CENTER FOR TRANSPORTATION RESEARCH

The Texas Department of Transportation (TxDOT) Alternative Delivery System (ADS) Decision-Support Tool V2.0 Presenters: Vassiliki A Demetracopoulou, William J. O'Brien, and Nabeel Khwaja





Project Delivery Method Selection Criteria

ject requires the use of innovative methodologies.
c Handling
tructor's Resource and Schedule Optimization Characteristics
gn and Construction Methods
project, the incremental costs of alternative delivery are expected to be greater than the value added ovation.
oject will significantly benefit from designer-contractor integration and the ability to transfer design erro ssions risk.
project, significant schedule savings can be achieved through design and construction overlap.
project, the procurement duration of the alternate delivery method will negatively affect the overall Ielivery duration.
project, prescriptive project requirements limit contractor innovation in terms of alternatives.
oject requires incorporating important public stakeholder <u>approval</u> of design and constructions basisions aging stakeholder expectations.
ject requires significant interaction with railroads.
(e.g., DART, Metro Rail)
te (e.g., UP, BNSF)
project, significant permits are expected to be outstanding at the time of letting/ award.
s project, the utility types listed below are expected to be outstanding at the time of letting/award.
lead, reimbursable utilities (e.g., gas, transmission lines)
lead, non-reimbursable utilities (e.g., gas, transmission lines)
c, reimbursable utilities
c, non-reimbursable utilities
te, reimbursable utilities
te, non-reimbursable utilities
s project, the location and/or market conditions are not likely to generate competitive bidding from wel d design-build contractors.
s project, the location and/or market conditions are not likely to generate competitive bidding from wel

12. For this project, the location and/or market conditions are not likely to generate competitive bidding from wellqualified design-bid-build contractors.

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collaborate. innovate. educate.

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