



June 26, 2015

To: Executive Board

Subject: **Azusa Intermodal Transportation Facility Project Update**

**Recommendation**

Receive and file the Azusa Intermodal Transportation Facility Project Status Update.

**Analysis**

The Azusa Intermodal Transportation Facility will be a four-level above grade parking structure with 547 parking spaces to be located at 801 North Alameda Avenue in the City of Azusa. The project will serve new and existing Foothill Transit patrons, Metro Gold Line and the City of Azusa. The parking spaces will be allocated as follows: 202 spaces for Foothill Transit, 200 spaces for Metro Gold Line and 145 spaces for the City of Azusa. In addition, underground infrastructure for two electric bus charging stations will be constructed at this facility.

On September 26, 2014, the Foothill Transit Executive Board authorized award of a construction contract to Klorman Construction in the amount of \$9,221,000. This figure was below the engineer’s estimate of \$10,699,191.

Project Budget:

Funding obligation - Foothill Transit	\$5,775,000
Funding obligation - City of Azusa	\$7,475,000
<b>Total Budget</b>	<b>\$13,250,000</b>

<b>Project Funding</b>		<b>\$13,250,000</b>
<b>Project Costs:</b>		
Phase 1 - Environmental		
Environmental	\$246,177	
Architectural	\$334,030	
Phase 2- Construction		
Geotechnical/Architectural/Engineering	\$1,079,144	
Construction permits	\$900	
Construction-Parking Structure <sup>(1)</sup>	\$10,143,100	
Construction- Utility Relocation	\$414,811	
Federal Compliance Monitoring	\$38,000	



Materials Testing & Special Inspection	\$183,101	
Misc (legal, property title)	\$44,897	
<b>Total Project Cost</b>		<b>\$12,484,160</b>
<b>Variance</b>		<b>\$765,840</b>

(1) Assumed 10 percent additional cost to base construction contract. See below for actuals.

Project Highlights:

Contractor began demolition of the existing structure on January 5, 2015. Due to some unforeseen conditions at the beginning of the project, work was delayed by three months from the project kick-off meeting in October 2014. In order to begin construction, a demolition permit by the City of Azusa was required. Hence, a notification to SCAQMD was submitted which resulted in performing an asbestos survey then followed by an asbestos abatement. Once asbestos was cleared, the demolition permit was issued by the City on 12/24/14 and demolition began on 1/5/15.

Since January, existing telephone, water, overhead power lines, and sewer lines had to be relocated prior to the start of site clearance and excavation. Verizon completed their utility relocation on 3/25/15. Shortly thereafter the preparation for the overexcavation for the building pad and foundation commenced.

Project Milestones:

- Over-excavation for building foundation complete 4/13/15.
- First concrete pour for building foundation complete 5/5/15.
- First level columns and shear wall concrete pour complete 5/29/15.

Future Milestones:

- First level slab on grade to be complete 6/19/15.
- All underground utilities, including water complete late June.
- Second level elevated deck complete 7/21/15.
- Second level columns and shear walls complete 7/23/15.
- Third level elevated deck complete 8/12/15.
- Third level columns and shear walls complete 8/17/15.
- Top level elevated deck complete 9/15/15.
- Top level columns and shear walls complete 9/23/15.
- Elevator complete October 2015.
- Substantial completion anticipated by 12/17/15.



Construction Change Orders:

The total change orders to date are \$184,855 or 2 percent of the original bid of \$9,221,000. Below is a summary of the change orders:

Title	PCO Dated	Status	Agreed CO Amount (\$)	Reason
Asbestos Survey	7-Nov-14	approved	\$2,446	Required by City for Demo Permit
Asbestos Abatement	20-Nov-14	approved	\$7,230	Unforeseen Condition
Contract Amendment No. 1			\$9,676	
Gate Valve In Lieu of Butterfly	11-Dec-14	approved	\$10,975	City-directed change
Fabricated Trench Drain vs Zurn Trench Drain	16-Dec-15	approved	\$3,754	Not in Plans
Demo & Dispose Existing MH	13-Jan-15	approved	\$9,027	Unforeseen Condition
North Wall Debris Removal	27-Jan-15	approved	\$4,659	Owner request
Removal of Existing Water line at Alley	28-Jan-15	approved	\$9,315	Unforeseen condition
Remove/Reconstruct Curb at Alameda	28-Jan-15	approved	\$22,138	Additional scope
Contract Amendment No. 2			\$59,868	
New 8" waterline profile at bus lane	18-Mar-15	approved	\$18,670	Change in underground field conditions and City-directed change
Added Footing for Standard Light Poles	26-Mar-15	approved	\$12,152	City detail not available at time of bid
8" waterline Air Vacuum Assembly	27-Mar-15	approved	\$6,927	City-directed change
8" Connection at Existing 16"	30-Mar-15	approved	\$8,443	Unforeseen Condition
Two AVs on 16inch Water Line and One AV on 8inch Water Line	7-Apr-15	approved	\$21,633	Unforeseen Condition
North Wall Security Fence	10-Jun-15	approved	\$4,408	Unforeseen Condition
PCO 10R1 (COR 8) Cancelled to be reassigned	30-Apr-15	deductive credit	-\$22,138	New bus stop on Alameda required by FT



Metro conduit provisions for future Metro provided pay station equipment and car counter/signage.	3-Jun-15	approved	\$56,091	Metro Gold Line Request. Metro Gold Line Construction Authority to pay for additional scope. FT to invoice Construction Authority.
Additional surveying services for location of underground Verizon conduit	3-Jun-15	pending	\$9,125	Not in base contract.
Proposed Contract Amend No. 3			\$115,311	
<b>TOTAL CHANGE ORDER TO DATE</b>			\$184,855	
ORIGINAL BASE CONTRACT			\$9,221,000	
AMENDED CONTRACT AMOUNT			\$9,405,855	
			2.005%	

Possible Additional Change Orders:

1. Permanent restoration required on Azusa Ave. At time of bid, contractors were not provided any additional information on the pavement age of Azusa Ave. The City of Azusa Public Works standards indicates for excavations on moratorium streets (street paved within the last 5 years) a complete resurfacing of Azusa Avenue is required versus a simple restoration patch as noted on the Plans.
2. Requested time and general conditions due to delay of Verizon rework on underground conduit installation and differing site conditions at the beginning of the project.
3. Additional cost for installing underground conduit provisions for two new electric bus charging stations, a new bus stop on Alameda Ave. and cross walk to the parking structure.

Other Additional Project Costs:

1. Cost for power equipment and installation related to the electric bus charging stations. Contract will be required between the City of Azusa Light & Water division and Foothill Transit.



2. City of Azusa is requesting to add additional architectural elements to enhance the aesthetics of the parking structure. The City is working with the same artist designing the Metro Gold Line platform to develop a design.

Lastly, the Memorandum of Understanding will be revised with the Project Team to discuss the responsibilities and future maintenance of the parking structure.

**Budget Impact**

The approved Fiscal Year 2015-2016 Business Plan includes funding for the City of Azusa Park & Ride Project.

Sincerely,

  
Sharlane R. Bailey  
Director of Facilities

  
Doran J. Barnes  
Executive Director