

COMPARING ESTIMATED COST IN YEAR OF EXPENDITURE SHOWING BASE AND ALLOCATED CONTINGENCIES IN SCC FORMAT								Report Date
CENTRAL SUBWAY PROJECT, SAN FRANCISCO, CALIFORNIA								April 29, 2013
SCC MAIN WORKSHEET		CAPITAL COST ESTIMATE UPDATE REPORT FOR MARCH 2013						
SCC	All costs in Year of Expenditure CATEGORY ITEM	ENTRY INTO FINAL DESIGN 8/11/09 YOY			UPDATED PROJECT ESTIMATE MARCH 2013 YOY			Comments
		Base in SMTA Main Worksheet (X000)	Cont in Main Worksheet (X000)	Base + Allocated Cont in Main Worksheet (X000)	Base in SMTA Main Worksheet (X000)	Cont in Main Worksheet (X000)	Base + Allocated Cont in Main Worksheet (X000)	
10	GUIDEWAY & TRACK ELEMENTS	277,952	40,464	318,416	277,976	19,339	297,315	Increased by \$347,000 from Feb 2013
10.02	Guideway: At-Grade Semi-Exclusive	7,988	1,173	9,161	1,387	128	1,516	
10.06	Guideway: Underground Cut & Cover	9,839	1,181	11,020	31,896	1,993	33,889	
10.07	Guideway: Underground Tunnel	245,559	36,540	282,099	230,688	15,917	246,606	Increased by \$347,000 from Feb 2013
10.08	Guideway: Retained Cut & Fill	-	-	-	-	-	-	
10.09	Track: Direct Fixation	8,092	809	8,901	8,056	748	8,804	
10.10	Track: Embedded	4,139	414	4,553	1,493	139	1,631	
10.12	Track: Special [Switches, Turnouts]	2,336	347	2,683	4,455	414	4,869	
20	STATIONS, STOPS AND TERMINALS	419,330	70,380	489,711	491,584	50,195	541,779	Increased by \$41,000 from Feb2013
20.01	At Grade Station, Stop, Shelter, Platform	2,241	224	2,465	672	62	734	
20.03	Underground Stations	383,634	68,484	452,118	465,704	46,688	512,392	Increased by \$41,000 from Feb2013
20.07	Elevators, Escalators	33,455	1,673	35,128	25,207	3,446	28,653	
30	SUPPORT FACILITIES, YARDS, SHOPS	-	-	-	-	-	-	
30.02	Light Maintenance Facility	-	-	-	-	-	-	
40	SITWORK AND SPECIAL CONDITIONS	41,386	13,551	54,937	88,258	6,962	95,220	Decreased by \$2,343,000 from Feb 2013
40.01	Demolition, Clearing, Earthwork	1,220	122	1,342	4,199	393	4,592	Decreased by \$4,000 from Feb 2013
40.02	Site Utilities, Utility Relocation	18,347	8,032	26,379	34,056	2,455	36,511	Decreased by \$2,114,000 from Feb 2013
40.03	Hazardous Material, Contaminated Soil Removal	865	179	1,044	3,981	347	4,328	Decreased by \$17,000 from Feb 2013
40.04	Environmental Mitigation	211	37	248	2,669	237	2,906	Decreased by \$2,000 from Feb 2013
40.05	Site Structures	699	160	859	2,606	158	2,764	Decreased by \$40,000 from Feb 2013
40.06	Pedestrian/Bike Access & Landscaping	738	74	812	2,137	197	2,335	
40.07	Automobile Bus Van Access way, Roads	2,308	231	2,539	10,959	982	11,941	Decreased by \$32,000 from Feb 2013
40.08	Temporary Facilities & Other Indirect Cost	16,998	4,716	21,714	27,650	2,193	29,843	Decreased by \$134,000 from Feb 2013
50	SYSTEMS	107,981	11,235	119,215	140,013	13,245	153,257	Decreased by \$33,000 from Feb 2013
50.01	Train Controls & Signals	22,670	2,266	24,936	55,393	5,125	60,518	
50.02	Traffic Signals & Crossing Protection	3,608	361	3,969	5,587	512	6,099	
50.03	Traction Power Supply: Substation	26,593	1,812	28,405	19,197	1,913	21,111	Decreased by \$20,000 from Feb 2013
50.04	Traction Power Distribution: OCS	21,982	2,198	24,180	20,696	1,881	22,576	Decreased by \$13,000 from Feb 2013
50.05	Communications	29,327	4,215	33,541	36,305	3,525	39,830	
50.06	Fare Collection System	2,835	286	3,121	2,835	289	3,124	
50.07	Central Control	966	97	1,063	-	-	-	
	CONSTRUCTION TOTAL SCC 10 TO 50	846,649	135,630	982,279	997,830	89,741	1,087,571	Decreased by \$21.99M from Feb 2013
60	ROW, LAND, EXISTING IMPROVEMENTS	23,747	10,278	34,025	36,380	1,018	37,398	Decreased by \$1.82M from Feb 2013
60.01	Purchase or lease of Real Estate	18,828	9,414	28,242	32,780	916	33,696	Decreased by \$1.64M from Feb 2013
60.02	Relocation of Existing Households	4,919	864	5,783	3,600	102	3,702	Decreased by \$179,000 from Feb 2013
70	VEHICLES	25,726	2,430	28,156	24,109	2,377	26,486	No Change from Feb 2013
70.01	Light Rail	22,868	2,287	25,155	21,430	2,143	23,573	
70.07	Spare parts	2,858	143	3,001	2,679	234	2,913	
80	PROFESSIONAL SERVICES	320,096	-	320,096	335,731	23,971	359,703	No Change from Feb 2013
80.01	Preliminary Engineering	42,449	-	42,449	46,220	-	46,220	
80.02	Final Design	41,127	-	41,127	75,301	7,547	82,848	
80.03	Project Management for Design & Construction	155,296	-	155,296	177,004	13,906	190,910	
80.04	Construction Administration & Management	40,698	-	40,698	16,861	-	16,861	
80.05	Insurances	-	-	-	6,800	-	6,800	
80.06	Legal: Permits, Review Fees by other agencies	9,006	-	9,006	6,180	1,160	7,340	
80.07	Surveys, Testing, Investigation, Inspection	13,509	-	13,509	324	-	324	
80.08	Start-up	18,011	-	18,011	7,042	1,358	8,400	
	SUB-TOTAL CATEGORIES 10 TO 80	1,216,219	148,338	1,364,556	1,394,050	117,107	1,511,157	Decreased by \$3.80M from Feb 2013
90	UNALLOCATED CONTINGENCIES			213,744			67,143	Increased by \$3.80M from Feb 2013
100	FINANCE CHARGES			-			-	
TOTAL PROJECT COST 10 TO 100				1,578,300			1,578,300	
	TOTAL CONTINGENCY			362,082			184,250	Increased by \$1.73M from Feb 3013
	CONTINGENCY PERCENTAGE			29.77%			13.22%	Increased from Feb 2013 13.08%
	CONTINGENCY BUFFER			350,000			200,000	Reduced after issuing of FFGA
	BELOW OR ABOVE BUFFER			12,082			(15,750)	Currently \$15.75M below buffer
	CONTINGENCY MINIMUM			280,000			160,000	Reduced after issuing of FFGA
	BELOW OR ABOVE MINIMUM			82,082			24,250	Currently \$24.25M above minimum

Note The above Allocated Contingencies used are based upon Risk Workshop recommended amounts adjusted based on progress of the design, award or construction Minimum contingency amount reduced to \$160,000 after the issuing of the FFGA in October 2012, in accordance with the agreed revised project contingency drawdown graph.

COMPARISON BACK-UP SHEET TO PAGE ONE SHOWING BASE YEAR COST PLUS ESCALATION & ALLOCATED CONTINGENCY PLUS ESCALATION

CENTRAL SUBWAY PROJECT, SAN FRANCISCO, CALIFORNIA

SCC MAIN WORKSHEET

PMOC CAPITAL COST ESTIMATE UPDATE REPORT FOR MARCH 2013

Report Date:

April 29, 2013

SCC OR CP	CATEGORY ITEM	ENTRY INTO FINAL DESIGN ESTIMATE 8/11/09							UPDATED PROJECT COST ESTIMATE MARCH 2013							DIFFERENCE
		Base in SMTA Main Worksheet (2009)	Escalation on Base	Base at Year of Expenditure in Main Worksheet	Allocated Contingency in Main Worksheet (2009)	Escalation on Allocated Contingency in Main Worksheet	Allocated Contingency Year of Expenditure in Main Worksheet	Total Year of Expenditure Cost in Main Worksheet	Base in SMTA Updated Estimate (2010)	Escalation on Base	Base at Year of Expenditure in SFMTA Estimate	Allocated Contingency in SFMTA Estimate (2010)	Escalation on Allocated Contingency in SFMTA Estimate	Allocated Contingency Year of Expenditure in SFMTA Estimate	Year of Expenditure Base + Allocated Contingency	
10	GUIDEWAY & TRACK ELEMENTS	243,798	34,154	277,952	35,492	4,972	40,464	318,416	271,467	6,508	277,976	18,851	487	19,339	297,315	156,296
10.02	Guideway: At-Grade Semi-Exclusive	7,006	982	7,988	1,029	144	1,173	9,161	1,260	128	1,387	116	12	128	1,516	(7,645)
10.06	Guideway: Underground Cut & Cover	8,630	1,209	9,839	1,036	145	1,181	11,020	31,772	124	31,896	1,985	8	1,993	33,889	22,869
10.07	Guideway: Underground Tunnel	215,386	30,173	245,559	32,050	4,490	36,540	282,099	225,722	4,966	230,688	15,574	343	15,917	246,606	(35,494)
10.08	Guideway: Retained Cut & Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.09	Track: Direct Fixation	7,097	995	8,092	710	99	809	8,901	7,314	742	8,056	676	72	748	8,804	(97)
10.10	Track: Embedded	3,630	509	4,139	363	51	414	4,553	1,355	137	1,493	125	13	139	1,631	(2,921)
10.12	Track: Special [Switches, Turnouts]	2,049	287	2,336	304	43	347	2,683	4,045	410	4,455	374	40	414	4,869	2,186
20	STATIONS, STOPS AND TERMINALS	354,194	65,136	419,330	59,448	10,932	70,380	489,711	449,060	42,524	491,584	45,664	4,532	50,195	541,779	52,068
20.01	At Grade Station, Stop, Shelter, Platform	1,893	348	2,241	189	35	224	2,465	610	62	672	56	6	62	734	(1,730)
20.03	Underground Stations	324,043	59,591	383,634	57,846	10,638	68,484	452,118	425,455	40,249	465,704	42,464	4,223	46,688	512,392	60,274
20.07	Elevators, Escalators	28,258	5,197	33,455	1,413	260	1,673	35,128	22,994	2,213	25,207	3,143	303	3,446	28,653	(6,475)
30	SUPPORT FACILITIES, YARDS, SHOPS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30.02	Light Maintenance Facility	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	SITWORK AND SPECIAL CONDITIONS	37,861	3,525	41,386	12,397	1,154	13,551	54,937	83,443	4,814	88,258	6,570	392	6,962	95,220	40,283
40.01	Demolition, Clearing, Earthwork	1,116	104	1,220	112	10	122	1,342	3,926	273	4,199	367	26	393	4,592	
40.02	Site Utilities, Utility Relocation	16,785	1,562	18,347	7,348	684	8,032	26,379	31,935	2,121	34,056	2,302	153	2,455	36,511	
40.03	Hazardous Material, Contaminated Soil Removal	791	74	865	164	15	179	1,044	3,757	224	3,981	328	20	347	4,328	
40.04	Environmental Mitigation	193	18	211	34	3	37	248	2,501	168	2,669	222	15	237	2,906	
40.05	Site Structures	640	59	699	146	14	160	859	2,606	0	2,606	158	0	158	2,764	
40.06	Pedestrian/Bike Access & Landscaping	675	63	738	68	6	74	812	1,981	156	2,137	183	14	197	2,335	
40.07	Automobile Bus Van Access way, Roads	2,111	197	2,308	211	20	231	2,539	10,189	770	10,959	913	69	982	11,941	
40.08	Temporary Facilities & Other Indirect Cost	15,550	1,448	16,998	4,314	402	4,716	21,714	26,548	1,103	27,650	2,097	96	2,193	29,843	
50	SYSTEMS	86,955	21,026	107,981	9,047	2,188	11,235	119,215	128,292	11,720	140,013	12,130	1,115	13,245	153,257	34,042
50.01	Train Controls & Signals	18,255	4,415	22,670	1,825	441	2,266	24,936	50,336	5,057	55,393	4,653	472	5,125	60,518	
50.02	Traffic Signals & Crossing Protection	2,905	703	3,608	291	70	361	3,969	5,088	499	5,587	466	46	512	6,099	
50.03	Traction Power Supply: Substation	21,415	5,178	26,593	1,459	353	1,812	28,405	17,549	1,649	19,197	1,748	166	1,913	21,111	
50.04	Traction Power Distribution: OCS	17,702	4,280	21,982	1,770	428	2,198	24,180	18,986	1,710	20,696	1,724	157	1,881	22,576	
50.05	Communications	23,616	5,711	29,327	3,394	821	4,215	33,541	33,537	2,769	36,305	3,254	271	3,525	39,830	
50.06	Fare Collection System	2,284	551	2,835	230	56	286	3,121	2,798	36	2,835	285	4	289	3,124	
50.07	Central Control	778	188	966	78	19	97	1,063	-	-	-	-	-	-	-	(1,063)
	CONSTRUCTION TOTAL SCC 10 TO 50	722,808	123,841	846,649	116,384	19,246	135,630	982,279	932,263	65,567	997,830	83,215	6,526	89,741	1,087,571	
60	ROW, LAND, EXISTING IMPROVEMENTS	23,420	327	23,747	10,136	142	10,278	34,025	36,380	0	36,380	1,018	0	1,018	37,398	3,373
60.01	Purchase or lease of Real Estate	18,569	260	18,829	9,284	130	9,414	28,242	32,780	0	32,780	916	0	916	33,696	5,454
60.02	Relocation of Existing Households	4,851	68	4,919	852	12	864	5,783	3,600	0	3,600	102	0	102	3,702	(2,081)
70	VEHICLES	18,000	7,726	25,726	1,700	730	2,430	28,156	18,000	6,109	24,109	1,800	577	2,377	26,486	(1,670)
70.01	Light Rail	16,000	6,868	22,868	1,600	687	2,287	25,155	16,000	5,430	21,430	1,600	543	2,143	23,573	(1,582)
70.07	Spare parts	2,000	858	2,858	100	43	143	3,001	2,000	679	2,679	200	34	234	2,913	(89)
80	PROFESSIONAL SERVICES	298,873	21,224	320,097	-	-	320,097	335,731	335,731	0	335,731	23,971	0	23,971	359,702	39,605
80.01	Preliminary Engineering	39,634	2,815	42,449	-	-	42,449	46,220	46,220	0	46,220	0	0	0	46,220	3,772
80.02	Final Design	38,400	2,727	41,127	-	-	41,127	75,301	75,301	0	75,301	7,547	0	7,547	82,848	41,721
80.03	Project Management for Design & Construction Administration & Management	145,000	10,297	155,297	-	-	155,297	177,004	177,004	0	177,004	13,906	0	13,906	190,910	35,613
80.04	Construction Administration & Management	38,000	2,699	40,699	-	-	40,699	16,861	16,861	0	16,861	0	0	0	16,861	(23,838)
80.05	Insurances	-	-	-	-	-	-	6,800	6,800	0	6,800	0	0	0	6,800	6,800
80.06	Legal: Permits, Review Fees by other	8,409	597	9,006	-	-	9,006	6,180	6,180	0	6,180	1,160	0	1,160	7,339	(1,667)
80.07	Surveys, Testing, Investigation, Inspection	12,613	896	13,509	-	-	13,509	324	324	0	324	0	0	0	324	(13,185)
80.08	Start-up	16,817	1,194	18,011	-	-	18,011	7,042	7,042	0	7,042	1,358	0	1,358	8,400	(9,611)
	SUB-TOTAL CATEGORIES 10 TO 80	1,063,101	153,119	1,216,220	128,220	20,118	148,338	1,364,557	1,322,374	71,676	1,394,050	110,004	7,103	117,107	1,511,157	197,604
90	UNALLOCATED CONTINGENCIES							213,743							67,143	(146,800)
100	FINANCE CHARGES															
	TOTAL PROJECT COST 10 TO 100							1,578,300							1,578,300	51,004

Note: All Updated Estimate Numbers in 2010 dollars

COMPARISON BACK-UP SHEET TO PAGE ONE SHOWING BASE YEAR COST PLUS ALLOCATED CONTINGENCY

CENTRAL SUBWAY PROJECT, SAN FRANCISCO, CALIFORNIA

Date: April 29, 2013

SCC MAIN WORKSHEET

CAPITAL COST ESTIMATE UPDATE REPORT FOR MARCH 2013

	Base year cost in 2009 for Entry into FD and 2010 for Updated Project Cost	ENTRY INTO FINAL DESIGN 8/11/09 Base Cost Only				UPDATED PROJECT ESTIMATE MARCH 2013 Base Cost Only				DIFFERENCE.
		Base in SMTA Main Worksheet (X000)	Cont in Main Worksheet (X000)	Base + Allocated Cont in SMTA Main Worksheet (X000)	Contingency Percentage	Contract Amount + Authorized Change Order or Est Amount (X000)	Allocated Contingency in SFMTA Estimate (X000)	Contract + Change Order or Est + Allocated Cont in Main Worksheet (X000)	Contingency Percentage	Base + Allocated Cont Difference (X000)
CATEGORY ITEM										
10	GUIDEWAY & TRACK ELEMENTS	243,798	35,492	279,290	14.56%	271,467	18,851	290,319	6.94%	27,669
10.02	Guideway: At-Grade Semi-Exclusive	7,006	1,029	8,035	14.69%	1,260	116	1,376	9.24%	(5,746)
10.06	Guideway: Underground Cut & Cover	8,630	1,036	9,666	12.00%	31,772	1,985	33,757	6.25%	23,142
10.07	Guideway: Underground Tunnel	215,386	32,050	247,436	14.88%	225,722	15,574	241,296	6.90%	10,336
10.08	Guideway: Retained Cut & Fill					-		-		
10.09	Track: Direct Fixation	7,097	710	7,807	10.00%	7,314	676	7,990	9.24%	217
10.10	Track: Embedded	3,630	363	3,993	10.00%	1,355	125	1,480	9.24%	(2,275)
10.12	Track: Special [Switches, Turnouts]	2,049	304	2,353	14.84%	4,045	374	4,419	9.24%	1,996
20	STATIONS, STOPS AND TERMINALS	354,194	59,448	413,642	16.78%	449,060	45,663	494,723	10.17%	94,866
20.01	At Grade Station, Stop, Shelter, Platform	1,893	189	2,082	9.98%	610	56	667	9.24%	(1,283)
20.03	Underground Stations	324,043	57,846	381,889	17.85%	425,455	42,463	467,919	9.98%	101,412
20.07	Elevators, Escalators	28,258	1,413	29,671	5.00%	22,994	3,143	26,137	10.19%	(5,264)
30	SUPPORT FACILITIES, YARDS, SHOPS	-	-	-	-	-	-	-	-	0
30.02	Light Maintenance Facility									
40	SITework AND SPECIAL CONDITIONS	37,861	12,397	50,258	32.74%	83,443	6,570	90,013	7.87%	45,582
40.01	Demolition, Clearing, Earthwork	1,116	112	1,228	10.04%	3,926	367	4,293	9.36%	2,810
40.02	Site Utilities, Utility Relocation	16,785	7,348	24,133	43.78%	31,935	2,302	34,237	7.21%	15,150
40.03	Hazardous Material, Contaminated Soil Removal	791	164	955	20.73%	3,757	328	4,085	8.72%	2,966
40.04	Environmental Mitigation	193	34	227	17.62%	2,501	222	2,723	8.87%	2,308
40.05	Site Structures	640	146	786	22.81%	2,606	158	2,764	6.05%	1,966
40.06	Pedestrian/Bike Access & Landscaping	675	68	743	10.07%	1,981	183	2,164	9.24%	1,306
40.07	Automobile Bus Van Access way, Roads	2,111	211	2,322	10.00%	10,189	913	11,102	8.96%	8,078
40.08	Temporary Facilities & Other Indirect Cost	15,550	4,314	19,864	27.74%	26,548	2,097	28,645	7.90%	10,998
50	SYSTEMS	86,955	9,047	96,002	10.40%	128,292	12,130	140,422	9.45%	41,337
50.01	Train Controls & Signals	18,255	1,825	20,080	10.00%	50,336	4,653	54,988	9.24%	32,081
50.02	Traffic Signals & Crossing Protection	2,905	291	3,196	10.02%	5,088	466	5,553	9.16%	2,183
50.03	Traction Power Supply: Substation	21,415	1,459	22,874	6.81%	17,549	1,748	19,296	9.96%	(3,866)
50.04	Traction Power Distribution: OCS	17,702	1,770	19,472	10.00%	18,986	1,724	20,710	9.08%	1,284
50.05	Communications	23,616	3,394	27,010	14.37%	33,537	3,254	36,791	9.70%	9,921
50.06	Fare Collection System	2,284	230	2,514	10.07%	2,798	285	3,084	10.19%	514
50.07	Central Control	778	78	856	10.03%	-	-	-		(778)
	CONSTRUCTION TOTAL SCC 10 TO 50	722,808	116,384	839,192	16.10%	932,263	83,214	1,015,477	8.93%	209,455
60	ROW, LAND, EXISTING IMPROVEMENTS	23,420	10,136	33,556	43.28%	36,380	1,018	37,398	2.80%	12,960
60.01	Purchase or lease of Real Estate	18,569	9,284	27,853	50.00%	32,780	916	33,696	10.00%	14,211
60.02	Relocation of Existing Households	4,851	852	5,703	17.56%	3,600	102	3,702	10.00%	(1,251)
70	VEHICLES	18,000	1,700	19,700	9.44%	18,000	1,800	19,800	10.00%	0
70.01	Light Rail	16,000	1,600	17,600	10.00%	16,000	1,600	17,600	10.00%	0
70.07	Spare parts	2,000	100	2,100	5.00%	2,000	200	2,200	10.00%	0
80	PROFESSIONAL SERVICES	298,873	-	298,873	0.00%	335,731	23,971	359,702	7.14%	36,858
80.01	Preliminary Engineering	39,634	-	39,634	0.00%	46,220	-	46,220	0.00%	6,586
80.02	Final Design	38,400	-	38,400	0.00%	75,301	7,547	82,848	10.02%	36,901
80.03	Project Management for Design & Construction	145,000	-	145,000	0.00%	177,004	13,906	190,910	7.86%	32,004
80.04	Construction Administration & Management	38,000	-	38,000	0.00%	16,861	-	16,861	0.00%	(21,139)
80.05	Insurances	-	-	-		6,800	-	6,800	0.00%	6,800
80.06	Legal: Permits. Review Fees by other agencies	8,409	-	8,409	0.00%	6,180	1,160	7,339	18.76%	(2,229)
80.07	Surveys, Testing, Investigation. Inspection	12,613	-	12,613	0.00%	324	-	324	0.00%	(12,289)
80.08	Start-up	16,817	-	16,817	0.00%	7,042	1,358	8,400	19.29%	(9,775)
	SUB-TOTAL CATEGORIES 10 TO 80	1,063,101	128,220	1,191,321	12.06%	1,322,374	110,003	1,432,377	8.32%	259,273
90	UNALLOCATED CONTINGENCIES			179,931				(61,125)		
100	FINANCE CHARGES			-						
	TOTAL PROJECT COST 10 TO 100			1,371,252		1,322,374	110,003	1,371,252		

COMPARING ESTIMATED COST IN YEAR OF EXPENDITURE SHOWING BASE AND ALLOCATED CONTINGENCIES IN CONTRACT PACKAGES & SCC										
CENTRAL SUBWAY PROJECT, SAN FRANCISCO, CALIFORNIA										
WORK PACKAGE MAIN WORKSHEET		PMOC CAPITAL COST ESTIMATE UPDATE REPORT FOR MARCH 2013						Date:	April 28, 2013	
SCC OR CP	All costs in Year of Expenditure CATEGORY ITEM	ENTRY INTO FINAL DESIGN 8/11/09 YEAR OF EXPENDITURE ESTIMATED COST			UPDATED PROJECT ESTIMATE MARCH 2013 IN YOY ESTIMATED COST			DIFFERENCE	Comments and Source of Cost Reimbursement	
		Base in SMTA Main Worksheet Year of Expenditure	Cont in Main Worksheet Year of Expenditure	Base + Allocated Cont in SMTA Main Worksheet YOY	Contract Amount + Authorized Change Order or Est Amount + Escal	Cont in Main Worksheet Year of Expenditure	Estimated Total Completion at Year of Expenditure	Between Entry into Final Design & Current		
10-50	CONSTRUCTION CONTRACT PACKAGES	846,648,601	135,629,929	982,278,530	997,830,170	89,740,746	1,087,570,916	105,292,386	Decrease of \$1.99M from Feb 2013	
1250	Utility Relocation Package #1	5,709,853	3,328,106	9,037,958	11,968,150	-	11,968,150	2,930,192	Decrease of \$31,636 from Feb 2013	
1251	Utility Relocation Package #2	3,493,843	2,914,799	6,408,642	20,794,582	1,405,265	22,199,847	15,791,205	Increase of \$625,987 from Feb 2013	
1252	Guideway Tunnel	231,405,138	35,453,453	266,858,591	230,864,036	14,314,848	245,178,884	(21,679,707)	Increase of \$507,080 from Feb 2013	
1253	Union Square/Market Street Station [UMS]	199,666,377	33,785,736	233,452,113	209,940,711	21,384,351	231,325,062	(2,127,051)	100% Design estimate used	
1254	China Town Station [CTS]	167,946,095	28,418,080	196,364,175	237,580,869	24,199,750	261,780,618	65,416,443	100% Design estimate used	
1255	Moscone Station [MOS]	102,067,978	17,271,269	119,339,247	130,012,958	13,242,990	143,255,948	23,916,701	100% Design estimate used	
1256	Surface Trackwork & Systems	115,192,611	14,197,477	129,390,089	146,856,276	13,575,016	160,431,292	31,041,203	100% Design estimate used	
	OTHERS									
	Department of Technology Utility Rel 1 & 2				-	-	-	-	Cost transferred to 1250 & 1251	
	Public Art Program	10,358,619	-	10,358,619	7,885,460	1,160,000	9,045,460	(1,313,159)		
	Fare Collection Equipment	2,610,081	261,008	2,871,089	2,400,000	-	2,400,000	(471,089)		
	Job Order Contracts [JOB's]	-	-	-	53,317	-	53,317	53,317		
	Additional Insurance Coverage	-	-	-	5,160,364	458,527	5,618,891	5,618,891	Decrease of \$508 from Feb 2013	
	Public Agencies - Utility Coordination				1,279,299	-	1,279,299	1,279,299		
	Utility Fee Connection	8,198,007	-	8,198,007	1,572,179	-	1,572,179	(6,625,828)		
	Utility Relocation Credit Form B	-	-	-	(15,041,835)	-	(15,041,835)	(15,041,835)	Decrease of \$2,813,881 from Feb 2013	
	Traction Power & Relocate Water Line	-	-	-	258,202	-	258,202	258,202		
	Temporary License Agreement	-	-	-	487,972	-	487,972	487,972		
	Communication Connection Cost	-	-	-	5,757,629	-	5,757,629	5,757,629		
60	ROW, LAND, EXISTING IMPROVEMENTS	23,747,333	10,277,667	34,025,000	36,380,458	1,017,571	37,398,029	3,373,029	Decrease of \$1,181,429 from Feb 2013	
60.01	Purchase or lease of Real Estate	18,828,532	9,413,759	28,242,291	32,780,458	915,814	33,696,272	5,453,981		
60.02	Relocation of Existing Households	4,918,801	863,908	5,782,709	3,600,000	101,757	3,701,757	(2,080,952)		
70	VEHICLES	25,726,294	2,429,706	28,156,000	24,108,712	2,376,941	26,485,653	(1,670,347)	No change from Feb2013	
70.01	Light Rail	22,867,817	2,286,782	25,154,599	21,429,966	2,142,997	23,572,963	(1,581,636)		
70.07	Spare parts	2,858,477	142,924	3,001,401	2,678,746	233,944	2,912,690	(88,711)		
80	PROFESSIONAL SERVICES	320,097,000	-	320,097,000	335,730,887	23,971,144	359,702,031	41,271,862	No change from Feb2013	
80.01	Preliminary Engineering	42,448,547	-	42,448,547	46,220,113	-	46,220,113	3,771,566		
80.02	Final Design	41,126,916	-	41,126,916	75,300,644	7,547,320	82,847,964	41,721,048		
80.03	Project Management for Design & Construction	155,296,949	-	155,296,949	177,004,099	13,905,845	190,909,944	35,612,995		
80.04	Construction Administration & Management	40,698,511	-	40,698,511	16,860,602	-	16,860,602	(23,837,909)		
80.05	Insurances	-	-	-	6,800,000	-	6,800,000	6,800,000		
80.06	Legal: Permits. Review Fees by other agencies	9,006,152	-	9,006,152	6,179,764	1,159,557	7,339,321	-		
80.07	Surveys, Testing, Investigation. Inspection	13,508,693	-	13,508,693	323,758	-	323,758	(13,184,935)		
80.08	Start-up	18,011,233	-	18,011,233	7,041,907	1,358,422	8,400,329	(9,610,904)		
	SUB-TOTAL CATEGORIES 10 TO 80	1,216,219,228	148,337,302	1,364,556,530	1,394,050,227	117,106,402	1,511,156,628	148,266,929	Decreased by \$3.70M from Feb 2013	
90	UNALLOCATED CONTINGENCIES			213,743,470			67,143,372	(146,600,098)	Increased by \$3.70M from Feb 2013	
100	FINANCE CHARGES	Non Allocated		-	Non Allocated					
	TOTAL PROJECT COST 10 TO 100			1,578,300,000			1,578,300,000			
	TOTAL CONTINGENCY			362,080,772			184,249,773	(177,830,998)	Increased by \$1.73M from Feb 2013	
	CONTINGENCY PERCENTAGE			29.77%			13.22%		Increased from Feb 2013 13.08%	
	CONTINGENCY BUFFER			350,000,000			200,000,000		Reduced after issuing of FFGA	
	BELOW OR ABOVE BUFFER			12,080,772			(15,750,227)	(27,830,998)	Currently \$15.75M below buffer	
	CONTINGENCY MINIMUM			280,000,000			160,000,000		Reduced after issuing of FFGA	
	BELOW OR ABOVE MINIMUM			82,080,772			24,249,773	(57,830,998)	Currently \$24.25M above minimum	

Note The above Allocated Contingencies used are based upon Risk Workshop recommended amounts adjusted based on progress of the design, award or construction
Minimum contingency amount reduced to \$160,000 after the issuing of the FFGA in October 2012, in accordance with the agreed revised project contingency drawdown graph.

BACK-UP SHEET TO PAGE ONE SHOWING BASE YEAR COST PLUS ESCALATION & ALLOCATED CONTINGENCY PLUS ESCALATION																	
CENTRAL SUBWAY PROJECT, SAN FRANCISCO, CALIFORNIA																	
WORK PACKAGE MAIN WORKSHEET		PMOC CAPITAL COST ESTIMATE UPDATE REPORT FOR MARCH 2013												Report Date:	April 28, 2013		
SCC OR CP	Base year cost in 2009 for Entry into FD and 2010 for Updated Project Cost	ENTRY INTO FINAL DESIGN ESTIMATE 8/11/09							UPDATED PROJECT COST ESTIMATE MARCH 2013							DIFFERENCE	
		Base in SMTA Main Worksheet (2009)	Escalation on Base	Base at Year of Expenditure in Main Worksheet	Allocated Contingency in Main Worksheet (2009)	Escalation on Allocated Contingency in Main Worksheet	Allocated Contingency Year of Expenditure in Main Worksheet	Total Year of Expenditure Cost in Main Worksheet	Contract Amount + Authorized Change Order or Est Amount	Escalation on Estimates	Contract Amount + Authorized Change Order or Est Amount + Escalation	Allocated Contingency in SFMTA Estimate	Escalation on Allocated Contingency in SFMTA Estimate	Allocated Contingency Year of Expenditure in SFMTA Estimate	Estimated Total at Year of Expenditure	Year of Expenditure Base + Allocated Contingency	
10-50	CONSTRUCTION CONTRACT PACKAGES	722,808,609	123,839,992	846,648,601	116,384,708	19,245,221	135,629,929	982,278,530	932,262,542	65,567,628	997,830,170	83,214,352	6,526,394	89,740,746	1,087,570,916	105,292,386	
1250	Utility Relocation Package #1	5,223,696	486,157	5,709,853	3,044,739	283,367	3,328,106	9,037,958	11,968,150		11,968,150				11,968,150	2,930,192	
1251	Utility Relocation Package #2	3,196,365	297,478	3,493,843	2,666,623	248,176	2,914,799	6,408,642	20,794,582		20,794,582	1,405,265		1,405,265	22,199,847	15,791,205	
1252	Guideway Tunnel	203,257,210	28,147,928	231,405,138	31,140,788	4,312,665	35,453,453	266,858,591	230,864,036		230,864,036	14,314,848		14,314,848	245,178,884	(21,679,707)	
1253	Union Square/Market Street Station [UMS]	169,126,743	30,539,634	199,666,377	28,711,802	5,073,934	33,785,736	233,452,113	192,204,716	17,735,995	209,940,711	19,577,780	1,806,571	21,384,351	231,325,062	(2,127,051)	
1254	China Town Station [CTS]	142,620,024	25,326,071	167,946,095	24,211,888	4,206,192	28,418,080	196,364,175	214,062,489	23,518,380	237,580,869	21,804,191	2,395,559	24,199,750	261,780,618	65,416,443	
1255	Moscone Station [MOS]	86,073,426	15,994,552	102,067,978	14,612,255	2,659,014	17,271,269	119,339,247	119,836,725	10,176,233	130,012,958	12,206,449	1,036,541	13,242,990	143,255,948	23,916,701	
1256	Surface Trackwork & Systems	95,630,320	19,562,291	115,192,611	11,786,427	2,411,050	14,197,477	129,390,089	133,263,169	13,593,107	146,856,276	12,318,504	1,256,512	13,575,016	160,431,292	31,041,203	
	OTHERS	-															
	Department of Technology Utility Rel 1 & 2														0	0	
	Public Art Program	8,078,967	2,279,652	10,358,619	-			10,358,619	7,885,460		7,885,460	1,160,000		1,160,000	9,045,460	(1,313,159)	
	Fare Collection Equipment	2,101,858	508,223	2,610,081	210,186	50,822	261,008	2,871,089	2,400,000		2,400,000				2,400,000	(471,089)	
	Job Order Contracts [JOB's]								53,317		53,317				53,317	53,317	
	Additional Insurance Coverage								4,756,458	403,906	5,160,364	427,315	31,212	458,527	5,618,891	5,618,891	
	Public Agencies - Utility Coordination								1,279,299		1,279,299				1,279,299	1,279,299	
	Utility Fee Connection	7,500,000	698,007	8,198,007				8,198,007	1,432,173	140,006	1,572,179				1,572,179	(6,625,828)	
	Private Utility Credit Form B								(15,041,835)		(15,041,835)				(15,041,835)	(15,041,835)	
	Traction Power & Relocate Water Line								258,202		258,202				258,202	258,202	
	Temporary License Agreement								487,972		487,972				487,972	487,972	
	Communication Connection Cost	-							5,757,629		5,757,629				5,757,629	5,757,629	
60	ROW, LAND, EXISTING IMPROVEMENTS	23,420,000	327,333	23,747,333	10,136,000	141,667	10,277,667	34,025,000	36,380,458	0	36,380,458	1,017,571	0	1,017,571	37,398,029	3,373,029	
60.01	Purchase or lease of Real Estate	18,569,000	259,532	18,828,532	9,284,000	129,759	9,413,759	28,242,291	32,780,458		32,780,458	915,814		915,814	33,696,272	5,453,981	
60.02	Relocation of Existing Households	4,851,000	67,801	4,918,801	852,000	11,908	863,908	5,782,709	3,600,000		3,600,000	101,757		101,757	3,701,757	(2,080,952)	
70	VEHICLES	18,000,000	7,726,294	25,726,294	1,700,000	729,706	2,429,706	28,156,000	18,000,000	6,108,712	24,108,712	1,800,000	576,941	2,376,941	26,485,653	(1,670,347)	
70.01	Light Rail	16,000,000	6,867,817	22,867,817	1,600,000	686,782	2,286,782	25,154,599	16,000,000	5,429,966	21,429,966	1,600,000	542,997	2,142,997	23,572,963	(1,581,636)	
70.07	Spare parts	2,000,000	858,477	2,858,477	100,000	42,924	142,924	3,001,401	2,000,000	678,746	2,678,746	200,000	33,944	233,944	2,912,690	(88,711)	
80	PROFESSIONAL SERVICES	298,873,000	21,224,000	320,097,000	0	0	0	320,097,000	335,730,887	0	335,730,887	23,971,144	0	23,971,144	359,702,031	39,605,031	
80.01	Preliminary Engineering	39,634,000	2,814,547	42,448,547	-			42,448,547	46,220,113		46,220,113				46,220,113	3,771,566	
80.02	Final Design	38,400,000	2,726,916	41,126,916	-			41,126,916	75,300,644		75,300,644	7,547,320		7,547,320	82,847,964	41,721,048	
80.03	Project Management for Design & Construction	145,000,000	10,296,949	155,296,949	-			155,296,949	177,004,099		177,004,099	13,905,845		13,905,845	190,909,944	35,612,995	
80.04	Construction Administration & Management	38,000,000	2,698,511	40,698,511	-			40,698,511	16,860,602		16,860,602				16,860,602	(23,837,909)	
80.05	Insurances	-	-	-	-			-	6,800,000		6,800,000				6,800,000	6,800,000	
80.06	Legal: Permits, Review Fees by other	8,409,000	597,152	9,006,152	-			9,006,152	6,179,764		6,179,764	1,159,557		1,159,557	7,339,321	(1,666,831)	
80.07	Surveys, Testing, Investigation, Inspection	12,613,000	895,693	13,508,693	-			13,508,693	323,758		323,758				323,758	(13,184,935)	
80.08	Start-up	16,817,000	1,194,233	18,011,233	-			18,011,233	7,041,907		7,041,907	1,358,422		1,358,422	8,400,329	(9,610,904)	
	SUB-TOTAL CATEGORIES 10 TO 80	1,063,101,609	153,117,619	1,216,219,228	128,220,708	20,116,594	148,337,302	1,364,556,530	1,322,373,887	71,676,340	1,394,050,227	110,003,067	7,103,334	117,106,402	1,511,156,628	146,600,098	
90	UNALLOCATED CONTINGENCIES							213,743,470							67,143,372	(146,600,098)	
100	FINANCE CHARGES																
	TOTAL PROJECT COST 10 TO 100							1,578,300,000							1,578,300,000	0	

CENTRAL SUBWAY PROJECT, SAN FRANCISCO, CALIFORNIA

WORK PACKAGE MAIN WORKSHEET

PMOC CAPITAL COST ESTIMATE UPDATE REPORT FOR MARCH 2013

SCC OR CP	CATEGORY ITEM	ENTRY INTO FINAL DESIGN ESTIMATE 8/11/09				UPDATED PROJECT COST MARCH 2013						DIFFERENCE
		Base in SMTA Main Worksheet (2009)	Allocated Contingency in Main Worksheet (2009)	Base + Allocated Cont in SMTA Main Worksheet (2009)	Allocated Contingency Percentage	Original Bid or Estimate Amount	Authorized Change Orders	Contract Amount + Authorized Change Order or Est Amount	Allocated Contingency in Main Worksheet	Base + Allocated Cont in Main Worksheet	Allocated Contingency Percentage	
10-50	CONSTRUCTION CONTRACT PACKAGES	722,808,609	116,384,708	839,193,317	16.10%	928,326,278	3,936,264	932,262,542	83,214,352	1,015,476,894	8.96%	175,537,403
1250	Utility Relocation Package #1	5,223,696	3,044,739	8,268,435	58.29%	9,273,939	2,694,211	11,968,150		11,968,150	0.00%	3,699,715
1251	Utility Relocation Package #2	3,196,365	2,666,623	5,862,988	83.43%	16,832,550	3,962,032	20,794,582	1,405,265	22,199,847	8.35%	16,336,859
1252	Guideway Tunnel	203,257,210	31,140,788	234,397,998	15.32%	233,584,015	(2,719,979)	230,864,036	14,314,848	245,178,884	6.13%	10,780,886
1253	Union Square/Market Street Station [UMS]	169,126,743	28,711,802	197,838,545	16.98%	192,204,716		192,204,716	19,577,780	211,782,496	10.19%	13,943,952
1254	China Town Station [CTS]	142,620,024	24,211,888	166,831,912	16.98%	214,062,489		214,062,489	21,804,191	235,866,680	10.19%	69,034,768
1255	Moscone Station [MOS]	86,073,426	14,612,255	100,685,681	16.98%	119,836,725		119,836,725	12,206,449	132,043,174	10.19%	31,357,493
1256	Surface Trackwork & Systems	95,630,320	11,786,427	107,416,747	12.32%	133,263,169		133,263,169	12,318,504	145,581,673	9.24%	38,164,926
	OTHERS											
	Department of Technology Utility Rel 1 & 2										10.00%	0
	Public Art Program	8,078,967		8,078,967	0.00%	7,885,460		7,885,460	1,160,000	9,045,460	10.00%	966,493
	Fare Collection Equipment	2,101,858	210,186	2,312,044	10.00%	2,400,000		2,400,000		2,400,000	0.00%	87,956
	Job Order Contracts [JOB's]					53,317		53,317		53,317	0.00%	53,317
	Additional Insurance Coverage					4,756,458		4,756,458	427,315	5,183,773	8.98%	5,183,773
	Public Agencies - Utility Coordination					1,279,299		1,279,299		1,279,299	0.00%	1,279,299
	Utility Fee Connection	7,500,000		7,500,000	0.00%	1,432,173		1,432,173		1,432,173	0.00%	(6,067,827)
	Private Utility Credit Form B					(15,041,835)		(15,041,835)		(15,041,835)	0.00%	(15,041,835)
	Misc. Construction Work					258,202		258,202		258,202		
	ATCS Central Control					487,972		487,972		487,972		
	Communication Connection Cost					5,757,629		5,757,629		5,757,629	0.00%	5,757,629
60	ROW, LAND, EXISTING IMPROVEMENTS	23,420,000	10,136,000	33,556,000	43.28%	36,380,458	0	36,380,458	1,017,571	37,398,029	2.80%	3,842,029
60.01	Purchase or lease of Real Estate	18,569,000	9,284,000	27,853,000	50.00%	32,780,458		32,780,458	915,814	33,696,272	2.00%	5,843,272
60.02	Relocation of Existing Households	4,851,000	852,000	5,703,000	17.56%	3,600,000		3,600,000	101,757	3,701,757	2.00%	(2,001,243)
70	VEHICLES	18,000,000	1,700,000	19,700,000	9.44%	18,000,000	0	18,000,000	1,800,000	19,800,000	10.00%	100,000
70.01	Light Rail	16,000,000	1,600,000	17,600,000	10.00%	16,000,000		16,000,000	1,600,000	17,600,000	10.00%	0
70.07	Spare parts	2,000,000	100,000	2,100,000	5.00%	2,000,000		2,000,000	200,000	2,200,000	10.00%	100,000
80	PROFESSIONAL SERVICES	298,873,000	0	298,873,000	0.00%	333,764,587	1,966,300	335,730,887	23,971,144	359,702,031	7.18%	60,829,031
80.01	Preliminary Engineering	39,634,000		39,634,000	0.00%	46,220,113		46,220,113		46,220,113	0.00%	6,586,113
80.02	Final Design	38,400,000		38,400,000	0.00%	73,334,344	1,966,300	75,300,644	7,547,320	82,847,964	10.29%	44,447,964
80.03	Project Management for Design & Construction	145,000,000		145,000,000	0.00%	177,004,099		177,004,099	13,905,845	190,909,944	7.86%	45,909,944
80.04	Construction Administration & Management	38,000,000		38,000,000	0.00%	16,860,602		16,860,602		16,860,602	0.00%	(21,139,398)
80.05	Insurances			-		6,800,000		6,800,000		6,800,000	0.00%	6,800,000
80.06	Legal: Permits. Review Fees by other agencies	8,409,000		8,409,000	0.00%	6,179,764		6,179,764	1,159,557	7,339,321	18.76%	(1,069,679)
80.07	Surveys, Testing, Investigation. Inspection	12,613,000		12,613,000	0.00%	323,758		323,758		323,758	20.00%	(12,289,242)
80.08	Start-up	16,817,000		16,817,000	0.00%	7,041,907		7,041,907	1,358,422	8,400,329	19.29%	(8,416,671)
	SUB-TOTAL CATEGORIES 10 TO 80	1,063,101,609	128,220,708	1,191,322,317	12.06%	1,316,471,323	5,902,564	1,322,373,887	110,003,067	1,432,376,954	8.36%	240,308,463
90	UNALLOCATED CONTINGENCIES			179,930,000						(61,124,637)		241,054,637
100	FINANCE CHARGES			-								
	TOTAL PROJECT COST 10 TO 100			1,371,252,317						1,371,252,317		