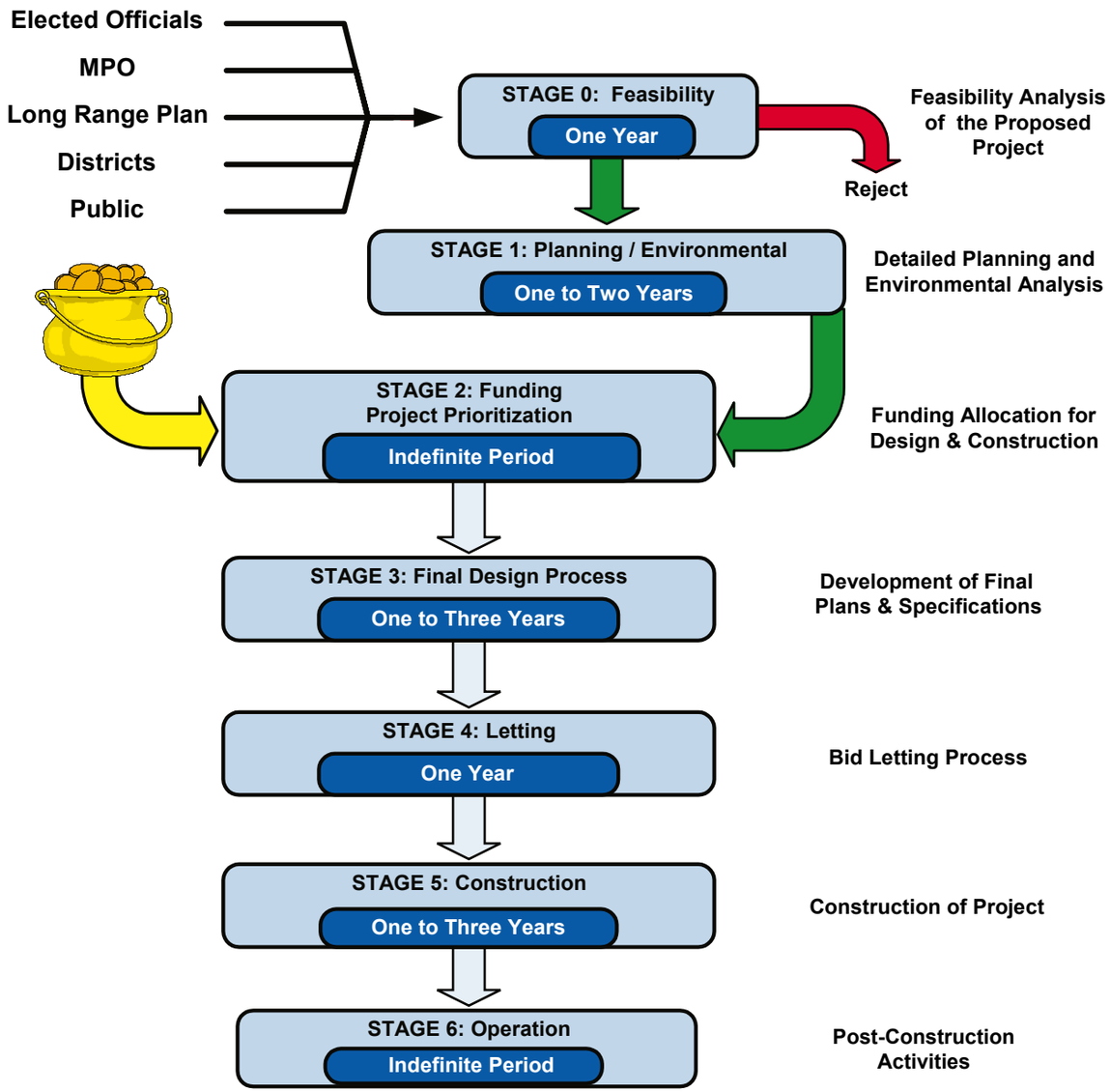
The Louisiana Highway Project Delivery Process

This seven-stage project delivery system takes an integrated, multi-disciplinary team approach to managing and delivering projects, streamlining an often complex process. Project managers are responsible for a given project from "cradle to grave", and project timetables reflect project delivery dates, rather than the more unpredictable bid letting date, to more accurately represent project schedules.



Stage 0 — Feasibility Study

Typical Activities
* Develop preliminary purpose and need for project
* Examine technical feasibility
* Conduct preliminary scan to identify potential impacts to the human & natural environment
* Develop preliminary scope and budget

Time Required
* Typically one year for major projects
* Very large or highly complex projects may require several years to properly evaluate

★ *Outcome: Go / No Go decision*

Stage 1 — Planning/ Environmental

Typical Activities
* Develop alternative corridors/alignment
* Conduct public meetings and hearings
* Document impacts to both the human and natural environment
* Select preferred alternatives
* Identify mitigation for environment impacts
* Develop project scope
* Develop project budget

Time Required
* Typically 1 to 2 years for major projects
* Very large or highly complex projects may require 3 years or longer

★ *Outcome: Conceptual design and environmental decision, scope and budget memorandum*

Stage 2 — Funding

Typical Activities
* Identify funding for design and construction
* Establish project delivery date

Time Required
* Indefinite period
* Funds for a project are dependent on appropriation of State and/or Federal funds

★ *Outcome: Financial Plan*

Stage 3 — Final Design

Typical Activities
* Develop final plans, specifications, and estimates
* Obtain any required Federal or railroad permits or agreements
* Acquire right-of-way
* Obtain utility relocation agreements
* Develop traffic management plan and procedures

Time Required
* Typically 1 to 3 years for major projects
* Very large or highly complex projects may require more than 3 years

★ *Outcome: Delivery of R/W, utility agreements, and final construction documents*

Stage 4 — Letting

Typical Activities
* Establish letting date
* Determine construction period
* Prepare contract
* Develop public information plan
* Conduct bid letting
* Award the contract

Time Required
* Typically 1 year for major projects

★ *Outcome: Project scheduled, bids received, contract awarded*

Stage 5 — Construction

Typical Activities
* Construction process continues until project is completed
* Implement Public Information Plan
* Implement Traffic Management Plan
* Follow through on environmental mitigation

Time Required
* Typically 1 to 3 years for major projects
* Completion of the construction process is dependent on many variables such as complexity, location, and weather

★ *Outcome: Construct and open to use*

Stage 6 — Operation

Typical Activities
* Dispose of excess right-of-way
* Comply with environmental monitoring and commitments
* Document new utilities
* Monitor materials performance and warranties
* Evaluate project for ease of maintenance and for smooth traffic operations

Time Required
* Indefinite period

★ *Outcome: Operate, evaluate performance, and maintain*