



**CAMINO REAL**  
REGIONAL MOBILITY  
AUTHORITY

# **CRRMA BOARD PRESENTATION**

## **El Paso Streetcar Construction Status Report**

**Gilbert Gardner  
May 11, 2016**

# El Paso Streetcar Project Construction Status Report



## AGENDA

- Progress Summary
- 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.

- Contract Sum \$ 61,476,282.20
- Total Completed to Date \$ 10,592,969.00
- Percent Completed to Date 17.23%
- Work Breakdown
  - Base Bid 1 – Civil Track MSF \$ 7,709,186.40
  - Base Bid 2 – Wastewater Repl \$ 410,839.37
  - Base Bid 3 – Potable Water Repl \$ 2,147,603.50
  - Base Bid 4 – CBD4 \$ 325,339.73

# Construction Update

- Demolition and grading work at the Maintenance & Storage Facility (MSF) site was completed at the end of March
- The MSF is on schedule
  - Footings and inspection pits are under construction





# Construction Update

- First of three shipments of rail is in El Paso
- All rail is expected to be in El Paso by the end of June
- The first placement of track will begin next week on Oregon, near UTEP



# Construction Update

- Placement of Overhead Contact System (OCS) foundations began in April on Stanton Street
- OCS foundation installations are now approximately 20% complete, with work continuing on Oregon Street





# Construction Update

- Traction Power Substation (TPSS) conduits are being installed from First Avenue to Campbell Street, and at Glory Road and Oregon Street
- Work on the TPSS started in April



# Construction Update



- Base Bid 2 Waste Water and Sanitary Sewer Work
  - Approximately 45% complete
  - Started at the end of February
  - Continues on Oregon Street
- Base Bid 3 Water Line Work
  - Approximately 60% complete
  - Water line replacement continues



# Construction Update



- Father Rahm Avenue and Kansas Street District work
  - Approximately 18% complete
  - Storm drain replacement work in this area started in March

# PCC Vehicle Remanufacture

- Contractor: Brookville Equipment Corporation (BEC)
- Contract executed on October 15, 2015:
  - \$18,794,265.00 (value)
  - \$6,528,854.10 (paid)
- Work includes six vehicles, system support, training, and spare parts





# PCC Vehicle Remanufacture



- Amendment #1
  - Done on April 13, 2016
  - The amendment is for \$77,772.75
  - Addresses numerous items including windows and paint
- Six vehicles are at BEC for remanufacturing
  - Car bodies are in very good condition

# PCC Vehicle Remanufacture



- Remanufacture process is well underway and work is on schedule
- Two vehicles were stripped to bare metal and are ready for grit blasting
- The next face-to-face design review meeting is scheduled for May 24-25
- Delivery of vehicles for testing is scheduled for Dec 2017 - July 2018



# PCC Vehicle Remanufacture

- The designs for the integration of these items are progressing as planned:
  - Wheelchair lift
  - HVAC
  - Pantographs
  - Propulsion
  - Brake systems



# Implementation & Operations Plans Development



Four manuals are being developed for Sun Metro:

- Safety & Security Certification Plan delivered in April for review (second draft)
- Operations & Maintenance Plan (OMP) delivered in May for review (second draft)
- Safety & Security Program Plan to be delivered later this month (second draft)
- Start-up & Testing Plan to be delivered later this month (second draft)
- FTA update to Rail Transit Rules (March 2016)



# Community Involvement



- Recent presentations to neighborhood/civic groups:
  - El Paso Chapter of the Institute of Real Estate Management
  - Rep. Acosta's Community Meeting
  - El Paso Neighborhood Association Alliance
  - Kern Place Association
- Open house at Sacred Heart Church
- Issued weekly E-newsletters and provided regular updates to Facebook and Instagram

# Community Involvement



- Held weekly stakeholder meetings
- Monthly special events coordination meetings
- Bilingual door to door notifications
  - Father Rahm Avenue
  - Oregon Street
  - Stanton Street
- Project Hotline (844) 252-RAIL (7245)



# Construction Management



- Submittals
  - 135 received to date: 127 are closed, 8 being processed
- Requests for Information
  - 145 received to date: 132 closed, 13 being processed
- Pay Estimates
  - 5 received to date: 4 paid, 1 in process (Infrastructure)
  - 4 received to date; 4 paid (PCC Vehicles)

# Questions?



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