



DENVER
THE MILE HIGH CITY

EXECUTIVE SUMMARY

Contractor:Tsiouvaras Simmons Holderness, Inc.

Proposed Contract Amount:\$1,359,120.00

Project Title:Federal Blvd. 5th to Howard

Contract Control Number:CE02011

Term of this proposed contract (start/end date):NTP to 12/31/2011

Selection process:

(a) **Date of Bid process:**May 7, 2010

(b) **How many proposals were received:**8

(c) **Range:**N/A (Qualifications based selection) **Low:** **High:**

DSBO Assigned Goals:M/WBE 12%

DSBO Goals Commitment:12%

Council District:3 and 9

Source of funds (CIP/BOND/GRANT/CDOT):\$1.5 Million of Colorado FASTER (Funding Advancement for Surface Transportation & Economic Recovery) Funds are currently available. These funds will be used to perform design engineering on the project PWTRN/31035/5011102/601200/PK00310_001

Background:In October of 2009, a Planning Environmental Linkage Study (PEL) for Federal Boulevard from 5th Avenue to Howard Place was completed. This PEL, which was approved in February of 2010, is available online at: <http://denvergov.org/Infrastructure/FederalBoulevardPELStudy/tabid/434271/Default.aspx> The goal of this project is to eventually implement the Proposed Action as stated in the PEL, using the framework of the PEL as the project background and guide for what will be accomplished by this project.

Purpose and Need for the Project



Protecting the Present & Building the Future
Accountability, Innovation, Empowerment, Performance, Integrity,
Diversity, Teamwork, Respect, Excellence, Safety

The purpose and need for this project is to:

- **Improve the safety and efficiency of Federal Boulevard from 5th Avenue to Howard Place**

Relieve traffic congestion on Federal Boulevard from 5th Avenue to Howard Place

- **Improve multi-modal mobility (pedestrians, bicycles, public transit, and private/commercial vehicles) along Federal Boulevard from 5th Avenue to Howard Place, linking with existing and planned sections of Federal Boulevard to the north and south**

Existing Conditions

Federal Boulevard is a principal north-south urban arterial roadway that is under the jurisdiction of the Colorado Department of Transportation (CDOT) as State Highway 88 (SH 88). Federal Boulevard spans 20 miles between Bowles Avenue to the south and 120th Avenue to the north on the west side of the Denver metropolitan area and provides access to a number of major east-west roadways, including US 285 (Hampden Avenue), US 6 (6th Avenue), US 40 (Colfax Avenue), Interstate 70 (I-70), and Interstate 76 (I-76). The project area extends along Federal Boulevard from 5th Avenue on the south to approximately Howard Place on the north. Federal Boulevard is predominantly a commercial corridor with a few single-family residences between 5th Avenue and Howard Place. The primary commercial uses within the project area include automotive maintenance shops, automotive sales/service facilities, and retail facilities (clothing, furniture, and general merchandise stores). Light industrial facilities with some residential areas are present in the neighborhoods east of the project area. The neighborhoods to the west are primarily residential.

Major Features of the Proposed Action as Stated in the PEL and of the Project Roadway alignment and improvements for Federal Boulevard:

- **Conversion of the northbound Federal Boulevard auxiliary lane from 5th Avenue to eastbound US 6, which is planned as part of the I-25 Valley Highway project, to a northbound through lane**
- **Restriping of the Federal Boulevard bridge over US 6, which will be reconstructed as part of the I-25 Valley Highway project, with an additional northbound through lane**
- **Construction of three 11-ft southbound through lanes, three 11-ft northbound through lanes, and a 16-ft raised median with a left turn lane at the 5th Avenue, 6th Avenue on-and off-ramp, 7th Avenue, 8th Avenue, 9th Avenue, 10th Avenue, 11th Avenue, 12th Avenue, and Holden Place intersections on Federal Boulevard from US 6 to approximately 12th Avenue**
- **Elimination of the T-intersections at Severn Place and Barberry Place on Federal Boulevard**
- **Widening of Federal Boulevard from the right-of-way boundary line on the west side of Federal Boulevard toward the east between US 6 and approximately 12th Avenue with an additional northbound lane**
- **Restriping of Federal Boulevard from approximately 12th Avenue to approximately Howard Place including the Federal Boulevard bridge over Lakewood Gulch, which will be reconstructed as part of the RTD FasTracks West Corridor LRT project, with an additional northbound through lane**
- **Construction of new curb and gutter on both sides of Federal Boulevard from 5th Avenue to Howard Place**
- **Elimination of access curb cuts where possible along Federal Boulevard between 5th Avenue and Howard Place**



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Bicycle/Pedestrian Improvements:

- Replacement of the discontinuous sidewalk on both sides of Federal Boulevard with an 8-ft pedestrian zone consisting of either a detached 5-ft sidewalk with a 3-ft buffer or an attached 8-ft sidewalk with ADA-compliant curb ramps and driveway cuts
- Installation of crosswalk pavement markings and countdown pedestrian signal heads at the Federal Boulevard/8th Avenue and Federal Boulevard/10th Avenue intersections
- Maintain existing ADA accessible routes for properties along Federal Boulevard between 5th Avenue and Howard Place
- Improve access to the Federal/Decatur LRT station

Water Quality/Drainage Improvements:

- Construction of a water quality pond to manage storm water flows in accordance with CDOT and CCD Municipal Separate Storm Sewer System (MS4) requirements. At this time, it is anticipated that the pond will be located in the vicinity of Weir Gulch near 8th Avenue.
- Increase the size of the stormceptors (best management practice [BMP]) to manage storm water flows in the area of 12th Avenue, which will be installed by RTD during replacement of the Federal Boulevard bridge over Lakewood Gulch