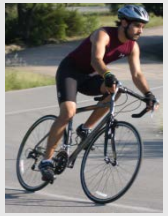


IS "A+B" RIGHT FOR MY PROJECT?

Chris Cowen, P.E.
Director of Construction, TxDOT – Bryan District

What is A+B?

Item 2

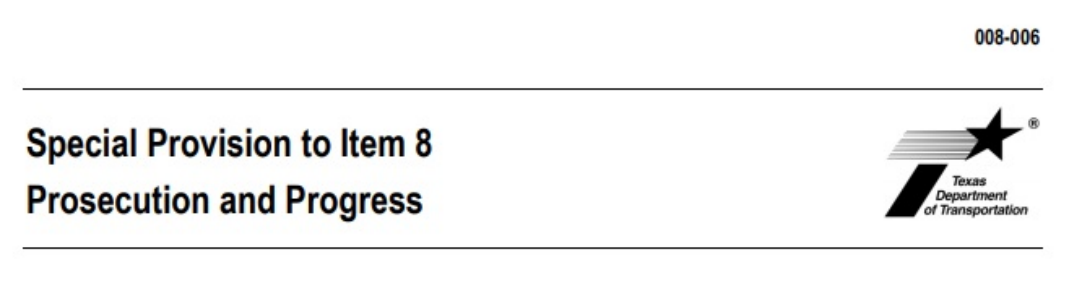
Instructions to Bidders

11. **TABULATING BIDS**

A + B Bidding. The official total bid amount will be determined by the summation of the Contract amount and the time element. The Department will use the following formula to make the calculation:

A + B1 + B2 + BX + ... + BT

What is A+B? (cont.)



008-006

Special Provision to Item 8
Prosecution and Progress

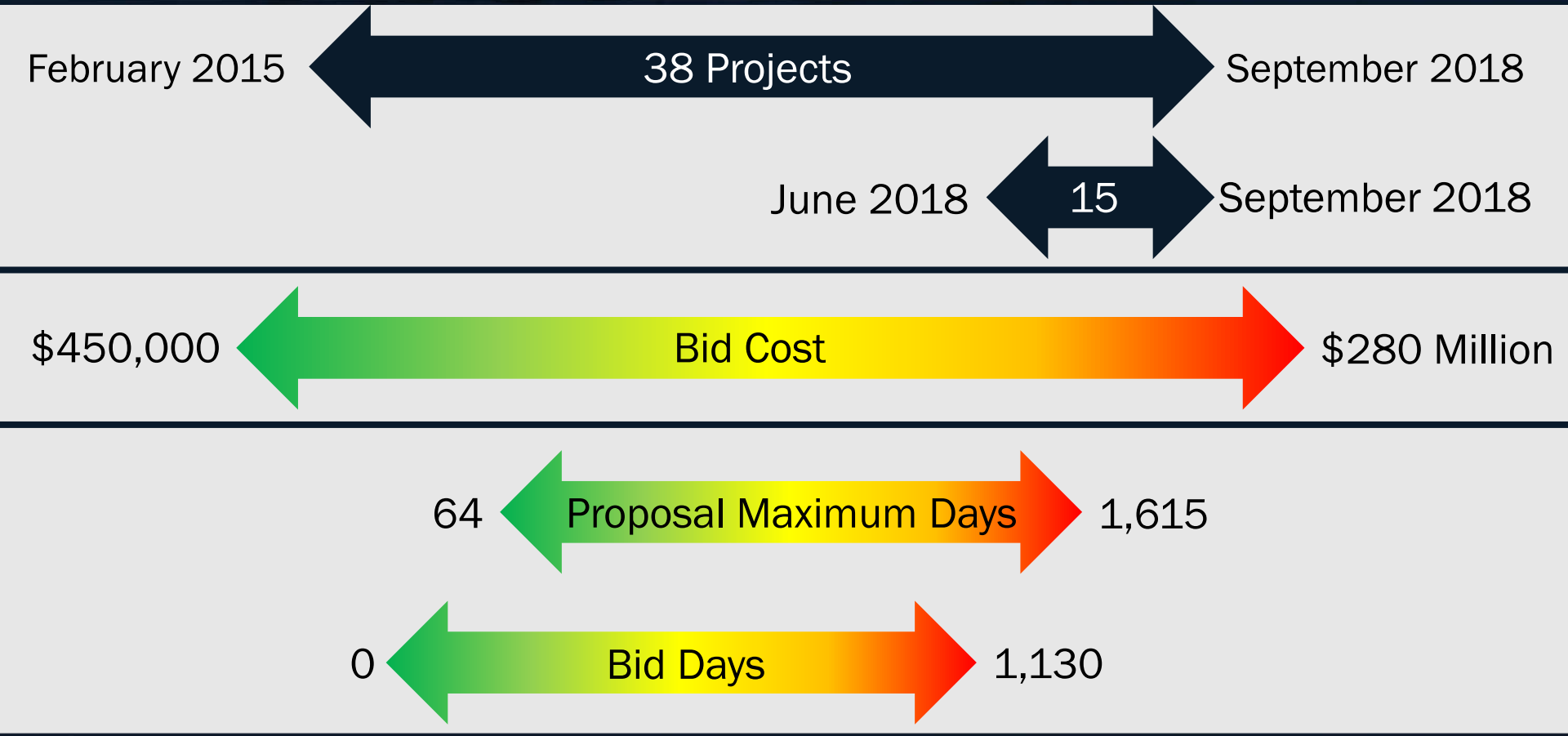
Texas Department of Transportation

- Definitions (Contract Completion, Substantial Completion)
- Allowable Time Adjustments (Scope Change, Utilities, Catastrophic Events)
- Incentives
  - Early Contract Completion (LD)
  - Early Substantial Completion (RUC)
  - 30-day Default
- Disincentives

What is A+B? (cont.)

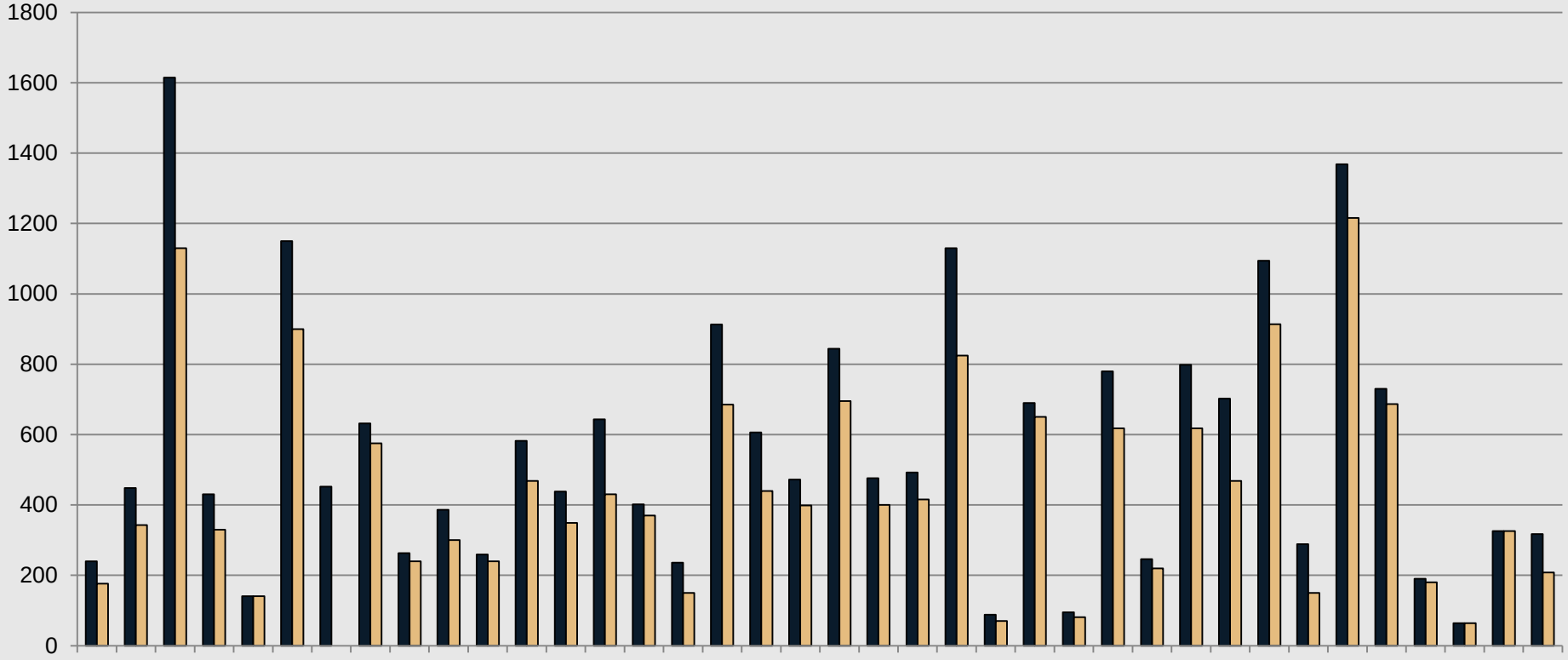
- Bryan District General Notes
  - Item 2
    - Maximum Number of Days to Substantially Complete, Minimum (Optional)
  - Item 8
    - Working Day Charges (i.e. 5-Day & 6-Day Workweeks)
    - Road User Cost
    - Disincentive (RUC + LDs)
    - Maximum Incentive
    - Days Allowed for Final Acceptance

Statewide A+B Use



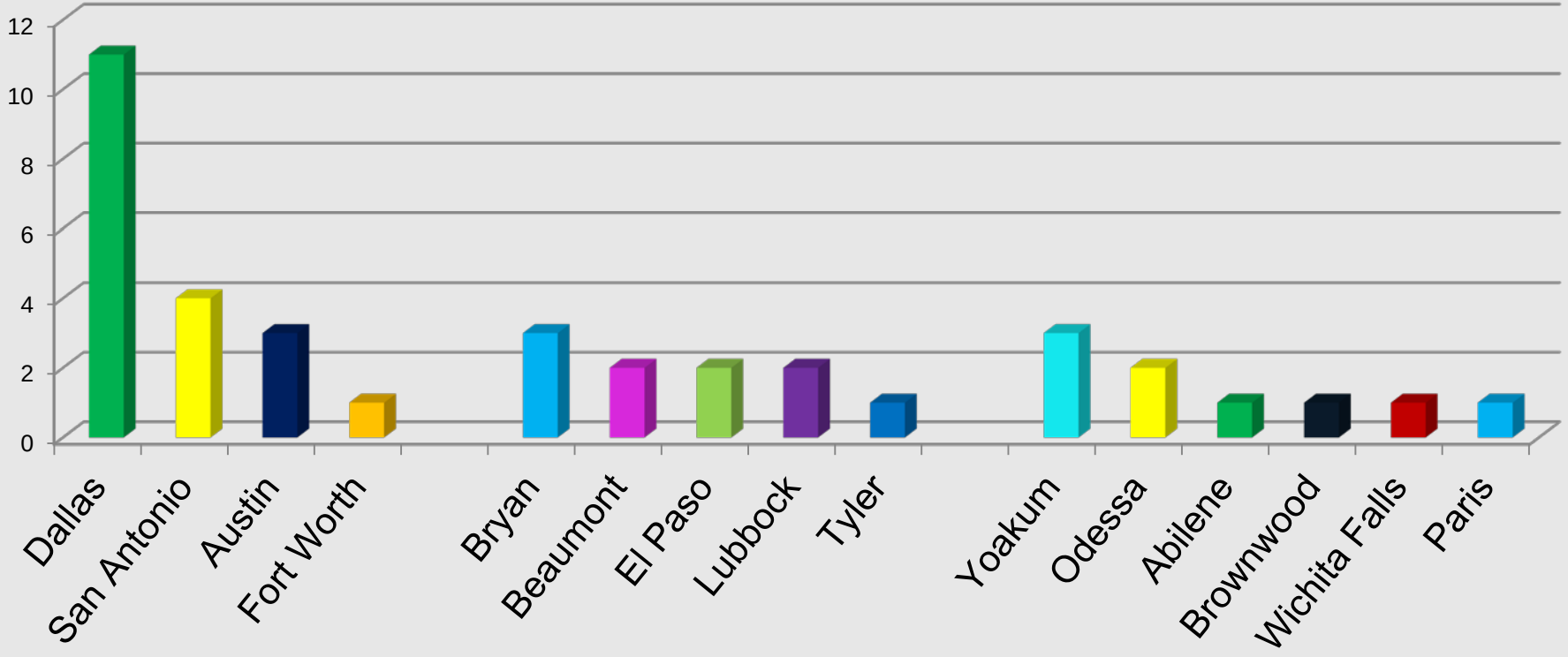
Statewide A+B Use (cont.)

- Proposal Max. Days vs. Contractor Bid Days (“B”)



Statewide A+B Use (cont.)

- District's A+B Use



A+B Use – Bryan District

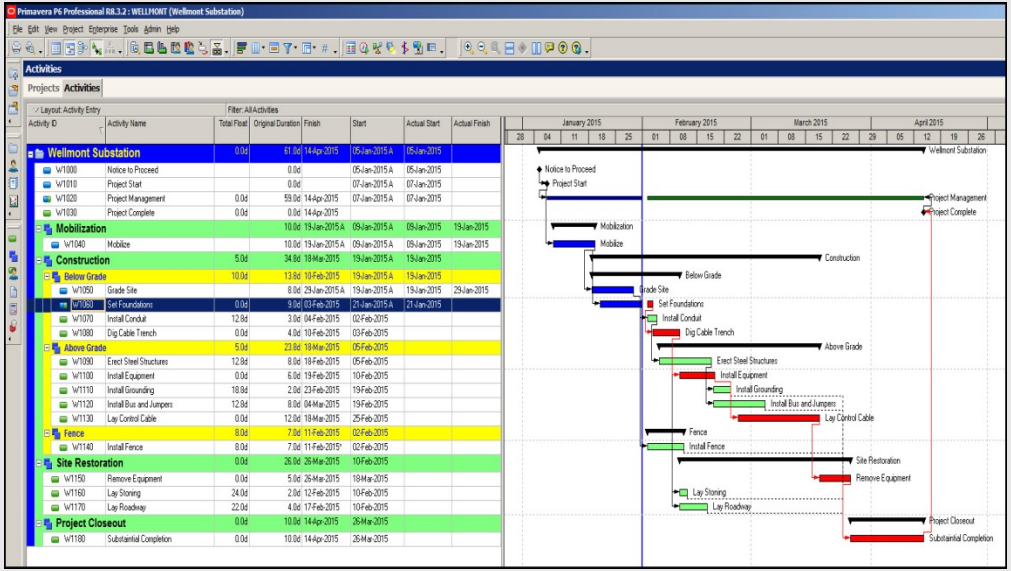
- 3 Current Projects
  - I-45 Segment 1-A
  - I-45 Segment 1-B
  - Old San Antonio Road (OSR)
- Future Projects (Major Impacts to Travelling Public)
  - Regional Mobility/Evacuation Route: I-45 Reconstruction
  - Urbanized Areas: BCS Mobility (Super Street (FM 2818), Wellborn Rd. (FM 2154), Bypass (SH 6))
  - Road Closures: OSR (Brazos County), FM 485

Design Considerations

- Ready To Let
  - ROW
  - Utilities
- Road User Cost
  - TxDOT.gov RUC webpage
  - ADT (TPP or STARS II)
  - % Trucks
  - Value of Time: Updated Annually (CPI)
  - Speed (Uninterrupted & Interrupted)
  - Time of Delay

Design Considerations (cont.)

- Time Charges
  - 5, 6, 7-Day Workweek (Weather, Material Availability, Holidays)
  - Standard Workweek
  - Calendar Day
- Contract Time Determination
  - Allow time to develop
    - '93 Circular
    - CST Updated Production Rates
    - HyPRIS (DES)
  - Get Feedback Prior to Letting
  - Share with Potential Bidders



Design Considerations (cont.)

- Budgetary Impacts
  - "Moving Target"
  - Category 1 (Pain Threshold)
  - Maximum Incentive

Construction Considerations

- Contract Activation
  - Ensure Understanding
    - Spec
    - General Notes
  - Final Acceptance
  - Milestones
- Preconstruction Meeting
- Time Charges (Follow the Spec)

Construction Considerations (cont.)

- Expedite Decision Making
  - Time is $
  - Empower Project Personnel
  - CEI
- Change Orders
  - Due Diligence when Adding Time

Is “A+B” Right For My Project?

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