



Hitting the Mark

Aligning Project Scope, Design
and Construction Costs

Presenters



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Capital Project Process

Project Identification

- Demand
- Aging Infrastructure
- Public/Political Involvement
- Economic Development

Project Allocation

- Scoping
- Budgeting
- Public/Political Involvement



Design

- Consultant Selection
- Scoping
- Preliminary Design
- Alternatives
- Public Involvement

Construction

- Plans & Specifications
- Bidding
- Construction
- Project Closeout



Where are the Challenges???



Preliminary Scope and Budget

- Community and Political support
- Budget constraints
- Fully address needs
- Constraints adequately identified
- Rising costs

Design

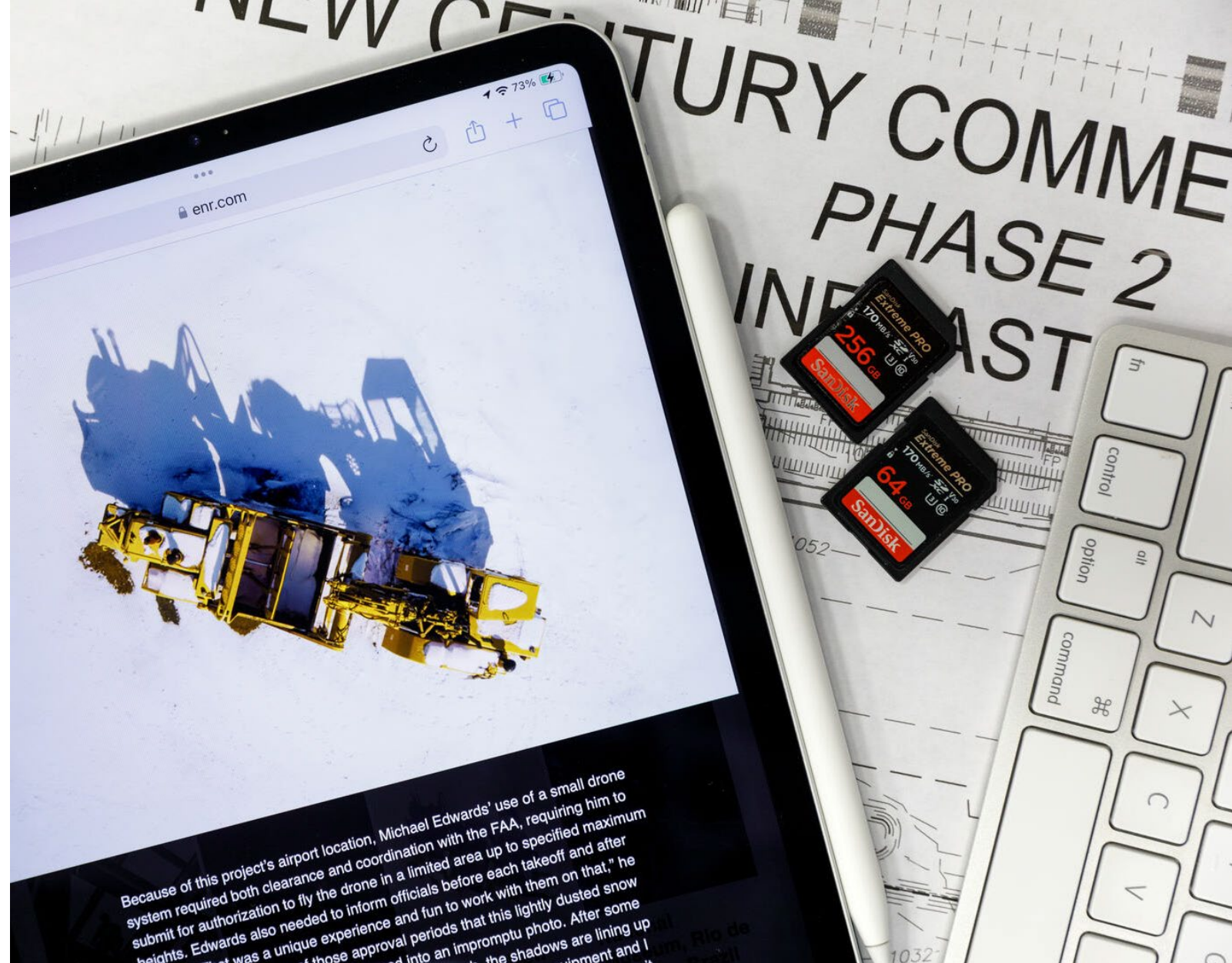
- Unforeseen conditions and scope changes
- Timeline
- Review process
- Communication



Where are the Challenges???

Bidding and Construction

- Over budget
- Material cost increases or delays
- Extended timelines





Overcoming Challenges

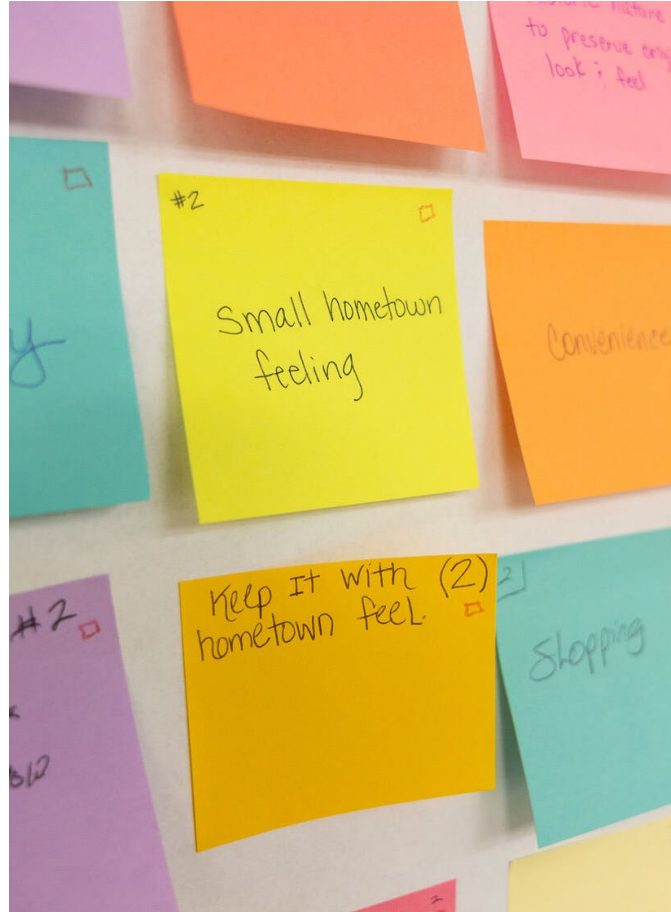
Preliminary Scope and Budget

Spend the time and money

- Underground facilities
- ROW
- Alternatives

Get political buy-in

- Public involvement
- Political involvement



Budget

- Adequate contingency
- Bidding options

Time

- Be realistic
- Understand challenges
- Understand seasonal demands

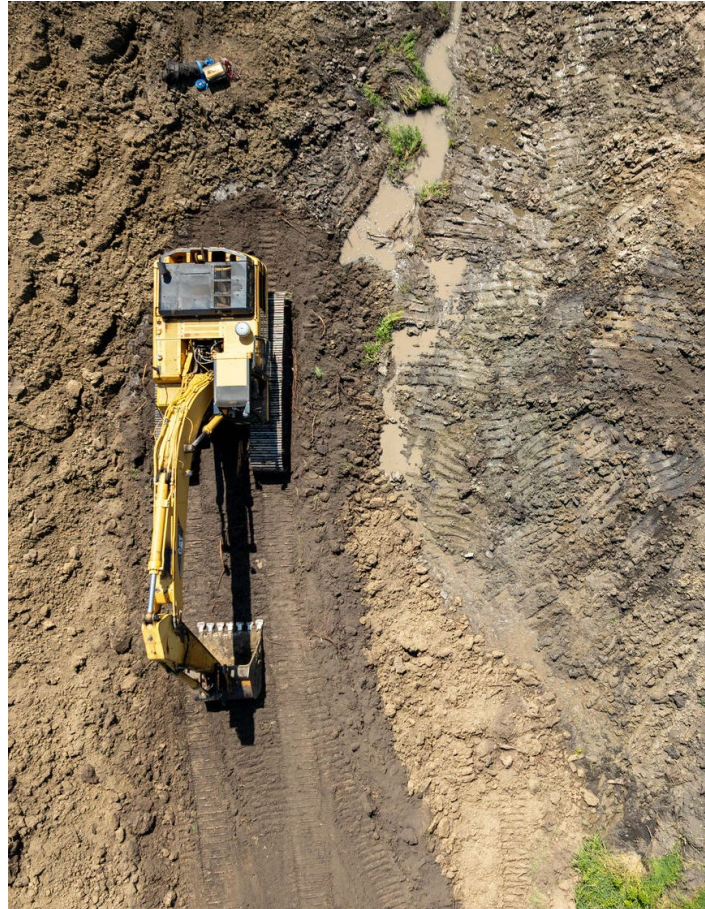


Overcoming Challenges

Design

Scope and budget

- Clear communication
- Identify and discuss challenges
- Evaluate alternatives
- Make recommendations / ask questions
- Communicate often
- Internal reviews
- Visit site!



Construction

Plans and specifications

- Clear information
- Identify and discuss challenges
- Communicate often
- Internal reviews
- Visit site!



Alignment – Keys to Success

- Spend time and money in preliminary phases
- Get buy-in early
- Evaluate alternatives and costs early
- Understand the market
- Establish good relationships
- Communicate, communicate, communicate





Questions?

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