CAMINO REAL
REGIONAL MOBILITY
AUTHORITY
CRRMA BOARD
PRESENTATION
El Paso Streetcar Project
Change Orders 20 to 24
Gilbert Gardner
September 13, 2017

El Paso Streetcar Project

CAMINO REAL REGIONAL MOBILITY AUTHORITY

EL PASO STREETCAR

AGENDA

- Change Order No. 20
- Change Order No. 21
- Change Order No. 22
- Change Order No. 23
- Change Order No. 24
- Change Order Summary
- Questions

El Paso Streetcar Project
Change Order No. 20

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- OCS & TPSS Modifications $34,499.87
  - On Father Rahm, OCS poles conflicted with utilities and were reinstalled
  - On Santa Fe, an OCS pole conflicted with existing conditions and was relocated
  - New poles were furnished at owner's direction to fit with the revised foundation design
  - Extra material such as a transformer cabinet and circuit breaker box were needed so all TPSS stations could be installed uniformly

El Paso Streetcar Project
Change Order No. 21

CAMINO REAL REGIONAL MOBILITY AUTHORITY

- Father Rahm Drainage Improvements $27,361.63
  - Drainage issue at the alley
  - Work included removing existing driveway and sidewalk
  - Installing cross drains and PVC
  - Replacing driveway and sidewalk per TxDOT standards
- Father Rahm Sidewalk Improvements $172,363.20
  - City of El Paso requested and funded improvements
  - Quantities were increased, and new items were added
  - Completion scheduled for November 2017
- Total Cost $199,724.83

El Paso Streetcar Project
Change Order No. 22

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- Level 3 Manholes $21,921.93
  - A handhole was relocated at Santa Fe and Father Rahm
  - A manhole at Baltimore and Stanton Street was exposed and rebuild
  - Two manholes on Stanton at Blanchard and Boston avenue were adjusted
  - A manhole at Glory Road and Mesa Street was shifted
  - Covers the cost of additional insurance so Level 3's designated subcontractor could perform the work

El Paso Streetcar Project
Change Order No. 23

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- Oregon Signage & Striping $21,272.04
  - City of El Paso requested and funded this change order
  - Covers cost of installing bicycle signage and striping along Oregon Street
  - 36 shared arrow “sharrow” symbols and 20 new bicycle signs
  - Surface will be prepared
  - Signs will be installed per original contract items
  - New item needed to install preformed sharrow symbol

El Paso Streetcar Project
Change Order No. 24

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- TxDOT Rebar $34,983.16
  - Covers additional cost of installing rebar to TxDOT standards in lieu of project plans
  - Switched from #4 rebar to #6 and #5 rebar which used 2.5 times the amount of rebar by weight in the intersections
  - Four intersections were affected:
    - Paisano/Kansas
    - Paisano/Santa Fe
    - Wyoming/Oregon
    - Wyoming/Stanton

Change Order Summary

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- Budget Impact
  - Change Order No. 20 $34,499.87
  - Change Order No. 21 $199,724.83
  - Change Order No. 22 $21,921.93
  - Change Order No. 23 $21,272.04
  - Change Order No. 24 $34,983.16
  - Sum of Change Orders 20 to 24 $312,401.83
  - Total Cost of Change Orders (1 to 24) $8,549,399.39
- Schedule Impact
  - Project is still on schedule and within budget

Change Order Summary

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INFRASTRUCTURE PROJECT - CHANGE ORDER SUMMARY				
TYPE OF CHANGE ORDERS	AMOUNT	% OF BASE BID	CHANGE ORDERS	EXAMPLES
UNFORESEEN ITEMS	$1,420,451.02	2.32%	13	Found Utilities
ANTICIPATED ITEMS	$3,834,622.39	6.28%	8	AT&T Work
ADDED WORK	$3,294,425.78	5.39%	6	Cincinnati
	$8,549,499.19	13.99%		

INFRASTRUCTURE BASE BID AMOUNT	$61,102,602.85

Questions?

CAMINO REAL
REGIONAL MOBILITY
AUTHORITY

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