

Agenda

- Historical Background
- Project Description
- Existing Building Issues
- Benchmarking Capitols
- Design Concept
- Implementation
- Scope, Schedule, Budget

Permanence • **Progress** • **National Prominence**



Minnesota State Capitol - Today



Project Understanding



Primary Issues

- Inefficient, Aging Mechanical Systems
 - Heating, Ventilation & Air Conditioning
 - Communications & Technology
- Safety & Security
 - Accessibility
- Physical Deterioration & Damage
- Inadequate & Inefficient Space
- Lack of Adequate Hearing Rooms & Office Space
- Lack of Visitor Services & Amenities



Mechanical Systems

Building Infrastructure - Today









Building Infrastructure - New





Fresh Air Intake & Loading Dock



Vehicle Proximity & Access







State Capitol Tunnel



Physical Deterioration & Damage

Moisture Infiltration







Inadequate & Inefficient Space



Visitor Accommodations



Inefficient Space Utilization









Types of Additions

When should an addition be considered?

An exterior addition should be considered once it has been determined that the new program requirements cannot be met within the existing building envelope. – National Park Service

- Exterior Additions
- "Found Space"
- Underground



United States Capitol





Virginia State Capitol





Kansas Statehouse





Kansas Statehouse Expansion



The Next 100 Years





Existing Site Plan

Preliminary

Design





Proposed Lower Level





Building Section Through Dome





Found Space - Today







New Underground Additions









New Tunnel Connection











Summary

- Safe & Energy Efficient Mechanical Systems
 - Heating, Ventilation & Air Conditioning
 - Communications & Technology
- Improved Safety & Security
 - Accessibility
- Stop Physical Deterioration & Damage
- Adequate & Efficient Space
- Adequate Hearing Rooms & Office Space
- Visitor Services & Amenities



