

Board of Directors FTA-Funded Capital Programs: Central Subway, Church & Duboce and Islais Creek

Presentation to

05 | 03 | 2011 | SAN FRANCISCO, CALIFORNIA



CENTRAL SUBWAY

John Funghi Program Director

SFMTA Board Meeting May 3, 2011

Construction Activities



Contract 1250 – Moscone & Portal Utility Relocation Update:

- Continued monitoring of archaeological midden sites (sea shells, bones and dark soil) on 4th Street between Howard and Bryant
- Continued PG&E and AT&T installation and cutovers
- Continued optional sewer work
- Continued joint trench installation between Howard and Clementina



Excavating for installation of gas line at 4th/Howard



Construction Activities (cont'd)

Contract 1250 – Moscone & Portal Utility Relocation Update:

- Construction Completion Data:
 - 95% of work completed to date
 - Current substantial completion forecasted for May 20, 2011
 - Contract modification #1 to #15 total of \$1,728,454.00, \$225,000 contingency remaining

Contract 1250 – Moscone & Portal Utility Relocation Forecast:

- Complete Joint Trench on 4th Street between Howard and Clementina
- Complete AT&T installation and cutovers
- Complete optional sewer work
- Complete PG&E service installation and cutovers
- Complete street and sidewalk restoration from Harrison to Bryant



Construction Activities (cont'd)

Contract 1251 – Union Square Market Street (UMS) Station Utility Relocation Update:

- Notice To Proceed given to Synergy Project Management on Jan 12, 2011
- Began sidewalk and basement demolition on eastside of Stockton between Geary and O'Farrell
- Began sewer installation on Geary and O'Farrell east and west of Stockton Street



Construction Barriers and Pedestrian Pathway at Macy's Men

Sub-Sidewalk Basement Demo on the East Side of Stockton between Geary Blvd and O'Farrell St.

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Contract 1251: Construction Photos



Continuation of Sewer Installation on Geary Blvd.

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3rd Party Coordination

BART Activity Update:

- Received BART Board approval on request to convene an independent Tunnel Crossing Committee and the finalization of BART Design/Construction Reimbursement Agreement on March 10, 2011
- Received SFMTA Board approval on BART Design/Construction Reimbursement Agreement on April 5, 2011

BART Activity Forecast:

 Ratify SFMTA/BART Design/Construction Reimbursement Agreement



Real Estate Acquisition

Real Estate Activity Update:

- Filed for Pre-Judgment Possession of all three Subsurface Easement Properties – March 15, 2011
- Continued negotiations for Temporary Construction Licenses for all three Subsurface Easement Properties
- Agreed to Purchase Price for Chinatown Station Site
- Continued residential and commercial tenant relocations at Chinatown Station Site
- Issued Residential Entitlement Letters March 23, 2011
- Continued negotiations for purchase of Moscone Station Site
- Filed for Temporary Access to Moscone Station Site for Environmental Site Assessment Testing



Real Estate Acquisition (cont'd)

Real Estate Activity Forecast:

- Approve and Execute Purchase and Sale Agreement for Chinatown Station Site – May 2011
- Gain possession of all 3 Subsurface Easements June 2011
- Continue relocation of tenants at Chinatown Station Site
- Continue negotiations for purchase of Moscone Station Site (MOS)
- Complete Environmental Site Assessment Phase Two June 2011







<u>Central Subway Financial Plan</u> <u>Updated Committed Sources</u>

Project Funding and E	Expenditures	% of Expenditure			
Fund Source	Committed *	Planned	Total	as of 12-31-10	by Source
Federal					
Sect. 5309-NS	72,415,484	869,784,516	942,200,000	50,672,798	5.4%
CMAQ *	41,025,000		41,025,000	10,596,439	25.8%
Federal Subtotal	113,440,484	869,784,516	983,225,000	61,269,237	6.2%
<u>State</u>	-		0		
TCRP	14,000,000		14,000,000	9,000,000	64.3%
State RIP	68,288,000		68,288,000	-	0.0%
Prop. 1B (I-Bond) SLPP**	19,722,000		19,722,000	-	0.0%
Prop. 1B (I-Bond) PTIMSEA	308,000,000		308,000,000	16,685,095	5.4%
Prop. 1A (HSR-Bond)	61,090,000		61,090,000	-	0.0%
State Subtotal	471,092,000		471,100,000	25,685,095	5.5%
<u>Local</u>	-		-		
Prop. K	123,975,000		123,975,000	10,514,570	8.5%
Local Subtotal	123,975,000		123,975,000	10,514,570	0
Project Total	708,507,484	869,784,516	1,578,300,000	97,468,902	6.2%

Changes now pending from the previous Quarterly Fund Summary are shown in the above:

* MTC-led swap is underway to increase near term CMAQ regional funds by \$17.5M for Prop. 1B PTMISEA funds.

** SFCTA-led swap is underway to substitute nearer term Prop. 1B SLPP funds of \$19.7M for longer term State RIP funds.



Contracting Actions

Owner Controlled Insurance Program (OCIP) Brokerage – CS-163/CS-163 Task 2R1:

- Proposals Due Date
- Written Proposal Evaluation
- Oral Proposal Evaluation
- SFMTA Board Contract Approval
- Board of Supervisor Contract Approval
- Notice to Proceed

Project Control Consultant (PCC) – CS-156

- Notice to Proceed
- Mobilization and Transition
- Fully Mobilized/Implementation

February 28, 2011 March 22, 2011 April 19, 2011 May 17, 2011 May 31, 2011 June 10, 2011

January 27, 2011 February/March 2011

April 2011



Final Design Activities

Contract 1252 – Tunnel Activity Update:

- Safety & Security Checklist Sign-Off
- Art Commission Civic Design Approval January 11, 2011
- Bid Advertisement February 28, 2011
- Pre-Bid Meeting March 28, 2011

Contract 1252 – Tunnel Activity Forecast:

- Addendum Lowering Chinatown Station April 25, 2011
- Bid Opening May 24, 2011
- SFMTA Board Action July 5, 2011

Fire Modeling Design Activity Update:

• Updated Report distributed for comments

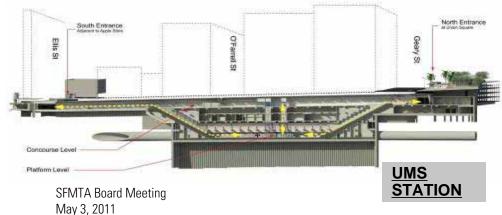


Final Design Activities (cont'd)

- Contracts 1253, 1254, 1255 Stations Update:
 - SF Recreation and Park Department approval of UMS North Entrance; Coordinated with Mayor's Office of Disability
 - Interim Submittal Lowered Chinatown Station – March 1, 2011
 - Revised Cost Estimate Lowered Chinatown Station – April 5, 2011
 - Art Commission Phase 2 Approval for MOS Station – March 21, 2011



MOS STATION ENTRANCE







Final Design Activities (cont'd)

Contracts 1253, 1254, 1255 – Stations Forecast:

- Advance design toward 90% Submittal
- Art Commission Phase II Design Review CTS April 18, 2011 and UMS May 16, 2011

Contracts 1256 – Systems Update:

- 65% Design Submittal March 1, 2011
- Subway Environmental System (SES) and Computational Fluid Dynamic (CFD) System Analysis Validation

Contracts 1256 – Systems Forecast:

- 90% Design in progress
- Support for Safety and Security Certification for Stations and Systems

central cubway

<u>Central Subway</u>

Project Staffing

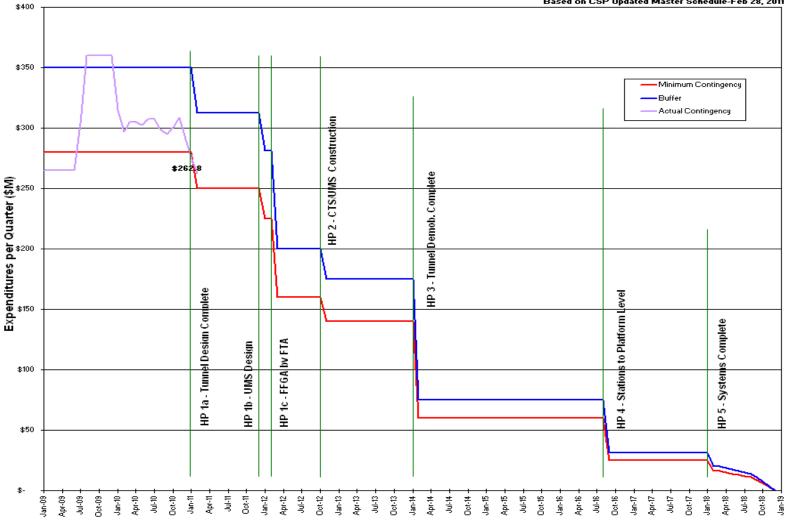
FTEs December 2010 - February 2011

		December 2010 FTEs		January 2011 FTEs		Feb FTEs
Locations		Planned*	Actual	Planned*	Actual	Forecast
Droio	ct Office (821 Howard Street)					
FIOJe	SFMTA (Admin/PM)	5.0	5.4	5.0	5.0	5.0
		19.0	21.6	19.0	21.0	20.0
	PMCM (CS149)					
	PCC (CS 156)	0.0	0.0	0.0	0.0	2.5
	DPW (CM)	4.0	3.3	4.0	4.0	4.0
	Subtotals:	28.0	30.3	28.0	30.0	31.5
Desig	<i>n Office</i> (651 Brannan Street)					
Ŭ	SFMTA (PM/Design)	4.0	5.0	4.0	5.0	5.0
	PMCM (CS149)	4.0	6.8	4.0	6.0	6.0
	PBT (CS155-1)	7.0	11.3	7.0	17.0	17.0
	CSDG (CS155-2)	74.0	50.0	74.0	36.6	40.6
	HNTB-B&C (CS155-3)	17.0	14.0	17.0	17.1	17.1
	Subtotals:	106.0	87.1	106.0	81.6	85.6
Other	,					
0 (110)	SFMTA (R.E., Contracts, Admin)	1.0	2.1	1.0	2.0	2.0
	SFMTA + DPT (Design)	4.5	5.3	4.5	5.0	5.0
	City/County of San Francisco	0.5	0.5	0.5	0.5	0.5
	PMCM	4.0	8.5	4.0	8.5	8.4
	DPW (Design)	7.0	4.4	7.0	6.4	6.4
	PBT (CS155-1)	0.0	2.1	0.0	1.3	1.3
	CSDG (CS155-2)	5.0	10.0	5.0	6.5	9.5
	HNTB-B&C (CS155-3)	0.0	0.0	0.0	0.0	0.0
	Subtotals:	22.0	32.8	22.0	30.2	33.1
	Totals	156.0	150.2	156.0	141.8	150.2
	Totals	100.0	150.2	156.0	141.0	130.2



Cost Contingency Drawdown

CENTRAL SUBWAY PROJECT Cost Contingency Drawdown

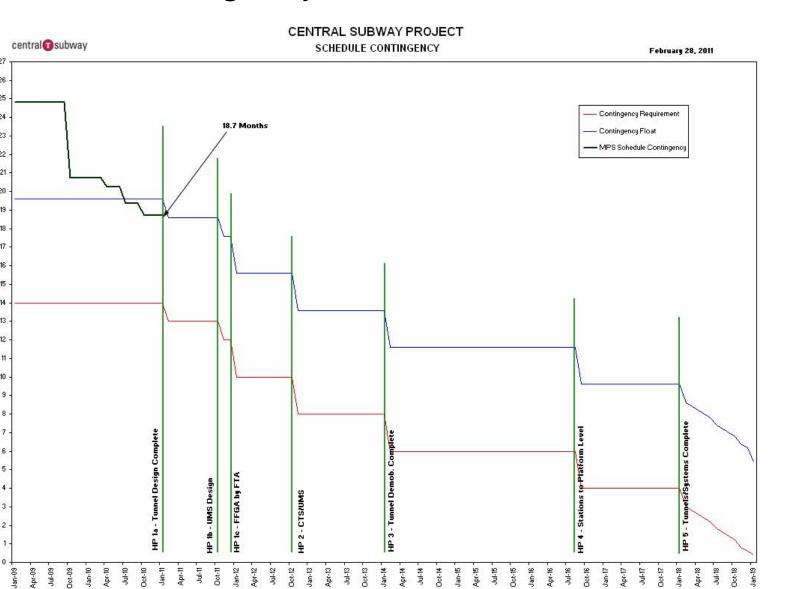


Based on CSP Updated Master Schedule-Feb 28, 2011

SFMTA Board Meeting May 3, 2011

Schedule Contingency

Schedule Float (Months)



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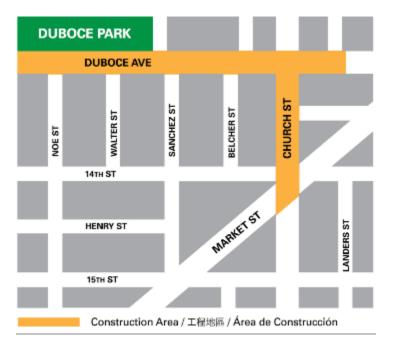
CHURCH & DUBOCE PROJECT OVERVIEW

Yingming Gu Project Manager



PROJECT LIMITS AND SCOPE

- Rail replacement with direct fixation
- Track switch control system upgrades
- Overhead contact system replacement
- Boarding Island improvements
- Sidewalk extensions and improvements
- Street lighting improvement
- Street paving and curb ramp upgrades
- Water and sewer improvements





COLLABORATIONS

- SFMTA Sustainable Streets Division
- San Francisco Planning Department
- San Francisco Department of Public Works (DPW)
- San Francisco Public Utilities Commission (SFPUC)
- San Francisco Arts Commission (SFAC)
- Community Groups: Duboce Triangle Neighborhood Association (DTNA), Castro/Upper Market Community Benefit District (CBD) and The WIGG Party





EXISTING

PROPOSED

SFMTA Board Meeting May 3, 2011

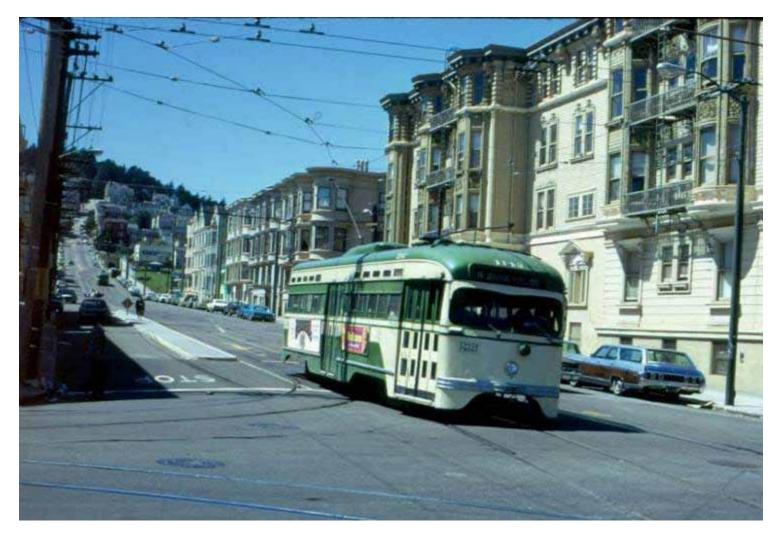
Sidewalk Extension at Duboce/Sanchez/Steiner



Rendering provided by RHAA

Church and Duboce Transformation

Historical Photo in the 70's





SFMTA Board Meeting May 3, 2011





FTA Section 5309	\$22,920,000
Prop K Sales Tax	\$5,430,000
AB664 Bridge Toll	\$300,000
Rail Program Subtotal	\$28,650,000
Local Prop K - Pedestrian Program Bulbouts at Duboce/Sanchez/Steiner	\$220,000
SFPUC - Power Enterprise Revenue street lighting	\$500,000
DPW – Prop 1B State Transportation Bond street paving & curb ramp upgrades	\$700,000
SFPUC – <i>water</i>	\$1,100,000
SFPUC – <i>sewer</i>	\$900,000
Total	\$32,070,000



PROJECT SCHEDULE

Completed Detail Design: March 2010

Advertised Contract: November 2010

Awarded Contract:

Notice to Proceed:

Construction:

February 1, 2011

March 28, 2011

May 2011 – March 2013

ISLAIS CREEK MOTORCOACH FACILITY

Peter Gabancho Senior Project Manager

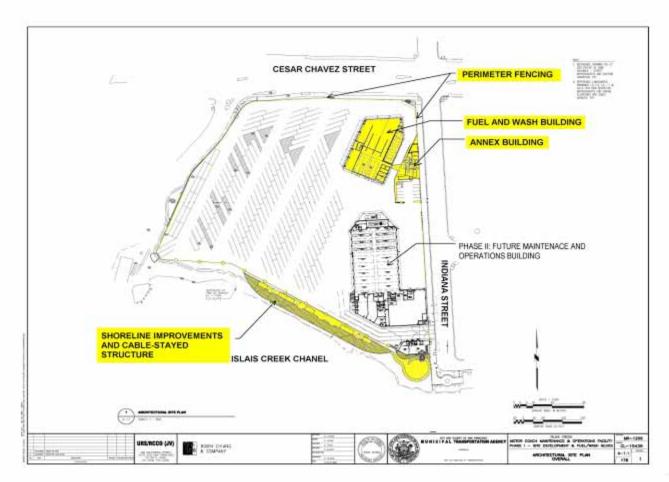
SFMTA Board Meeting May 3, 2011 <u>1301 Cesar</u> <u>Chavez</u> <u>Future Islais</u> <u>Creek Facility</u>



Scope of Work Phase I - Site Development and Fuel/Wash Buildings

- Construct new motor coach yard at 1301 Cesar Chavez Street on 5.32 acres of City-owned land and 2.4 acres of Caltrans property that will be leased or purchased
- Plans include parking for 165 of the SFMTA's 40-foot motor coaches and a fueling and wash facility
- Islais Creek edge treatment will reflect the historical industrial and port uses along the Bay

ISLAIS CREEK MOTOR COACH MAINTENANCE AND OPERATIONS FACILITY PHASE I CONSTRUCTION



Progress Phase I - Site Development and Fuel/Wash Buildings

- The project was advertised and 5 bids were received on October 14, 2010
- The construction contract was awarded to S. J. Amoroso Construction Co., Inc. for an amount of \$24,977,000
- Notice to Proceed was issued on February 28, 2011

Next Steps Phase I - Site Development and Fuel/Wash Buildings

- Continue community outreach
- Establish Transit Operations' needs for services performed at Kirkland not supported by Phase I construction
- Ensure that those needs can be met at other existing SFMTA facilities
- Complete construction
- Relocate vehicles and operations from Kirkland to Islais Creek

Schedule for Phase I - Site Development and Fuel/Wash Buildings

<u>Activity</u>

Issue Construction Contract

- Advertise Re-Bid Package
- Open Bids
- Award Contract
- NTP
- Substantial Completion
- Begin Regular Operations

Date – Projected

September 2010 October 2010 December 2010 February 2011 June 2012 August 2012

Budget Phase I - Site Development and Fuel/Wash Buildings

Project Budget	\$ 48,469,512		
Design Costs*			
 Consultant Services 	\$ 2.27 million		
Staff & City	\$ 5.15 million		
Acquisition of Land, R/W, and			
Permits - I (Completed)			
 PUC Land Transfer 	\$ 0.65 million		
 Other Land, R/W, and Permits 	\$ 7.09 million		
Contract Cost	\$24.98 million		
Const. Management & Support	\$ 4.30 million		
Land Purchase & Long Term Lease**	<u>\$ 4.0 million (place holder)</u>		
Total	\$ 48.44 million		

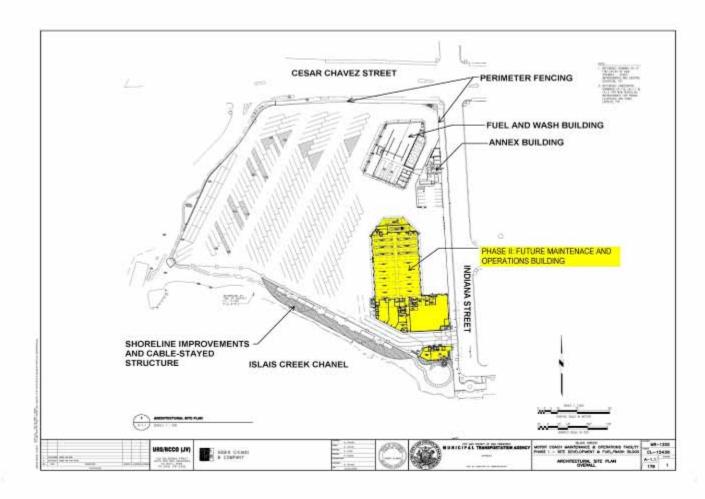
Note* - Design Costs includes partial design of Phase II

Note** - Outstanding land purchase and lease are for the Caltrans parcels to be used in Phase I

Scope of Work Phase II – Maintenance and Operations Facility

- Construct new 65,000 square foot motor coach maintenance and operations facility at 1301 Cesar Chavez Street
- Plans include light and heavy maintenance bays, ware house space, operations and maintenance offices, showers, gillie room, locker rooms, and training space

ISLAIS CREEK MOTOR COACH MAINTENANCE AND OPERATIONS FACILITY PHASE II CONSTRUCTION



Progress Phase II - Maintenance and Operations Facility

- Secured \$35 million in Federal State of Good Repair Funding for Phase II
- Excess Local Match from Phase I will be used to match the State of Good Repair Funds

Next Steps Phase II - Maintenance and Operations Facility

- Assess the extent of modification needed to the existing design
 - Evaluate the technological and operational needs of Operations and Maintenance based on current and future motor coach purchases
 - Evaluate the design based on changes to the Building Code
- Complete design of Maintenance and Operations Facility
- Construct the new building

Schedule for Phase II - Maintenance and Operations Facility

<u>Activity</u>

Issue Construction Contract

- Receive State of Good Repair Funds
- Begin completion of design
- Complete design
- Advertise Bid Package
- Open Bids
- Award Contract
- NTP
- Substantial Completion

June 2011 June 2011 December 2012 March 2013 May 2013 August 2013 September 2013 March 2015

Date – Projected

Grant Funding Plan and Budget Phase II -Maintenance and Operations Facility

Project Budget State of Good Repair Funds*

\$35,000,000

Design Costs Contract Cost <u>Const. Management & Support</u> Total \$ 3.0 million
\$28.0 million
<u>\$ 4.0 million</u> **\$35.0 million**

Note* - Local Match Provided by Phase I of the Islais Creek Project