



Town of Nags Head

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Date: January 27, 2023

RE: PEDESTRIAN PROJECT ADVISORY COMMITTEE SUMMARY

TO: Board of Commissioners

FROM: David Ryan, P.E.

In early 2022, the Town of Nags Head began to work on an update to its adopted 2014 Pedestrian Plan. A significant portion of the pedestrian project work from the Pedestrian Plan had been completed up to this point. Most of the project work was focused along the western portion of the S. Croatan Highway with the installation of a multi-use pathway system. The construction of this network established enhanced pedestrian connectivity to the west side neighborhoods and opportunities for new east/west connections in between highways with access to the oceanfront.

Due to this change in focus, a more deliberate approach to pedestrian and bicycle infrastructure improvements was undertaken. Citizen input was identified as a critical component to survey potential users of improvement options and assess relative needs and priorities. In August 2022, the Town of Nags Head Board of Commissioners selected six interested citizens with relevant interest areas and perspectives to serve on the newly formed Pedestrian Project Advisory Committee.

The focus of the committee's planning effort was to expand on the work identified in the Nags Head Pedestrian Plan (NHPP), adopted on July 16, 2014. The initial planning process began with an overview of the existing pathway network within Nags Head. Planning, design, scheduling, and funding were covered for the recent completion of pathway segments. A criteria-based approach to prioritizing project work was selected as the desired process by which to rank projects. Connectivity, Safety, Pedestrian Use Levels, Accessibility and Walkability, and Other Factors were the five main categories for which the list of potential projects would be evaluated.

Early in the process, pedestrian and bicyclist safety was identified as the most important factor out of the five categories. Pedestrian and bicyclist accident history was reviewed by the group to aid in identifying potential project locations. Committee members provided input on existing network "gaps", use of existing facilities, and opportunities for connectivity. Additional project identification was merged with an existing project list for the development of a comprehensive master list. A high-level overview of each project area was conducted to identify potential impediments to project execution.

A point value was assigned to each of the five categories, corresponding to its level of importance as determined by the committee. The assigned point values were applied to each of the individual projects to compute an overall score and project rank, (**see attached Table E, Final Prioritized Project List**). The committee findings will provide the

basis for future Capital Project Improvement requests for sidewalk and pathway implementation.

It is important to note that the final project list represents significant financial resources to achieve completion. Larger and more costly projects may need additional funding support, (i.e., grants), in conjunction with additional time to complete necessary surveying, planning, and design services necessary for construction. The planning process may take several years to achieve and require projects to be constructed outside of the ranking sequence. This was discussed and acknowledged by the committee members.

We would especially like to thank the committee members and their participation in the development of this pedestrian plan process to include Commissioner Renée Cahoon, Lynda Frattone, Rick Termeer, Aaron McCall, Kim Coward, Meade Gwinn, Bill Simmons, Deputy Chief Shane Hite, Town Clerk Carolyn Morris and Town Manager Andy Garman.

Table E- Final Prioritized Project List

Rank	Project Description	Cost	Length
1	W. Side Multi-Use Path (Carolista Dr. to Soundside Rd) ALT B AND E. Soundside Rd. to Dune St. (6' wide sidewalk) (east side of US Hwy 158)	\$ 1,298,548.00	6,645
2	E. Epstein St	\$ 57,750.00	420
3	Wrightsville Ave. -E. Bonnett St to S. Virginia Dare Trail	\$ 479,935.00	1,910
4	S. Seachase Dr. (Epstein)	\$ 45,150.00	420
5	W. Side Multi-Use Path (S. Seachase-W. Baymeadow Dr.)	\$ 1,500,750.00	4,350
6	W. Side Multi-Use Path (Gull St. to Gray Eagle St.)	\$ 289,800.00	720
7	E. Barnes St.	\$ 21,120.00	110
8	E. Admiral Street	\$ 51,975.00	550
9	W. Soundside Rd.	\$ 330,000.00	2,400
10	W. Blue Jay St.	\$ 44,550.00	360
11	W. Baymeadow Dr.	\$ 70,840.00	560
12	Intersection Satterfield Landing to Driftwood Dr. (east side of US Hwy 158)	\$ 52,200.00	290
13	E Grouse St.	\$ 65,588.00	450
14	W. Windjammer Dr.	\$ 101,832.00	805
15	W. Side Multi-Use Path (W. Gray Eagle St to Sugar Creek Restaurant)	\$ 668,800.00	1,900
16	W. Woodhill Dr.	\$ 103,125.00	750
17	W. Satterfield Landing Rd.	\$ 115,115.00	800
18	W. Villa Dunes Dr.	\$ 151,250.00	1,100
19	W. Lakeside St.	\$ 73,645.00	515
20	W. Oak Knoll Dr.	\$ 99,000.00	600
Total		\$ 5,620,973.00	

Costs include a 10% allowance for survey, design and permitting