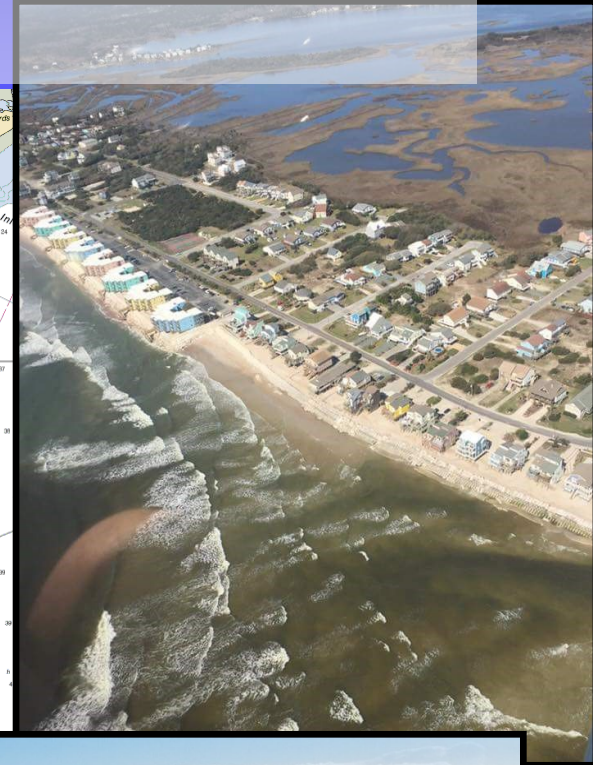
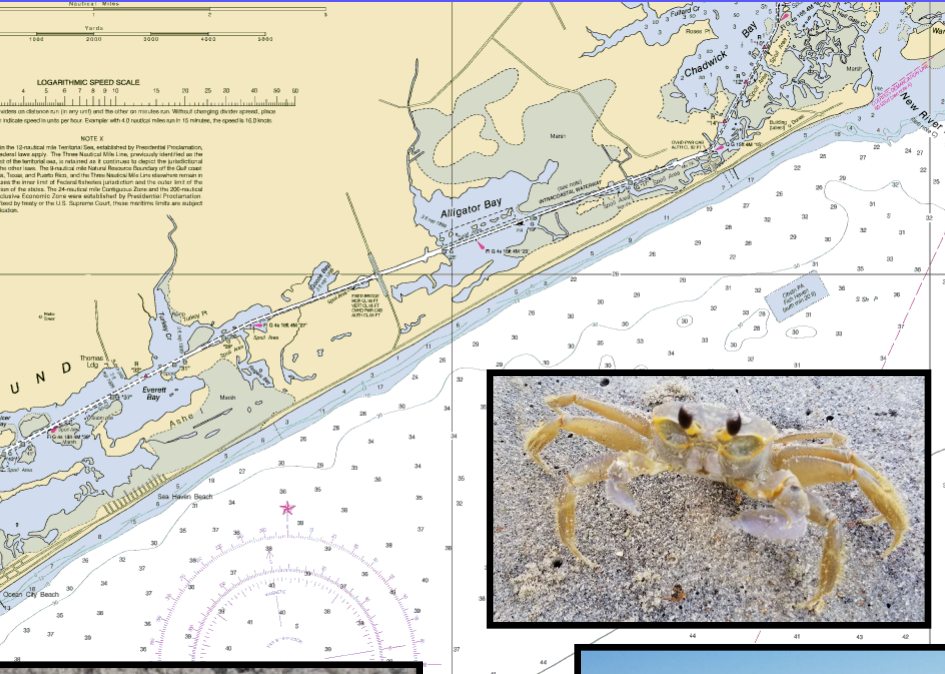


# North Topsail Beach Coastal Update

## June 2023



Marina, Coastal, Environmental  
& Water Resources Engineers

# Ongoing and Upcoming Projects Overview

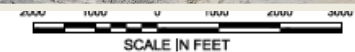
## State Grant, Dorian and Florence FEMA Category G



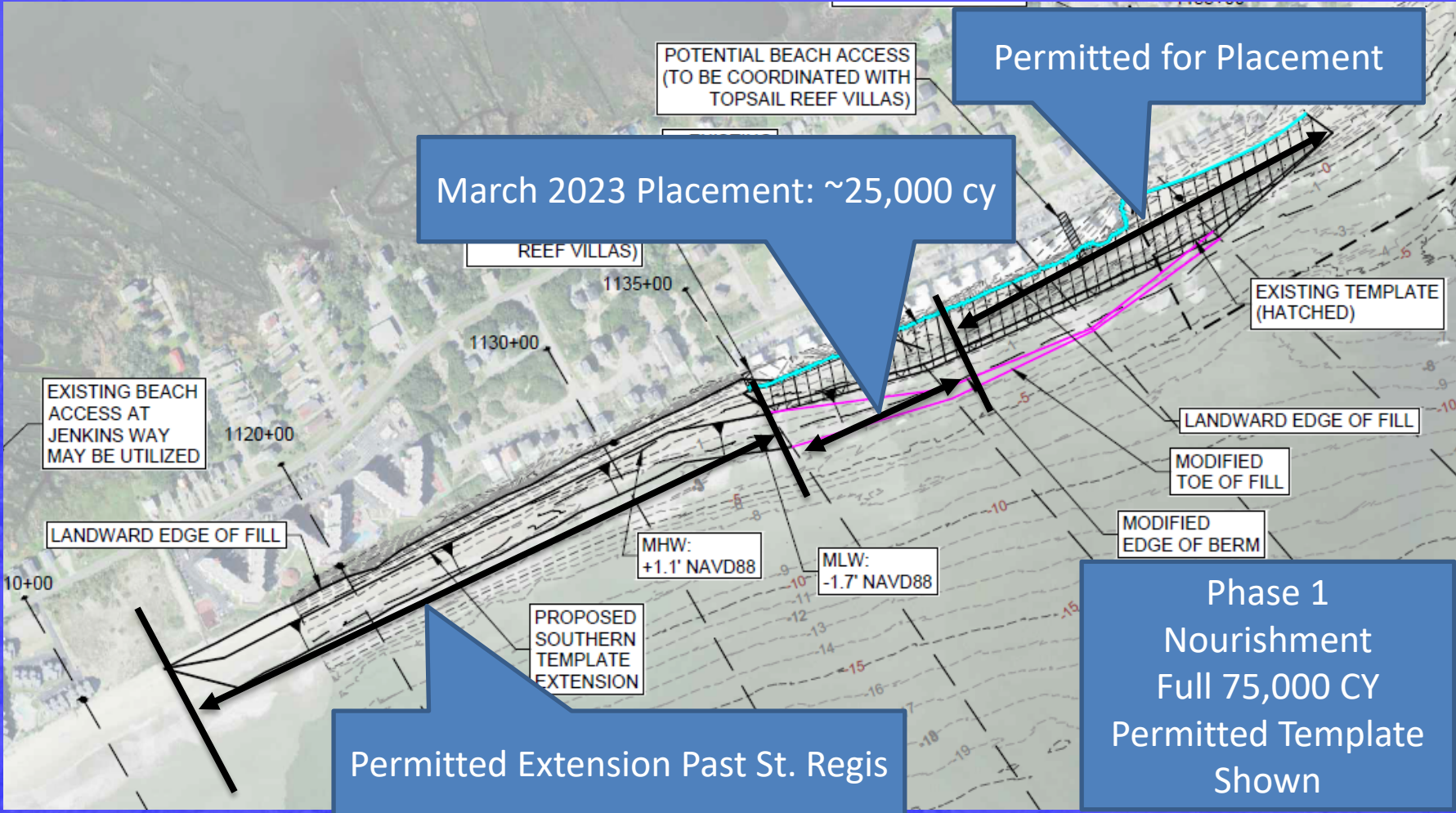
# USACE (Corps) AIWW/Channel Dredging. Completed Mid March



NOTES



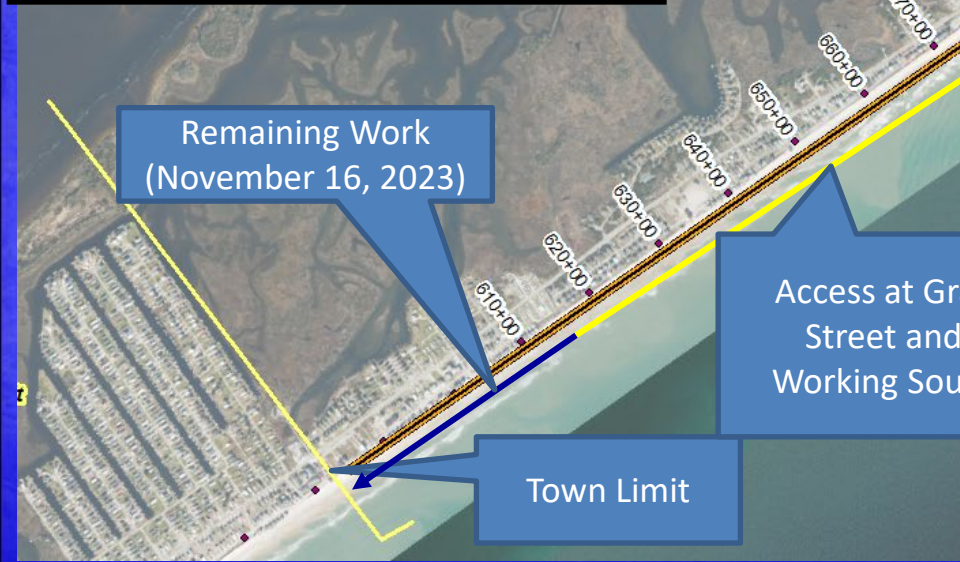
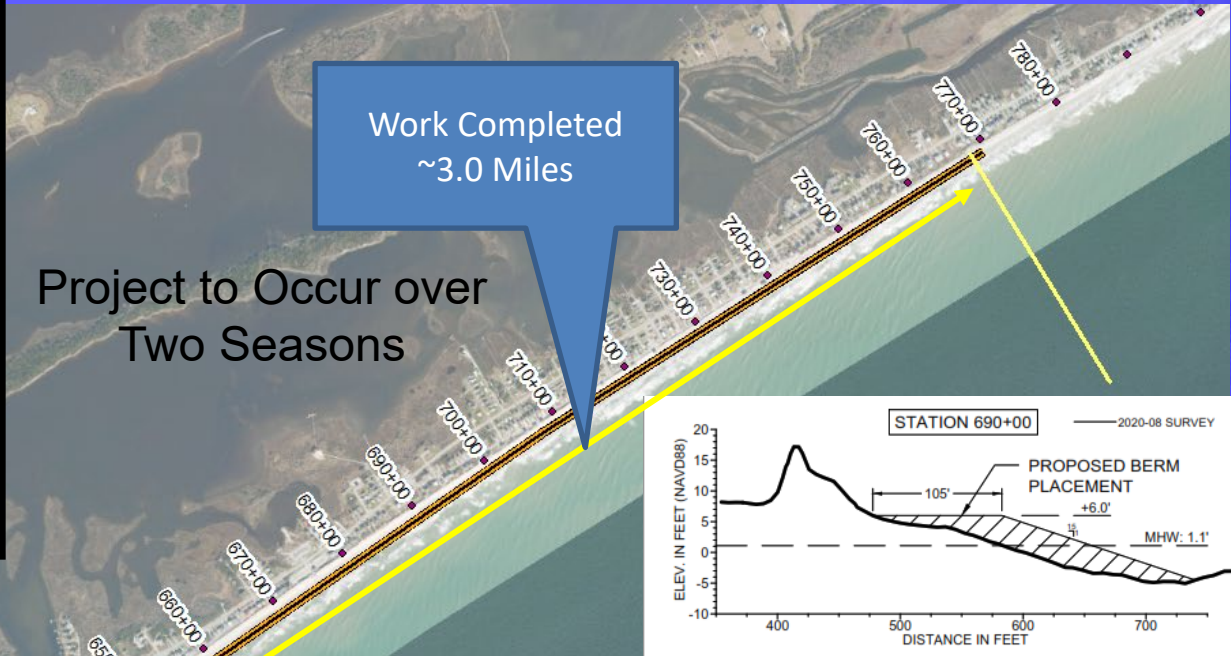
# Permitted Nourishment Areas in Phase 1 Beach (not Dune) Truck Haul Nourishment



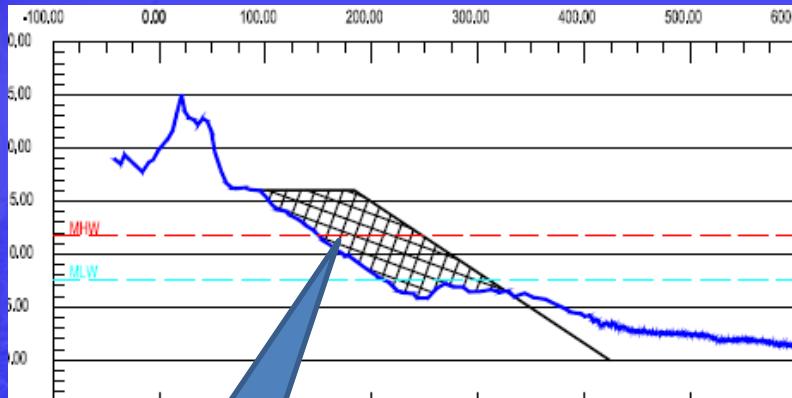
Phase 1 Truck Haul Extension South to ~St. Regis

- Phase 1 Nourishment – 15,000 cy FEMA funded (and placed in March)

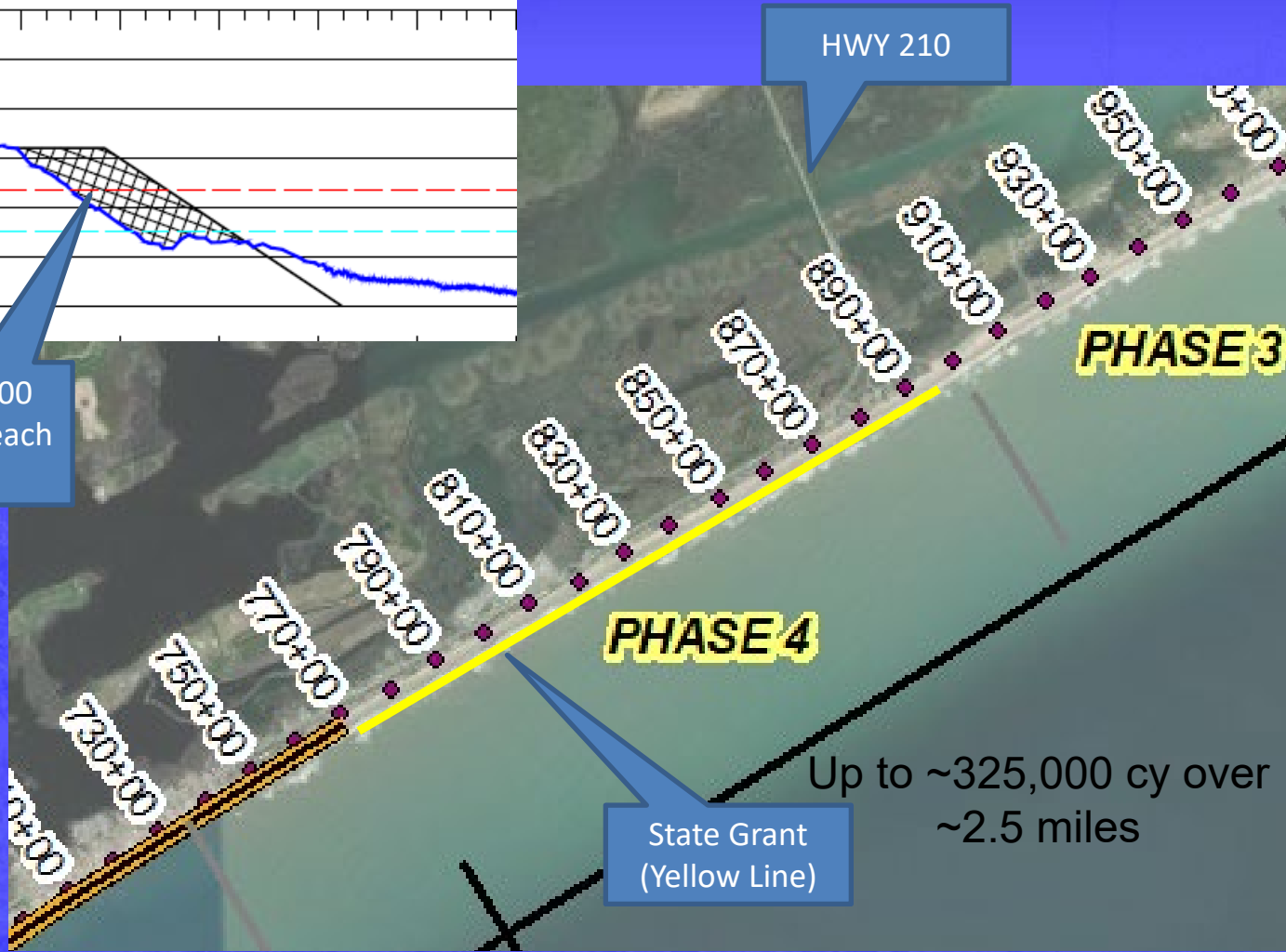
# Ongoing Florence & Dorian Nourishment in Phase 5 Beach (not Dune) Nourishment. ~3.0 Miles of New Beach



# Successful State Grant in Phase 4. Beach (not Dune) Nourishment



~80 to 100 Feet of Beach Width



State Grant (Yellow Line)

Up to ~325,000 cy over ~2.5 miles

Project to Occur Next Season – Permits In-Hand

# County Beach Access Dune Rehabilitation - Completed

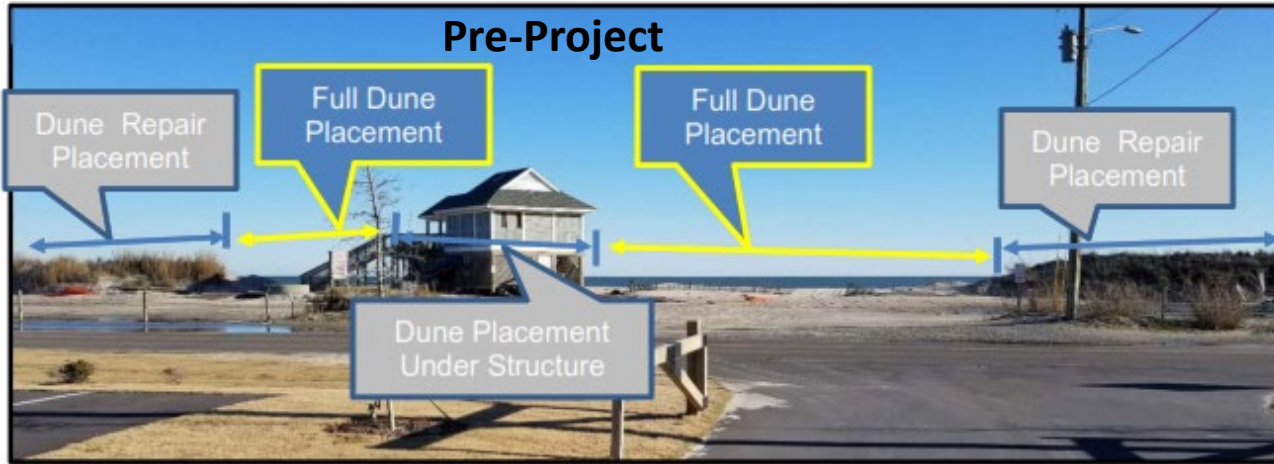
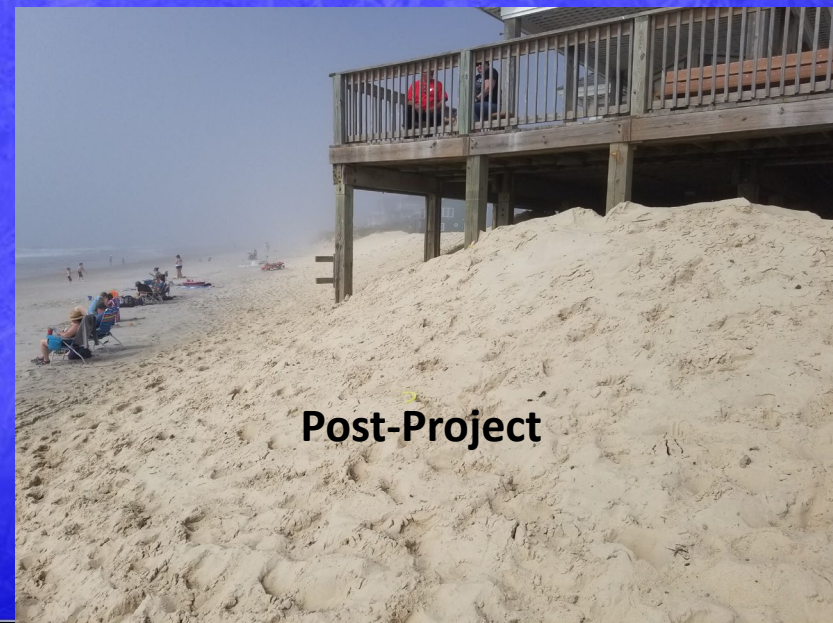


Figure 1: Dune Material Placement (photo taken February 3, 2021).



## Vegetation Sprigging Occurred last week of May (Sea Oats and Bitter Panicum)



# Town Beach Projects Updates

- USACE AIWW/Channel Dredging and Phase 1 Placement Completed in Mid March - ~160,000 cy
- Hurricane Dorian Phase 1 FEMA Category G (~15,000 cy) near Topsail Reef Condos. Completed ~25,000 cy at Topsail Reef Condos (bldgs. 5, 6, 7, 8) and ~50,000 cy now permitted for placement (starting Nov 16, 2023) extending south of St. Regis as well as north of bldgs. 5, 6, 7, and 8.
- New River Inlet Management Master Plan EIS: Notice of Intent (NOI) has been published and Draft EIS under development.
- County Beach Access 4 –Vegetation Sprigging Completed Late May
- State Grant Nourishment - ~325,000 cy in Phase 4 and connects with Phase 5 Truck Haul. To begin in the fall/winter.
- Phase 5 Beach Nourishment – Placed ~411,000 cy. Remaining volume (~226,000 cy) to be placed starting November 16, 2023.
- Working with NTB Finance Officer and DEC Associates regarding funding for FEMA and State funded projects
- Permitting Coordination (all projects)

