

Project Title	2008 Agency Priority Ranking	Agency Project Request for State Funds (\$ by Session)				Governor's Recommendations 2008	Governor's Planning Estimate	
		2008	2010	2012	Total		2010	2012
DOT Building Exterior Restoration	1	\$13,686	\$0	\$0	\$13,686			
Property Acquisition	2	2,325	0	0	2,325			
Statewide CAPRA	3	5,000	6,000	6,000	17,000			
State Capitol Building Restoration	4	0	0	0	0			
Capitol Complex Security Upgrades	5	2,050	0	0	2,050			
Agency Relocation	6	0	0	0	0			
Governor's Residence Predesign	7	75	0	0	75			
LRT Impact Study	8	350	0	0	350			
Environmental Campus Planning & Predesign	9	0	0	0	0			
OET Data Center Consolidation Predesign & Design	10	0	0	0	0			
History Center Window Replacement	11	0	0	0	0			
Ford Building Renovation		0	17,100	0	17,100			
Predesign for Public Safety		0	650	0	650			
Total Project Requests		\$23,486	\$23,750	\$6,000	\$53,236			

Agency Relocation

2008 STATE APPROPRIATION REQUEST: \$0

AGENCY PROJECT PRIORITY: 6 of 12

PROJECT LOCATION:

Project At A Glance

\$(TBD) in general fund dollars for agency relocation funding is needed to move state operations from existing locations when it improves agency operations, yields budget benefits and/or facilitates better service to customers. This request is for needs not covered under other capital requests.

Project Description\$200,000

Funds are needed to relocate agencies where an unanticipated situation occurs that requires relocation such as a landlord not renewing an agency's lease at its expiration, a facility is sold, an agency needs to reduce space, a reorganization needs to be implemented, remodeling needs to be accomplished or an agency can substantially reduce its rent.

\$TBD

The Department of Administration's Travel Management Division and Surplus Services Unit will combine to form one division to streamline operations and strengthen administrative and business office support. Funds are needed to relocate the Travel Management Division from a nonstate owned leased facility to the State owned Surplus Property Building in Arden Hills to facilitate the merger.

Relocation funding is used to move furniture, equipment, voice and data.

Impact on Agency Operating Budgets (Facilities Notes)

None

Previous Appropriations for this Project

None

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Governor's Recommendations (To be completed by the Department of Finance at a later date)

Environmental Campus Planning & Predesign

2008 STATE APPROPRIATION REQUEST: \$0

AGENCY PROJECT PRIORITY: 9 of 12

PROJECT LOCATION:

Project At A Glance

- ◆ Planning and predesign of a facility housing DNR, PCA, BWSR, and DLI
- ◆ Providing strategic environmental leadership in holistic manner
- ◆ Showcasing urban sustainable strategies
- ◆ Collaboration of the environmental agencies living their mission

Project Description

The Department of Natural Resources (DNR), the Pollution Control Agency (PCA), the Board of Water and Soil Resources (BWSR), and the Department of Labor and Industry (DLI), are seeking to demonstrate their environmental leadership by headquartering together in a highly energy efficient building sited in a way to take advantage of existing infrastructure while preserving the natural landscape.

Living each mission to protect, reflect the values of, and conserve natural resources is of high importance to all of the agencies. Opportunities for sharing space will minimize the footprint of the building; pursuing B3 (Buildings, Benchmarks, and Beyond) and LEED (Leadership in Energy and Environmental Design) certification will maximize energy savings; and planting a sustainable landscape and managing storm water will showcase good site management and carbon sequestration.

Having the Department of Labor and Industry (DLI) included in this project provides a unique opportunity for partnership with the building trades and for the advancement of sustainable construction methods that will have a positive, long-term change in how buildings and sites are developed and constructed in the future.

Projects

Opportunities for cohesive environmental leadership, demonstration of sustainable practices in design and construction, “one-stop” service for citizens with environmental issues or permitting needs, and the significant long-term cost savings of ownership combine to make this project extremely viable and pertinent for today and the future.

The environmental agencies have a long-standing practice of partnership, including BWSR, the Clean Water Council, the Interagency Water Resources Team, and the Interagency Wetland Committee among others. Co-location will facilitate the agencies’ move to a new level of holistic and strategic leadership in the sustainable arena, demonstrating their interest in speaking with a single voice on issues relating to the environment.

All four of the agencies have clientele in common, such as local governmental units, property owners seeking permits for work on lakeshores, and various environmental groups. Co-location will facilitate the ability to further integrate and consolidate licensing, permitting, and financial assistance application processes, thereby reducing the burden on customers with needs touching several of the agencies.

A “green” environmental campus will provide a multi-dimensional demonstration of sustainable development practices that goes beyond providing citizen customers with answers and information for today by educating and motivating them to move to the next level of environmental stewardship. Sustainable opportunities include green roofs, renewable energy sources, water management on site and conservation within the building.

DLI will work with the design team to facilitate the integration of building and energy code compliance with green building technology in this campus. The affirmation of the compatibility of the regulatory aspects of code regulation with the goals of the Minnesota Sustainable Building Guidelines (B3) will help to inform all participants on the scope and achievable features of green building technology and produce a model campus on the forefront of response to concerns of sustainability and functionality.

Environmental Campus Planning & Predesign

In addition to the critical alignment with their missions, it is anticipated that moving from leased space to owned space will provide significant cost savings to the agencies and hence the state.

Impact on Agency Operating Budgets (Facilities Notes)

It is anticipated that the long-term cost savings associated with ownership and increased opportunities for shared services will be realized, and the impact on agency operating budgets will be a reduction in costs over time.

Previous Appropriations for this Project

No previous appropriations.

Other Considerations

The agencies expect to increase their effectiveness in service delivery in the new facility. They already share responsibilities for preserving the State's natural lands, air and waters; strategic location of staff within shared space will greatly increase the opportunities for both planned and serendipitous synergies.

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Governor's Recommendations (To be completed by the Department of Finance at a later date)

OET Data Center Consolidation Predesign & Design

2008 STATE APPROPRIATION REQUEST: \$0

AGENCY PROJECT PRIORITY: 10 of 12

PROJECT LOCATION: .

Project At A Glance

Predesign and design of two data centers to:

- ◆ Provide high security, redundant data centers for state operations
- ◆ Provide backup disaster recovery capability for agencies, higher education and local government
- ◆ Distribute computing burden for greater stability and reliability
- ◆ Support consolidation of multiple existing agency data centers for greater efficiency

Project Description

OET will develop two Tier III or Tier IV data centers servicing the state and other public agencies and levels of government. These data centers will provide load-balancing capability for high-security disaster recovery “hot sites” and service centers for clients. They will also allow for data center consolidation and/or co-location of executive branch data centers, many of which lack the security and redundancy to protect state information assets and program operations.

One of the data centers will be located in greater Minnesota and the other, which will replace the current Centennial Office Building data center, will be located in the extended metropolitan metro area.

This separation of the sites from one another and from the Capitol Complex will enhance security and reduce the impact of a catastrophic event on operations. The specific site requirements and possible locations will be developed in the course of this predesign. The sites will replace the current contracted “hot”, “warm” and “cold” sites used by various agencies and other entities, and will provide economical disaster recovery capability for agencies currently lacking that function.

Authority for this disaster recovery responsibility is provided by M.S. chapter 16E and Executive Order 05-04.

The argument for consolidation of many small data centers was made in the Drive to Excellence business case (2004), advanced in the Enterprise Master Plan for Information Management (2007) and affirmed by national public and private sector best practices in this area. Preliminary discussions with higher education systems and with county governments have indicated support for contractual arrangements that will allow these organizations to use the sites for their own disaster recovery purposes.

Objectives of this project:

- Improved reliability and access on 7x24 basis
- Common infrastructure architecture
- Reduced facilities and operational costs for staff, services
- Reduced acquisition cost for capacity and equipment
- Provision of load balancing and redundancy
- Improved security for data centers, equipment and information
- Creation of a “hotsite” for business continuity
- Improved interoperability of applications and data
- Availability for sharing with other jurisdictions and levels of government

The state will need a staged implementation and migration plan over multiple years. It is likely that the two centers will have nearly identical requirements and capabilities, reducing design costs. For other entities using the facilities for their own disaster recovery purposes, service level agreements and use contracts will govern the costs and services.

Impact on Agency Operating Budgets (Facilities Notes)

It is anticipated that the long-term cost savings associated with ownership and increased opportunities for shared services will be realized, and the impact on participating state and local agency operating budgets will be a reduction in costs following construction, outfitting and relocation.

Previous Appropriations for this Project

No previous appropriations.

OET Data Center Consolidation Predesign & Design**Other Considerations**

In addition to the security, business continuation, capacity and data center consolidation benefits, this initiative will allow for conversion of a significant amount of space in Centennial Office Building to the more appropriate office uses for which it was designed.

The Greater Minnesota location will provide a number of technology jobs at that location for data center operation, equipment and software maintenance, and site management. The metro site staffing will largely be relocated from the Centennial building and from current agency data centers.

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Governor's Recommendations (To be completed by the Department of Finance at a later date)

DOT Building Exterior Restoration

2008 STATE APPROPRIATION REQUEST: \$13,686,000

AGENCY PROJECT PRIORITY: 1 of 11

PROJECT LOCATION: 395 John Ireland Boulevard, St. Paul

Project At A Glance

\$13.686 million in trunk highway funds to replace the structural support system for the 1,200-pound granite panels on the exterior of the Department of Transportation (DOT) Building located in the Capitol Complex.

Project Description

Deterioration of the support system for the granite panels on the exterior of the DOT Building is a life-safety issue. Without repairs spalled pieces of granite and entire granite panels will fall.

The panels sit on a steel angle, which has a welded rod fitting into a slot on the bottom of the panels. The rod, along with lateral stone anchors, holds the granite in place. The original angles were 3/8 inch thick; at this time the rusting has caused some of the angles to expand to almost an inch thick. This expansion is lifting each of the granite panels to the top of its retaining slot, adversely impacting the ability of the slot to hold the panel to the wall, and the upward force is compressing the top of the panel against the sill above, damaging the sill and causing the granite to crack and spall. In addition to the expansion caused by the rusting, it is estimated that up to 30% of the load bearing capability of the angles has been lost.

The movement of the panels is greatest during the winter, when water behind the panels freezes and pushes on the panel. The Department of Administration (Admin) began monitoring the movement of 25 panels during the winter of 2004-2005. Despite a mild winter with little precipitation, the monitoring documented movement of the panels. This confirmed the failure of the system. The stone anchors located on both sides of the panels no longer provide lateral support, and, more significantly, the toe-rod welded to

the horizontal leg of the shelf angle no longer engages the groove in the bottom of the panels.

Monitoring continued the winter of 2005-2006. Additional panel movement was identified and although an immediate repair was not required, our consultant acknowledged that "the observed movements confirm that the façade panel supports do not provide adequate restraint to resist the environment forces and the force caused by the development of rust on the shelf angles. A restoration of the façade support system is required to prevent the eventual failure of a panel".

The most recent monitoring update, from December 8, 2006, indicates that:

- spalling of panels has occurred at numerous locations
- formation of rust and delamination of the support angles has occurred throughout the façade
- sealant joints are no longer watertight
- on the west elevation where exterior stone panels were removed, severely rusted vertical I-beams, which provide support for the curtain wall frame, were revealed.

Work to repair and secure the panels would involve removing them, replacing the angles and clips, installing additional flashing and weeps, repairing damage caused by the movement to adjacent sills and metal panels, and reinstalling the panels.

The biggest cost item would be the removal and reinstallation of the three-inch thick, 1,200-pound panels. In an effort to minimize this, Admin reviewed a number of options, including working with the panels in place, cutting them in half to reduce the weight, and replacing them with another type of panel and recycling or selling the granite. Unfortunately, none of these options have proved to be more cost effective or feasible.

The state needs to do this work now, before a catastrophic failure and a panel or a piece of a panel falls. Each year of additional rusting and resulting shifting of the panels increases the risk they will fall. As a safety precaution, fencing has been installed at key pedestrian areas around the perimeter of the building. In addition, cribbing and protective structures have been installed to protect the roof and the mechanical equipment on the roof, from damage from the spalling granite.

DOT Building Exterior Restoration

Admin made the initial request to fund this project in the 2002 capital budget. Subsequent requests were made in 2004, 2005, 2006 and 2007. The 2006 Transportation Bill, and the 2007 Bonding and Transportation Bills, each included funding for the project but did not become law.

Impact on Agency Operating Budgets (Facilities Notes)

In as much as the DOT Building is structurally sound and significant interior improvements have been made, the retention and preservation of this asset is appropriate stewardship of state resources.

The cost of the DOT exterior stabilization, based upon a bond-financed appropriation backed by the trunk highway fund, would be paid directly by Mn/DOT and would not impact the Lease rate.

Previous Appropriations for this Project

There has been considerable renovation work done to the interior of the DOT Building. Between the years 1992 and 1998 approximately \$44 million was appropriated to address life safety and environmental deficiencies, update electrical and mechanical systems to meet changing occupant needs, abate hazardous materials, and provide for the latest in technological improvements.

Other Considerations

Local fire/safety codes citations in the 1980s prompted significant appropriations for renovation of the DOT Building over the past decade. Subsequent interior renovations have now corrected the infractions. Once those life/safety issues were addressed, the legislature appropriated funding in FY 1998 to tuck-point the exterior. It was during the course of this work that workers discovered the problems to be addressed by this request.

The condition of the angles continues to deteriorate. If the work contained in this request is not done in the near future, either an angle will fail, or water freezing behind the panels will push one of them off of its retaining slot. In either case, a 1,200-pound panel will fall. On May 18, 2007, the Department of Labor and Industry and the City of St. Paul issued a citation on the

building, finding "unsafe conditions that in all probability will lead to hazardous conditions if not addressed," and stating that it is not a question of whether they will become hazardous, but when. Abatement of the condition was formally ordered, "to ensure that the building can continue to be occupied and used in a safe condition." Additionally, our basic and reinsurance policies on the building now exclude coverage for any event related to panel support failures.

The DOT Building is a significant presence on the Capitol Complex. Its preservation is in keeping with the long-range strategic plan of both Admin and the Capitol Area Architectural and Planning Board. It is anticipated that completion of this work would allow the continued use of the building for the next 30 years.

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Governor's Recommendations (To be completed by the Department of Finance at a later date)

Property Acquisition

2008 STATE APPROPRIATION REQUEST: \$2,325,000

AGENCY PROJECT PRIORITY: 2 of 11

PROJECT LOCATION:

Project At A Glance

\$2,325,000, combined with existing appropriations, to acquire an available property in the Capitol Complex located at 639 Jackson Street to meet existing needs and for possible future state development.

Project Description

In 2006, the Central Park United Methodist Church notified the department of the intent to sell the property located at 639 Jackson Street, St. Paul. The State of Minnesota and Central Park United Methodist Church entered into a purchase agreement, subject to an appropriation of funding during the 2007 Legislative session. The bonding bill was not passed during the 2007 Legislative session. The State of Minnesota was able to obtain an extension of the purchase agreement in order to seek funding during the 2008 Legislative session.

The Office of Administrative Hearings will relocate to the Stassen Building in 2007 and has a significant need for visitor parking. In addition, the Departments of Agriculture, Health and Revenue all require visitor parking in the immediate area. The acquisition of the entire property at 639 Jackson Street will provide approximately 90 additional parking stalls for customers served by these agencies.

This funding would also allow the state to perform due diligence activities (i.e. environmental, title, inspections, etc.), demolish the building and develop temporary parking.

Impact on Agency Operating Budgets (Facilities Notes)

The 90 new parking stalls would be metered to provide parking for customers served by agencies located in the surrounding area. Rates will be set to recover the cost of debt service.

Previous Appropriations for this Project

In 1998, 2000 and 2002 funds were appropriated for acquisition of land and to purchase options in order to hold properties that meet state development needs. Funds totaling \$855,322 have been encumbered for the purchase agreement and other related contracts. All other funds under these appropriations have been expended.

Other Considerations

Land available for development in and surrounding the Capitol Area is limited, with only a small window to capitalize on strategic opportunities to maximize the state-owned infrastructure located in the Capitol Area. Regions Hospital currently leases office and storage space at 639 Jackson Street. If the State fails to elect to exercise its first right of refusal, the property will likely be sold to a third party.

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Governor's Recommendations (To be completed by the Department of Finance at a later date)

Statewide CAPRA

2008 STATE APPROPRIATION REQUEST: \$5,000,000

AGENCY PROJECT PRIORITY: 3 of 11

PROJECT LOCATION: State-owned facilities throughout Minnesota

Project At A Glance

- Capital Asset Preservation and Replacement Account (CAPRA): \$5 million in general obligation bond funds to support emergency repairs and unanticipated hazardous material abatement needs for State Agency facilities.
- CAPRA funds previously requested by the Department of Administration (Admin) for known agency renewal projects are now included in each individual agency's asset preservation capital budget requests.

Project Description

CAPRA, established under M.S. 16A.632, is a statewide fund centrally managed by Admin for use by all state agencies. CAPRA funds support emergency repairs and unanticipated hazardous material abatement needs for state agency facilities.

(Note: Asset preservation capital budget requests are made by individual state agencies to address known facility repair and maintenance needs of the facilities under their custodial control, and should not be confused with this request. Higher Education Asset Preservation and Replacement, or HEAPR, funding is requested separately by the Minnesota State Colleges and Universities and the University of Minnesota, and should also not be confused with this request.)

Projects that received CAPRA funding when the program started fell into three categories:

1. Emergencies of all kinds
2. Hazardous material abatement

3. Non-recurring, small repair and maintenance projects ranging in cost from \$25,000 to \$350,000

As facility repair and maintenance needs outgrew the ability to be adequately funded by CAPRA, individual agencies began making capital budget requests for asset preservation. Projects done with these asset preservation funds were the same types of projects done with CAPRA funds, but generally had project costs of over \$350,000.

Given the parallel nature of the asset preservation and CAPRA programs, the need to more efficiently plan, manage, and complete projects and the potential cost savings opportunities to bundle projects together, a decision was made in FY 2004 to limit the types of projects funded by CAPRA to only emergency and immediate need, including unanticipated abatement. Agency asset preservation requests now fund eligible repair and maintenance projects costing between \$25,000 and \$350,000. The decision to limit the types of projects funded by CAPRA has decreased the amount of funding requested for CAPRA, and increased the amount of funding requested by agencies for asset preservation projects.

State Agencies served by the CAPRA program in the past include Administration, Perpich Center for Arts Education, Corrections, Employment and Economic Development, Minnesota Historical Society, Human Services, Military Affairs, Minnesota State Academies, Natural Resources, Veterans Home Board, and the Minnesota Zoological Gardens.

Impact on Agency Operating Budgets (Facilities Notes)

CAPRA funding provides rapid financial assistance to agencies for emergencies and unanticipated abatement needs. This keeps agency funds available for ongoing operations and helps mitigate additional damage.

Previous Appropriations for this Project

Since the program was created in 1990, \$79.9 million has been appropriated for CAPRA projects through state bonding bills.

Other Considerations

Statewide CAPRA

This CAPRA request does not fund known agency repair and maintenance projects. Those types of projects are included in agency asset preservation requests, which are also important to fund. The amount of this request is based on historical spending as well as anticipated needs. Asset renewal continues to be an issue, and adequately maintaining state facilities is imperative to support the delivery of service to our customers, the taxpayers and citizens of Minnesota.

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Governor's Recommendations (To be completed by the Department of Finance at a later date)

Capitol Complex Security Upgrades

2008 STATE APPROPRIATION REQUEST: \$2,050,000

AGENCY PROJECT PRIORITY: 5 of 11

PROJECT LOCATION: Capitol Complex

Project At A Glance

Security events around the country, coupled with the findings of the recently completed Vulnerability Assessments of the Capitol complex facilities conducted by the Minnesota National Guard, emphasize the need for greater security and control throughout the Capitol complex. This request focuses on identification of design solutions and implementation of the highest priority vulnerabilities from the Minnesota National Guard and the Department of Public Safety/Capitol Security.

Project Description

The Department of Administration is requesting funds to support the design and implementation of various “high vulnerability” risks at Capitol Complex facilities as identified by the Minnesota National Guard in their recently completed Vulnerability Assessment reports.

BACKGROUND

Following the events of September 11, 2001, numerous enhancements to the overall security and control of the Capitol Complex facilities were implemented. These actions, while effective, were not all encompassing. Beginning in early 2006, the Minnesota National Guard conducted Full Spectrum Integrated Vulnerability Assessments of all Capitol Complex facilities.

Each report contains Structural, Infrastructure and Emergency Management assessments which provide a series of specific findings that fall into one of two categories:

- Vulnerability

A situation or circumstance that, if left unchanged, may result in the loss of life or damage to mission-essential resources. Vulnerabilities are identified with respect to the characteristics of a system that cause it to suffer a definite degradation (incapability to perform the designated mission) as a result of having been subjected to natural or manmade events.

- Recommendation

A recommendation is a description of a possible course of action that may be taken to reduce risk.

This capital request focuses on implementation of the highest priority “vulnerability” findings. Those findings, which are common to virtually all buildings, include the following:

- Creation of accurate exclusive and non-exclusive standoff zones for each building.
- Restriction/control of vehicular access within and near standoff and other critical zones.

Work scope includes provision of vehicular security gates at all parking lots, ramps and loading docks that are located within 25 meters (82 feet) of occupied buildings. Access to these facilities will be controlled by use of the employee’s identification badge. In addition, where access to such facilities is required by non-state employee vehicles (van pool vehicles, delivery vehicles, buses, etc.) a guard shack will also be provided. Staffing costs related to these positions will be requested by Capitol Security separately from this request.

- Comprehensive and immediate control capability for access to all Capitol complex buildings and their associated pedestrian and utility tunnels. Gaps have been identified in the Judicial Center, State Capitol, Administration, State Office, DOT, Veterans Services and Centennial buildings.

Work scope includes provision and installation of additional security system control panels, electric door strikes and card readers.

Impact on Agency Operating Budgets (Facilities Notes)

Capitol Complex Security Upgrades**Previous Appropriations for this Project**

No Previous Appropriations

Other Considerations**Project Contact Person**

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Governor's Recommendations (To be completed by the Department of Finance at a later date)

Governor's Residence Predesign

2008 STATE APPROPRIATION REQUEST: \$75,000

AGENCY PROJECT PRIORITY: 7 of 11

PROJECT LOCATION: St. Paul

Project At A Glance

The Department of Administration (Admin) is requesting funds for a formal review through Predesign of the Governor's Residence that will determine cost, scope, and schedule for preservation of the Residence, in addition to addressing operational needs. The Predesign would analyze the costs of continuing to maintain the existing residence compared to other alternatives.

Project Description

Admin is submitting this request to address the facility's preservation and operational issues of the Governor's Residence. At present, many shortcomings exist in the condition and suitability of this facility. Preservation issues that need to be explored include:

- create a second exit stairway from the 3rd floor to meet code requirements;
- extend the existing elevator from 1st floor to 3rd floor to provide required accessibility;
- improve the mechanical, electrical, technical and security systems;
- remodel the kitchen to commercial use;
- provide a separation between public (ceremonial meeting rooms) and private (residential areas);
- restore masonry on the Residence and Carriage House
- repair/replace perimeter fence and stone balusters;
- repair/replace the front walkway; and
- install energy efficient windows.

The Governor's Residence Council (GRC) updated the master plan for the residence in 1997 with input from architects versed in historical preservation, and the Admin. The work noted above is consistent with this plan.

The home and grounds were donated to the State of Minnesota for use as a residence for the Governor and first family in 1965. Some remodeling has occurred in public areas and the Carriage House. The upper 2 floors in the Residence have not received much work since the state acquired the Residence.

Operational issues have never been studied in detail. These would determine the suitability of the building and grounds for meeting the required operations. In addition, there are code related issues on accessibility that currently prevent full use the Residence. Operational issues include:

- Remodeling existing bedrooms to create guest suite for visiting dignitaries;
- Separation of public and private areas; and
- Addressing security needs.

Impact on Agency Operating Budgets (Facilities Notes)

Previous Appropriations for this Project

In 2006, Admin received asset preservation funds; \$105,000 was dedicated to upgrading the fire alarm system at the Governor's Residence.

Other Considerations

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Governor's Recommendations (To be completed by the Department of Finance at a later date)

LRT Impact Study

2008 STATE APPROPRIATION REQUEST: \$350,000

AGENCY PROJECT PRIORITY: 8 of 11

PROJECT LOCATION:

Project At A Glance

Study the impact and implications of the proposed LRT system and associated land-use plans on access and real estate the Capitol complex (employees, visitors and vehicles) and develop a long range strategic plan for Capitol complex facilities which fully leverages the opportunities created by these changes.

Project Description

The Department of Administration (Admin) is requesting funds to prepare a long range strategic plan for Capitol complex facilities which incorporates the known and anticipated changes which will result from the construction of Light Rail Transit and the associated land use revisions along the University Avenue corridor.

BACKGROUND

Admin previously contracted with URS Corporation in late 2001 for a Transportation Alternatives Study for the Capitol complex. The purpose of the study was to devise alternative transportation strategies aimed at reducing the overall demand for parking on the Capitol complex. The study, conducted in the fall of 2001, makes no reference, however, to the Hiawatha LRT line (opened in summer 2004) or the potential for the construction of the University Avenue LRT.

NEW CHALLENGES AND OPPORTUNITIES

There are a number of projects currently in the planning stages which, when implemented, will have a profound impact on the Capitol complex and the surrounding area.

- Subject to receiving the required funding from the Legislature, The Metropolitan Council is prepared to initiate formal design of the University Avenue Light Rail Transit (LRT) which will link downtown St. Paul with the University of Minnesota and downtown Minneapolis.
- The City of St. Paul has been working aggressively for over a year with the help of a consultant to formulate a Central Corridor Development Strategy. That document establishes the City's vision and a set of strategies for how the Central Corridor should grow and change over the next 25-30 years in the response to the LRT investment.
- The Legislature is being asked to fund a major restoration project for the State Capitol which will be taking place concurrently with the construction of the LRT system.

In light of these projects and their anticipated impact on the Capitol complex, it is essential that a comprehensive study be undertaken to ensure the state:

- Achieves full and seamless integration of the LRT system with Capitol complex facilities.
- Develops operational strategies which encourage the use of LRT for employees and visitors.
- Identifies facilities and land that will be needed to support long term staffing needs and program objectives.

Impact on Agency Operating Budgets (Facilities Notes)**Previous Appropriations for this Project**

No previous appropriations.

Other Considerations**Project Contact Person**

Department of Administration

LRT Impact Study

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Governor's Recommendations (To be completed by the Department of Finance at a later date)

DOT Building Exterior Restoration

2008 STATE APPROPRIATION REQUEST: \$13,686,000

AGENCY PROJECT PRIORITY: 1 of 11

PROJECT LOCATION: 395 John Ireland Boulevard, St. Paul

Project At A Glance

\$13.686 million in trunk highway funds to replace the structural support system for the 1,200-pound granite panels on the exterior of the Department of Transportation (DOT) Building located in the Capitol Complex.

Project Description

Deterioration of the support system for the granite panels on the exterior of the DOT Building is a life-safety issue. Without repairs spalled pieces of granite and entire granite panels will fall.

The panels sit on a steel angle, which has a welded rod fitting into a slot on the bottom of the panels. The rod, along with lateral stone anchors, holds the granite in place. The original angles were 3/8 inch thick; at this time the rusting has caused some of the angles to expand to almost an inch thick. This expansion is lifting each of the granite panels to the top of its retaining slot, adversely impacting the ability of the slot to hold the panel to the wall, and the upward force is compressing the top of the panel against the sill above, damaging the sill and causing the granite to crack and spall. In addition to the expansion caused by the rusting, it is estimated that up to 30% of the load bearing capability of the angles has been lost.

The movement of the panels is greatest during the winter, when water behind the panels freezes and pushes on the panel. The Department of Administration (Admin) began monitoring the movement of 25 panels during the winter of 2004-2005. Despite a mild winter with little precipitation, the monitoring documented movement of the panels. This confirmed the failure of the system. The stone anchors located on both sides of the panels no longer provide lateral support, and, more significantly, the toe-rod welded to

the horizontal leg of the shelf angle no longer engages the groove in the bottom of the panels.

Monitoring continued the winter of 2005-2006. Additional panel movement was identified and although an immediate repair was not required, our consultant acknowledged that "the observed movements confirm that the façade panel supports do not provide adequate restraint to resist the environment forces and the force caused by the development of rust on the shelf angles. A restoration of the façade support system is required to prevent the eventual failure of a panel".

The most recent monitoring update, from December 8, 2006, indicates that:

- spalling of panels has occurred at numerous locations
- formation of rust and delamination of the support angles has occurred throughout the façade
- sealant joints are no longer watertight
- on the west elevation where exterior stone panels were removed, severely rusted vertical I-beams, which provide support for the curtain wall frame, were revealed.

Work to repair and secure the panels would involve removing them, replacing the angles and clips, installing additional flashing and weeps, repairing damage caused by the movement to adjacent sills and metal panels, and reinstalling the panels.

The biggest cost item would be the removal and reinstallation of the three-inch thick, 1,200-pound panels. In an effort to minimize this, Admin reviewed a number of options, including working with the panels in place, cutting them in half to reduce the weight, and replacing them with another type of panel and recycling or selling the granite. Unfortunately, none of these options have proved to be more cost effective or feasible.

The state needs to do this work now, before a catastrophic failure and a panel or a piece of a panel falls. Each year of additional rusting and resulting shifting of the panels increases the risk they will fall. As a safety precaution, fencing has been installed at key pedestrian areas around the perimeter of the building. In addition, cribbing and protective structures have been installed to protect the roof and the mechanical equipment on the roof, from damage from the spalling granite.

DOT Building Exterior Restoration

Admin made the initial request to fund this project in the 2002 capital budget. Subsequent requests were made in 2004, 2005, 2006 and 2007. The 2006 Transportation Bill, and the 2007 Bonding and Transportation Bills, each included funding for the project but did not become law.

Impact on Agency Operating Budgets (Facilities Notes)

In as much as the DOT Building is structurally sound and significant interior improvements have been made, the retention and preservation of this asset is appropriate stewardship of state resources.

The cost of the DOT exterior stabilization, based upon a bond-financed appropriation backed by the trunk highway fund, would be paid directly by Mn/DOT and would not impact the Lease rate.

Previous Appropriations for this Project

There has been considerable renovation work done to the interior of the DOT Building. Between the years 1992 and 1998 approximately \$44 million was appropriated to address life safety and environmental deficiencies, update electrical and mechanical systems to meet changing occupant needs, abate hazardous materials, and provide for the latest in technological improvements.

Other Considerations

Local fire/safety codes citations in the 1980s prompted significant appropriations for renovation of the DOT Building over the past decade. Subsequent interior renovations have now corrected the infractions. Once those life/safety issues were addressed, the legislature appropriated funding in FY 1998 to tuck-point the exterior. It was during the course of this work that workers discovered the problems to be addressed by this request.

The condition of the angles continues to deteriorate. If the work contained in this request is not done in the near future, either an angle will fail, or water freezing behind the panels will push one of them off of its retaining slot. In either case, a 1,200-pound panel will fall. On May 18, 2007, the Department of Labor and Industry and the City of St. Paul issued a citation on the

building, finding “unsafe conditions that in all probability will lead to hazardous conditions if not addressed,” and stating that it is not a question of whether they will become hazardous, but when. Abatement of the condition was formally ordered, “to ensure that the building can continue to be occupied and used in a safe condition.” Additionally, our basic and reinsurance policies on the building now exclude coverage for any event related to panel support failures.

The DOT Building is a significant presence on the Capitol Complex. Its preservation is in keeping with the long-range strategic plan of both Admin and the Capitol Area Architectural and Planning Board. It is anticipated that completion of this work would allow the continued use of the building for the next 30 years.

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Governor's Recommendations (To be completed by the Department of Finance at a later date)

Property Acquisition

2008 STATE APPROPRIATION REQUEST: \$2,325,000

AGENCY PROJECT PRIORITY: 2 of 11

PROJECT LOCATION:

Project At A Glance

\$2,325,000, combined with existing appropriations, to acquire an available property in the Capitol Complex located at 639 Jackson Street to meet existing needs and for possible future state development.

Project Description

In 2006, the Central Park United Methodist Church notified the department of the intent to sell the property located at 639 Jackson Street, St. Paul. The State of Minnesota and Central Park United Methodist Church entered into a purchase agreement, subject to an appropriation of funding during the 2007 Legislative session. The bonding bill was not passed during the 2007 Legislative session. The State of Minnesota was able to obtain an extension of the purchase agreement in order to seek funding during the 2008 Legislative session.

The Office of Administrative Hearings will relocate to the Stassen Building in 2007 and has a significant need for visitor parking. In addition, the Departments of Agriculture, Health and Revenue all require visitor parking in the immediate area. The acquisition of the entire property at 639 Jackson Street will provide approximately 90 additional parking stalls for customers served by these agencies.

This funding would also allow the state to perform due diligence activities (i.e. environmental, title, inspections, etc.), demolish the building and develop temporary parking.

Impact on Agency Operating Budgets (Facilities Notes)

The 90 new parking stalls would be metered to provide parking for customers served by agencies located in the surrounding area. Rates will be set to recover the cost of debt service.

Previous Appropriations for this Project

In 1998, 2000 and 2002 funds were appropriated for acquisition of land and to purchase options in order to hold properties that meet state development needs. Funds totaling \$855,322 have been encumbered for the purchase agreement and other related contracts. All other funds under these appropriations have been expended.

Other Considerations

Land available for development in and surrounding the Capitol Area is limited, with only a small window to capitalize on strategic opportunities to maximize the state-owned infrastructure located in the Capitol Area. Regions Hospital currently leases office and storage space at 639 Jackson Street. If the State fails to elect to exercise its first right of refusal, the property will likely be sold to a third party.

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Governor's Recommendations (To be completed by the Department of Finance at a later date)

Statewide CAPRA

2008 STATE APPROPRIATION REQUEST: \$5,000,000

AGENCY PROJECT PRIORITY: 3 of 11

PROJECT LOCATION: State-owned facilities throughout Minnesota

Project At A Glance

- Capital Asset Preservation and Replacement Account (CAPRA): \$5 million in general obligation bond funds to support emergency repairs and unanticipated hazardous material abatement needs for State Agency facilities.
- CAPRA funds previously requested by the Department of Administration (Admin) for known agency renewal projects are now included in each individual agency's asset preservation capital budget requests.

Project Description

CAPRA, established under M.S. 16A.632, is a statewide fund centrally managed by Admin for use by all state agencies. CAPRA funds support emergency repairs and unanticipated hazardous material abatement needs for state agency facilities.

(Note: Asset preservation capital budget requests are made by individual state agencies to address known facility repair and maintenance needs of the facilities under their custodial control, and should not be confused with this request. Higher Education Asset Preservation and Replacement, or HEAPR, funding is requested separately by the Minnesota State Colleges and Universities and the University of Minnesota, and should also not be confused with this request.)

Projects that received CAPRA funding when the program started fell into three categories:

1. Emergencies of all kinds
2. Hazardous material abatement

3. Non-recurring, small repair and maintenance projects ranging in cost from \$25,000 to \$350,000

As facility repair and maintenance needs outgrew the ability to be adequately funded by CAPRA, individual agencies began making capital budget requests for asset preservation. Projects done with these asset preservation funds were the same types of projects done with CAPRA funds, but generally had project costs of over \$350,000.

Given the parallel nature of the asset preservation and CAPRA programs, the need to more efficiently plan, manage, and complete projects and the potential cost savings opportunities to bundle projects together, a decision was made in FY 2004 to limit the types of projects funded by CAPRA to only emergency and immediate need, including unanticipated abatement. Agency asset preservation requests now fund eligible repair and maintenance projects costing between \$25,000 and \$350,000. The decision to limit the types of projects funded by CAPRA has decreased the amount of funding requested for CAPRA, and increased the amount of funding requested by agencies for asset preservation projects.

State Agencies served by the CAPRA program in the past include Administration, Perpich Center for Arts Education, Corrections, Employment and Economic Development, Minnesota Historical Society, Human Services, Military Affairs, Minnesota State Academies, Natural Resources, Veterans Home Board, and the Minnesota Zoological Gardens.

Impact on Agency Operating Budgets (Facilities Notes)

CAPRA funding provides rapid financial assistance to agencies for emergencies and unanticipated abatement needs. This keeps agency funds available for ongoing operations and helps mitigate additional damage.

Previous Appropriations for this Project

Since the program was created in 1990, \$79.9 million has been appropriated for CAPRA projects through state bonding bills.

Other Considerations

Statewide CAPRA

This CAPRA request does not fund known agency repair and maintenance projects. Those types of projects are included in agency asset preservation requests, which are also important to fund. The amount of this request is based on historical spending as well as anticipated needs. Asset renewal continues to be an issue, and adequately maintaining state facilities is imperative to support the delivery of service to our customers, the taxpayers and citizens of Minnesota.

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Governor's Recommendations (To be completed by the Department of Finance at a later date)

2008 STATE APPROPRIATION REQUEST: \$0

AGENCY PROJECT PRIORITY: 4 of 11

PROJECT LOCATION: Capitol Complex

Project At A Glance

Project Description

Impact on Agency Operating Budgets (Facilities Notes)

Previous Appropriations for this Project

Other Considerations

Project Contact Person

Governor's Recommendations (To be completed by the Department of Finance at a later date)

Capitol Complex Security Upgrades

2008 STATE APPROPRIATION REQUEST: \$2,050,000

AGENCY PROJECT PRIORITY: 5 of 11

PROJECT LOCATION: Capitol Complex

Project At A Glance

Security events around the country, coupled with the findings of the recently completed Vulnerability Assessments of the Capitol complex facilities conducted by the Minnesota National Guard, emphasize the need for greater security and control throughout the Capitol complex. This request focuses on identification of design solutions and implementation of the highest priority vulnerabilities from the Minnesota National Guard and the Department of Public Safety/Capitol Security.

Project Description

The Department of Administration is requesting funds to support the design and implementation of various "high vulnerability" risks at Capitol Complex facilities as identified by the Minnesota National Guard in their recently completed Vulnerability Assessment reports.

BACKGROUND

Following the events of September 11, 2001, numerous enhancements to the overall security and control of the Capitol Complex facilities were implemented. These actions, while effective, were not all encompassing. Beginning in early 2006, the Minnesota National Guard conducted Full Spectrum Integrated Vulnerability Assessments of all Capitol Complex facilities.

Each report contains Structural, Infrastructure and Emergency Management assessments which provide a series of specific findings that fall into one of two categories:

- Vulnerability

A situation or circumstance that, if left unchanged, may result in the loss of life or damage to mission-essential resources. Vulnerabilities are identified with respect to the characteristics of a system that cause it to suffer a definite degradation (incapability to perform the designated mission) as a result of having been subjected to natural or manmade events.

- Recommendation

A recommendation is a description of a possible course of action that may be taken to reduce risk.

This capital request focuses on implementation of the highest priority "vulnerability" findings. Those findings, which are common to virtually all buildings, include the following:

- Creation of accurate exclusive and non-exclusive standoff zones for each building.
- Restriction/control of vehicular access within and near standoff and other critical zones.

Work scope includes provision of vehicular security gates at all parking lots, ramps and loading docks that are located within 25 meters (82 feet) of occupied buildings. Access to these facilities will be controlled by use of the employee's identification badge. In addition, where access to such facilities is required by non-state employee vehicles (van pool vehicles, delivery vehicles, buses, etc.) a guard shack will also be provided. Staffing costs related to these positions will be requested by Capitol Security separately from this request.

- Comprehensive and immediate control capability for access to all Capitol complex buildings and their associated pedestrian and utility tunnels. Gaps have been identified in the Judicial Center, State Capitol, Administration, State Office, DOT, Veterans Services and Centennial buildings.

Work scope includes provision and installation of additional security system control panels, electric door strikes and card readers.

Impact on Agency Operating Budgets (Facilities Notes)

Capitol Complex Security Upgrades**Previous Appropriations for this Project**

No Previous Appropriations

Other Considerations**Project Contact Person**

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Governor's Recommendations (To be completed by the Department of Finance at a later date)

Agency Relocation

2008 STATE APPROPRIATION REQUEST: \$0

AGENCY PROJECT PRIORITY: 6 of 11

PROJECT LOCATION:

Project At A Glance

\$(TBD) in general fund dollars for agency relocation funding is needed to move state operations from existing locations when it improves agency operations, yields budget benefits and/or facilitates better service to customers. This request is for needs not covered under other capital requests.

Project Description

\$200,000

Funds are needed to relocate agencies where an unanticipated situation occurs that requires relocation such as a landlord not renewing an agency's lease at its expiration, a facility is sold, an agency needs to reduce space, a reorganization needs to be implemented, remodeling needs to be accomplished or an agency can substantially reduce its rent.

\$TBD

The Department of Administration's Travel Management Division and Surplus Services Unit will combine to form one division to streamline operations and strengthen administrative and business office support. Funds are needed to relocate the Travel Management Division from a nonstate owned leased facility to the State owned Surplus Property Building in Arden Hills to facilitate the merger.

Relocation funding is used to move furniture, equipment, voice and data.

Impact on Agency Operating Budgets (Facilities Notes)

None

Previous Appropriations for this Project

None

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Governor's Recommendations (To be completed by the Department of Finance at a later date)

Governor's Residence Predesign

2008 STATE APPROPRIATION REQUEST: \$75,000

AGENCY PROJECT PRIORITY: 7 of 11

PROJECT LOCATION: St. Paul

Project At A Glance

The Department of Administration (Admin) is requesting funds for a formal review through Predesign of the Governor's Residence that will determine cost, scope, and schedule for preservation of the Residence, in addition to addressing operational needs. The Predesign would analyze the costs of continuing to maintain the existing residence compared to other alternatives.

Project Description

Admin is submitting this request to address the facility's preservation and operational issues of the Governor's Residence. At present, many shortcomings exist in the condition and suitability of this facility. Preservation issues that need to be explored include:

- create a second exit stairway from the 3rd floor to meet code requirements;
- extend the existing elevator from 1st floor to 3rd floor to provide required accessibility;
- improve the mechanical, electrical, technical and security systems;
- remodel the kitchen to commercial use;
- provide a separation between public (ceremonial meeting rooms) and private (residential areas);
- restore masonry on the Residence and Carriage House
- repair/replace perimeter fence and stone balusters;
- repair/replace the front walkway; and
- install energy efficient windows.

The Governor's Residence Council (GRC) updated the master plan for the residence in 1997 with input from architects versed in historical preservation, and the Admin. The work noted above is consistent with this plan.

The home and grounds were donated to the State of Minnesota for use as a residence for the Governor and first family in 1965. Some remodeling has occurred in public areas and the Carriage House. The upper 2 floors in the Residence have not received much work since the state acquired the Residence.

Operational issues have never been studied in detail. These would determine the suitability of the building and grounds for meeting the required operations. In addition, there are code related issues on accessibility that currently prevent full use the Residence. Operational issues include:

- Remodeling existing bedrooms to create guest suite for visiting dignitaries;
- Separation of public and private areas; and
- Addressing security needs.

Impact on Agency Operating Budgets (Facilities Notes)

Previous Appropriations for this Project

In 2006, Admin received asset preservation funds; \$105,000 was dedicated to upgrading the fire alarm system at the Governor's Residence.

Other Considerations

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Governor's Recommendations (To be completed by the Department of Finance at a later date)

LRT Impact Study

2008 STATE APPROPRIATION REQUEST: \$350,000

AGENCY PROJECT PRIORITY: 8 of 11

PROJECT LOCATION:

Project At A Glance

Study the impact and implications of the proposed LRT system and associated land-use plans on access and real estate the Capitol complex (employees, visitors and vehicles) and develop a long range strategic plan for Capitol complex facilities which fully leverages the opportunities created by these changes.

Project Description

The Department of Administration (Admin) is requesting funds to prepare a long range strategic plan for Capitol complex facilities which incorporates the known and anticipated changes which will result from the construction of Light Rail Transit and the associated land use revisions along the University Avenue corridor.

BACKGROUND

Admin previously contracted with URS Corporation in late 2001 for a Transportation Alternatives Study for the Capitol complex. The purpose of the study was to devise alternative transportation strategies aimed at reducing the overall demand for parking on the Capitol complex. The study, conducted in the fall of 2001, makes no reference, however, to the Hiawatha LRT line (opened in summer 2004) or the potential for the construction of the University Avenue LRT.

NEW CHALLENGES AND OPPORTUNITIES

There are a number of projects currently in the planning stages which, when implemented, will have a profound impact on the Capitol complex and the surrounding area.

- Subject to receiving the required funding from the Legislature, The Metropolitan Council is prepared to initiate formal design of the University Avenue Light Rail Transit (LRT) which will link downtown St. Paul with the University of Minnesota and downtown Minneapolis.
- The City of St. Paul has been working aggressively for over a year with the help of a consultant to formulate a Central Corridor Development Strategy. That document establishes the City's vision and a set of strategies for how the Central Corridor should grow and change over the next 25-30 years in the response to the LRT investment.
- The Legislature is being asked to fund a major restoration project for the State Capitol which will be taking place concurrently with the construction of the LRT system.

In light of these projects and their anticipated impact on the Capitol complex, it is essential that a comprehensive study be undertaken to ensure the state:

- Achieves full and seamless integration of the LRT system with Capitol complex facilities.
- Develops operational strategies which encourage the use of LRT for employees and visitors.
- Identifies facilities and land that will be needed to support long term staffing needs and program objectives.

Impact on Agency Operating Budgets (Facilities Notes)

Previous Appropriations for this Project

No previous appropriations.

Other Considerations

Project Contact Person

Department of Administration

LRT Impact Study

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Governor's Recommendations (To be completed by the Department of Finance at a later date)

Environmental Campus Planning & Predesign

2008 STATE APPROPRIATION REQUEST: \$0

AGENCY PROJECT PRIORITY: 9 of 11

PROJECT LOCATION:

Project At A Glance

- ◆ Planning and predesign of a facility housing DNR, PCA, BWSR, and DLI
- ◆ Providing strategic environmental leadership in holistic manner
- ◆ Showcasing urban sustainable strategies
- ◆ Collaboration of the environmental agencies living their mission

Project Description

The Department of Natural Resources (DNR), the Pollution Control Agency (PCA), the Board of Water and Soil Resources (BWSR), and the Department of Labor and Industry (DLI), are seeking to demonstrate their environmental leadership by headquartering together in a highly energy efficient building sited in a way to take advantage of existing infrastructure while preserving the natural landscape.

Living each mission to protect, reflect the values of, and conserve natural resources is of high importance to all of the agencies. Opportunities for sharing space will minimize the footprint of the building; pursuing B3 (Buildings, Benchmarks, and Beyond) and LEED (Leadership in Energy and Environmental Design) certification will maximize energy savings; and planting a sustainable landscape and managing storm water will showcase good site management and carbon sequestration.

Having the Department of Labor and Industry (DLI) included in this project provides a unique opportunity for partnership with the building trades and for the advancement of sustainable construction methods that will have a positive, long-term change in how buildings and sites are developed and constructed in the future.

Projects

Opportunities for cohesive environmental leadership, demonstration of sustainable practices in design and construction, “one-stop” service for citizens with environmental issues or permitting needs, and the significant long-term cost savings of ownership combine to make this project extremely viable and pertinent for today and the future.

The environmental agencies have a long-standing practice of partnership, including BWSR, the Clean Water Council, the Interagency Water Resources Team, and the Interagency Wetland Committee among others. Co-location will facilitate the agencies’ move to a new level of holistic and strategic leadership in the sustainable arena, demonstrating their interest in speaking with a single voice on issues relating to the environment.

All four of the agencies have clientele in common, such as local governmental units, property owners seeking permits for work on lakeshores, and various environmental groups. Co-location will facilitate the ability to further integrate and consolidate licensing, permitting, and financial assistance application processes, thereby reducing the burden on customers with needs touching several of the agencies.

A “green” environmental campus will provide a multi-dimensional demonstration of sustainable development practices that goes beyond providing citizen customers with answers and information for today by educating and motivating them to move to the next level of environmental stewardship. Sustainable opportunities include green roofs, renewable energy sources, water management on site and conservation within the building.

DLI will work with the design team to facilitate the integration of building and energy code compliance with green building technology in this campus. The affirmation of the compatibility of the regulatory aspects of code regulation with the goals of the Minnesota Sustainable Building Guidelines (B3) will help to inform all participants on the scope and achievable features of green building technology and produce a model campus on the forefront of response to concerns of sustainability and functionality.

Environmental Campus Planning & Predesign

In addition to the critical alignment with their missions, it is anticipated that moving from leased space to owned space will provide significant cost savings to the agencies and hence the state.

Impact on Agency Operating Budgets (Facilities Notes)

It is anticipated that the long-term cost savings associated with ownership and increased opportunities for shared services will be realized, and the impact on agency operating budgets will be a reduction in costs over time.

Previous Appropriations for this Project

No previous appropriations.

Other Considerations

The agencies expect to increase their effectiveness in service delivery in the new facility. They already share responsibilities for preserving the State's natural lands, air and waters; strategic location of staff within shared space will greatly increase the opportunities for both planned and serendipitous synergies.

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Governor's Recommendations (To be completed by the Department of Finance at a later date)

OET Data Center Consolidation Predesign & Design

2008 STATE APPROPRIATION REQUEST: \$0

AGENCY PROJECT PRIORITY: 10 of 11

PROJECT LOCATION: .

Project At A Glance

Predesign and design of two data centers to:

- ◆ Provide high security, redundant data centers for state operations
- ◆ Provide backup disaster recovery capability for agencies, higher education and local government
- ◆ Distribute computing burden for greater stability and reliability
- ◆ Support consolidation of multiple existing agency data centers for greater efficiency

Project Description

OET will develop two Tier III or Tier IV data centers servicing the state and other public agencies and levels of government. These data centers will provide load-balancing capability for high-security disaster recovery “hot sites” and service centers for clients. They will also allow for data center consolidation and/or co-location of executive branch data centers, many of which lack the security and redundancy to protect state information assets and program operations.

One of the data centers will be located in greater Minnesota and the other, which will replace the current Centennial Office Building data center, will be located in the extended metropolitan metro area.

This separation of the sites from one another and from the Capitol Complex will enhance security and reduce the impact of a catastrophic event on operations. The specific site requirements and possible locations will be developed in the course of this predesign. The sites will replace the current contracted “hot”, “warm” and “cold” sites used by various agencies and other entities, and will provide economical disaster recovery capability for agencies currently lacking that function.

Authority for this disaster recovery responsibility is provided by M.S. chapter 16E and Executive Order 05-04.

The argument for consolidation of many small data centers was made in the Drive to Excellence business case (2004), advanced in the Enterprise Master Plan for Information Management (2007) and affirmed by national public and private sector best practices in this area. Preliminary discussions with higher education systems and with county governments have indicated support for contractual arrangements that will allow these organizations to use the sites for their own disaster recovery purposes.

Objectives of this project:

- Improved reliability and access on 7x24 basis
- Common infrastructure architecture
- Reduced facilities and operational costs for staff, services
- Reduced acquisition cost for capacity and equipment
- Provision of load balancing and redundancy
- Improved security for data centers, equipment and information
- Creation of a “hotsite” for business continuity
- Improved interoperability of applications and data
- Availability for sharing with other jurisdictions and levels of government

The state will need a staged implementation and migration plan over multiple years. It is likely that the two centers will have nearly identical requirements and capabilities, reducing design costs. For other entities using the facilities for their own disaster recovery purposes, service level agreements and use contracts will govern the costs and services.

Impact on Agency Operating Budgets (Facilities Notes)

It is anticipated that the long-term cost savings associated with ownership and increased opportunities for shared services will be realized, and the impact on participating state and local agency operating budgets will be a reduction in costs following construction, outfitting and relocation.

Previous Appropriations for this Project

No previous appropriations.

OET Data Center Consolidation Predesign & Design**Other Considerations**

In addition to the security, business continuation, capacity and data center consolidation benefits, this initiative will allow for conversion of a significant amount of space in Centennial Office Building to the more appropriate office uses for which it was designed.

The Greater Minnesota location will provide a number of technology jobs at that location for data center operation, equipment and software maintenance, and site management. The metro site staffing will largely be relocated from the Centennial building and from current agency data centers.

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Governor's Recommendations (To be completed by the Department of Finance at a later date)

History Center Window Replacement

2008 STATE APPROPRIATION REQUEST: \$0

AGENCY PROJECT PRIORITY: 11 of 11

PROJECT LOCATION: St. Paul

Project At A Glance

Since its opening in 1992, the Minnesota History Center has experienced continuing problems with the exterior glazing. Failure of seal between the glass panels has resulted in fogging and water leaks inside the building. The state has spent in excess of \$300,000 over the years in replacing individual panels that have failed. And in many cases those panels have also failed. The unique glass panels are no longer available from the manufacturer.

Project Description

The Department of Administration is requesting funds to support the redesign, procurement and installation of replacement glass panels for the Minnesota History Center.

BACKGROUND

Since opening in 1992, the Minnesota History Center has experienced continuing problems with the exterior glazing. Failure of the seal between the glass panels has resulted in fogging and water leaks inside the building. Once the seal has failed, the only corrective action is to replace the entire panel.

Over the years, the state has expended in excess of \$300,000 to replace individual failed panels. And many of those panels have subsequently failed as well.

The manufacturer of the glass panels is no longer producing the product.

An alternative design solution and product source needs to be identified.

In May 2007, Howard R. Green Company was retained to study the problem and to develop a recommended solution. Their study will be complete by August 2007.

Rather than replacing individual panels as they fail, we need to develop a comprehensive plan to address the problem. The need to proceed without further delay is enhanced by the fact that the Minnesota History Center will be a prime events venue during the Republican National Convention in the late summer of 2008. We believe that we can complete the work prior to the Convention if we receive approval of the requested funding no later than May 2008.

Impact on Agency Operating Budgets (Facilities Notes)**Previous Appropriations for this Project**

No previous appropriations.

Other Considerations**Project Contact Person**

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Governor's Recommendations (To be completed by the Department of Finance at a later date)