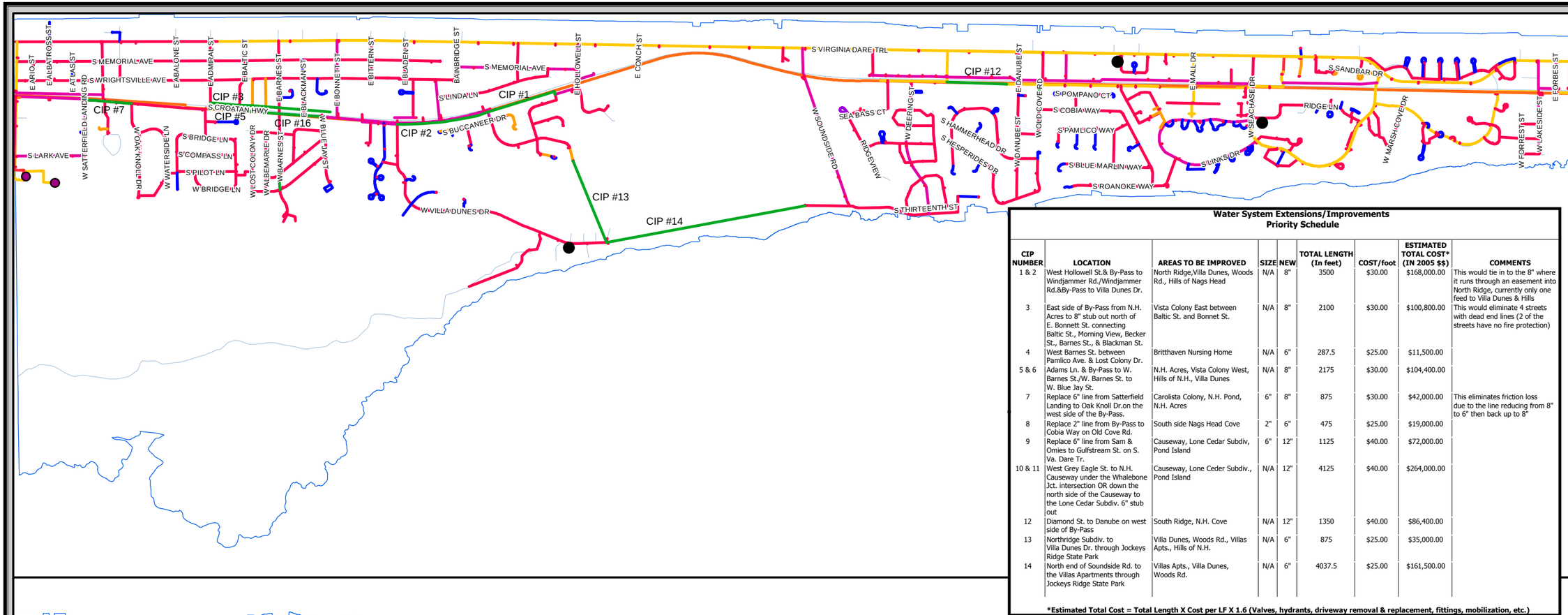
Town of Nags Head

North Carolina

2006 Land & Water Use Plan

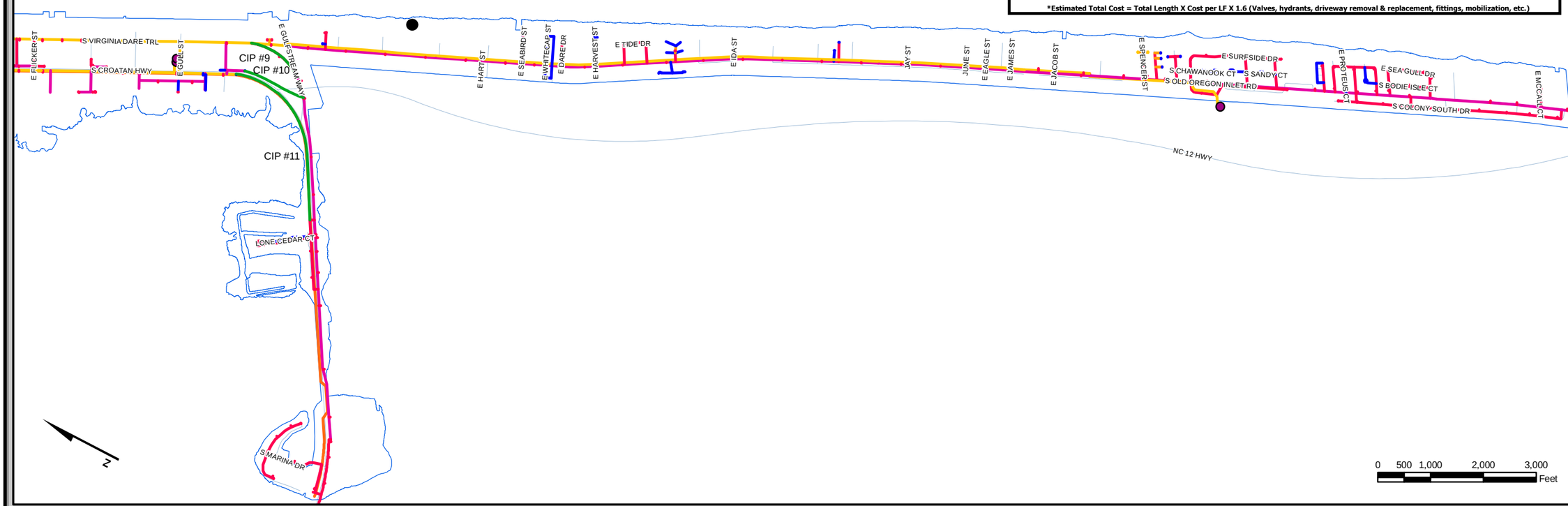
Water/Sewer System & Proposed Water System Projects



Water System Extensions/Improvements
Priority Schedule

CIP NUMBER	LOCATION	AREAS TO BE IMPROVED	SIZE	NEW	TOTAL LENGTH (In feet)	COST/foot	ESTIMATED TOTAL COST* (IN 2005 $$)	COMMENTS
1 & 2	West Hollowell St.& By-Pass to Windjammer Rd./Windjammer Rd.&By-Pass to Villa Dunes Dr.	North Ridge,Villa Dunes, Woods Rd., Hills of Nags Head	N/A	8"	3500	$30.00	$168,000.00	This would tie in to the 8" where it runs through an easement into North Ridge, currently only one feed to Villa Dunes & Hills
3	East side of By-Pass from N.H. Acres to 8" stub out north of E. Bonnett St. connecting Baltic St., Morning View, Becker St., Barnes St., & Blackman St.	Vista Colony East between Baltic St. and Bonnet St.	N/A	8"	2100	$30.00	$100,800.00	This would eliminate 4 streets with dead end lines (2 of the streets have no fire protection)
4	West Barnes St. between Pamlico Ave. & Lost Colony Dr.	Britthaven Nursing Home	N/A	6"	287.5	$25.00	$11,500.00	
5 & 6	Adams Ln. & By-Pass to W. Barnes St./W. Barnes St. to W. Blue Jay St.	N.H. Acres, Vista Colony West, Hills of N.H., Villa Dunes	N/A	8"	2175	$30.00	$104,400.00	
7	Replace 6" line from Satterfield Landing to Oak Knoll Dr.on the west side of the By-Pass.	Carolista Colony, N.H. Pond, N.H. Acres	6"	8"	875	$30.00	$42,000.00	This eliminates friction loss due to the line reducing from 8" to 6" then back up to 8"
8	Replace 2" line from By-Pass to Cobia Way on Old Cove Rd.	South side Nags Head Cove	2"	6"	475	$25.00	$19,000.00	
9	Replace 6" line from Sam & Omies to Gulfstream St. on S. Va. Dare Tr.	Causeway, Lone Cedar Subdiv, Pond Island	6"	12"	1125	$40.00	$72,000.00	
10 & 11	West Grey Eagle St. to N.H. Causeway under the Whalebone Jct. intersection OR down the north side of the Causeway to the Lone Cedar Subdiv. 6" stub out	Causeway, Lone Ceder Subdiv., Pond Island	N/A	12"	4125	$40.00	$264,000.00	
12	Diamond St. to Danube on west side of By-Pass	South Ridge, N.H. Cove	N/A	12"	1350	$40.00	$86,400.00	
13	Northridge Subdiv. to Villa Dunes Dr. through Jockeys Ridge State Park	Villa Dunes, Woods Rd., Villas Apts., Hills of N.H.	N/A	6"	875	$25.00	$35,000.00	
14	North end of Soundside Rd. to the Villas Apartments through Jockeys Ridge State Park	Villas Apts., Villa Dunes, Woods Rd.	N/A	6"	4037.5	$25.00	$161,500.00	

*Estimated Total Cost = Total Length X Cost per LF X 1.6 (Valves, hydrants, driveway removal & replacement, fittings, mobilization, etc.)



Proposed waterline projects
PackageTreatment plants
Street Centerlines
NH boundary
Water Tanks

Pipe location and size

- 2
- 4
- 6
- 8
- 12
- 14
- 16
- 24

Prepared by Nags Head Planning & Development Staff
July 2006

Source: Town of Nags Head.

Projection Information
North Carolina State Plane
North American Datum 1927

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