



Tower Road/Peña Boulevard Ramp Project Award of Construction Contract

December 4, 2017



Tower Road Widening Projects

City of Commerce City
Public Works Department

Legend

Tower Road Widening - 80th Ave to 103rd Ave

Tower Road Widening - 80th Ave to Pena Blvd Eastbound Ramps
& Pena Blvd Westbound On-ramp



Project Background

- 1992 - Initial IGA between Commerce City, E-470 Highway Authority, and City & County of Denver governs construction of the final ramp (southbound Tower Road to westbound Peña Boulevard).
- 2014 - Commerce City & E-470 Highway Authority sign IGA regarding ramp funding, which caps E-470 contributions at \$3,204,700.
- 2015 - Amendment to IGA with City and County of Denver whereby Commerce City is allowed to construct ramp and pays for a portion of maintenance costs associated with new, non-airport traffic on Pena Blvd.
- October 2017 – Approved Construction IGA with City and County of Denver addressing cost sharing, timing of payment, financing, design, and construction of the proposed improvements.



Project Scope

City of Commerce City:

- Construct a new westbound on ramp at the interchange of Tower Road with Pena Boulevard.
- Relocate the existing westbound off ramp further south than the current intersection resulting in a “tight diamond” configuration with Pena Boulevard.
- Relocate the ramp intersection and signal to the new southern location

City and County of Denver:

- Widen Tower Road from two lanes to four lanes with curb and gutter and a native grass median between 80th Avenue to the eastbound ramps of Pena Boulevard.
- Addition of sidewalks, street lighting, storm water detention and water quality ponds and provisions for future landscaping.



Contract Bid Process

- Bids were solicited through a formal bidding process, which was advertised on Rocky Mountain E-Purchasing and the City website
- Twelve bids were received and publicly opened on November 16, 2017



Bid Results

1	Castle Rock Construction	\$ 8,585,354
2	Flatiron Construction	\$ 9,422,032
3	Villalobos Concrete	\$ 9,602,416
4	HEI Civil	\$ 9,670,626
5	Hamilton Construction	\$ 9,822,010
6	Jalisco International	\$ 9,823,808
7	Kirkland	\$ 9,938,000
8	Lawrence Construction	\$ 10,283,668
9	Concrete Works of Co	\$ 10,718,993
10	ACC	\$ 10,799,559
11	CEI	\$ 10,996,409
12	IHC	\$ 11,359,079

100% Design Estimate was \$11,955,897



Cost Estimate Comparison

Agency	IGA Estimated Construction Cost	Construction Bid
City of Commerce City	\$6,403,576	\$4,442,930
City & County of Denver	\$5,775,340	\$4,142,424
Total	\$12,178,916	\$8,585,354

- Bids received were lower than the 100% cost estimate used to establish the IGA with City and County of Denver (CCD). The IGA caps CCD's cost for construction at \$6 Million.



Project Costs & Funding

Category	Forecast Budget
1 - Project Continency	500,000
2 - Construcion Management & QA	1,000,000
4 - Design	1,050,000
5 - Construction	
Commerce City	4,442,930
Denver Portion of Tower	4,142,424
Construction Contingency (@ 10%)	858,535
Total Construction	9,443,889
7 - Permits, Fees, Utilities	147,775
Total Forecast Project Budget	12,141,664

- In discussions with E470 to potentially increase funding
- CCD funding is for Tower Road construction plus 45% of construction management cost (to be reimbursed per terms of the IGA)
- \$10 million budgeted in 2018 for C3 and upfront CCD costs

E470 Funding	3,207,700
CCD Funding	4,592,424
C3 Funding	4,341,540
Total Funding	12,141,664



Project Schedule



Construction Schedule

- Request for bids base upon a 13 month schedule
- Contractor's proposed schedule is 12 months with earlier completion milestones for the ramps
- More details on construction phasing will be shared once the contractor provides their detailed schedule





Questions?

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