



**PI#'S 311000-, 311005-, 311400-, & 311410-  
Implementation of Value Engineering Study Alternatives  
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ALT #	Description	Potential Savings	Implement?	Comments
3A	Maintain existing alignment for Ramp ISS and widen existing bridge over Norfolk Southern RR to the east.	\$911,000	No	Driver expectancy issue. See attached comments concerning VE Alternate 3A
3B	Maintain existing alignment for Ramp INN and widen existing bridge over Ramp ISE & RR.	\$1,695,000	No	Existing span length not adequate for standard shoulders for Ramp ISE. See attached comments concerning VE Alternate 3B.
3C	Maintain existing alignment for Ramp IWN with one travel lane instead of the two lanes currently proposed.	\$519,000	No	Existing alignment does not meet goal of 55mph for freeway to freeway connection. Lane balance issue. See attached comments concerning VE Alternate 3C.
4A	Reduce Ramp CDWS from two lanes to one lane and merge Ramps CDWS & IWS into a 2 lane ramp before connecting to I-75	\$6,410,000	No	Merges within 5 degree curve. Creates successive system interchange connections within 800 feet. See attached comments concerning VE Alternate 4A.
4B	Eliminate Loop Ramp I from Spring Street to westbound I-16, and place left turns to Ramp K	\$1,835,000	Implement compromise I-16 bridge widening alternate with potential savings of \$1,700,000	See attached comments concerning VE Alternate 4B.
5	Eliminate one lane on each of the following ramps: ISE, CDSE, INE & CDNE.	\$3,860,000	No	Over designed for capacity: however extra lanes needed for lane balancing. See attached comments concerning VE Alternate 5.
6A	Reduce I-75 from 4 lanes to 3 lanes in each direction between Pierce Avenue and the I-16/I-75 interchange.	\$2,664,000	No	6% truck volume furnished to VE Team for their analysis. More recent traffic counts show 12% trucks. HCS re-run with more recent traffic counts and 12% trucks show 4 lanes needed for acceptable level of service. See attached comments concerning VE Alternate 6A.

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ALT #	Description	Potential Savings	Implement?	Comments
6B	Reduce I-16 from 4 lanes to 3 lanes in each direction between the I-16/I-75 interchange and Spring Street.	\$8,328,000	No	6% truck volume furnished to VE Team for their analysis. More recent traffic counts show 12% trucks. HCS re-run with more recent traffic counts and 12% trucks show 4 lanes needed for acceptable level of service. See attached comments concerning VE Alternate 6B.

**Approved:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
**Frank L. Danchetz, P. E., Chief Engineer**

**Approved:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
**Robert Callan, P. E., FHWA Division Administrator**

DTM

Attachments

- c: Scott Zehngraff, Traffic Safety and Design, TMC
- Andy Aiello, Office of Environment/Location
- Bill Ingalsbe/Joe King, Bridge Design, G. O.
- Marc Mastronardi/Brink Stokes, Construction, District 3.
- Olu Adeyemi, FHWA
- Joshua Grzegorzewski, FHWA
- Ron Wishon, Engineering Services, G. O.

## Wishon, Ron

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**From:** Painter, David <FHWA> [David.Painter@fhwa.dot.gov]  
**Sent:** Friday, January 24, 2003 9:24 AM  
**To:** Ron.Wishon@dot.state.ga.us  
**Subject:** RE: VE study of the 75/16 interchange reconstruction project



TEXT.htm (2 KB)

My goal is to get the design comments out early next week. I did not really have any comments on the VE study because I agreed with everything that you did not accept from the study. Most of the VE stuff that was not accepted seemed to negatively effect capacity and we are not interested in reducing capacity. I think that at least one of the two compromises that GDOT suggested implementing also slightly reduced capacity so I was not all that interested in it, but I think that it is likely to be overcome by the design comments that I hope to have out next week.

Dave Painter, MSE, PE  
404 562-3658 Phone  
404 562-3703 Fax

>>> Ron.Wishon@dot.state.ga.us 01/24/03 09:11AM >>>

Just curious, are you going to be sending the comments separate from the VE Study Recommendations or are will they come with the signed VE document?

-----Original Message-----

**From:** David Painter [mailto:David.Painter@fhwa.dot.gov]  
**Sent:** Thursday, January 23, 2003 11:30 AM  
**To:** Ron.Wishon@dot.state.ga.us  
**Subject:** VE study of the 75/16 interchange reconstruction project

I have finished my review of the study. I agree with all of the recommendations made, however, I will be commenting on the overall design very soon and some significant changes may come out of those comments. FHWA's design philosophy is undergoing some high level adjustment and freeway to freeway interchanges are one place that these adjustments will be visible.

Dave Painter, MSE, PE  
404 562-3658 Phone  
404 562-3703 Fax

**Wishon, Ron**

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**From:** Wishon, Ron  
**Sent:** Friday, January 31, 2003 6:59 AM  
**To:** Mulling, David  
**Subject:** FW: I-16/I-75

FYI

-----Original Message-----

**From:** Wishon, Ron  
**Sent:** Friday, January 31, 2003 6:52 AM  
**To:** Rice-Singleton, Genetha  
**Cc:** Clowers, Marlo  
**Subject:** RE: I-16/I-75

The VE Study recommendations (that were approved by Frank) went over to FHWA in late October/early November. I sent at least 3 e-mails inquiring of the status and called several times. A roll plot was sent over there on 1/8/03. I have talked to David Painter several times about the content of the VE Study. The only information that they requested was the roll plot earlier this month. By the way, I told David that you wanted the roll plot back, but he mentioned that he was going to be having a meeting with you and the Design Consultants and would give it back to you then.

Ron

-----Original Message-----

**From:** Rice-Singleton, Genetha  
**Sent:** Thursday, January 30, 2003 4:25 PM  
**To:** Wishon, Ron  
**Cc:** Clowers, Marlo  
**Subject:** I-16/I-75

Ron,

Joe has requested the following information per the Commissioner:

When did the VE Study go to FHWA?

Did they request additional information after it went over? If yes when and when was it sent? (I know we sent the layout)

I appreciate your immediate response.

Thanks

*Genetha Rice-Singleton*  
*Design Group Manager*  
*GDOT Office of Urban Design*  
*404-656-5444*  
*FAX 404-657-7921*