



CAMINO REAL
REGIONAL MOBILITY
AUTHORITY

CRRMA BOARD PRESENTATION

El Paso Streetcar Construction Status Report

**Gilbert Gardner
August 9, 2017**

El Paso Streetcar Infrastructure Construction Status Report



AGENDA



- Progress Summary
- SBE Progress
- Construction Update
- PCC Vehicle Remanufacture
- Implementation and Operations Plan Development
- Community Involvement
- Construction Management
- Questions

Progress Summary



The Streetcar Project is on budget and on schedule.

Progress Summary (cont.)



- Work Breakdown

| | |
|------------------------------------|---------------|
| – Base Bid 1 – Civil Track MSF | \$ 47,343,228 |
| – Base Bid 2 – Waste Water Repl. | \$ 922,002 |
| – Base Bid 3 – Potable Water Repl. | \$ 3,188,349 |
| – Base Bid 4 – CBD4 | \$ 2,261,416 |
| – Change Orders | \$ 4,447,017 |

SBE Progress

- Project SBE Goal of 8% or \$5,287,707
- To date, PDNT has used 19 SBE subcontractors from the local community
- SBE subcontractors have completed \$6,653,797 worth of work to date



Construction Update

Maintenance & Storage Facility (MSF)

- The MSF is complete
- Currently working on punch list items, landscaping, and sidewalks
- Working on process to transfer to Sun Metro



Construction Update (cont.)

- All Traction Power Substations (TPSS) installed; A1 and A2 are waiting on power.
- 65% of all OSC Poles have been installed; all foundations in place
- The second wire run to be installed on Kansas Street this coming quarter



Construction Update (cont.)

- Track work continues along Stanton Street, Oregon Street, between Wyoming and Franklin.
- Embedded track construction is complete:
 - Kansas Street
 - Franklin Avenue
 - Father Rahm Avenue
 - Santa Fe Street
 - Glory Road and MSF/DTC



Construction Update (cont.)

- Final piece of rail to be placed soon – on Stanton Street
- Mesa Street rail work is complete and Mesa is now open to the public (ahead of schedule)



Construction Update (cont.)



- Work on Father Rahm Avenue and Kansas Street is approximately 90% complete
 - City to provide additional plans for pedestrian improvements
- Underground relocations (water, storm sewer and sanitary sewer work) are complete
- Flatwork continues along Stanton, Oregon, and MSF
- Final striping will begin in August
- Cincinnati Street Improvements to start August 9th

PCC Vehicle Remanufacture



- Contractor: Brookville Equipment Corporation (BEC)
- Notice to Proceed: October 15, 2015
- Contract value at award: \$ 18,794,265
 - Contract Amendments 1 & 2: \$ 266,976
 - Current contract value: \$ 19,061,241
 - Invoiced to date: \$ 8,811,430
- Work includes six vehicles, system support, training, and spare parts

PCC Vehicle Remanufacture (cont.)



- Six vehicles are at BEC for remanufacturing
 - Car bodies appear to be in very good condition
- Four vehicles are now in remanufacture process
- Vehicle #1: Car body repair/enhancements complete
- Vehicle #2: Car body repairs underway
- Vehicle #3: Grit blasting to start early August
- Vehicle #4: Process has just begun
- Design process nearing completion (August 2017)
- Delivery of vehicles for testing is scheduled between January 2018 and September 2018

PCC Vehicle Remanufacture (cont.)



- The designs for the integration of all major systems is complete, which includes:
 - Interior design
 - Wheelchair lift
 - HVAC
 - Brake system
 - Battery system
 - Pantograph
 - Door systems
 - Propulsion system

PCC Vehicle Remanufacture (cont.)



- Test program is currently being organized
- Numerous test procedures developed, under review, or in development
- Propulsion system test scheduled for August 2017
- Main tests at BEC to start Fall of 2017
- Tests in El Paso to start January 2018

PCC Vehicle Remanufacture (cont.)



PCC Vehicle #1

Implementation & Operations Plans Development



- Met with Sun Metro and First Transit representatives to expedite plan development
- Currently finalizing testing and startup plan
- Delivered presentation to Sun Metro on testing and startup schedule
 - Established objectives to obtain system safety certification
 - Sun Metro has begun hiring process for Safety Manager
 - Sun Metro developing operations, maintenance, and other plans

Community Involvement



- Held weekly stakeholder meetings (went bi-weekly beginning July 12, 2017)
- Bilingual door to door notifications in impacted areas
 - Stanton Street between Yandell and Cincinnati
 - Glory Road/Baltimore at Mesa between Oregon and Stanton Street
- Recent presentations to neighborhood/civic groups:
 - District 1 community meeting

Community Involvement (cont.)

- Public Relations team held public open house event to preview lane restrictions on Mesa at Glory Road/Baltimore
- Public Relations team also held media open house for Maintenance and Storage Facility



Community Involvement (cont.)

- Produced and posted videos online, explaining street closures and lane restrictions
- Project Hotline
 - (844) 252-RAIL (7245)
- Issued weekly E-newsletters and provided regular updates to Facebook and Instagram



Community Involvement (cont.)



Make Your Mark!

- Event commemorating the final rail to be placed
- Thursday, August 10 from 10:00am – 1:00pm
- 400 block of N. Stanton Street
- Public invited to sign the final piece of project rail



EL PASO STREETCAR

MAKE YOUR MARK!

We're inviting you to put your mark on the El Paso Streetcar Project!

**400 Block of North Stanton St.
Between 10am and 1pm
Thursday, August 10, 2017**

The Camino Real Regional Mobility Authority will have markers and paint pens handy so you can sign the very last piece of rail before its installed. This is a come-and-go event.

An illustration of a modern streetcar with a teal and white color scheme, positioned on tracks in an urban setting. In the background, there are stylized buildings and a prominent red mountain range under a grey sky with white clouds.

Construction Management



- Submittals
 - 531 received up to date
 - 530 are closed, 1 is being processed
- Request for Information (RFIs)
 - 402 received up to date
 - 398 are closed, 4 are being processed
- Quarterly Partnering Sessions with Contractor

Questions?



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