Project Development Process

This flowchart shows the project development process for major reconstruction projects or new facilities. The development process can vary from 3 to 20 years or more, depending on required environmental tasks and ROW impacts. Project development for resurfacing, restoration, or rehabilitation construction projects have more limited resources and scope; therefore, they will have reduced environmental and right of way processes to complete and a subsequent abbreviated project development process.

PLAN

Needs Identification
- City & County Elected Officials, Engineers and Managers
- Metropolitan Planning Orgs
- Rural Planning Orgs
- MPO or RPO area residents
- State Representatives
- TxDOT Engineers and Directors
- Federal Agencies

Study Alternatives, Impacts & Costs

Public Input

Project Authorization
- 24-years: Statewide Long Range Transportation Plan
- 20-years:
  - MPOs—Metro. Transportation Plans
  - RPOs —Rural Transportation Plans
- 10-years: Unified Transportation Program (UTP)
- 4-years: Statewide Transportation Improvement Program (STIP)
- 2-years: Letting Schedule

Compliance with Planning Rqmts.
- Project Readiness ranking
- Project Scoring based on strategic goals

Funding Strategy
- Federal funding
- State Highway Funds
- General Revenue and GR-dedicated funds
- Non-Traditional Funding:
  - Proposition Funds
  - Concession Funds
  - Regional Toll Revenue
  - Transportation Credits
  - Private investment
  - Local Participation

ENVIRONMENTAL

Environmental Review

TxDOT has been assigned National Environmental Policy Act (NEPA) responsibilities and other federal actions required under federal environmental law. State-only funded projects comply with 43 TAC Part 1 Chapter 2.

Interagency Coordination/ Permits

Documentation

Public Hearing

A formal event held prior to a decision for the purpose of gathering community comments and positions from all interested parties. Comments are entered into the public record and, as appropriate, incorporated into decisions.

Environmental Clearance

RIGHT OF WAY & UTILITIES

Right of Way
- Utilities
- Encroachment
- ROW Clearance
- Relocation
- Railroad

ROW & Utility Data Collection

ROW Map & Property Descriptions

ROW Appraisals

Utility Adjustments

ROW Acquisitions

DEVELOP/DESIGN

Preliminary Design Concept Conference

Data Collection

Public Meeting(s)

Formal or informal event designed for a specific issue or community group during which planners present information and receive input from community residents.

Preliminary Schematic

Major Project, Environmental Impact Statement (EIS), or Access Control **required.**

Access Control or EIS **not required.**

Geometric Schematic

Value Engineering

PLANS, SPECIFICATIONS & ESTIMATES (PS&E)

Design Concept Conference

Detailed Design
- Traffic Control
- Permits & Agreements
- Design Data Collection
- Stream Crossing Hydraulics
- Pavement Design

Final Alignments Profiles

Roadway Design
- Earthwork
- Landscape/Aesthetics
- Plan/Profile & Roadway Details
- RR/Utility/ROW Agreements and Clearances

Operational Design
- Intelligent Transportation Systems
- Signals
- Signing & Striping

Bridge Design
- Final Geotechnical Surveys
- Bridge Layouts
- Bridge Design & Details

Drainage Design
- Earthwork
- Landscape/Aesthetics
- Plan/Profile & Roadway Details

Retaining Walls/Noise Walls /Misc. Structures
- Final Geotechnical Surveys
- Retaining/Noise Wall Layouts
- Retaining/Noise Wall Design & Details
- Miscellaneous Structures

Traffic Control Plan
- Sequence of Work
- Detour Place
- Temporary Signing, Striping & Pavement Marking
- Contract Provisions
- Review

PS&E Assembly and District Review

Division Compliance Review

LETTING

Let

Side labels

PLAN AUTHORITY

DEVELOP AUTHORITY

CONSTRUCT AUTHORITY

LET AUTHORITY

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