

# 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





# 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





- 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





- 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





- 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





#### MESA ST PHASE I





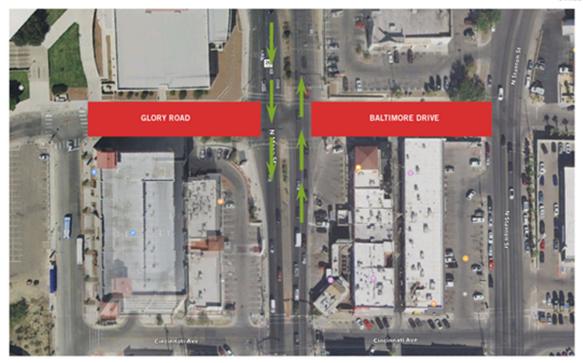
Baltimore Drive: Closed between Stanton Street and Mesa Street Glory Road: Closures between Mesa Street and Oregon Street

→ → → Mesa Street: Two lanes in each direction



#### MESA ST PHASE II





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

 $\rightarrow$   $\rightarrow$  -

Mesa Street: One lane in each direction



#### **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



- 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 4<sup>th</sup> has started
- Only 4 OCS foundations left to complete



- 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



- 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



- 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



- 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.







# 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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