
David Lee
URS Office Building
Location: Columbus, Ohio
Option: Structural
Advisor: Professor Lepage
Presentation Outline



Title Page/Introduction	1
Presentation Outline	1
Project Information/Existing Conditions	4
1. Project Abstract (1 slide)	
2. Structural Systems (3)	
3. Construction Data (1)	
Thesis Proposal	20
1. Depth Study (13)	
a. Rearrangement of steel lateral system (5)	
- possible new layout considering architectural impact	
- steel member size	
- foundation impact	
b. Concrete design with post-tensioned floor slabs and shear walls (8)	
- post-tensioned slab design	
- shear wall: lateral system analysis	
- foundation impact	
2. Breadth Study (7)	
a. Cost and schedule analysis (5)	
b. Alternative mechanical system due to reduced floor depth (2)	
Assessment/Comparison	4
1. Current vs. Proposed Steel Lateral System (2)	
2. Current vs. Concrete alternative (2)	
Conclusion/Recommendation	2
Acknowledgement	1
Question	1

TOTAL SLIDES: 34