

# CITY OF NORFOLK

## Department of Transit

### Bike-Pedestrian Counters Program - 2021

#### OBJECTIVE

The City of Norfolk is initiating a Bike-Pedestrian Counter Program to provide a reliable method of data collection. This data will be used to advance the goal of making biking and walking more comfortable and more connected in Norfolk by better understanding the trends of pedestrians and cyclists in the city.

The City aims to use the bike-ped counters to support the expansion of bike lanes. The data will be used to justify the existence of existing infrastructure and to support the planning and investment for future network expansions and safety measures for both modes. In addition, developing a bicycle count program will help Norfolk achieve a Silver award through the League of American Bicyclists as a symbol for being a bicycle-friendly city. Norfolk currently has a Bronze award.

The second phase of counter installations will focus on new bike lanes implemented according to the Multimodal Transportation Master Plan and the Strategic Bike Plan.

#### DATA COLLECTION

The bike counters use an inductive loop sensor technology and have been installed to detect bicycles in existing bike lanes. The pedestrian counters use an infrared sensor to count pedestrians on the adjacent sidewalk. Some counters are bicycle only counter and some are mixed bike and ped counters.

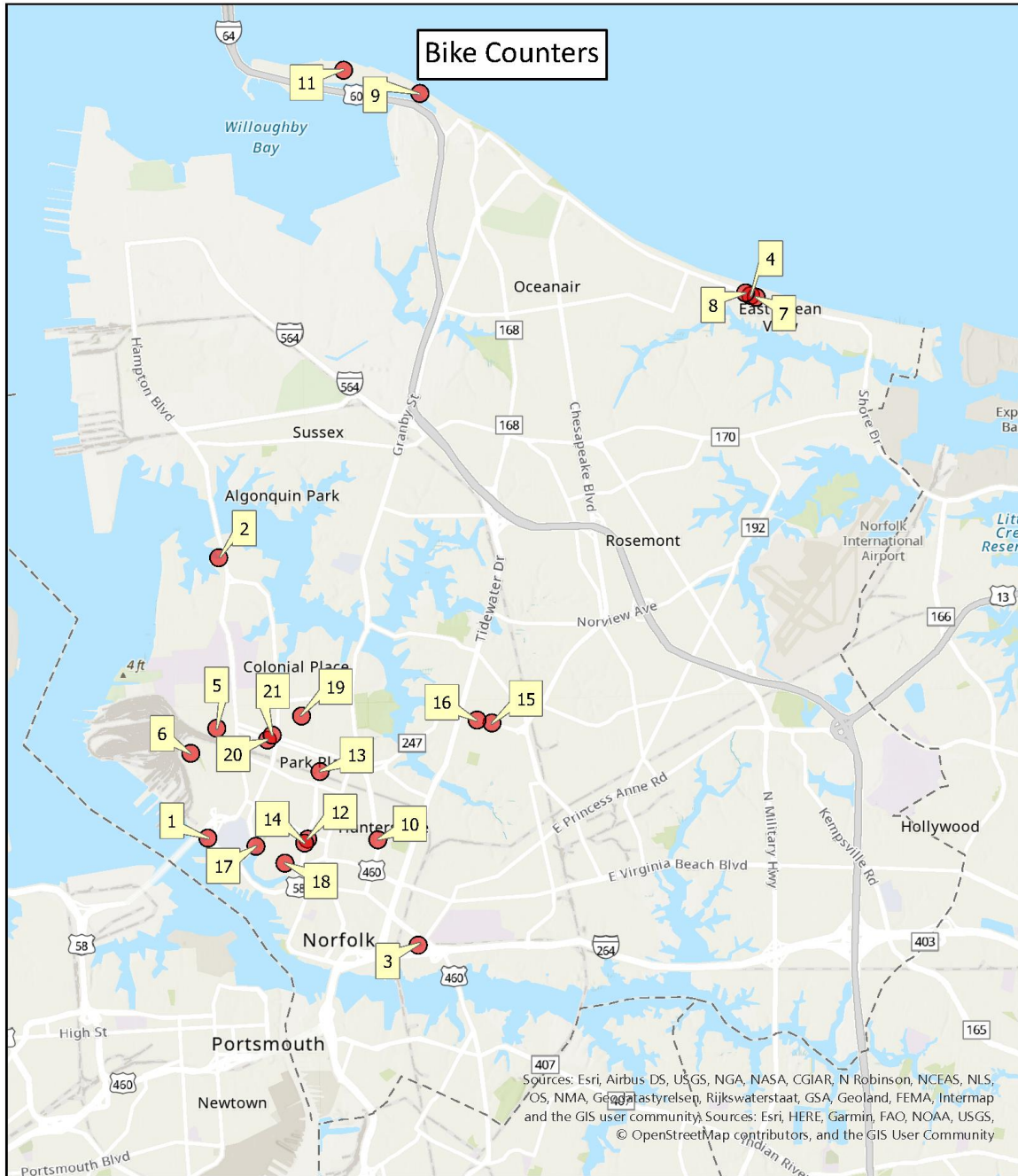
Data to be collected includes bicycle & pedestrian counts and speed, direction, and headway of bicyclists. Bike-ped data from new counters will be available at Norfolk Open Data Portal as well.

#### TABLE & MAP

The following table shows the installed and operational bike-ped counters in Norfolk. A map of the 21 bike-ped counter locations is on the following page.

ID	LOCATION	OWNERSHIP	TYPE
01	Plum Point Park (ERT)	Eco Counter / ERT owned	bike/ped
02	Larchmont Library (ERT)	Eco Counter / ERT owned	bike/ped
03	Park Ave/Claiborne Ave (ERT)	Eco Counter / ERT owned	bike/ped
04	E. Ocean View Avenue	Eco Counter / City owned	bike/ped
05	ERT Bridge/Lamberts Point	Eco Counter / City owned	bike/ped
06	Weyanoke Footbridge	Eco Counter / City owned	bike/ped
07	2509 E. Ocean View Avenue	Roadsys / City owned	bike/ped
08	2319 E. Ocean View Avenue	Roadsys / City owned	bike
09	7 <sup>th</sup> View Street	Roadsys / City owned	bike
10	1446 Church Street	Roadsys / City owned	bike
11	1076 W. Ocean View Avenue	Roadsys / City owned	bike
12	1134 Llewellyn Avenue	Roadsys / City owned	bike
13	2300 block Llewellyn Avenue	Roadsys / City owned	bike
14	1103 Llewellyn Avenue	Roadsys / City owned	bike
15	2502 Lafayette Boulevard	Roadsys / City owned	bike
16	2215 Lafayette Boulevard	Roadsys / City owned	bike

17	600 block W. Olney Road	Roadsys / City owned	bike/ped
18	300 block W. Olney Road	Roadsys / City owned	bike
19	605 W. 35 <sup>th</sup> Street	Roadsys / City owned	bike
20	830 W. 26 <sup>th</sup> Street	Roadsys / City owned	bike
21	812 W. 27 <sup>th</sup> Street	Roadsys / City owned	bike



● Bike Counters



0 4,000 8,000 Feet



Map produced by the City of Norfolk,  
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