

FISCAL NOTE

SB 1697 - HB 1426

March 29, 2005

SUMMARY OF BILL: Directs the Department of Transportation to erect sound barriers on I-40 from exit 221 (Old Hickory Boulevard) eastward to the Wilson county boundary.

ESTIMATED FISCAL IMPACT:

Increase State Expenditures – Exceeds \$4,740,000 One-Time/Highway Fund

Other Fiscal Impact – Federal expenditures will increase one-time by an amount estimated to exceed \$3,160,000.

Assumptions:

- Reflective sound barrier cost is approximately \$20 to \$25 per square foot.
- Sound barrier walls are typically 15 feet in height.
- Section identified in this bill is approximately 2.5 miles long (or 13,200 feet).
- Total square footage of sound barrier walls required is estimated at 396,000 (13,200 feet long X 15 feet high X 2 for east and west bound lanes = 396,000 total square feet).
- Total cost of improvements is estimated to exceed \$7,900,000 (396,000 square feet X \$20 per square foot = \$7,920,000).
- 50% of total improvements would qualify for 80% match federal funding.
- One-time increase of state expenditures is estimated to exceed \$4,740,000
- One-time increase of federal expenditures is estimated to exceed \$3,160,000.

CERTIFICATION:

This is to duly certify that the information contained herein is true and correct to the best of my knowledge.



James W. White, Executive Director