The project team is moving forward with the out-of-scope work approved by the Capitol Preservation Commission at its May 6, 2015 meeting and subsequently funded by the legislature in the 2015 bonding bill (2015 Laws of MN, 1st Special Session, Chapter 5, Article 1, Section 8).

Consistent with the direction provided by the Preservation Commission, the authorizing language for the appropriation of funds for security enhancements requires the Commissioner of Administration to submit site security design elements to the Capitol Preservation Commission and to obtain approval of the commission prior to proceeding with construction of those elements.

Four items identified in the 2015 appropriation are presented in this document for your consideration as follows:

1. **Visitor Access/Bus Circulation – Curb Cuts into Cedar Street (North and South Locations) – Approved May 6, 2015**
2. **Modifications to Aurora Avenue – Eliminate Parking, Create a Plaza – Approved May 6, 2015**
4. **Site Security Improvements – Lighting, Cameras, Access**

Approval will be requested at this commission meeting for site security elements.
Historical Precedent – Cass Gilbert’s Vision on Aurora

Cass Gilbert’s Aurora Vision
- Straighten Aurora
- Pedestrian Friendly
- Previous angled roads to East and West no longer exist
- Cass Gilbert’s intentions believed to be straight lines
- Pavement Patterns at Plaza and Upper Mall Walkways

* Function * Architectural Integrity * Life Safety *
Historical Precedent – Cass Gilbert’s Vision on Landscaping

Cass Gilbert’s Landscaping Vision
- Central Plaza
- Central Gathering Space
- Low Plantings Near Building and Walkways
- Columnar Plantings at Aurora’s End Points
- Open Courtyard Elements at the North Quads (Lot N and Lot O)

* Function * Architectural Integrity * Life Safety *
Visitor Access/Bus Circulation

- 2 Curb Cuts on Cedar Street
- 2 School Buses each
- ADA Access to Building
- No Buses on Aurora
- No Buses in Northeast Quadrant

Additional Site Scope Detail

* Function * Architectural Integrity * Life Safety *
Additional Site Scope Detail

Modifications to Aurora Avenue

• Pedestrian Promenade using Concrete
• Plaza Gathering Space
• Elimination of Select Trees Near Building

• Low Vegetation Near Building
• Columnar Plantings at Aurora End Points
• Coordination w/ Lighting & South Stair Work

* Function * Architectural Integrity * Life Safety *
Additional Site Scope Detail

Modifications to Aurora Avenue

- Improve Security
- Pedestrian Access
- Emergency Vehicle Access
- Fixed & Removable Bollards
- Decorative Gate
- Columnar Vegetation
- Stone Balustrade
- Eliminate Parking

* Function * Architectural Integrity * Life Safety *
**Additional Site Scope Detail**

**Modifications to Aurora Avenue**

- Improve Security
- Pedestrian Access
- Emergency Vehicle Exit
- Fixed & Removable Bollards
- Decorative Gate
- Columnar Vegetation
- Stone Balustrade
- Eliminate Parking

* Function * Architectural Integrity * Life Safety *
Additional Site Scope Detail

Enhanced Landscaping for Lot O

- Eliminate Parking
- Provide Walkway Connection Between North Doors and East Doors
- ADA Accessibility
- Paving Materials
- Landscape Buffer
- Bollards to Prevent Vehicle Access
- Improved Security

Northeast Quad (Lot O)

* Function * Architectural Integrity * Life Safety *
Additional Site Scope Detail for Commission’s Approval

Security Improvements

- Gated Entry
- Vehicle Wedge Barrier or Control Gate for Entry and Exit
- Emergency Vehicle Access
- Enhanced Lighting
- Enhanced Landscaping
- Improved Security
Additional Site Scope Detail for Commission’s Approval

Security Improvements

- Single Globe Light
- Five Globe Light
- Flood Light
- Street Light
- St. Paul City Standard Light

* Function * Architectural Integrity * Life Safety *
Additional Site Scope Detail for Commission’s Approval

Security Improvements

* Function * Architectural Integrity * Life Safety *
Additional Site Scope Detail for Commission’s Approval

- Replace Slender Light Poles to match the Thicker Poles
- All Site Lighting Changed to LED
- Flood Lighting Lamps to Remain as Currently Engineered with no changes to Lamps or Location.

* Function * Architectural Integrity * Life Safety *
Additional Site Scope Detail for Commission’s Approval

Security Improvements

Lighting

B3 Requirements
• Full cut-off fixtures
• No lighting trespass at project boundaries
• 30% reduction from energy code

Existing Lighting:
• Not full cut-off fixtures
• Lighting is not fully contained within site boundaries

Enhanced Security Lighting:
• Not full cut-off fixtures – exception required
• Lighting is not fully contained within site boundaries – exception required
• Meets 30% reduction from energy code

* Function * Architectural Integrity * Life Safety *
Security Improvements

Security Cameras

Fixed Cameras
• Currently utilizing 2 on site
• Recommendation to add 1
• 3 Total

PTZ Cameras
• Currently utilizing 10 on site
• Recommendation to add 6
• 16 Total

Additional Site Scope Detail for Commission’s Approval

* Function * Architectural Integrity * Life Safety *
Next Steps

Upon acceptance of these Site Security items by the Minnesota State Capitol Preservation Commission, the design team will have approval to move forward and further develop these concepts.

The current estimate of these items is $6.2M.