



THESIS PRESENTATION OUTLINE

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- I. **INTRODUCTION (2 slides)**
 - a. Self
 - b. Project
 - c. Outline of presentation/topics
- II. **PROJECT BACKGROUND (2 slides)**
 - a. Location
 - b. Building type/function
 - c. General statistics
 - i. Cost/Contract Type
 - ii. Schedule
 - iii. Systems
- III. **ANALYSIS #1: Contract Strategies (4 slides)**
 - a. Problem Identification/research goal
 - b. Outcome of interviews
 - c. Case study overview
 - d. Guidelines developed
- IV. **ANALYSIS #2: Precast Façade (10 slides)**
 - a. Problem Identification/research goal
 - b. Original facade
 - c. Precast façade design
 - d. Structural impact (breadth #1 = 3 slides)
 - i. Introduction
 - ii. Load calculations
 - iii. Deflection models
 - iv. Results
 - e. Schedule impact
 - f. Cost impact
 - g. Site congestion/trade coordination
 - h. Architectural implications
 - i. Recommendation and conclusion
- V. **ANALYSIS #3: Photovoltaic Array (10 slides)**
 - a. Problem Identification/research goal
 - b. System design
 - c. Structural impact
 - d. Electrical breadth (breadth #2 = 3 slides)
 - i. Introduction



- ii. Energy production
 - iii. Electrical components and system tie-in
 - iv. Results
 - e. Feasibility Analysis
 - i. System Cost
 - ii. Rebates/incentives
 - iii. Payback period
 - f. Recommendation and conclusion
- VI. SUMMARY OF CONCLUSIONS (1 slide)**
- VII. ACKNOWLEDGEMENTS (1 slide)**

PRESENTATION SUMMARY:

- Total of 30 slides
- Analysis #1 (Contract Strategies) will be briefly summarized, not presented in detail
- Both structural and electrical breadths will be presented