



Capital Projects Update

...a report to Kill Devil Hills citizens of the status of projects currently under way. We'll usually update it weekly. Contact Steve Albright, Public Services Director, with any questions or comments at 480-4080 or steve@kdhnc.com.

Friday, August 28, 2020

Tentative ROAD CLOSURES and WATER OUTAGES (- means "approximately"):

ROAD CLOSURES: Full closure: None. Partial Closures: Westbound Lane of W Baum Street narrows at sidewalk work.

WATER OUTAGES: Brief outages coming soon (probably week of September 8-11) for service cutovers, Colington Road area.

Old Town Hall Elevated Storage Tank Replacement

Description: Replacement of the 55-year old, 200,000 gallon elevated water tank at the Fire Station with a 160' high, 400,000 gallon pedesphere style elevated tank.

Start Date: January 10, 2019

Finish Date: Substantial Completion 6-25-20

Contractor: Landmark Structures, Inc.

Project Cost: \$2,855,000

Recent Progress: **TANK NOW IN SERVICE as of June 25!** Monopole complete; AT&T and Verizon both now on monopole. Third 100 HP motor/1,500 gpm pump set has been delivered to water pumping station.

The next few days: Demolition of the old, smaller tank is scheduled for **September 1-2**. Installing recently-arrived 3rd pump & motor to pumping station will occur in early fall, after peak summer water demands subside.

Photo at right shows (left to right): (1) the old (1963) 200,000 gallon water tank, (2) the new 400,000 gallon tank and (3) the new monopole cell tower.



New KDH-owned 180' monopole cell tower, being built under separate contract, is complete. AT&T and Verizon are operational on new monopole Tank demolition set for next Tuesday and Wednesday, September 1-2.

Public Works Complex: FINAL PHASE

Description: Renovation and expansion of the former Fleet Maintenance garage and Animal Control facility. The former Fleet Maintenance garage will be converted to a Solid Waste vehicle and equipment storage facility.

Start Date: March 11, 2019

Finish Date: Summer, 2020

Contractor: A. R. Chesson Construction Company, Inc.

Project Cost: \$2,470,190

Recent Progress: Animal Control building has attained Substantial Completion and is currently occupied by staff and is housing animals. Solid Waste Building is nearly completion. Remaining work includes HVAC mechanical installations, vent piping for recycled oil heating system, fiber optic network installation and electrical punch list items.

The next few days: HVAC system work will continue, fiber optic network will be complete in the next couple days and roof vents for the heating system will be installed.



In photo above, interior view of the addition to the former Fleet Maintenance building.

Colington Road Water Main Relocation

Description: Relocation of the existing 8-inch water main from under Colington Road to the south side of Colington Road, in advance of upcoming NCDOT Colington Road improvement project. The relocation starts from the Colington/Bermuda Bay intersection eastward along Colington Road, then down Park Drive and W. Aviation Avenue. This project will be funded by NCDOT.

Start Date: March 30, 2020

Finish Date: August 31, 2020 (est., Substantial Completion)

Contractor: Enviro-Tech Unlimited Construction Services, LLC

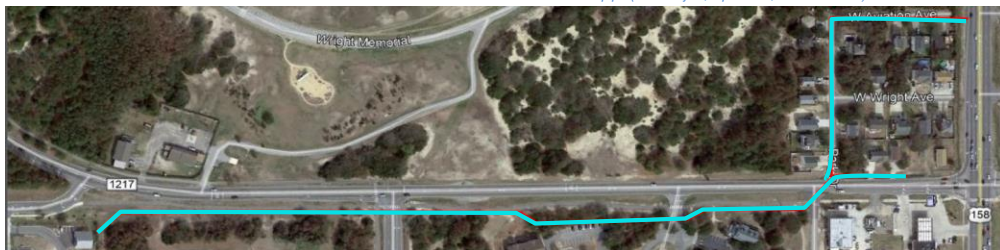
Project Cost: Bid price: \$539,000.

Recent Progress: All basic waterline installation work completed, except for tie-ins. Preliminary pressure testing is underway.

The next few days: Official pressure tests are done. After passing pressure tests, mains will be disinfected and filled, then bacteriological sampling and testing occurs. After clean bacteriological tests, NC DEQ Public Water Supply approves placing lines in service. Tie-ins and service pipe cutovers come right after that.



Photo above, Near the western end of the project, a stainless steel tapping sleeve and special tapping valve are used to tie a branch line into the existing 8" water main. This allows a connection without having to take the existing main out of service. A hole is drilled in the side wall of the pipe (black object, top-center, with 4 handles).



In photo above: Approximate alignment of new 8-inch PVC water main along Colington Road, Park Drive, and West Aviation Avenue. Blue areas are installed.

2020/21 Streets Project: Fall Project- Cedar Drive, Captain's Lane, Teakwood Drive and Captain's Circle

Description: This project will provide pavement overlay for roads rated as in "Poor" condition, along with storm drainage improvements. Streets involved with the improvements include Cedar Drive, Captain's Lane, Teakwood Lane and Captain's Circle.

Start Date: Fall 2020

Finish Date: Winter 2020

Contractor: TBD

Project Cost: TBD

Recent Progress: Design & contract documents nearly completed.

The next few days: Documents completed, out to bid in next 2-3 weeks.



Photo above shows roads included in project.

2020/21 Streets Project: Spring Project- Helga Street, Briggs Street, Fourth Street, East Martin Street, and East Dean Street

Description: This project will provide pavement overlay for roads rated as in "Poor" condition, along with storm drainage improvements. Streets involved with the improvements include East Helga Street, Briggs Street, East Fourth Street, East Martin Street, and East Dean Street.

Start Date: Spring 2021

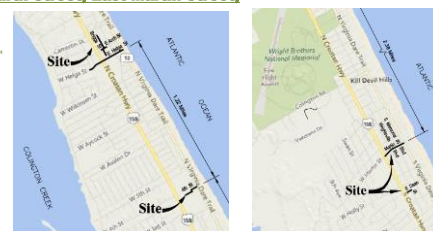
Finish Date: Summer 2021

Contractor: TBD

Project Cost: TBD

Recent Progress: Design & contract documents nearly completed.

The next few days: Documents completed, out to bid in next 2-3 weeks.



Photos above show roads included in project.

Centennial Path Extension

This small project is connecting the existing Centennial Path from the south end of Mustian Street, in front of Dare County Recreation Center, west along Hillside Drive, then south along Fox Street, then west along W. Baum Street for three blocks to tie in to the existing sidewalk in Veterans Drive. It will allow for safer pedestrian travel, especially for students going to and from the school's complex.

The project, with a base bid amount of \$99,739, is being constructed by Hatchell Concrete, Inc.. Work began in early August and should be complete by mid-September.

Sidewalk is complete in the Baum blocks between Veterans and Cardinal; a section on Fox is complete. Work is under way in the Baum block between Cardinal and Fox.