



# Red Brick Courthouse Structural Repairs

(P500727)

|               |                                       |                      |                    |
|---------------|---------------------------------------|----------------------|--------------------|
| Category      | General Government                    | Date Last Modified   | 10/05/22           |
| SubCategory   | County Offices and Other Improvements | Administering Agency | General Services   |
| Planning Area | Rockville                             | Status               | Final Design Stage |

## EXPENDITURE SCHEDULE (\$000s)

| Cost Elements                    | Total         | Thru FY22  | Rem FY22 | Total 6 Years | FY 23        | FY 24        | FY 25        | FY 26    | FY 27    | FY 28    | Beyond 6 Years |
|----------------------------------|---------------|------------|----------|---------------|--------------|--------------|--------------|----------|----------|----------|----------------|
| Planning, Design and Supervision | 2,954         | 294        | -        | 2,660         | 1,058        | 845          | 757          | -        | -        | -        | -              |
| Site Improvements and Utilities  | 428           | -          | -        | 428           | -            | 143          | 285          | -        | -        | -        | -              |
| Construction                     | 7,230         | 295        | -        | 6,935         | -            | 2,044        | 4,891        | -        | -        | -        | -              |
| Other                            | 1             | 1          | -        | -             | -            | -            | -            | -        | -        | -        | -              |
| <b>TOTAL EXPENDITURES</b>        | <b>10,613</b> | <b>590</b> | <b>-</b> | <b>10,023</b> | <b>1,058</b> | <b>3,032</b> | <b>5,933</b> | <b>-</b> | <b>-</b> | <b>-</b> | <b>-</b>       |

## FUNDING SCHEDULE (\$000s)

| Funding Source               | Total         | Thru FY22  | Rem FY22 | Total 6 Years | FY 23        | FY 24        | FY 25        | FY 26    | FY 27    | FY 28    | Beyond 6 Years |
|------------------------------|---------------|------------|----------|---------------|--------------|--------------|--------------|----------|----------|----------|----------------|
| G.O. Bonds                   | 10,613        | 590        | -        | 10,023        | 1,058        | 3,032        | 5,933        | -        | -        | -        | -              |
| <b>TOTAL FUNDING SOURCES</b> | <b>10,613</b> | <b>590</b> | <b>-</b> | <b>10,023</b> | <b>1,058</b> | <b>3,032</b> | <b>5,933</b> | <b>-</b> | <b>-</b> | <b>-</b> | <b>-</b>       |

## APPROPRIATION AND EXPENDITURE DATA (\$000s)

|                             |        |                          |        |
|-----------------------------|--------|--------------------------|--------|
| Appropriation FY 24 Request | -      | Year First Appropriation | FY07   |
| Cumulative Appropriation    | 10,613 | Last FY's Cost Estimate  | 10,613 |
| Expenditure / Encumbrances  | 590    |                          |        |
| Unencumbered Balance        | 10,023 |                          |        |

## PROJECT DESCRIPTION

Phase I of this project provided for the rehabilitation of the flooring system in the Red Brick Courthouse at 29 Courthouse Square in Rockville. The structural integrity of the flooring system was weakened by modifications made over the years to accommodate various electrical, mechanical, and plumbing systems. Phase II will provide for a limited historic rehabilitation of the Courthouse and preserve the building exterior. Work will include the replacement of Life Safety systems, modifications to make the facility compliant with the requirements for the Americans with Disabilities Act (ADA), repair for moisture infiltration issues, and repair and replacement of the building exterior, masonry, copper fittings, and roofing. All work will be performed in compliance with requirements and oversight of the Maryland Historical Society and per existing County regulation and easements.

## LOCATION

29 Courthouse Square Rockville, Maryland 20850.

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## ESTIMATED SCHEDULE

Construction will begin in FY24 and be completed in FY25 prior to the 250th anniversary of Montgomery County.

## PROJECT JUSTIFICATION

For Phase I, a structural engineer determined that some areas of the terra cotta arch and beam flooring system have been compromised by modifications that have been made for various electrical, mechanical, and plumbing systems. Access to certain areas on the first and second floors will be restricted until the problem is resolved. Phase II is the historic renovation of the building, which dates back to the 1800's. In 1995, the Courthouse had a small renovation to upgrade the HVAC and to provide an elevator. Currently, the slate roofing is deteriorating, as is the copper metal roofing on the steeple (both of which have reached the end of service life). The masonry joints need to be tuck-pointed on the exterior walls and parapets. This deterioration has allowed moisture infiltration, which has damaged the building, with repair efforts slowing but not stopping the problems. Along with accessibility issues, the HVAC, plumbing, and electrical systems are at the end of useful life. The fire prevention systems require redesign and installation to provide for better safeguards to prevent potential loss of the historic wood structure.

## OTHER

This facility has been designated as a historic structure.

## COORDINATION

Department of General Services, Circuit Court, Department of Technology and Enterprise Business Solutions, City of Rockville, Montgomery County Sheriff, Department of Human Resources, Peerless Rockville, Maryland Historical Society, and Montgomery County Historical Society.

