



theRippleEffect

VIRGINIA BEACH FLOOD PROTECTION PROGRAM

Lake Bradford/Chubb Lake

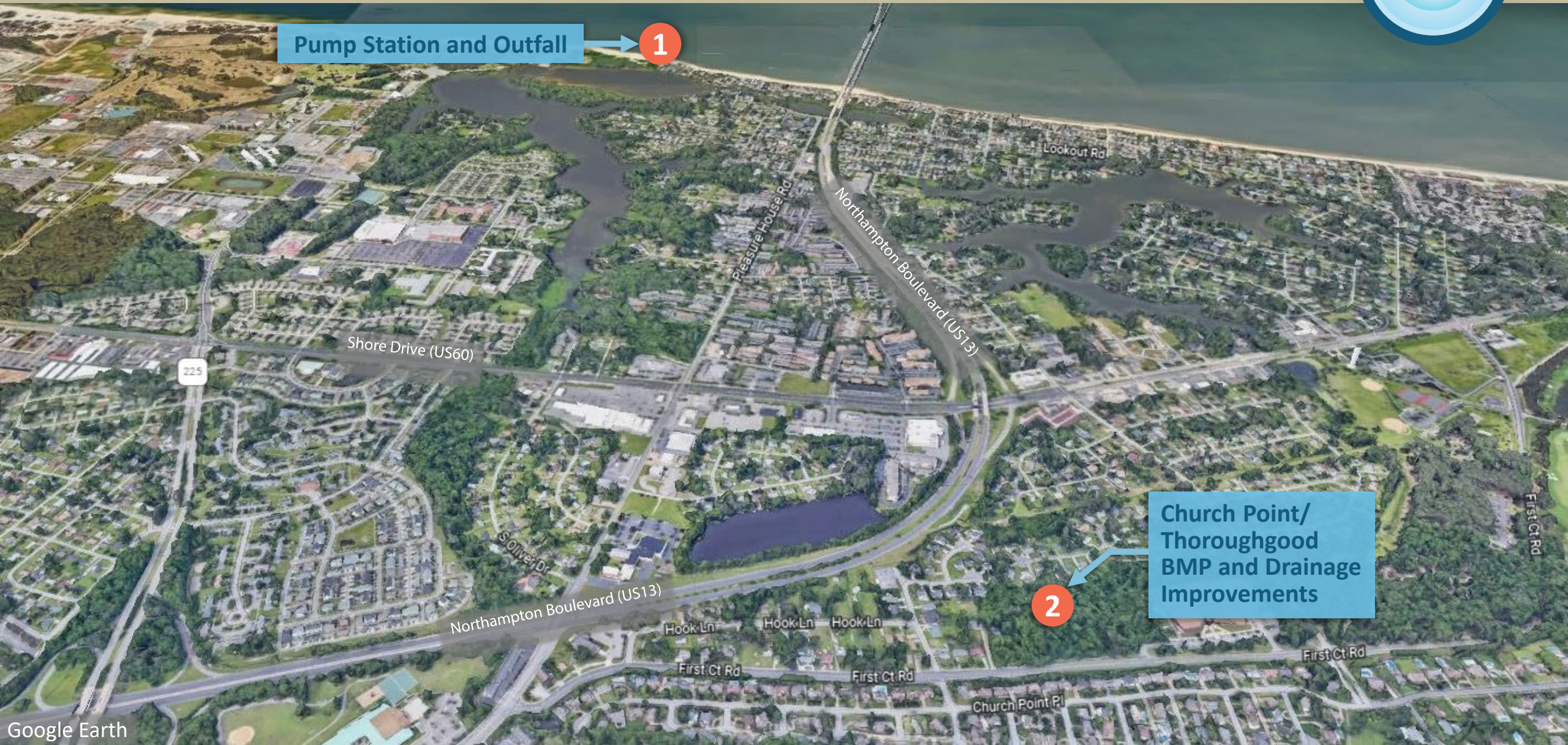




- 1 Pump Station and Outfall

- 2 Church Point/ Thoroughgood BMP and Drainage Improvements

LOCATION MAP



Pump Station and Outfall

1

Church Point/
Thoroughgood
BMP and Drainage
Improvements

2

Pump Station and Outfall



- 375 cfs stormwater pump station located along Lake Bradford or Chubb Lake
- Direct outfall to Chesapeake Bay
- Tide gate located at the upstream end of the existing outfall channel

TOTAL ESTIMATED
PROJECT COST:

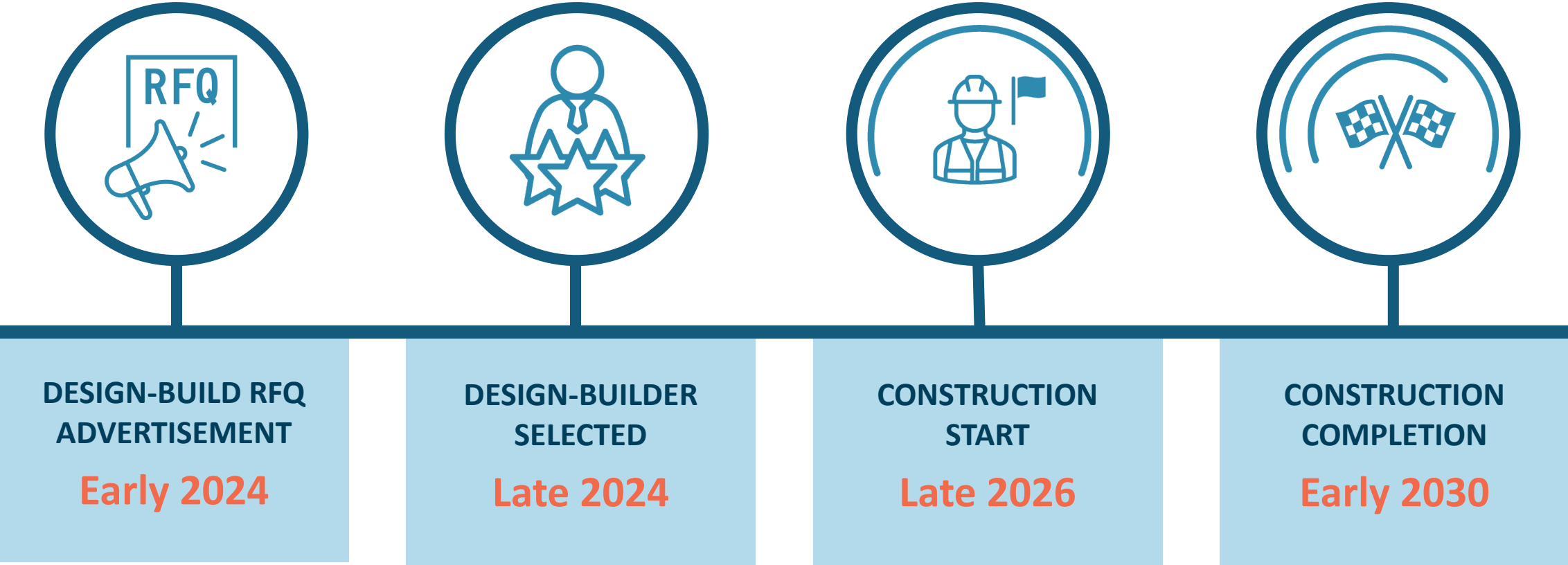
\$78.2M

CONTRACT TYPE:

**Design-
Build***

* Planned delivery method as of 4/21/2022 but subject to change. See www.VBGov.com/RippleEffect for updates.

Anticipated Procurement Timeline*



* Anticipated timeline as of 4/21/2022 but subject to change. See www.VBGov.com/RippleEffect for updates.

Church Point/Thoroughgood BMP and Drainage Improvements



- 42 ac-ft wet pond
- Culvert improvements
- Stormwater conveyance systems

TOTAL ESTIMATED
PROJECT COST:
\$35.9M

CONTRACT TYPE:
**Design-Bid-
Build***

* Planned delivery method as of 4/21/2022 but subject to change. See www.VBGov.com/RippleEffect for updates.

Anticipated Procurement Timeline*



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