

Overview of the Project Development Process



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Overall Project Development Process

- **The time it takes to produce a project varies significantly depending on the scope of the project and issues involved.**
- **Issues affecting the time include:**
 - ✓ **Environmental issues >>>> ETDM**
 - ✓ **Multiple permitting agency requirements and mitigation**
 - ✓ **Local government coordination**
 - ✓ **Community impacts assessment**
 - ✓ **Inclusion of significant design features such as major bridge structures**
 - ✓ **Range of alternatives that need to be studied**
 - ✓ **Right of Way process**

Project Development Process

The basic activities are:

- ✓ Determine project scope & resource needs
- ✓ Conduct Project Development and Environmental (PD&E) study
- ✓ Prepare Design & Right-of-Way Documents
- ✓ Acquire Right-of-Way
- ✓ Obtain Necessary Permits
- ✓ Advertise Contract

PD&E Study Process

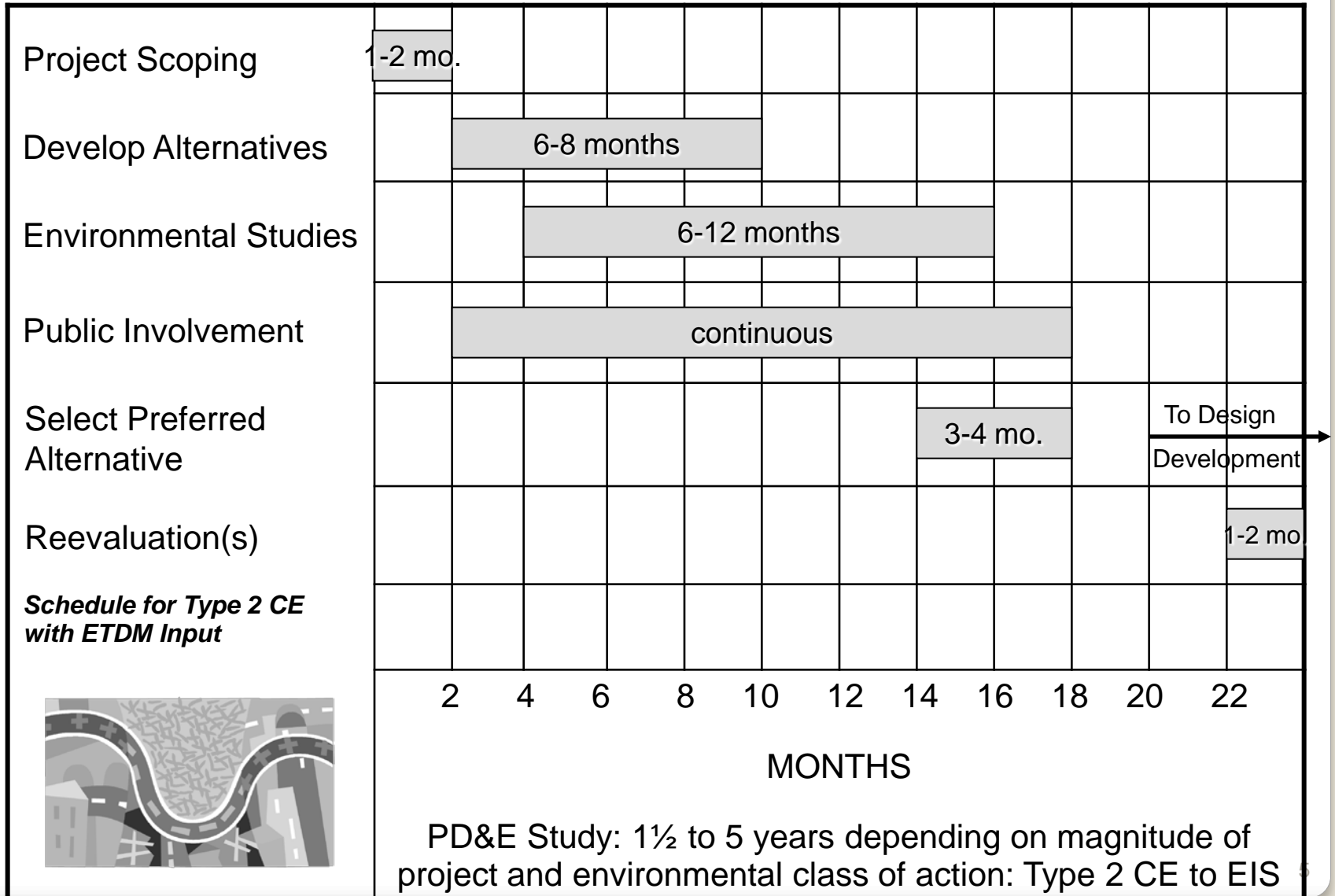
Controlled by federal law (NEPA), regulations, and state law

Key Processes:

- ✓ Develop Feasible Project Alternatives
- ✓ Develop Project Scope based on input from ETDM and select environmental class of action (EIS, EA, Type 2 CE, SEIR)
- ✓ Complete Environmental Analysis and Studies
- ✓ Perform Public Involvement and Interagency Coordination
- ✓ Select Preferred Alternative and Document Impacts and Project Location, Design and Commitments
- ✓ Reevaluation of environmental impact as project advances

After the environmental document is approved, the project is ready for its design and right of way acquisition.

PD&E Study Process



Design Development Process

Controlled by the FDOT's Office of Design

Key Processes:

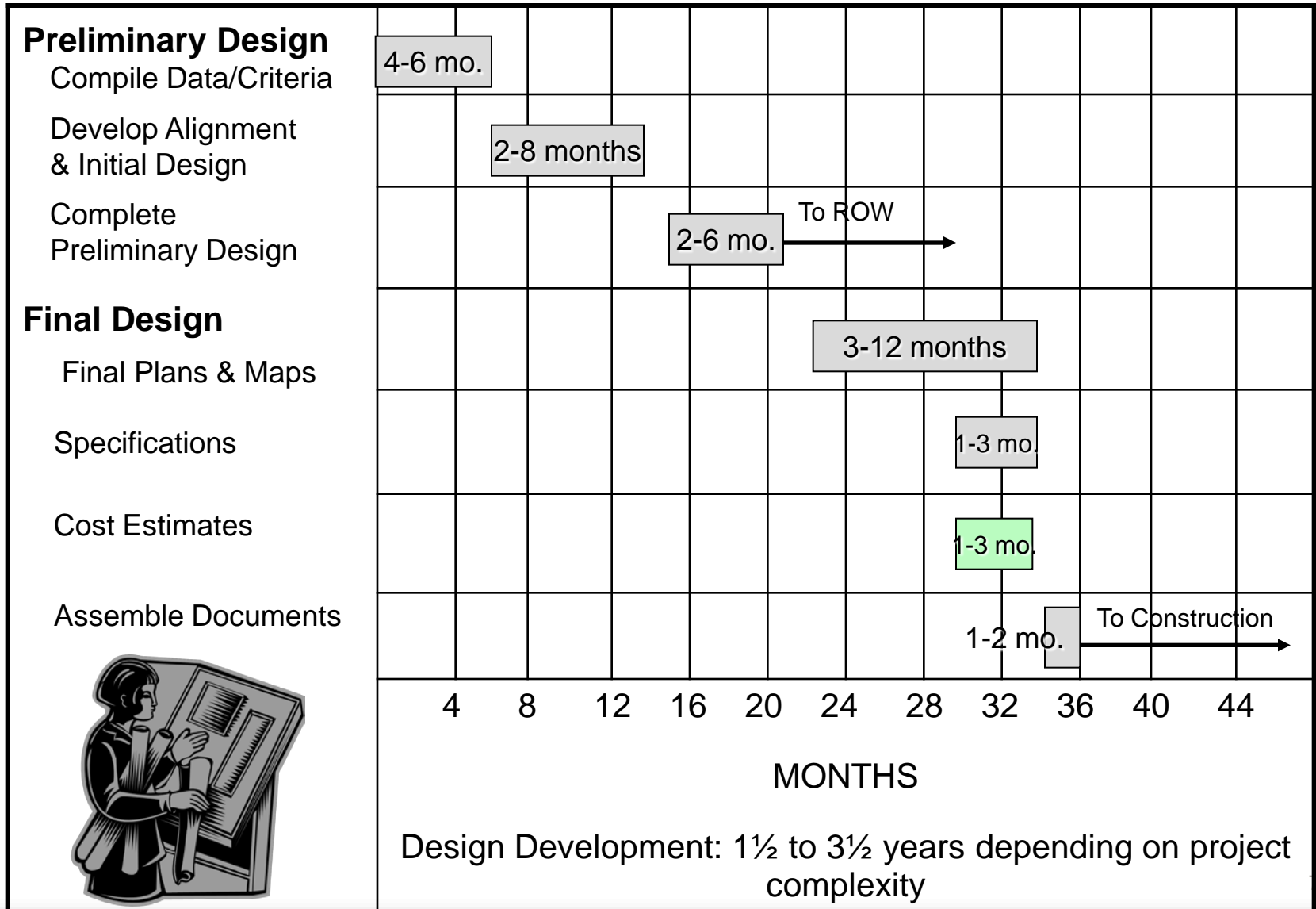
- ✓ Preliminary Engineering (Plans & Maps developed to initiate ROW acquisition process)
- ✓ Final Engineering (Plans and Specifications developed into Construction/Contract Documents)

Key Documents:

- ✓ Plans Preparation Manual
- ✓ Other Design Manuals (Structures, Drainage, Pavement, Utilities)
- ✓ Design Standards
- ✓ Computer Programs

After the Contract Documents are produced, the project is ready for Contract Letting which immediately precedes Construction.

Design Development Process (Traditional)



Right-of-Way Acquisition Process

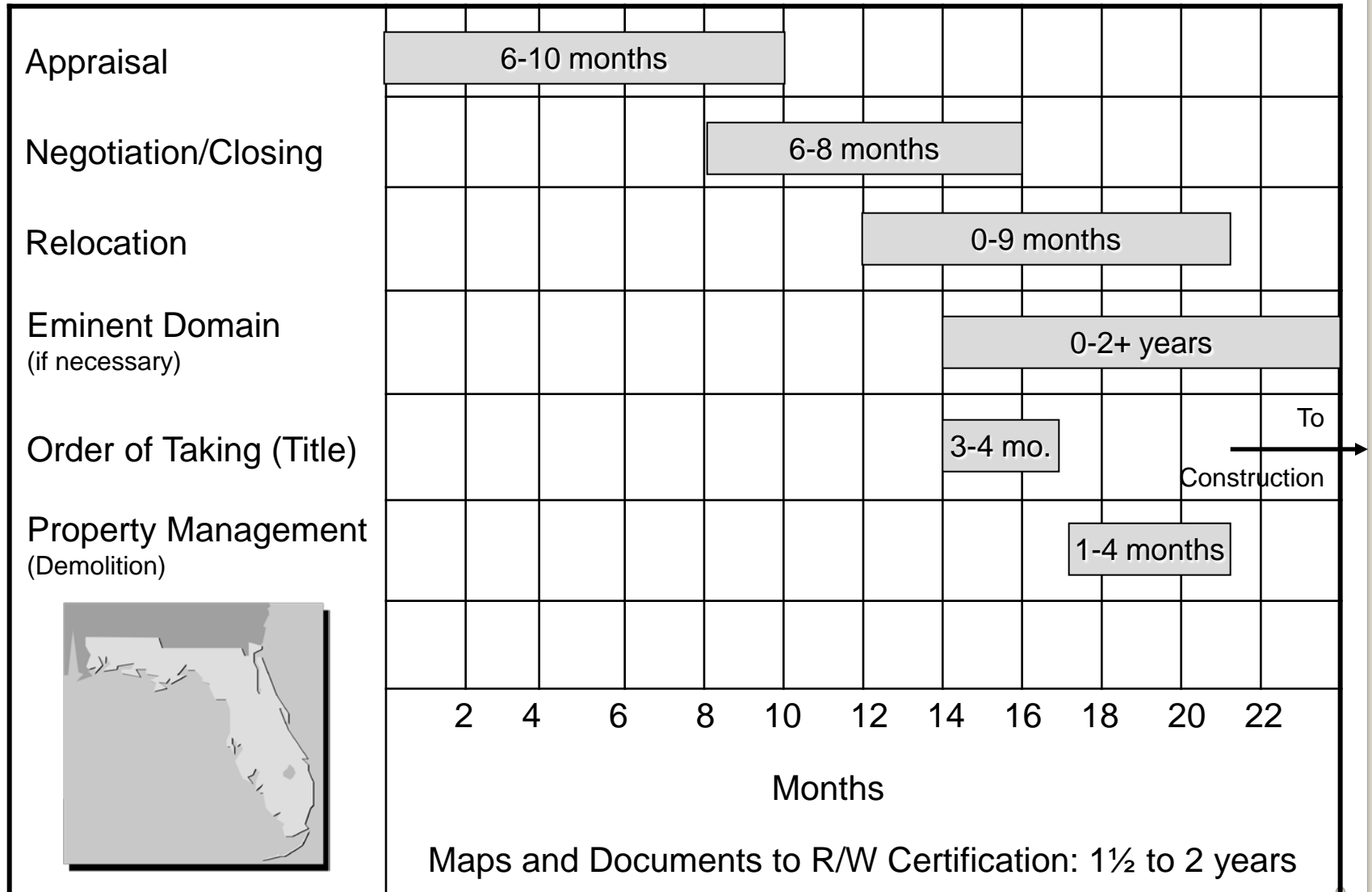
Controlled by federal law, regulations, and state law

Key Processes:

- ✓ Appraisal-value established
- ✓ Negotiation - good faith offer
- ✓ Eminent Domain - court action to acquire title
- ✓ Order of Taking (OT) - clear title passed to DOT
- ✓ Relocation/replacement options determined and offered
- ✓ Property Management - clear R/W

Once OT has occurred, the project is ready for construction to begin.

Right-of-Way Acquisition Process



Construction Contract Administration Process

Controlled federal law/regulations and state law

Key Processes:

- ✓ Prequalify Contractors
- ✓ Train Personnel (CTQP)
- ✓ Contractor's Quality Control
- ✓ Inspection & Verification
- ✓ Public & Worker Safety
- ✓ Payment Processing
- ✓ Warranties

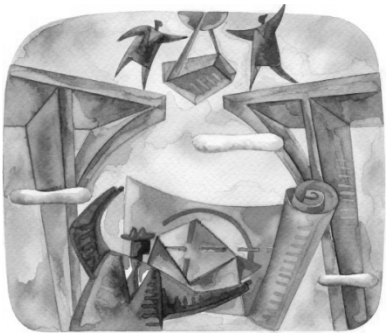
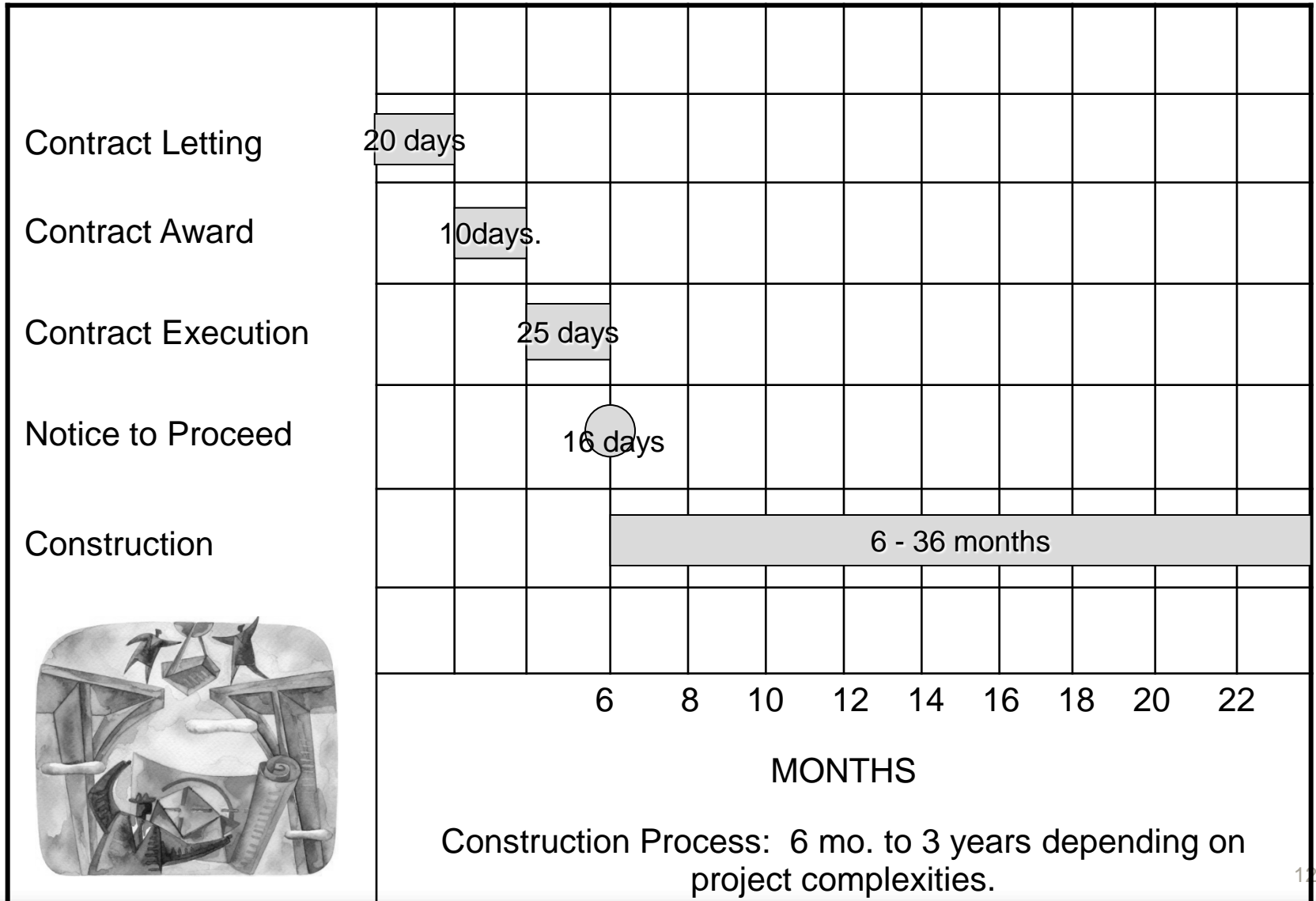
Construction Contract Administration Process

Key Documents (FDOT):

- ✓ Standard Specification
- ✓ Design Standards
- ✓ Manual of Uniform Traffic Control Devices
- ✓ Construction Procedures Manual
- ✓ Final Estimates Manual

Once Construction is complete, the project is turned over to the Maintaining Authority.

Contract Letting through Construction Process

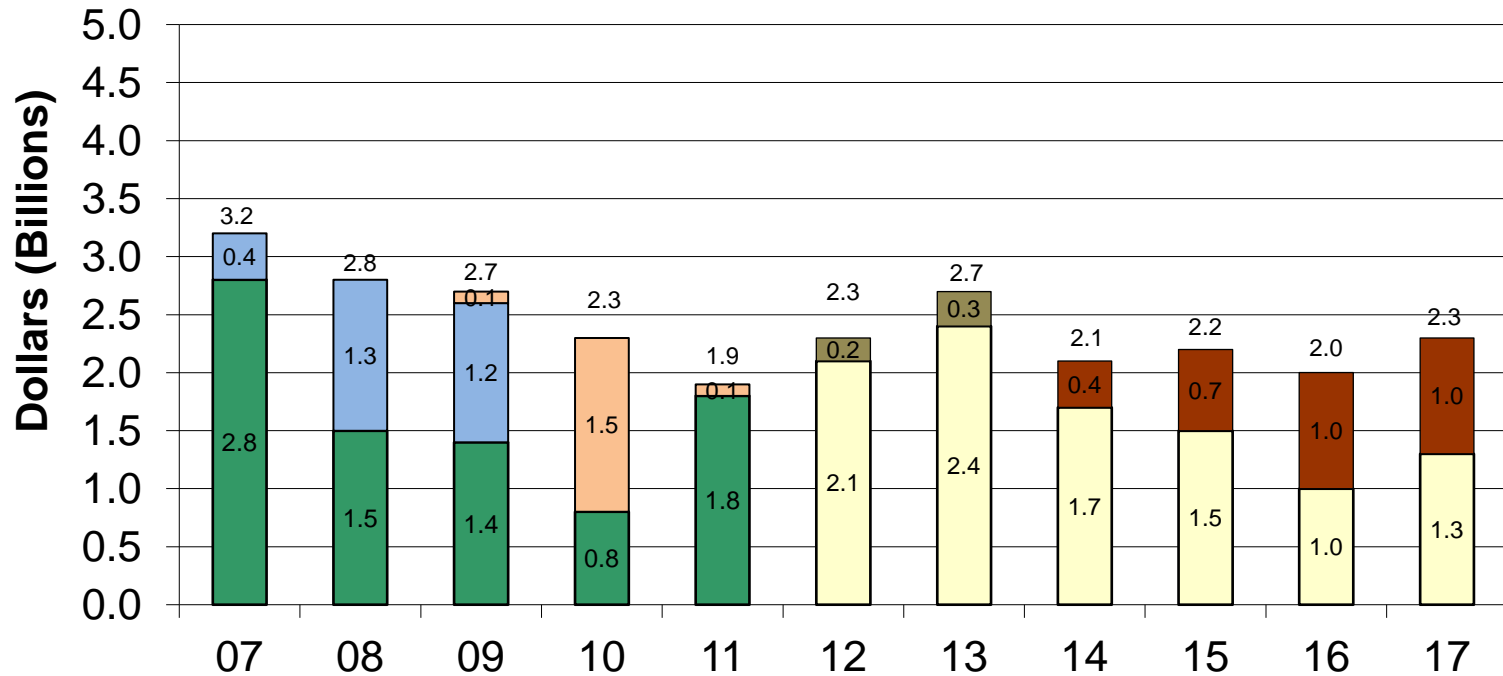


Use of Alternative Contracting

The Department uses the following Alternative Contracting methods to reduce contract time or overall contract costs. Reduced project time generates savings in contract costs and reduces impacts to motorists, businesses and residences created by work zones.

- Lane Rental
- A+B Bidding
- No Excuse Bonus
- Liquidated Savings
- Design Build
- Lump Sum
- Incentive/Disincentive
- Warranties

STATEWIDE LETTINGS - HISTORY/PLANNED



FISCAL YEARS 07 THRU 11 ARE ACTUAL LETTINGS, FISCAL YEAR 12 IS ADOPTED 7-1-2011 and FISCAL YEARS 13 THRU 17 ARE AS OF 1-11-2012 SNAPSHOT.

The above Lettings include only Highway & Bridge construction contracts for Roadway, Resurfacing, Bridge, Safety and Traffic Ops. They are contract class 1 (Central Office), 7 (District Let) and 9 (Design Build). Projects such as Public Transportation (seaports, rail, aviation, etc.) and Local Agency Program contracts, are not included.

- Actual Lettings
- Contractor Financed Projects Planned
- P3 Projects
- Planned Lettings (As of Work Program Snapshot 1-11-12)
- Potential Project Funding
- Stimulus Projects (Includes P3 with ARRA Funds and Other Funds)

Questions?