

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE EDS00-0545-00(020)
122110- Franklin/Stephens County OFFICE Program Delivery
SR 17 Widening DATE 3/30/12

FROM Bobby K. Hilliard, PE, State Program Delivery Engineer B.K.H.

TO Lisa Myers, State Project Review Engineer

SUBJECT **Value Engineering Implementation Revision Request**

This office would like to request a Value Engineering (VE) Study Implementation Revision on the above-referenced project. The VE implementation letter was sent out by your office on November 12, 2007.

This office requests to revise Alternative 20-11 from implement to not implement. This alternative as written in the VE Study would use CONSPAN bottomless culverts in lieu of box culverts on the project. This change was estimated to result in total savings of \$462,105 in the VE Report.

After further review of the site-specific conditions, it was determined that the sinuosity of the stream channels would require many custom CONSPAN sections to be manufactured which would increase construction costs. In addition, review of the geotechnical report indicated that pile foundations would most likely be required, which would also increase construction costs. Finally, in discussions with the GDOT bridge office and District construction personnel, it was understood that the construction of bottomless culverts on several projects has been more problematic than previously expected.

Because of the above mentioned reasons, it is recommended to revise Alternative 20-11 from implement to not implement.

Concur: Lisa L Myers
State Project Review Engineer

4/30/12
Date

Concur: Bill R McMillan
Engineering Division Director

5/1/12
Date

Approved: Debra M. [Signature]
Chief Engineer

5/7/12
Date

Approved: Michael M. [Signature]
FHWA Division Director

5/15/12
Date