



Town of Fenwick Island Dredge Design Update Meeting



Fenwick Island Dredging Project Schedules

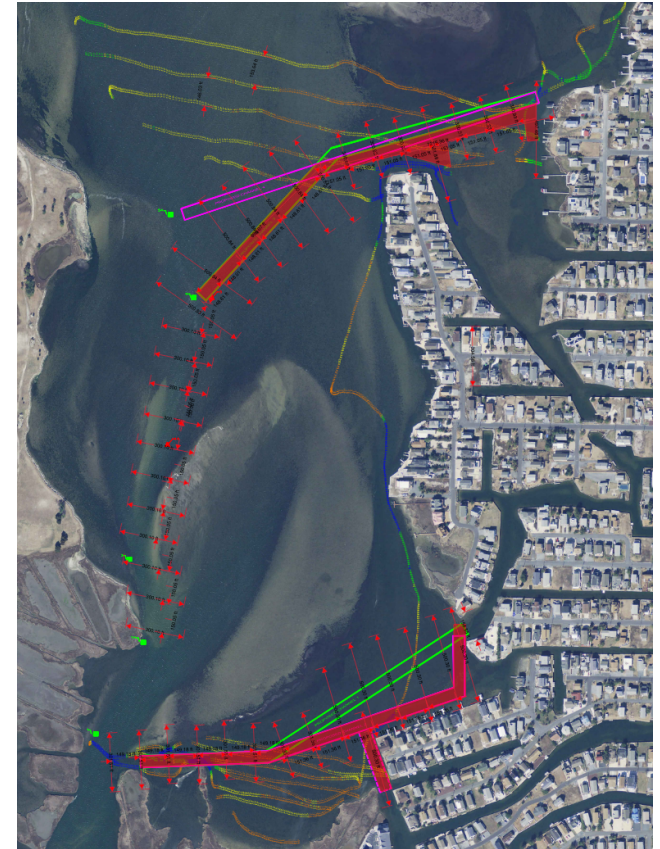
Accelerated Schedule		
Task	Start Date	End Date
Bathymetric Survey and Results	7/20/2020	7/31/2020
Preliminary 30% Design for Permits	8/3/2020	8/14/2020
Permit Application	8/3/2020	8/28/2020
Land Owner Coordination	8/17/2020	8/28/2020
Permit Review and Approval	8/31/2020	12/1/2020
Final Design	8/31/2020	9/25/2020
Design Review/Approval	9/28/2020	10/16/2020
Bid Period	10/19/2020	11/30/2020
Contracting & Notice to Proceed (NTP)	12/1/2020	12/18/2020
Construction	1/4/2021	2/26/2021

Extended Permit Process Schedule		
Task	Start Date	End Date
Bathymetric Survey and Results	7/20/2020	7/31/2020
Preliminary 30% Design for Permits	8/3/2020	8/14/2020
Permit Application	8/3/2020	8/28/2020
Land Owner Coordination	8/17/2020	8/28/2020
Permit Review and Approval	8/31/2020	2/1/2021
Final Design	8/31/2020	9/25/2020
Design Review/Approval	9/28/2020	10/16/2020
Bid Period	2/8/2021	3/19/2021
Contracting & Notice to Proceed (NTP)	3/22/2021	4/9/2021
Construction	9/1/2021	12/31/2021

- Design schedule has been delayed by the availability of survey (COVID-19 related DNREC delays)
- Modified project schedule assuming construction start in Fall 2021 will better allow for alignment of funding and provide realistic permitting timeframes
- Longer construction window is also likely to allow for better bid pricing

Survey Discussions

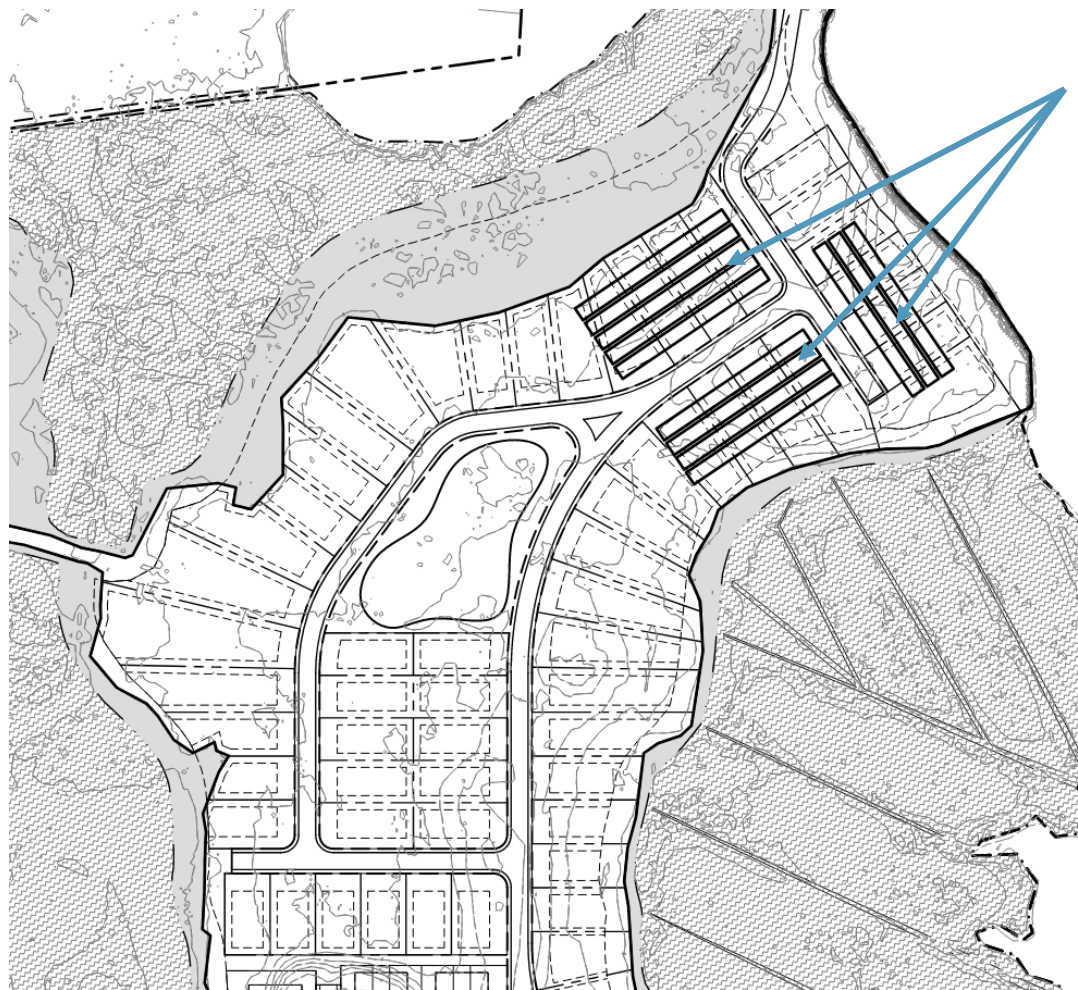
- Three Chord (Frankford, DE) provided quote for work (Approx. \$5,000)
 - Experienced DE surveyor including recent work on Massey's Ditch project
- Potential for combination with later DNREC survey to further inform final design and/or navigation for the Town
- Available for work immediately
- Contracting approach discussion



Freeman Property Coordination

- Anchor QEA has advanced discussions with GMB (Freeman Properties engineer)
- Freeman has been provided dredged material chemical and physical property data
- Multiple conversations regarding geobag layout and agreeable site use to maximize project efficiency and cost effectiveness
- Freeman property site plan approval not anticipated until Q1 2021
 - Confirmed ability to accept material in 2020 and 2021 (into 2022 if needed)
- Memorandum of Agreement (MOA) drafting in progress

Conceptual Geobag Layout



Localized
Geobag
Layout

Future Placement Option – Seal Island



Action Items

- Anchor QEA to subcontract surveying work which will be conducted in July 2020
- Anchor QEA to provide cost estimate for developing and permitting upland placement design to be included in Town dredging project
- Additional interim cost evaluations requested by Town (to be provided by Anchor QEA/Tony Pratt)
 - Approximate cost of geobag materials for dewatering
 - Approximate value of sand fill materials being provided to Freeman
- Anchor QEA and Tony Pratt to continue to track funding and partnership opportunities for 2021 dredging project and future Seal Island restoration
- Anchor QEA to provide draft MOA for Town review

Questions/Discussion

