

JULY 2012 CTB Meeting

DESIGN BUILD PROJECT

UPC 94089 & 97231

I-581 and Elm Ave. Interchange Improvements

City of Roanoke

This project, located at the interchange of I-581/US Route 220 from Exit Ramps accessing Elm Avenue to 0.016 miles West of Williamson Rd and 0.045 miles East of 4th Street, southeast on Elm Avenue, includes improvements to traffic operations along Elm Avenue and at the intersection of Elm Avenue and I-581/US Route 220. The project distance is 0.224 miles. The work includes widening of the ramps from I-581/US Route 220 to develop an additional turn lane at the intersections with Elm Avenue and the extension of left turn lanes in each direction on Elm Avenue. This will require widening of the Elm Avenue Bridge over I-581/US Route 220 and the Elm Avenue Bridge over the Norfolk Southern Corporation (NS) Railway. A right turn lane from Elm Avenue onto Williamson Road will be added. The existing substandard vertical clearance over I-581/US Route 220 will be remediated to current standards as part of this project. The existing minimum vertical and horizontal clearances within the NS right of way will not be decreased. Pedestrians are accommodated on Elm Avenue by a five foot wide sidewalk. Cyclists are accommodated by a 14 foot outside lane instead of the standard 12 foot lane.

The anticipated scope of work to be performed by the Contractor will include:

1. Project design
2. Widening of Elm Avenue and Elm Avenue I-581/US Route 220 off ramps
3. Retaining walls
4. Partial demolition of existing structures
5. Bridge substructure and superstructure widening of both bridges
6. Bridge substructure and superstructure repairs of the bridge over the NS railway
7. Right of Way acquisition
8. Lighting
9. Drainage & Utility relocations
10. Signing, signals and pavement marking
11. Coordination with NS

Portions of project funding were appropriated through ARRA. Thus, the Contractor will be responsible for performing any additional requirements associated with this ARRA funding.

Fixed Completion August 25, 2015

BID RESULTS FOR THE CTB

JUNE 5, 2012

DESIGN BUILD PROJECT

UPC No. & Project No.	Location and Work Type	RECOMMENDATION	Contractor	Number of Bids	Bid Amount	CN From 6 Year Program
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MISCELLANEOUS

94089 / 97231	I-581 & Elm Avenue	AWARD	AMERICAN INFRASTRUCTURE – VA, INC.	10	\$20,445,413.56*	\$22,889,933.00**
(FO)0581-128-310, RW201, C501, B623, B624	Improvements on Elm Avenue and the interchange of I-581 and Elm Ave.		GLEN ALLEN, VA			
(FO)0581-128-314, C501						
ARRA/BR ARRA-FS09 (164)	City of Roanoke					

*Amount is inclusive of PE, ROW, QA/QC and Construction

**Amount is inclusive of all phases to include PE, ROW, Construction and expenditures to date

Purpose & Need: The project entails improvements at the I-581 & Elm Avenue interchange. The project adds pavement width, additional lanes, two bridges and a shoulder bike lane.

1 Recommended for Award: \$20,445,413.56