



CAMINO REAL
REGIONAL MOBILITY
AUTHORITY

CRRMA BOARD PRESENTATION

El Paso Streetcar Construction Status Report

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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.

- Infrastructure contract sum \$ 66,094,326
- Total completed to date \$ 51,443,004
- Percent completed to date 77.56%
- Work Breakdown
 - Base Bid 1 – Civil Track MSF \$ 41,009,953
 - Base Bid 2 – Waste Water Repl. \$ 922,002
 - Base Bid 3 – Potable Water Repl. \$ 3,150,550
 - Base Bid 4 – CBD4 \$ 2,261,416
 - Change Orders \$ 4,099,083

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 \$5,953,655 worth of work to date



Construction Update

Maintenance and Storage Facility (MSF)

- The MSF is nearly complete
- Currently working on punch list items
- Working on process for transferring the MSF to Sun Metro



Construction Update

- Traction Power Substation (TPSS) A3, A4, and S1 are installed, and are waiting on power
- TPSS A1 and A2 to be installed this quarter
- The first wire run to be installed on Oregon Street this week



Construction Update

- Track work continues along Stanton Street, Oregon Street, and Santa Fe Street.
- Embedded track construction is complete on
 - Kansas Street
 - Franklin Avenue
 - Father Rahm Avenue



Construction Update



- Stanton between Baltimore and Yandell will open to south bound traffic in mid-June
- Track work on Baltimore/Glory Road will begin June 19 with Mesa lane closures beginning in early July



Construction Update

MESA ST PHASE I



 Baltimore Drive: Closed between Stanton Street and Mesa Street
 Glory Road: Closures between Mesa Street and Oregon Street




   Mesa Street: Two lanes in each direction

Phase I work will begin on June 19.

Construction Update

MESA ST PHASE II



-  Baltimore Drive: Closed between Stanton Street and Mesa Street
-  Glory Road: Closures between Mesa Street and Oregon Street
-  Mesa Street: One lane in each direction

Phase II work will begin the week of July 5 (will last approx. 3 weeks).

Construction Update

MESA ST PHASE III



- Glory Road: Closures between Mesa Street and Oregon Street
- Baltimore Drive closed immediately west of Mesa
- Baltimore Drive open to local traffic only from Stanton Street.
- → → Mesa Street: One lane in each direction

Phase III work will begin after Phase II (will last approx. 4 weeks).

Construction Update



- Work on Father Rahm Avenue and Kansas Street is approximately 90% complete
 - CIP to provide additional planes for pedestrian improvements
- Underground relocations (water, storm sewer and sanitary sewer work) are approximately 99% complete
 - The final section of storm sewer work at El Paso and 4th has started
- Only 4 OCS foundations left to complete

PCC Vehicle Remanufacture



- Contractor: Brookville Equipment Corporation (BEC)
- Notice to Proceed: October 15, 2015
- Contract value at award: **\$18,794,265.00**
 - Contract Amendments 1 & 2: \$ 266,976.03
 - Current contract value: \$ 19,061,241.03
 - Invoiced to date: \$ 8,619,526.10
- Work includes six vehicles, system support, training, and spare parts

PCC Vehicle Remanufacture

- Six vehicles are at BEC for remanufacturing
 - Car bodies appear to be in very good condition
- Two vehicles currently in remanufacture process
- Vehicle #1: Car body repair and enhancement inspection scheduled for late June 2017
- Vehicle #2: Scheduled for grit blasting early June 2017
- Design process nearing completion (June 2017)
- Delivery of vehicles for testing is scheduled to be complete by July 2018

PCC Vehicle Remanufacture

- The designs for the integration of these items are progressing as planned
 - Interior elements of vehicle
- Items Completed
 - Wheelchair lift
 - HVAC
 - Brake system
 - Battery system
 - Pantograph
 - Door systems
 - Propulsion system

PCC Vehicle Remanufacture



- Test program is currently being organized
- Numerous test procedures developed, under review, or in development
- Propulsion system test scheduled for July 2017
- Main tests at BEC to start September 2017
- Tests in El Paso to start late 2017 when first vehicle is delivered.

PCC Vehicle Remanufacture



Implementation & Operations Plans Development



- Presentation has been developed for Sun Metro to identify startup and testing processes required to be completed by Sun Metro as well as a proposed schedule – Sun Metro to schedule a meeting soon
- Currently finalizing Testing and Startup Plan in coordination with Sun Metro
- Developed tasks and objectives for system safety certification by the State Safety Oversight

Community Involvement



- Held weekly stakeholder meetings
- Bilingual door to door notifications in impacted areas
 - Stanton Street between Yandell and Cincinnati
 - Yandell Drive between Santa Fe and Kansas
 - Wyoming Avenue between Santa Fe and Kansas
 - Fourth Avenue/Father Rahm area
- Recent presentations to neighborhood/civic groups:
 - Jolly Elders Group (Trinity-First United Methodist Church)

Community Involvement



- Public Relations team has coordinated extensively with the following major Downtown special events
 - Neon Desert Music Festival
 - Sun City Pride
- Public Relations team has coordinated direct stakeholder outreach regarding high-impact closures of I-10 overpasses and work on Mesa Street at Baltimore/Glory Road
- Open House scheduled for June 14 from 4:00-7:00 at the Don Haskins Center for rail work to cross Mesa

Community Involvement



- 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

Construction Management



- Submittals
 - 517 received up to date
 - 512 are closed, 5 are being processed
- Request for Information (RFIs)
 - 383 received up to date
 - 374 are closed, 9 are being processed
- Quarterly Partnering Sessions with Contractor

Questions?



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