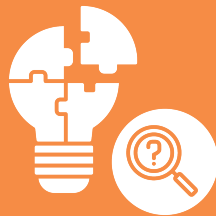


STORM WATER PROJECT PROCESS

1

STEP 1

PROJECT
IDENTIFIED



2

STEP 2 1 – 1.5 years

ESTIMATED CIP
FUNDING IS
REQUESTED
THROUGH BUDGET
PROCESS FOR
STUDY AND DESIGN



3

STEP 3 1 month

DESIGN FIRM IS
HIRED WITH
SCOPE
OF WORK FOR
PROJECT



4

STEP 4

1 – 1.5 years depending on complexity

DESIGN OF PROJECT

- Topographic survey
- H&H Analysis or Drainage Concept
- 30% Design developed with review from city staff
- Preliminary City Site Plan Review
- 60% Design developed with construction cost estimate
- Private utility coordination (VA Dom Power, Cable, Gas, Fiber Optics, etc.)
- Civic Meetings, Outreach & Public Involvement
- 90% Design with modified construction cost estimate
- Feasibility study determination / cost-benefit determination
- Estimated CIP funding is requested through budget process for construction.



5

STEP FIVE

3 – 8 months

PERMIT APPLICATIONS SUBMITTED

- VMRC, USACE, DEQ
- City Wetland Board
- Easement Acquired
- Right of Entry Agreements established



6

STEP 6

6 months

CITY OFFICIAL
SITE PLAN
REVIEW



7

STEP 7

10 months

PRIVATE
UTILITIES
RELOCATE THEIR
INFRASTRUCTURE



8

STEP 8

4 months

BID FOR PROJECT
ADVERTISED &
AWARDED

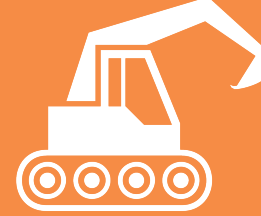


9

STEP 9

At least 1 year

CONSTRUCTION
(VARIABLE)



NOTE: City projects can take up to six years before construction begins due to the time required for planning, securing funding, and ensuring quality and long-term value.