

Memorandum

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: June 27-28, 2012

Reference No.: 2.1c.(5b)
Action Item

From: NORMA ORTEGA
Chief Financial Officer

Prepared by: Ryan Chamberlain
Division Chief
Transportation Planning

Subject: **TRADE CORRIDORS IMPROVEMENT FUND-PROJECT BASELINE AMENDMENT
RESOLUTION TCIF-P-1112-45, AMENDING RESOLUTIONS TCIF-P-1011-29 AND
TCIF-P-0809-04B**

RECOMMENDATION:

The California Department of Transportation (Department) recommends the California Transportation Commission (Commission) amend the Trade Corridors Improvement Fund (TCIF) Project Baseline Agreement for Project 15, San Gabriel Valley Grade Separation Program (PPNO TC15). The Southern California Consensus Group concurs with this amendment and the requested changes.

ISSUE:

The Alameda Corridor-East Construction Authority (ACE) proposes to amend the TCIF Project Baseline Agreement for Project 15, San Gabriel Valley Grade Separation Program (San Gabriel Program) to identify the seven grade separation projects which are being used to provide the required match for the TCIF funds, update the delivery schedule, move a portion of Phase I work to Phase II, and update the cost for the entire program of projects.

BACKGROUND:

The San Gabriel Program was adopted into the TCIF Program by the Commission on April 10, 2008. The Baseline Agreement was executed between ACE, the Department, and the Commission, and approved on October 29, 2008, under Resolution TCIF-P-0809-04B. An amendment to the Baseline Agreement was approved on June 6, 2011, under Resolution TCIF-P-1011-29, to split the project into two phases and update the schedule and cost. Allocations for Phase I and II were approved on October 26, 2011, under Resolution TCIF-A-1112-05.

The San Gabriel Program consists of multiple grade separation projects where major urban arterials cross freight mainlines in eastern Los Angeles County. The scope includes the 2.2 mile San Gabriel Trench project, and a series of grade separation projects within the San Gabriel Program. The completed project will increase efficiency, reliability and throughput on the Union Pacific Railroad (UPRR) Alhambra Subdivision mainline east-west corridor to accommodate the existing freight train traffic as well as projected increases in train traffic. It will also reduce roadway traffic delays, enhance traffic safety and reduce air and noise pollution in the local area.

Revised Schedule for Phase I and II

End Design Milestone: The revision was necessary to allow recently finalized designs for utility relocations by Southern California Edison and Southern California Gas Company to be incorporated into the final design plans. ACE also recently finalized an agreement with Sprint for the relocation of fiber optic lines located in the railroad right-of-way, which has been incorporated into the contract specifications. In addition, ACE incorporated comments and suggestions regarding design, which were the result of a constructability review performed by their construction management firm.

Begin Right of Way Phase: The dates were revised to more accurately reflect the actual start date of right-of-way acquisition.

Construction and Closeout Milestones: The Phase II begin construction date was extended due to ACE using a pre-qualification process for contractors which required a longer than typical timeframe for the contract award. Subsequently, the end construction and closeout have been delayed. In addition, the Phase I end construction and closeout dates were revised to be identical to Phase II due to the archaeological excavation monitoring services continuing through both phases of construction.

Scope Modifications for Phase I and II

ACE originally anticipated having to use a Letter of No Prejudice (LONP) to start the relocation of the Sprint and Level 3 fiber optic communication lines along the full length of the project in Phase I. Due to the timing of the bond sale and the subsequent allocation in October 2011 for both phases of the project, the fiber optic relocation activities were incorporated into the main construction contract, otherwise known as Phase II. This modification requires \$9 million in TCIF funds to be shifted from Phase I to Phase II. The overall TCIF funding remains as originally programmed at \$336.6 million.

Phase I scope of work will now consist of the implementation of cultural, natural and paleontological resource mitigation measures. Phase II will now include the relocation of the fiber optic lines along with the original scope of work to grade separate Ramona Street, Mission Road, Del Mar Avenue, and San Gabriel Boulevard.

Identification of Match Projects

The San Gabriel Program consists of Phase I and II of the San Gabriel Trench project along with seven more non-TCIF funded grade separation projects that are contributing to the required 1:1 match for the TCIF funds. This amendment will identify the seven grade separation projects along with their delivery schedules and funding plans. The following table provides a summary of the amount each project is contributing for match:

Grade Separation Program of Projects	Non-State Match
Brea Canyon Road	\$38,922,000
Fairway Drive	\$105,365,000
Puente Avenue	\$86,388,000
Ramona Boulevard	\$14,965,000
Reservoir Street	\$12,480,000
Sunset Avenue	\$39,195,000
Temple Avenue	\$49,289,000
San Gabriel Trench – Phases 1 & 2	\$91,597,000
TOTAL	\$438,201,000

Delivery Schedules and Funding Plans

The following tables summarize the delivery schedules and funding plans for Phase I and II, and the seven grade separation projects which are contributing to the match funds:

Milestone	Current Approved Phase I	Proposed Phase I	Change Phase I	Current Approved Phase II	Proposed Phase II	Change Phase II
Begin Environmental	Jul-03	Jul-03	No Change	Jul-03	Jul-03	No Change
End Environmental	Nov-10	Nov-10	No Change	Nov-10	Nov-10	No Change
Begin Design	Jun-09	Jun-09	No Change	Jun-09	Jun-09	No Change
End Design	Feb-11	Feb-12	12 months	Feb-11	Feb-12	12 months
Begin Right of Way	Apr-10	Dec-10	8 months	Apr-10	Dec-10	8 months
End Right of Way	Jun-11	Jun-11	No Change	Jun-11	Jun-11	No Change
Begin Construction	Aug-11	Aug-11	No Change	Jan-12	Aug-12	7 months
End Construction	Oct-11	Sep-16	4 yrs – 11 mos	Apr-15	Sep-16	1 yrs – 4 mos
Begin Closeout	Aug-12	Oct-16	4 yrs – 2 mos	Apr-15	Oct-16	1 year – 5 mos
End Closeout	Oct-12	Oct-17	5 years	Jul-16	Oct-17	1 year – 3 mos

Milestone	Proposed Brea Canyon Rd.	Proposed Fairway Drive	Proposed Puente Avenue	Proposed Ramona Blvd.	Proposed Reservoir Street	Proposed Sunset Ave	Proposed Temple Avenue
Begin Environmental	Aug-01	Nov-11	Mar-12	Jan-01	Feb-00	May-01	Oct-00
End Environmental	Aug-01	Aug-12	May-12	Dec-12	Feb-01	Jul-01	Mar-01
Begin Design	Mar-02	Nov-11	May-12	Mar-01	Dec-00	May-02	Jul-01
End Design	Sep-04	Dec-12	Jun-13	Dec-04	May-03	Jan-05	Sep-03
Begin Right of Way	Sep-02	Jan-13	Jun-12	Mar-07	Mar-03	Oct-02	Dec-04
End Right of Way	Jan-06	Dec-13	Jun-13	Feb-01	Jul-04	Dec-05	Jan-09
Begin Construction	Jul-06	Mar-14	Dec-13	Dec-04	Jun-04	Nov-06	Nov-08
End Construction	Aug-08	Jun-16	Dec-16	Apr-08	Jul-08	Dec-10	Mar-10
Begin Closeout	Jan-10	Aug-16	Jan-17	Apr-09	Oct-10	Feb-12	May-10
End Closeout	Aug-10	Dec-16	Jun-17	May-10	Set-11	Jun-12	Dec-14

Overall Funding Plan

(DOLLARS IN THOUSANDS)										
FUND SOURCE	TOTAL	Totals by Fiscal Year					Totals by Project Phase			
		Prior	10/11	11/12	12/13	13/14	PA&ED	PS&E	R/W	CONST
State Funds (TCIF)										
Current Approved	336,600			336,600						336,600
Change	0			0						0
Proposed	336,600			336,600						336,600
Existing Federal Appropriations										
Current Approved	168,138	73,789	21,998	47,404	24,947			19,042	65,765	83,331
Change	-120,883	-31,336	-20,151	-44,949	-24,447			-3,983	-57,581	-59,319
Proposed	47,255	42,453	1,847	2,455	500			15,059	8,184	24,012
MTA Committed Funds										
Current Approved	164,645	103,507	31,138	30,000	0	0		18,409	27,066	119,170
Change	-15,234	-11,705	-21,863	-12,825	2,670	28,489		715	-15,307	-642
Proposed	149,411	91,802	9,275	17,175	2,670	28,489		19,124	11,759	118,528
PUC Section 190										
Current Approved	25,000	5,000		20,000	0	0				25,000
Change	10,000	0		-20,000	20,000	10,000				10,000
Proposed	35,000	5,000		0	20,000	10,000				35,000
Railroad Contribution										
Current Approved	21,000	0	0	21,000	0					21,000
Change	2,506	9,522	100	-8,450	1,334					2,506
Proposed	23,506	9,522	100	12,550	1,334					23,506
Measure R										
Current Approved	109,000	5,173	36,827	67,000	0	0		15,075	26,925	67,000
Change	71,844	3,650	-21,576	-49,074	32,000	106,844		0	63,091	-8,753
Proposed	180,844	8,823	15,251	17,926	32,000	106,844		15,075	90,016	75,753
Cities										
Current Approved	0	0							0	
Change	2,185	2,185							2,185	
Proposed	2,185	2,185							2,185	
TOTAL										
Current Approved	824,383	187,469	89,963	522,004	24,947	0		52,526	119,756	652,101
Change	-49,582	-27,684	-63,490	-135,298	31,557	145,333		-3,268	-7,612	-38,702
Proposed	774,801	159,785	26,473	386,706	56,504	145,333		49,258	112,144	613,399

San Gabriel Trench Project – Phase I

(DOLLARS IN THOUSANDS)										
FUND SOURCE	TOTAL	Totals by Fiscal Year					Totals by Project Phase			
		Prior	10/11	11/12	12/13	13/14	PA&ED	PS&E	R/W	CONST
State Funds (TCIF)										
Current Approved	0			0					0	0
Change	8,000			8,000					4,000	4,000
Proposed	8,000			8,000					4,000	4,000
TOTAL										
Current Approved	0			0					0	0
Change	8,000			8,000					4,000	4,000
Proposed	8,000			8,000					4,000	4,000

San Gabriel Trench Project – Phase II

(DOLLARS IN THOUSANDS)										
FUND SOURCE	TOTAL	Totals by Fiscal Year					Totals by Project Phase			
		Prior	10/11	11/12	12/13	13/14	PA&ED	PS&E	R/W	CONST
State Funds (TCIF)										
Current Approved	0			0						0
Change	332,600			332,600						332,600
Proposed	332,600			332,600						332,600
Existing Federal Appropriations										
Current Approved	0	0	0	0	0			0	0	
Change	14,414	12,104	466	1,343	500			13,914	500	
Proposed	14,414	12,104	466	1,343	500			13,914	500	
MTA Committed Funds										
Current Approved	0	0		0				0		
Change	4,398	3,033		1,365				4,398		
Proposed	4,398	3,033		1,365				4,398		
PUC Section 190										
Current Approved	0				0					0
Change	20,000				20,000					20,000
Proposed	20,000				20,000					20,000
Railroad Contribution										
Current Approved	0			0						0
Change	8,600			8,600						8,600
Proposed	8,600			8,600						8,600
Measure R										
Current Approved	0	0	0	0				0	0	
Change	38,000	8,823	15,251	13,926				15,075	22,925	
Proposed	38,000	8,823	15,251	13,926				15,075	22,925	
Cities										
Current Approved	0	0							0	
Change	2,185	2,185							2,185	
Proposed	2,185	2,185							2,185	
TOTAL										
Current Approved	0	0	0	0	0			0	0	0
Change	420,197	26,146	15,717	357,834	20,500			33,387	25,610	361,200
Proposed	420,197	26,146	15,717	357,834	20,500			33,387	25,610	361,200

Brea Canyon Grade Separation

(DOLLARS IN THOUSANDS)										
FUND SOURCE	TOTAL	Totals by Fiscal Year					Totals by Project Phase			
		Prior	10/11	11/12	12/13	13/14	PA&ED	PS&E	R/W	CONST
Existing Federal Appropriations										
Current Approved	0	0	0						0	
Change	5,521	4,998	523						5,521	
Proposed	5,521	4,998	523						5,521	
MTA Committed Funds										
Current Approved	0	0						0	0	0
Change	26,397	26,397						538	4,187	21,672
Proposed	26,397	26,397						538	4,187	21,672
PUC Section 190										
Current Approved	0	0								0
Change	5,000	5,000								5,000
Proposed	5,000	5,000								5,000
Railroad Contribution										
Current Approved	0	0								0
Change	2,004	2,004								2,004
Proposed	2,004	2,004								2,004
Total										
Current Approved	0	0	0					0	0	0
Change	38,922	38,399	523					538	9,708	28,676
Proposed	38,922	38,399	523					538	9,708	28,676

Fairway Drive Grade Separation

(DOLLARS IN THOUSANDS)										
FUND SOURCE	TOTAL	Totals by Fiscal Year					Totals by Project Phase			
		Prior	10/11	11/12	12/13	13/14	PA&ED	PS&E	R/W	CONST
Existing Federal Appropriations										
Current Approved	0		0					0		
Change	240		240					240		
Proposed	240		240					240		
MTA Committed Funds										
Current Approved	0		0	0	0			0		
Change	19,691		53	5,582	1,905	12,151		7,540		12,151
Proposed	19,691		53	5,582	1,905	12,151		7,540		12,151
PUC Section 190										
Current Approved										
Change	5,000					5,000				5,000
Proposed	5,000					5,000				5,000
Measure R										
Current Approved	0				0	0			0	
Change	80,434				12,000	68,434			35,434	45,000
Proposed	80,434				12,000	68,434			35,434	45,000
TOTAL										
Current Approved	0		0	0	0	0		0	0	0
Change	105,365		293	5,582	13,905	85,585		7,780	35,434	62,151
Proposed	105,365		293	5,582	13,905	85,585		7,780	35,434	62,151

Puente Avenue Grade Separation

(DOLLARS IN THOUSANDS)										
FUND SOURCE	TOTAL	Totals by Fiscal Year					Totals by Project Phase			
		Prior	10/11	11/12	12/13	13/14	PA&ED	PS&E	R/W	CONST
Existing Federal Appropriations										
Current Approved	0		0	0				0		
Change	905		216	689				905		
Proposed	905		216	689				905		
MTA Committed Funds										
Current Approved	0		0	0	0	0		0		0
Change	22,073		29	4,941	765	16,338		5,735		16,338
Proposed	22,073		29	4,941	765	16,338		5,735		16,338
PUC Section 190										
Current Approved	0					0				0
Change	5,000					5,000				5,000
Proposed	5,000					5,000				5,000
Measure R										
Current Approved	0				0	0			0	0
Change	58,410				20,000	38,410			27,657	30,753
Proposed	58,410				20,000	38,410			27,657	30,753
TOTAL										
Current Approved	0		0	0	0	0		0	0	0
Change	86,388		245	5,630	20,765	59,748		6,640	27,657	52,091
Proposed	86,388		245	5,630	20,765	59,748		6,640	27,657	52,091

Ramona Boulevard Grade Separation

(DOLLARS IN THOUSANDS)										
FUND SOURCE	TOTAL	Totals by Fiscal Year					Totals by Project Phase			
		Prior	10/11	11/12	12/13	13/14	PA&ED	PS&E	R/W	CONST
Existing Federal Appropriations										
Current Approved	0	0	0							0
Change	8,680	8,289	391							8,680
Proposed	8,680	8,289	391							8,680
MTA Committed Funds										
Current Approved	0	0						0	0	0
Change	5,303	5,303						34	2,959	2,310
Proposed	5,303	5,303						34	2,959	2,310
Railroad Contribution										
Current Approved	0	0	0							0
Change	982	882	100							982
Proposed	982	882	100							982
TOTAL										
Current Approved	0	0	0					0	0	0
Change	14,965	14,474	491					34	2,959	11,972
Proposed	14,965	14,474	491					34	2,959	11,972

Reservoir Street Grade Separation

(DOLLARS IN THOUSANDS)										
FUND SOURCE	TOTAL	Totals by Fiscal Year					Totals by Project Phase			
		Prior	10/11	11/12	12/13	13/14	PA&ED	PS&E	R/W	CONST
MTA Committed Funds										
Current Approved	0	0	0						0	0
Change	11,127	11,109	18						1,125	10,002
Proposed	11,127	11,109	18						1,125	10,002
Railroad Contribution										
Current Approved	0	0								0
Change	1,353	1,353								1,353
Proposed	1,353	1,353								1,353
TOTAL										
Current Approved	0	0	0						0	0
Change	12,480	12,462	18						1,125	11,355
Proposed	12,480	12,462	18						1,125	11,355

Sunset Avenue Grade Separation

(DOLLARS IN THOUSANDS)										
FUND SOURCE	TOTAL	Totals by Fiscal Year					Totals by Project Phase			
		Prior	10/11	11/12	12/13	13/14	PA&ED	PS&E	R/W	CONST
Existing Federal Appropriations										
Current Approved	0	0	0	0					0	
Change	2,163	1,757	11	395					2,163	
Proposed	2,163	1,757	11	395					2,163	
MTA Committed Funds										
Current Approved	0	0	0	0				0	0	0
Change	37,032	23,954	7,529	5,287				339	565	36,128
Proposed	37,032	23,954	7,529	5,287				339	565	36,128
TOTAL										
Current Approved	0	0	0	0				0	0	0
Change	39,195	25,973	7,540	5,682				339	2,728	36,128
Proposed	39,195	25,973	7,540	5,682				339	2,728	36,128

Temple Avenue Train Diversion

(DOLLARS IN THOUSANDS)										
FUND SOURCE	TOTAL	Totals by Fiscal Year					Totals by Project Phase			
		Prior	10/11	11/12	12/13	13/14	PA&ED	PS&E	R/W	CONST
Existing Federal Appropriations										
Current Approved	0	0		0						0
Change	15,332	15,304		28						15,332
Proposed	15,332	15,304		28						15,332
MTA Committed Funds										
Current Approved	0	0	0					0	0	0
Change	23,390	21,744	1,646					540	2,923	19,927
Proposed	23,390	21,744	1,646					540	2,923	19,927
Railroad Contribution										
Current Approved	0	0		0	0					0
Change	10,587	5,283		3,950	1,334					10,587
Proposed	10,587	5,283		3,950	1,334					10,587
TOTAL										
Current Approved	0	0	0	0	0			0	0	0
Change	49,289	42,331	1,646	3,978	1,334			540	2,923	45,826
Proposed	49,289	42,331	1,646	3,978	1,334			540	2,923	45,826

RESOLUTION TCIF-P-1112-45

Be it Resolved, that the California Transportation Commission does hereby amend the Trade Corridors Improvement Fund Baseline Agreement for Project 15, San Gabriel Valley Grade Separation Program (PPNO TC15), in accordance with the changes described and illustrated above.