

# Building Envelope Repair (P361501)

Category General Government  
 Sub Category County Offices and Other Improvements  
 Administering Agency General Services (AAGE29)  
 Planning Area Countywide

Date Last Modified 1/9/17  
 Required Adequate Public Facility No  
 Relocation Impact None  
 Status Ongoing

| Total | Thru FY16 | Rem FY16 | Total 6 Years | FY 17 | FY 18 | FY 19 | FY 20 | FY 21 | FY 22 | Beyond 6 Yrs |
|-------|-----------|----------|---------------|-------|-------|-------|-------|-------|-------|--------------|
|-------|-----------|----------|---------------|-------|-------|-------|-------|-------|-------|--------------|

### EXPENDITURE SCHEDULE (\$000s)

|                                  |               |            |              |              |              |              |              |              |              |              |          |
|----------------------------------|---------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| Planning, Design and Supervision | 194           | 74         | 0            | 120          | 20           | 20           | 20           | 20           | 20           | 20           | 0        |
| Land                             | 0             | 0          | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0        |
| Site Improvements and Utilities  | 0             | 0          | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0        |
| Construction                     | 10,721        | 220        | 1,871        | 8,630        | 980          | 1,530        | 1,530        | 1,530        | 1,530        | 1,530        | 0        |
| Other                            | 0             | 0          | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0        |
| <b>Total</b>                     | <b>10,915</b> | <b>294</b> | <b>1,871</b> | <b>8,750</b> | <b>1,000</b> | <b>1,550</b> | <b>1,550</b> | <b>1,550</b> | <b>1,550</b> | <b>1,550</b> | <b>0</b> |

### FUNDING SCHEDULE (\$000s)

|              |               |            |              |              |              |              |              |              |              |              |          |
|--------------|---------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| G.O. Bonds   | 10,915        | 294        | 1,871        | 8,750        | 1,000        | 1,550        | 1,550        | 1,550        | 1,550        | 1,550        | 0        |
| <b>Total</b> | <b>10,915</b> | <b>294</b> | <b>1,871</b> | <b>8,750</b> | <b>1,000</b> | <b>1,550</b> | <b>1,550</b> | <b>1,550</b> | <b>1,550</b> | <b>1,550</b> | <b>0</b> |

### APPROPRIATION AND EXPENDITURE DATA (000s)

|                                    |       |       |
|------------------------------------|-------|-------|
| Appropriation Request              | FY 18 | 1,550 |
| Supplemental Appropriation Request |       | 0     |
| Transfer                           |       | 0     |
| Cumulative Appropriation           |       | 3,165 |
| Expenditure / Encumbrances         |       | 414   |
| Unencumbered Balance               |       | 2,751 |

|                          |              |
|--------------------------|--------------|
| Date First Appropriation | FY 15        |
| First Cost Estimate      |              |
| Current Scope            | FY 18 10,915 |
| Last FY's Cost Estimate  | 8,165        |

#### Description

This level of effort project is needed to maintain the County's building infrastructure. This project funds the wholesale replacement of aged and outdated building envelope systems including the replacement of windows, exterior doors, siding, exterior walls, and weatherproofing. While the Planned Lifecycle Asset Replacement (PLAR) CIP project provides for incidental building envelope replacements, this project provides for a systematic wholesale replacement to maintain the building envelope, protect the building integrity, and allow for continued full and efficient use of County buildings.

#### Estimated Schedule

FY17: Colesville Health Center windows, Pre-Release Center entry doors. FY18: 401 Hungerford Drive, 1301 Piccard Drive glass "sun rooms", Fire Station 1, KSAC Indoor Pool, Little Falls Library, Holiday Park Senior Center, Up County Community Center Store Fronts, Overhead Doors at Volunteer Fire Stations.

#### Cost Change

Increase cost to address overhead door repairs at Volunteer Fire Stations and County-owned facilities and other building envelope repairs.

#### Justification

Window replacements, siding replacements, and exterior door replacements are critical to protect the life of a facility. Windows and doors can eliminate drafts to improve both comfort and energy efficiency. Siding protects the facility by eliminating potential leaks that can lead to damage of other facility components as well as creating health issues such as mold growth.

#### Other

Building envelope repairs have been neglected for many years. Many facilities still have single and/or double pane glass and are poorly sealed, leading to energy loss. Many exterior metal doors are rusted and frequently fail to close and latch which creates a safety hazard. Renovations will address leaks around windows and doors and will provide improved energy efficiency.

#### Disclosures

Expenditures will continue indefinitely.

#### Coordination

Department of General Services, Departments affected by building envelope repair projects