



FY 17/18 Drainage Improvement Pre- Construction Meeting

Prepared by:

Department of Administration

November 27, 2017

Agenda Overview

- **Welcome**
- **FY 17/18 Scheduled Drainage Projects**
 - (3) Storm Pipe Replacements/Upgrades
 - (1) Pump Automation (Not in Bid Package)
- **Additional Drainage Projects**
 - Approved at Sept. BOC workshop
 - (7) Additional drainage projects added
- **Tentative Construction Schedule**
- **What to expect during construction**

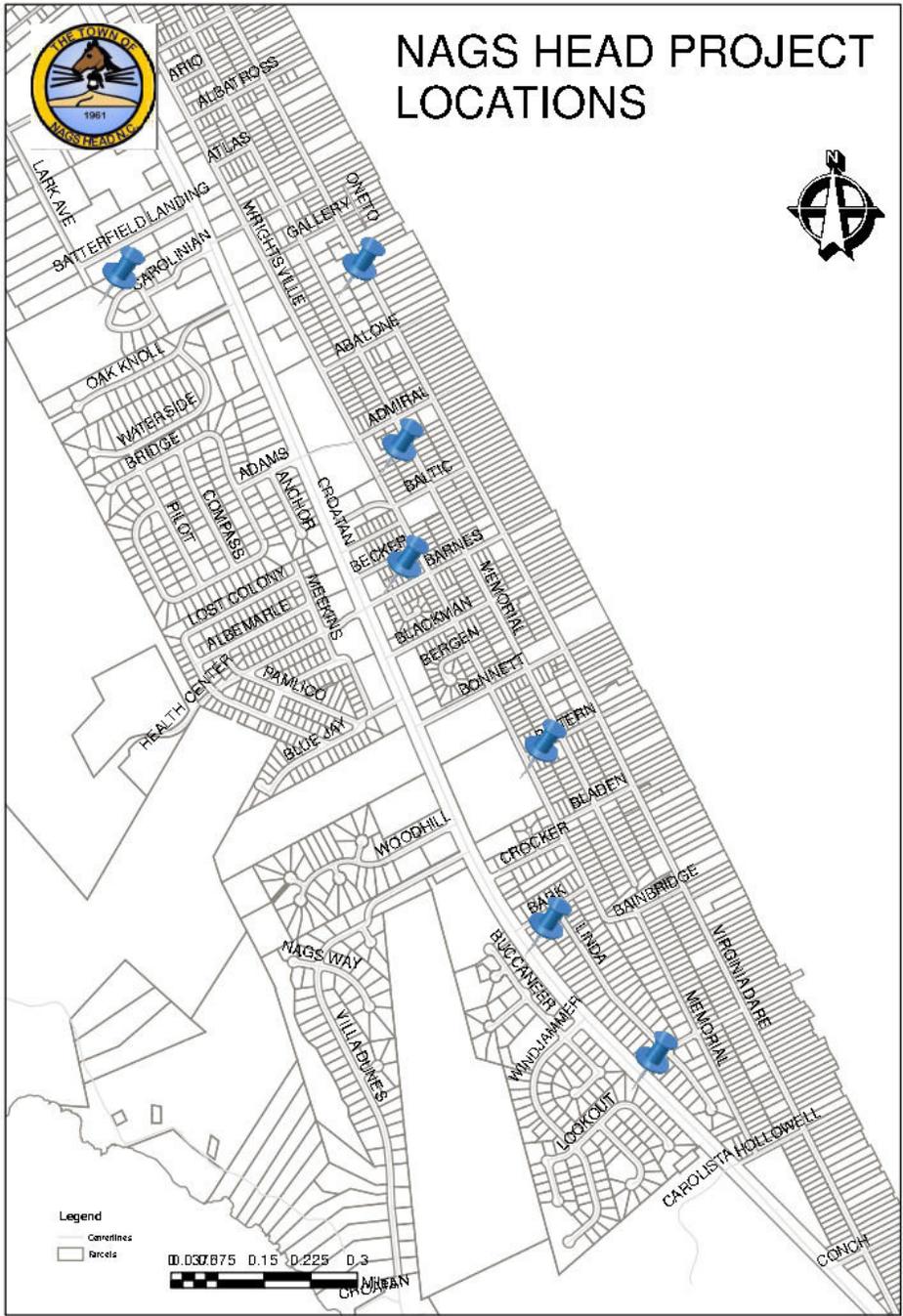


Town Drainage Improvement Projects

- **Four drainage projects budgeted for FY 17/18**
 - Mall Dr. storm pipe replacement/upgrade
 - Soundside Rd. storm pipe replacement (from FY 16/17)
 - S. Nags Head pipe replacement/upgrade
 - Vista Colony Pump Automation
- **Town has added (7) additional drainage projects**
 - S. Croatan Hwy. (Villa Dunes Dr. to Carolista Dr.)
 - S. Memorial Ave. (2400 block)
 - S. Wrightsville Ave. (2600 block)
 - E. Barnes St. (100 block)
 - Nags Head Elementary School
 - E. Gray Eagle St. (restoration)
 - Dare County Rec. Park

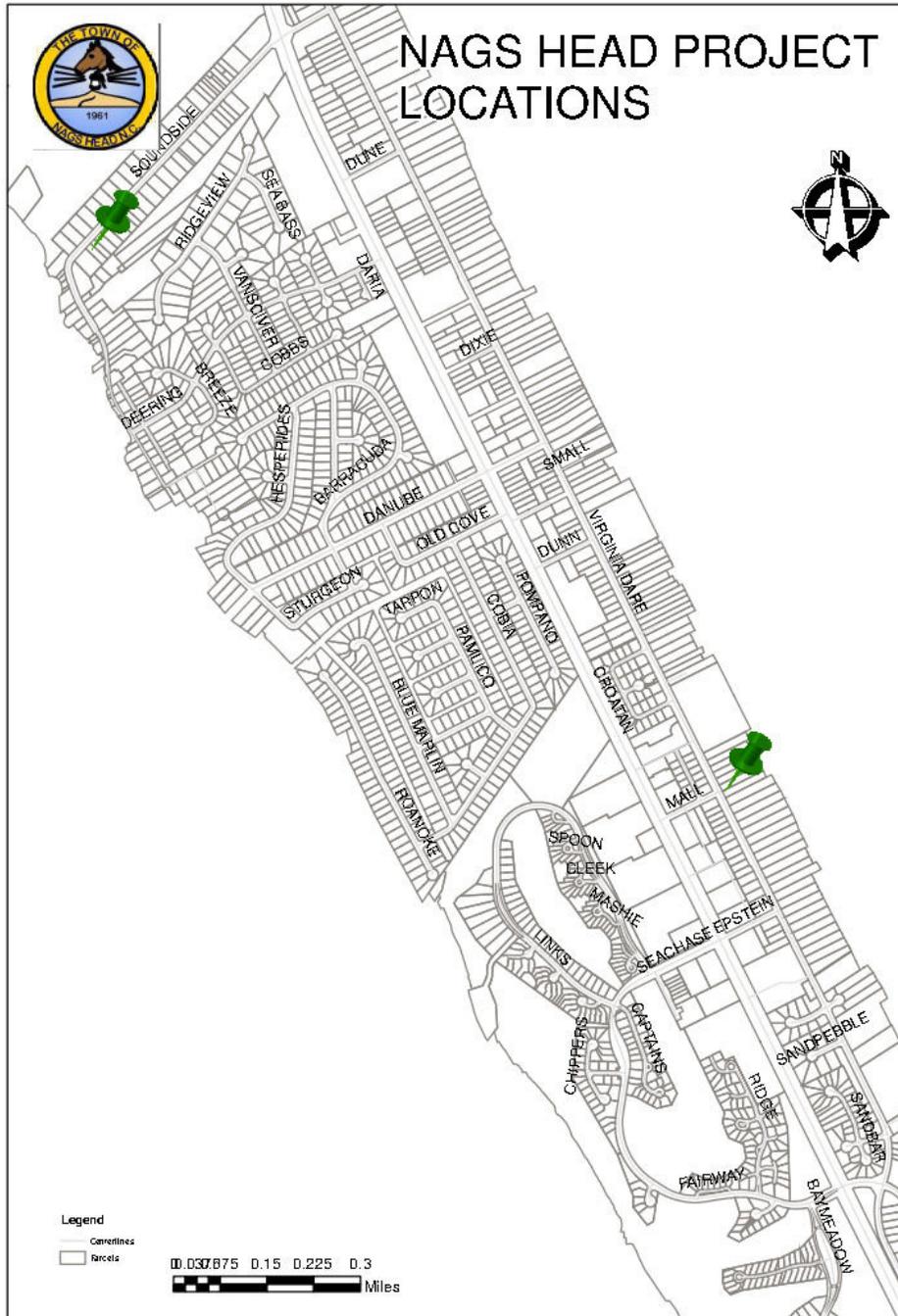


NAGS HEAD PROJECT LOCATIONS



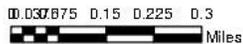


NAGS HEAD PROJECT LOCATIONS



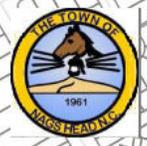
Legend

- Centerlines
- Parcels





NAGS HEAD PROJECT LOCATIONS



Legend

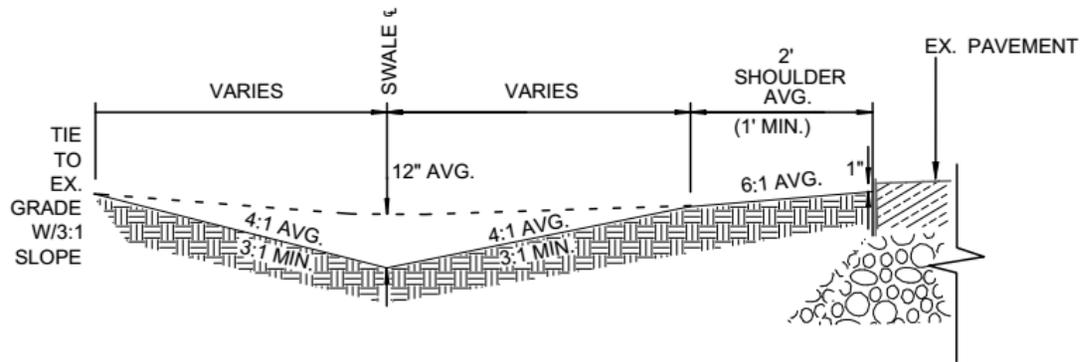
- Corrines
- Parcels



Tentative Project Schedule

- **Nags Head Elementary School- time dependent- scheduled for mid-December**
- **Remainder of Projects will commence in the beginning of January 2018**
 - Projects will begin from north to south
 - Grading Work (Swale work)
 - Storm Pipe Work (Underground work)
- **Work type will be conducted simultaneously**
- **Approximately 60 days to complete**





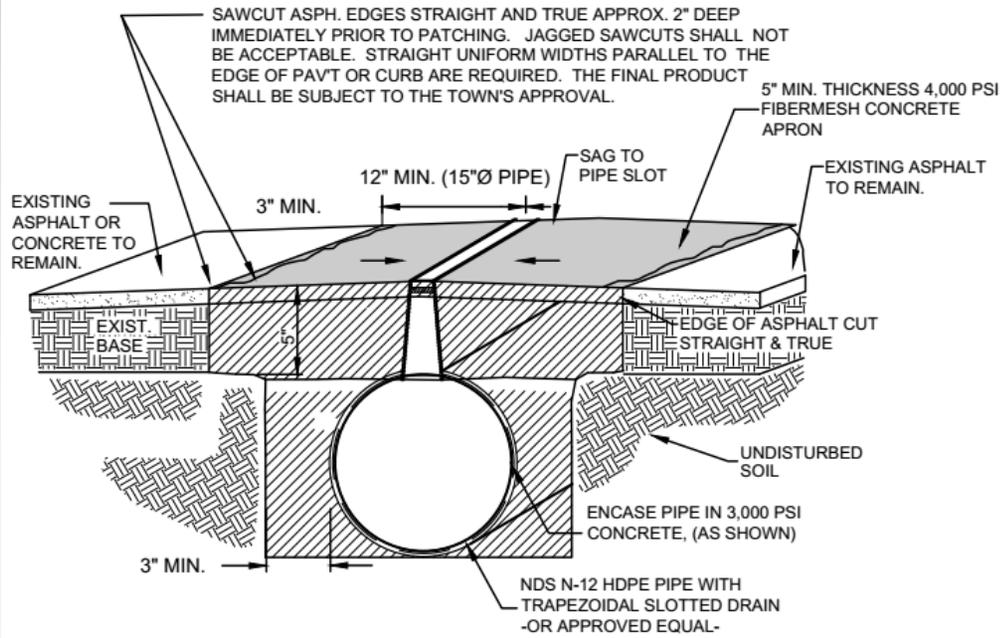
SHOULDER SCRAPING/VEGETATIVE DRAINAGE SWALE

NOT TO SCALE (LOCATIONS AS DENOTED ON PLAN)

SCRAPE EXISTING ROADWAY SHOULDER, DEVELOP SWALE SECTION AS SHOWN. CONSTRUCT ALONG LENGTHS AS DEPICTED ON PLAN SHEETS.



Vegetated Swale



SLOTTED DRAIN INSTALLATION DETAIL

NOT TO SCALE

(AS DENOTED ON PLANS)



Slotted Drain

What to Expect during construction

- **Pedestrian and vehicle may be restricted in project area(s)**
- **Storm Pipes: trench excavation**
 - Typically filled post pipe installation
 - May be left open at night (protected by barriers)
- **Construction equipment in the right-of-way (left overnight/weekends)**
- **Roadway/driveways disturbed (temp. surface)**
- **Vegetated areas disturbed (restored)**





Post Construction Stabilization



What to Expect during construction

- **If homeowners have installed the following in right-of-way;**
 - Landscaping
 - Irrigation
 - Fencing
 - Stone parking areas
- **Homeowners will be responsible for removal**
- **Contractor is responsible for;**
 - Removal and replacement of mailboxes, as necessary
 - Replacing driveway– temporary apron
- **Construction limited to right-of-way**



Thank You – Time for Questions

