



CAMINO REAL
REGIONAL MOBILITY
AUTHORITY

CRRMA BOARD PRESENTATION

El Paso Streetcar Construction Status Report

**Gilbert Gardner
February 14, 2018**

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



- Project is on budget and on schedule
- Original contract sum \$61,102,602
- Cost of change orders \$ 9,235,350
- Total contract sum \$70,337,952
- Total completed to date \$68,154,988

Progress Summary (cont.)



- Work Breakdown

— Base Bid 1 – Civil Track MSF	\$ 53,153,579
— Base Bid 2 – Waste Water Repl.	\$ 922,002
— Base Bid 3 – Potable Water Repl.	\$ 3,196,570
— Base Bid 4 – CBD4	\$ 2,421,546
— <u>Change Orders</u>	<u>\$ 8,461,292</u>
TOTAL (rounded)	\$ 68,154,989

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 \$7,509,373 worth of work to date



Construction Update

- MSF and Downtown Loop are essentially complete
 - Both will be ready for first vehicle
- Working on punch list items
- Cincinnati Street is nearly complete
 - Landscaping and striping
- Completing striping on Stanton Street and Oregon Street



Construction Update (cont.)

- All Traction Power Substations (TPSS) installed - A1 and A2 have power
- Procuring fences for TPSS
- 96% of all OCS Poles have been installed
- Installing OCS poles on uptown loop
- Installed median stop handrails



Construction Update (cont.)

- Track work & embedded track complete
- CBD-IV work complete
- Underground relocations (water, storm sewer and sanitary sewer work) complete
- All flatwork is complete
- Prepared to commission MSF and Downtown Loop to Sun Metro – pending Interlocal Agreement



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: \$9,973,310
- Work includes six vehicles, system support, training, and spare parts

PCC Vehicle Remanufacture



PCC Vehicle Remanufacture



PCC Vehicle Remanufacture

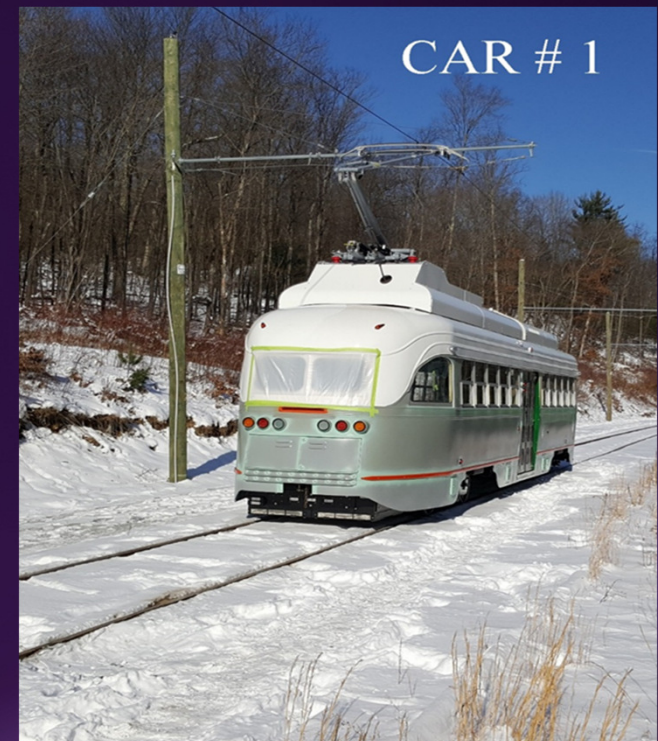


PCC Vehicle Remanufacture



PCC Vehicle Remanufacture (cont.)

- Six vehicles are at BEC for remanufacturing
- All six vehicles in remanufacture process
- Vehicle #1: testing for delivery
- Vehicle #2: in assembly process
- Vehicle #3: Body work completed
- Vehicle #4: Framing work underway
- Vehicle #5 & 6: Lead abatement completed



PCC Vehicle Remanufacture (cont.)

- The designs for the integration of all major systems is complete
- BEC testing for Car #1 is nearing completion
- Operations and testing manuals underway
- Delivery and events being coordinated with the City
- Delivery & Testing will continue through Oct 2018



Implementation & Operations Plans Development

- Working with Sun Metro to develop plans
- TxDOT SSO visiting at end of February
 - Preparing for readiness review
 - Established objectives to obtain system safety certification
 - Sun Metro has hired Assistant Director, Safety Manager and Operations Manager
 - Sun Metro developing O &M plans



Community Involvement

- Transitioning from construction messaging to safety and testing
- Fielded calls via Project Hotline
 - (844) 252-RAIL (7245)
- Producing 18 animated safety videos
 - 9 English & 9 Spanish
 - Posted on Streetcar, City, and Sun Metro social media outlets



Community Involvement (cont.)

- Working on bilingual cards with safety information
 - Will go to all properties along route
- Working on bike safety brochure with City of El Paso's Bike Coordinator
- Coordinating with City on slate of public events
 - First car arrival
 - Start of on-street testing



Construction Management

- Submittals
 - 561 received to date
 - 556 are closed, 5 are being reviewed
- Requests for Information (RFIs)
 - 438 received to date
 - 438 are closed



Questions?



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