

**LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS**

SAN GABRIEL VALLEY TRAFFIC FORUM

**ADVANCED TRAFFIC MANAGEMENT SYSTEM
IMPROVEMENT PROJECT**

CONTRACT NO. PW 12716

PROGRESS REPORT

October 2005

Prepared by:



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November 18th, 2005

Major Work Items Completed This Period (October 2005)

SGVTF Project Web-Site

- TransCore updated the web-site to include the Monthly Progress Reports through September '05 & all recent SGVTF deliverables

Draft Conceptual Design Report (Task 2.6.5)

- TransCore continued efforts to develop a DRAFT
- 10/3/05 – Per LA County's direction to focus the SGVTF Conceptual Design on four (4) East-West Priority Corridors, TransCore submitted a list of potential SOW revisions to address such (as necessary)
- 10/4/05 – Per LA County's direction to focus the SGVTF Conceptual Design on four (4) East-West Priority Corridors, TransCore submitted the cost to perform the potential SOW revisions to address such (as necessary)
- 10/6/05 – TransCore submitted a list of Agency Assumptions & details re: the potential relinquishment of Rosemead (SR 39) for LA County review/confirmation
- 10/10/05 – TransCore submitted information & request for clarification re: type of Econolite controllers in Alhambra for LA County review/confirmation
- 10/11/05 – TransCore submitted information & request re: Econolite controller type & cabinet upgrade percentages for LA County review/confirmation
- 10/19/05 – TransCore submitted an ITS component cost breakdown, Agency conceptual design clarifications, & overall SGVTF Conceptual Design ITS Project cost (per Corridor & per Agency) for LA County review/confirmation
- 10/19/05 – TransCore submitted configuration details re: C2C communications & routers for the LACO TMC for LA County review/conformation
- 10/24/05 – TransCore submitted a revised breakdown of the four (4) East-West Priority Corridor end-points, listing of Agencies through which they pass, number of traffic signals per Agency, & Agency ownership of traffic signal
- 10/26/05 – TransCore submitted an initial breakdown of the potential North-South Priority Corridor end-points, listing of Agencies through which they pass, AADT, & number of traffic signals per Agency
- 10/27/05 – TransCore submitted a revised breakdown of the potential North-South Priority Corridor end-points, listing of Agencies through which they pass, AADT, & number of traffic signals per Agency
- 10/27/05 – TransCore submitted the revised CCTV analysis & prioritization for the entire SGVTF Region
- 10/28/05 – TransCore submitted a response to LA County re: the SGVTF CCTV analysis & prioritization
- 10/28/05 – TransCore submitted a revised breakdown of the potential North-South Priority Corridor end-points, listing of Agencies through which they pass, AADT, & number of traffic signals per Agency

Conceptual Design Workshop (Task 2.8)

- 10/24/05 – TransCore sent-out a request for participations/attendance to the SGVTF Stakeholder Group re: the upcoming SGVTF Conceptual Design Workshop (11/10/05 @ the LACO TMC)

Other SGVTF Documents/Memos/Letters Submitted

Item	Title	Version	Date
1.	SGVTF – Progress Report (September 2005)	Final	Oct 10, 2005
2.	SGVTF – Communications Conceptual Design on SGVTF Project Web-Site	Memo	Oct 18, 2005

SGVTF Meetings & Conference Calls Conducted:

Item	Date		Description
	Meeting	Conference Call	
1.	Oct 5, 2005		Draft Conceptual Design Report (Task 2.6.5)
2.		Oct 7, 2005	Weekly Status
3.		Oct 12, 2005	Weekly Status
4.	Oct 21, 2005		Draft Conceptual Design Report (Task 2.6.5) Weekly Status
5.		Oct 28, 2005	Weekly Status

Work Anticipated During Next Period (November 2005)

ATMS Conceptual Design (Task 2.6.1)

- TransCore Responsibilities
 - 9/9/05 – Submittal of a DRAFT
 - TBD – Submittal of a FINAL
- County Responsibilities
 - TBD – Review & submittal of comments on DRAFT

Communications Conceptual Design (Task 2.6.2)

- TransCore Responsibilities
 - 9/27/05 – Submittal of a DRAFT
 - TBD – Submittal of a FINAL
- County Responsibilities
 - TBD – Review & submittal of comments on DRAFT

LCCS Conceptual Design (Task 2.6.3)

- TransCore to review MMA's "internal" DRAFT

Draft Conceptual Design Report (Task 2.6.5)

- TransCore continued efforts to develop a DRAFT

Operations & Maintenance (O&M) Plan (Task 2.7)

- TransCore to review MMA's "internal" DRAFT
- TransCore to ensure that MMA's "internal" DRAFT accurately reflects the SGVTF's "Draft" Conceptual Design

Conceptual Design Workshop (Task 2.8)

- 11/10/05 – TransCore to conduct SGVTF Conceptual Design Workshop @ the LACO TMC

Outstanding Items

ATMS User Requirements (Task 2.3.2) & ATMS Functional Requirements (Task 2.3.3)

- TransCore Responsibilities
 - 10/11/04 – Submittal of a DRAFT
 - TBD – Submittal of a FINAL
- County Responsibilities
 - TBD – Review & submittal of comments on DRAFT

LCCS & Facility Requirements (Task 2.3.4)

- TransCore Responsibilities
 - 11/1/04 – Submittal of a DRAFT
 - TBD – Submittal of a FINAL
- County Responsibilities
 - TBD – Review & submittal of comments on DRAFT

Sub-Regional TMC Requirements (Task 2.3.5)

- TransCore Responsibilities
 - 11/1/04 – Submittal of a DRAFT
 - TBD – Submittal of a FINAL
- County Responsibilities
 - TBD – Review & submittal of comments on DRAFT

Integration System User Requirements (Task 2.3.6) & Integration System Functional Requirements (Task 2.3.7)

- TransCore Responsibilities
 - 12/23/04 – Submittal of a DRAFT
 - TBD – Submittal of a FINAL
- County Responsibilities
 - TBD – Review & submittal of comments on DRAFT

Communications User/Functional Requirements (Task 2.3.8)

- TransCore Responsibilities
 - 3/31/05 – Submittal of a DRAFT
 - TBD – Submittal of a FINAL
- County Responsibilities
 - TBD – Review & submittal of comments on DRAFT

System Architecture/Area Architecture Definition Report (Task 2.4)

- TransCore Responsibilities
 - 4/13/05 – Submittal of a DRAFT
 - TBD – Submittal of a FINAL
- County Responsibilities
 - TBD – Review & submittal of comments on DRAFT

ATMS Alternatives Analysis (Task 2.5.1)

- TransCore Responsibilities
 - 4/5/05 – Submittal of a DRAFT
 - TBD – Submittal of a FINAL
- County Responsibilities
 - TBD – Review & submittal of comments on DRAFT

Communications Alternatives Analysis (Task 2.5.2)

- TransCore Responsibilities
 - 5/16/05 – Submitted a DRAFT
 - TBD – Submit a FINAL
- County Responsibilities
 - TBD – Review & submit comments on DRAFT

LCCS & Computer Systems Alternatives Analysis (Task 2.5.3)

- TransCore Responsibilities
 - 3/15/05 – Submittal of a DRAFT
 - TBD – Submittal of a FINAL
- County Responsibilities
 - TBD – Review & submittal of comments on DRAFT

System Recommendations (Task 2.5.4)

- TransCore Responsibilities
 - 5/24/05 – Submitted a DRAFT
 - TBD – Submit a FINAL
- County Responsibilities
 - TBD – Review & submit comments on DRAFT

Integrated System Conceptual Design (Task 2.6.4)

- TransCore Responsibilities

- 6/14/05 – Submitted a DRAFT
- TBD – Submit a FINAL
- County Responsibilities
 - TBD – Review & submit comments on DRAFT

Task Status – Overview

Task/Deliverable	Previous est. % Complete	Current est. % Complete	Complete Date (Planned)	Completion Date (Actual)
Task 1 - Project Management	83%	85%	6/30/05	
Task 2 - Preliminary/Conceptual Design				
Operational Objectives	100%	100%	12/16/03	12/20/04
ATMS System Needs	100%	100%	12/16/03	12/20/04
Task 2.3 - ConOps/System Requirements				
Initial SGVTF ConOps	100%	100%	12/3/04	11/11/04
ATMS User Requirements	95%	95%	11/8/04	
ATMS Functional Requirements	95%	95%	11/8/04	
Agency Facility/System Requirements	95%	95%	12/1/04	
Sub-Regional Facility/System Requirements	95%	95%	12/1/04	
Integration User Requirements	95%	95%	12/22/04	
Integration Functional Requirements	95%	95%	12/22/04	
Communications Systems Requirements	95%	95%	12/30/04	
Task 2.4 - Area Architecture/LCCS Diagram	95%	95%	1/12/05	
Task 2.5 - Alternatives Analysis				
ATMS Alternatives	95%	95%	2/18/05	
Communications Alternatives	95%	95%	2/14/05	
LCCS Alternatives	95%	95%	2/7/05	
Systems Recommendations	95%	95%	3/21/05	
Task 2.6 - Conceptual Design Report				
ATMS Conceptual Design	95%	95%	4/1/05	
Communications Conceptual Design	95%	95%	4/8/05	
LCCS Conceptual Design	90%	90%	4/15/05	
Integrated Systems Conceptual Design	95%	95%	4/22/05	
Draft Conceptual Design	45%	75%	4/29/05	
Task 2.7 - O&M Plan	90%	90%	6/6/05	
Task 2.8 - Conceptual Design Workshop	0%	0%	5/20/05	
Task 2.9 - City Concurrence	0%	0%	6/3/05	
Task 2.10 - Final Conceptual Design	0%	0%	6/30/05	

SGVTF Meetings/Presentations

- Contract requires up to five (5) such meetings
- None this period

Item	Date	SGVTF Meetings/Presentations
1.	Nov 17, 2003	SGV TAC Monthly Meeting (Presented SGVTF project overview & IEN system overview)
2.		
3.		
4.		
5.		