001						
Completion of plans, specifications, and estimates	Dec/2008						
Right-of-way certification	Jan/2009						
Ready for advertisement	Jun/2009						
Construction contract award	Sept/2009						
Construction contract acceptance	Feb/2011						

NOTE: The CTC Corridor Mobility Improvement Account (CMIA) Program Guidelines should have been read and understood prior to preparation of the CMIA Fact Sheet. A copy of the CTC CMIA Guidelines and a template of the Project Fact Sheet are available at: <http://www.dot.ca.gov/hq/transprog/> and at: <http://www.catc.ca.gov/>

CORRIDOR MANAGEMENT IMPROVEMENT ACCOUNT
Project Nomination Fact Sheet - Project Cost and Funding Plan
 (dollars in thousands and escalated)

Shaded fields are automatically calculated. Please do not fill these fields.

Date: 9-Jan-07

County	CT District	PPNO *	EA*	Region/MPO/TIP ID *
LOS ANGELES	7	3331	127281	0
Project Title: State Route 138 Avenue "T" to Route 18, Various Loc. Widening (EA# 127281)				

* NOTE: PPNO and EA assigned by Caltrans. Region/MPO/TIP ID assigned by RTPA/MPO

Proposed Total Project Cost								Project Total
Component	Prior	07/08	08/09	09/10	10/11	11/12	12/13	
E&P (PA&ED)	895							895
PS&E	3,993							3,993
R/W SUP (CT) *	3,499							3,499
CON SUP (CT) *	0		8,378					8,378
R/W	6,442		0					6,442
CON	0		80,827					80,827
TOTAL	14,829	0	89,205	0	0	0	0	104,034

Corridor Management Improvement Account (CMIA) Program

Component	Prior	07/08	08/09	09/10	10/11	11/12	12/13	Total
E&P (PA&ED)								0
PS&E								0
R/W SUP (CT) *	449							449
CON SUP (CT) *	0		8,004					8,004
R/W	6,442		0					6,442
CON	0		80,287					80,287
TOTAL	6,891	0	88,291	0	0	0	0	95,182

* NOTE: R/W SUP and CON SUP to be used only for projects implemented by Caltrans

Existing RTIP Funds (RTIP Program Code: ** 20.XX.075.600)

Component	Prior	07/08	08/09	09/10	10/11	11/12	12/13	Total
E&P (PA&ED)								0
PS&E								0
R/W SUP (CT) *								0
CON SUP (CT) *								0
R/W								0
CON								0
TOTAL	0	0	0	0	0	0	0	0

Proposed RTIP Funds (RTIP Program Code: ** 20.XX.075.600)

Component	Prior	07/08	08/09	09/10	10/11	11/12	12/13	Total
E&P (PA&ED)								0
PS&E								0
R/W SUP (CT) *								0
CON SUP (CT) *								0
R/W								0
CON								0
TOTAL	0	0	0	0	0	0	0	0

Existing ITIP Funds (ITIP Program Code: ** 20.XX.025.700)

Component	Prior	07/08	08/09	09/10	10/11	11/12	12/13	Total
E&P (PA&ED)	667							667
PS&E	2,048							2,048
R/W SUP (CT) *	1,857							1,857
CON SUP (CT) *	0							0
R/W	0							0
CON	0							0
TOTAL	4,572	0	0	0	0	0	0	4,572

Proposed ITIP Funds (Program Code ** 20.XX.025.700)

Component	Prior	07/08	08/09	09/10	10/11	11/12	12/13	Total
E&P (PA&ED)	667							667

CORRIDOR MANAGEMENT IMPROVEMENT ACCOUNT
Project Nomination Fact Sheet - Project Cost and Funding Plan
 (dollars in thousands and escalated)

Shaded fields are automatically calculated. Please do not fill these fields.

				Date:	9-Jan-07
County	CT District	PPNO *	EA*	Region/MPO/TIP ID *	
LOS ANGELES	7	3331	127281	0	
Project Title: State Route 138 Avenue "T" to Route 18, Various Loc. Widening (EA# 127281)					

* NOTE: PPNO and EA assigned by Caltrans. Region/MPO/TIP ID assigned by RTPA/MPO

PS&E	2,048								2,048
R/W SUP (CT) *	1,857								1,857
CON SUP (CT) *	0								0
R/W	0								0
CON	0								0
TOTAL	4,572	0	0	0	0	0	0	0	4,572

Existing 'Grandfathered STIP' Funds

Component	Prior	07/08	08/09	09/10	10/11	11/12	12/13	Total
E&P (PA&ED)	228							228
PS&E	1,945							1,945
R/W SUP (CT) *	1,193							1,193
CON SUP (CT) *	0		374					374
R/W	0							0
CON	0		540					540
TOTAL	3,366	0	914	0	0	0	0	4,280

Shaded fields are automatically calculated. Please do not fill these fields.

Proposed 'Grandfathered STIP' Funds

Component	Prior	07/08	08/09	09/10	10/11	11/12	12/13	Total
E&P (PA&ED)	228							228
PS&E	1,945							1,945
R/W SUP (CT) *	1,193							1,193
CON SUP (CT) *	0		374					374
R/W	0							0
CON	0		540					540
TOTAL	3,366	0	914	0	0	0	0	4,280

Additional Funding Needs (funding needs not yet committed)

Component	Prior	07/08	08/09	09/10	10/11	11/12	12/13+	Total
E&P (PA&ED)								0
PS&E								0
R/W SUP (CT) *								0
CON SUP (CT) *								0
R/W								0
CON								0
TOTAL	0	0	0	0	0	0	0	0

Shaded fields are automatically calculated. Please do not fill these fields.