

**SFMTA** Municipal Transportation Agency

# GREEN LIGHT RAIL CENTER TRACK REPLACEMENT

11 | 17 | 2014 SAN FRANCISCO, CALIFORNIA



### **Transit Boarding Area Circulation**





### **Project Location**





# **Scope of Work**

- ➢Replace worn tracks and switches at the north and south ladder tracks and some revenue tracks near the Facility
- Modifications to the overhead contact systems and track switch control system
- Repair and improve the Facility's storm water drainage system
- ≻Provide new pavement for the Yard
- Improvements in the Cameron Beach Yard for temporary storage of the Light Rail Vehicles during construction inside Green Yard
- Construct a new key stop with accessible path of travel, curb ramps, and boarding island along San Jose Avenue



# **Contract Strategy**

- Two Phase Notice to Proceed (NTP)
- NTP for Phase I was issued on January 15, 2013 Work includes:
  - ➤Construction of the new Muni Metro key stop on San Jose Avenue and the associated ADA work
  - Trackwork at the northeast side of the maintenance building & modifications at the Cameron Beach Yard to accommodate storage of the Light Rail Vehicles during construction in the Green Yard
- NTP for Phase II will be issued at the beginning of the 4<sup>th</sup> year during construction



## Muni Metro Key Stop on San Jose Avenue





#### Balboa Park Station Westside Connection – Phase 1 Balboa Park Station and Transfer Hub





# Balboa Park Station Eastside Connection – Phase 2

East Walkway towards Ocean Ave







# Balboa Park Station Eastside Connection – Phase 2





# Project Schedule & Timeline

Activity ID	Activity Name	Start	Finish		2013		2013			2014		2015			2016		2017			2018	
				Q	Q2	Q3 Q4	4 Q′	I Q2 Q	3 Q4	Q1 Q2	Q3 (	Q4 Q1	1 Q2	Q3 Q4	Q1	Q2 Q	3 Q4	Q1 Q2	Q3 Q4		
🛅 Project: Green Center Rail Replacement		01-Nov-09 00:00 A	05-Dec-17 17:00		_																
🗄 🧧 WBS: Detail Design		01-Nov-09 00:00 A	04-Feb-13 17:00 A																		
🖃 📲 WBS: Construction		09-Jan-13 08:00 A	05-Dec-17 17:00		_		_					_									
😑 🧧 WBS: Construction Milestones		09-Jan-13 08:00 A	05-Dec-17 17:00		_		-					_									
♦ 6811-3000	CP - Start Construction Phase	09-Jan-13 08:00 A	09-Jan-13 08:00 A	<b></b>	CP - S	tart Const	tructio	on Phase													
♦ 6811-3001	CP - Notice to Proceed	15-Jan-13 08:00 A	15-Jan-13 08:00 A	4	CP - 1	lotice to F	Procee	d													
♦ 6811-3002	CP - Substantial Completion	13-Jan-17 17:00	13-Jan-17 17:00												∳-p	P - Subs	tantial (	ompletio	n		
♦ 6811-3003	CP - Start Contract Close Out	16-Jan-17 08:00	16-Jan-17 08:00											Ļ		P - Start	Contra	ct Close C	)ut		
♦ 6811-3013	CP - Finish Contract Close out	19-May-17 17:00	19-May-17 17:00													<b>♦_</b> [1]	P - Finis	h Contrac	t Close out		



# **Project Budget Overview**

Phase	Budget							
Conceptual Engineering	\$2,463,000							
Detailed Design	\$3,882,000							
Construction	\$40,270,000							
Total Project Budget	\$46,615,000							