



Information Item

Date: April 9, 2014

To: Mayor and City Council
From: Martin Pastucha, Director of Public Works
Subject: Construction of the Bus Shelters Improvement Project (BSIP)

Introduction

This information item provides an update of the construction of the Bus Shelter Redevelopment Program, including scheduling approach and project name change.

Background

The Bus Shelters Improvement Project consists of constructing approximately 313 bus shelters custom designed for the City of Santa Monica. The Bus Shelters Improvement Project will incorporate photovoltaic and custom design elements to increase sustainable and aesthetic functionality. The improvements will comply with all current City codes and standards, including but not limited to the Americans with Disabilities Act and Guidelines (ADA&G) and the Santa Monica Municipal Code. The project will be constructed using sustainable building practices or materials. Materials will be easy to maintain in a coastal environment, highly durable and graffiti, weather and vandal resistant. On [June 25, 2013](#), Council authorized a contract with West Valley Investment Group for construction of the Big Blue Bus shelter redevelopment program.

Project Phases

This project will be completed in two phases as available funding is not sufficient to cover the entire project scope as bid. For the first phase, staff eliminated certain bus stop installations and extended network signs to reduce the scope to within the existing budget. Project locations to be eliminated include 1,244 extended network signs outside Santa Monica, ten shelters on Colorado Boulevard along the Expo Light Rail route and bus shelters potentially eligible for funding as part of a development agreement. Staff

anticipates completing 303 of the 313 planned bus shelters and none of the 1,244 planned extended network signs outside the City. Phased construction and reduction of scope was included in the project timeline section of the June 25, 2013 staff report.

Public Outreach

Public outreach for the construction portion of this project will be conducted by staff from the Big Blue Bus Government and Community Relations as well as the general contractor and construction manager. Public outreach activities include notifications to riders posted at each shelter, notifications distributed to adjacent properties and the surrounding community describing potential impacts, nearest boarding location during the closure and schedule as well as standard updates on the City's "Know Before You Go" (a.k.a. KBUG) and "Be Excited! Be Prepared!" websites. Notifications will be posted a minimum of 10 days before any work starts at each location.

Discussion

Phase I - Construction Schedule

Shop drawings and a fully functioning mockup were developed and approved. Photos of the mock ups are attached (attachment A). The contractor began manufacturing the approved product in preparation for installation which began on March 31, 2014. Construction of Phase 1 shelters will be completed in small groups of shelters in order to minimize disruption and inconvenience to the community. The first group of shelters (group A) will be installed at the following Santa Monica locations, in Ocean Park: 2807 Lincoln, 2800 Lincoln, 2310 Main St., 2826 Main St., 2403 Main St., 3016 Main St. and 3101 Main St. Subsequent groups will be finalized based on installation progress.

Staff tentatively divided the bus shelters into 34 groups for installation. In order to optimize scheduling, installation will continue in new locations while concrete cures. Staff anticipates an overlap of two weeks, resulting in the installation of two groups every six weeks. A sample schedule is as follows:

	Week							
Group	1	2	3	4	5	6	7	8
A								
B								
C								

Each group/shelter is expected to take four weeks to complete. Groups are developed to avoid simultaneous closure of consecutive stops.

Anticipated Timeline and Next Steps

Based on current installation estimates, Phase 1 construction is anticipated to be complete in October 2015 (20 months). Staff will continue to work closely with the contractor to gather data and offer improvements during the first group installations. At this time, staff will update the overall project schedule. An updated schedule of Phase 1 is anticipated at the end of group F (July 1014) and will be provided to Council in a future Information Item.

Phase 2

Installations removed from this contract (extended network signs outside Santa Monica and shelters along the Expo Light Rail route) are currently being considered for reintegration into the current contract. BBB has identified funding for roughly 700 extended network signs in a revised design configuration. Pending pricing from the general contractor, staff will return to Council with a staff report requesting authorization to increase the budget authority for the project. After receiving Council authorization, staff will execute a change order for this scope of work.

Prepared By: Alex Parry, Senior Architect, Architecture Services.

Attachment A: Mock Up Photos

Big Blue Bus- Bus Shelter Improvement Project
Information Item Attachment A
Shelter mock-up on Big Blue Bus yard



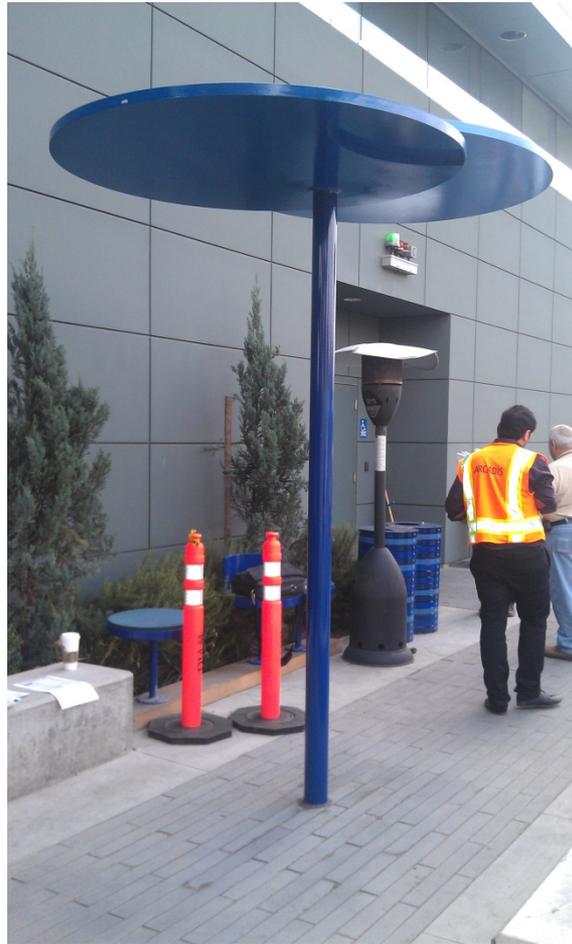
Big Blue Bus- Bus Shelter Improvement Project
Information Item Attachment A
Shelter mock-up on Big Blue Bus yard
Sign Unit 1- at high and medium Volume Stops



Big Blue Bus- Bus Shelter Improvement Project
Information Item Attachment A
Shelter mock-up on Big Blue Bus yard
Sign Unit 2- at low volume stops



Big Blue Bus- Bus Shelter Improvement Project
Information Item Attachment A
Shelter mock-up on Big Blue Bus yard
Pole Unit- at high and medium volume stops



Big Blue Bus- Bus Shelter Improvement Project
Information Item Attachment A
Shelter mock-up on Big Blue Bus yard
trash cans



Big Blue Bus- Bus Shelter Improvement Project
Information Item Attachment A
Shelter mock-up on Big Blue Bus yard
seating



Big Blue Bus- Bus Shelter Improvement Project
Information Item Attachment A
Shelter mock-up on Big Blue Bus yard
shelter luminaires glowing after dark.



Big Blue Bus- Bus Shelter Improvement Project
Information Item Attachment A
Shelter mock-up on Big Blue Bus yard

