

Life cycle of a road project



1 Project development: (Duration varies)

Project development doesn't have a timeframe, as this is where the concept becomes a project.

- Identify project goals
- Develop initial scope
- Create Initial high-level budget estimate
- Develop initial schedule
- Identify project risks
- Create public communication / engagement plan
- Determine delivery approach, design team and stakeholders

2 Preliminary engineering: (6 to 12 months)

Preliminary engineering begins once there is a decision to move forward.

- Refine scope, goals, budget and schedule
- Collect data and analyze alternatives
- Begin public communication / engagement
- Develop bike and pedestrian facility options
- Identify environmental/stormwater approach



3 Design: (12 to 24 months)

Design generally has three review points: 30%, 60% and 90%.

- Refine scope, budget and schedule
- Determine type, size and location of bridges or culverts (if needed), usually at 30%
- Continue public communication / engagement
- Acquire right-of-way as needed
- Obtain permits
- Develop bid package



4 Construction: (12 to 36 months)

Construction is when the road work occurs.

- Conduct management / oversight
- Maintain quality assurance / quality control
- Provide periodic construction status updates to public

5 Post Construction : (12 to 24 months)

After construction is completed, the project is observed to identify and address any issues.

- Close out of contracts
- Identify any construction deficiencies and corrections

