



DDOT Project Development Process

Due to project complexity, capital funding needs, and/or environmental regulations, most projects take the four steps in the DDOT Project Development Process described here.

Separate phases for Final Design and Construction have not yet been determined for this project, and a Design-Build process remains an option.

Public engagement and outreach will continue through all phases of project development.

	Purpose(s)	Data Inputs to Design	Level of Design
1 Planning and Programming	<ul style="list-style-type: none"> Identify project need(s) Assess feasibility 	<ul style="list-style-type: none"> Geographic information systems (GIS) data (reliability varies) Previously completed survey (if available) 	15% (conceptual) <ul style="list-style-type: none"> Plans show type, approximate sizing, and preliminary location of features
2 WE ARE HERE Environmental Approval and Preliminary Design	<ul style="list-style-type: none"> Identify specific solution(s) Define environmental impacts Define design intent and project limits Establish project budget 	<ul style="list-style-type: none"> Real survey (topographical) Utilities survey/locating Subsurface utility exploration Traffic analysis Test holes or geotechnical borings (limited) Physical bridge conditions assessment 	30% (preliminary) <ul style="list-style-type: none"> Defines what is included in the project Design is advanced based on criteria to further define project features based on refined engineering and survey data Isolated elements subject to change
3 Final Design	<ul style="list-style-type: none"> Identify right-of-way requirements (if any) Develop design plan and specifications Right-of-way acquisition (if needed) Release project for construction bids 	<ul style="list-style-type: none"> Geotechnical borings (final set) Address comments from review agencies Include special contract provisions Incorporate Stormwater Low Impact Development Guidelines 	65% (intermediate) <ul style="list-style-type: none"> Detailed design plans 100% (final) <ul style="list-style-type: none"> Bid documents (used to request construction proposals) Construction plans Specifications/special provisions (detailed information such as materials, the scope of work, installation process, and quality of work)
4 Construction (estimated 36 months)	<ul style="list-style-type: none"> Define easements (utility, permanent maintenance, temporary construction, etc.) Follow through on commitments Deliver project 	<ul style="list-style-type: none"> Contractor requests for information 	<ul style="list-style-type: none"> Respond to contractor requests for information Design refinements, if required, based on field conditions or other constraints