

NASHVILLE AND DAVIDSON COUNTY:

Section 1. That the agreement between the United States Department of the Army and the Metropolitan Government of Nashville and Davidson County, reflecting Phase 7 of the Flood Preparedness Study, a copy of which agreement is attached hereto and incorporated herein, is approved and the Metropolitan Mayor is authorized to execute the same.

Section 2. That this resolution shall take effect from and after its adoption, the welfare of the Metropolitan Government of Nashville and Davidson County requiring it.

Analysis

This resolution approves an agreement between the Metropolitan Government and the U.S. Department of Army for Phase 7 of a flood preparedness study. This study has been underway for several years to gather data and prepare modeling to develop flood insurance rates. Phase 6 of this study was approved in August 2017 pursuant to Resolution No. RS2017-818.

Phase 7 includes the following:

- Continuing technology transfer between Metro, USACE, FEMA, NWS, and USGS;
- Update flood frequency analysis;
- Future buildout analysis for Cumberland River tributary streams;
- Future conditions analysis of the Cumberland River;
- HEC-RTS training, technology transfer, and modeling; and
- H&H modeling support.

The cost of Phase 7 of the study is estimated to be \$1,035,123, with Metro and the USACE each paying 50% cost. Metro is responsible for approximately \$517,562, payable in three installments across three fiscal cycles.

Fiscal Note: Metro will pay 50% of the Technical Assistance's projected total cost of \$1,035,123 in the amount of \$517,562 for the Phase 7 of the Flood Preparedness Study. This payment will be paid in three interval payments with the first installment in the amount of \$173,000. The second installment in the amount \$172,000 after July 1, 2023 and third installment in the amount of \$172,000 after July 1, 2024.