



CROSS COUNTY CONNECTION TMA



BIKE ROUTE LOCATOR APPLICATION

www.driveless.com



MOBILE DEVICE APPLICATIONS



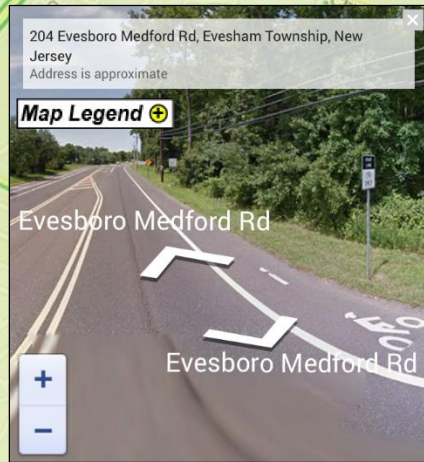
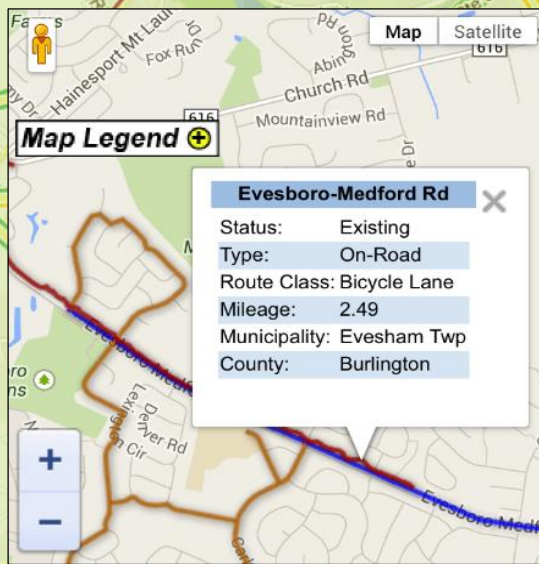
Transit Locator: www.transitlocator.com

NJ Intersections: www.njintersections.com

Bike Route Locator: www.bikeroutelocator.com

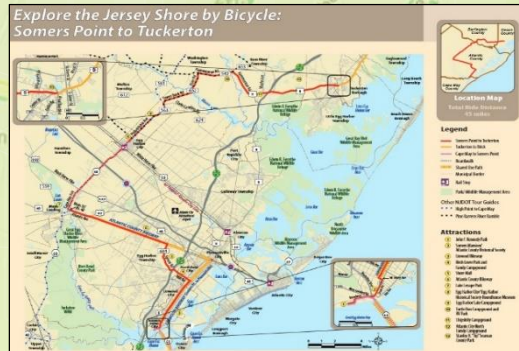
- **FREE Web Applications**
- **No Installation Necessary**
- **Compatible with all web-enabled mobile devices**
- **Works on desktop computers, laptops, and tablets**
- **Familiar Google Maps Interface**
- **Bookmark for Easy Reference**

Bike Route Locator



Bikeway Legend

- Off-Road Bicycle Path**
Off-road bicycle facility separated from vehicular traffic
- On-Road Bicycle Lane**
Bicycle right-of-way designated by pavement striping and signage for bicyclists only
- On-Road Bicycle Route**
Roadway shared by bicycle and vehicular traffic with the installation of directional and informational signage
- NJDOT Touring Route**



BIKE ROUTE LOCATOR

- Quickly identify nearby existing bikeways.
- Includes over 450 miles of existing bikeways in Southern NJ.
- Uses your phone's built-in GPS technology to identify your approximate location.
- Includes NJDOT Bike Tour Routes and PDF tour guides.
- Features the Google Streetview service to identify a bikeways exact location and condition.

www.bikeroutelocator.com

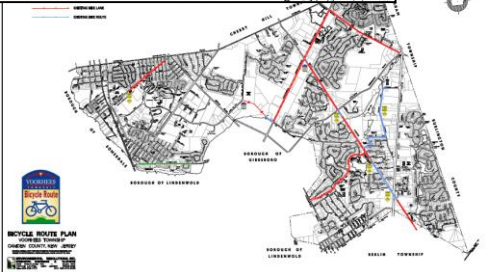
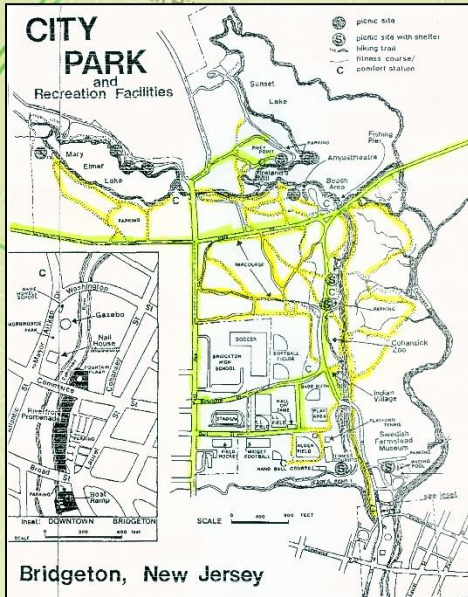
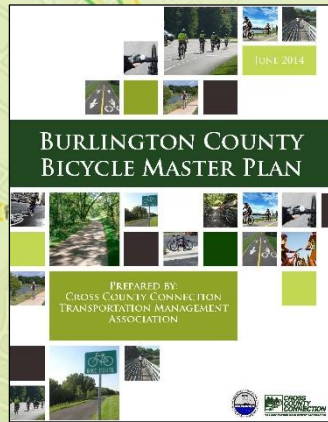
BIKE ROUTE DATA

Bicycle Route Inventories

Cross County Connection began surveying towns and counties for existing and proposed bikeways in 2003.

- ✓ Atlantic County
- ✓ Burlington County
- ✓ Camden County
- ✓ Cumberland County
- ✓ Cape May County
- ✓ Gloucester County
- ✓ Salem County

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BIKE ROUTE DATA

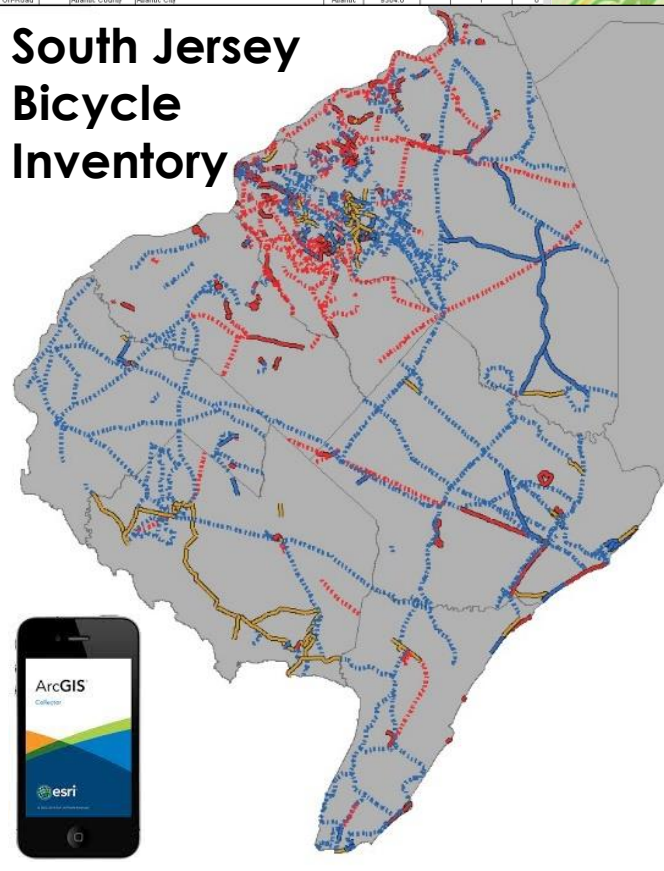
Data Collection & Classification

- Maintain a GIS inventory of existing bikeways totaling 1700+ miles.
- Conduct GPS fieldwork to verify route location and length.
- Classify Existing Bike Routes as:

Bikeway Legend

- Off-Road Bicycle Path**
Off-road bicycle facility separated from vehicular traffic
- On-Road Bicycle Lane**
Bicycle right-of-way designated by pavement striping and signage for bicyclists only
- On-Road Bicycle Route**
Roadway shared by bicycle and vehicular traffic with the installation of directional and informational signage
- NJDOT Touring Route**

South Jersey Bicycle Inventory



OID	Facility Name	Status	Type	Signage	Source	Municipality	County	Length (feet)	Striped	Sidewalk	Path W
1	14th St	Existing	On-Road	Y	Bridgeton	Bridgeton	Atlantic	823.9	Y	1	0
2	27th	Proposed	On-Road		Longport	Longport	Atlantic	704.7	Y	0	0
3	240th St	Existing	On-Road	Y	Bridgeton	Bridgeton	Atlantic	711.9	Y	1	0
4	Albion Blvd	Proposed	On-Road		Atlantic County	Absecon, Atlantic City	Atlantic	4190.0	Y	1	0
5	Albion Dr	Proposed	On-Road		Cortin City	Cortin	Atlantic	11448.9	Y	1	0
6	Albany Ave	Proposed	On-Road		Atlantic County	Atlantic Cbr	Atlantic	3693.2	Y	1	0
7	Atlantic Ave	Existing	Off-Road	Y	Somers Point	Somers Point	Atlantic	6577.8	N	1	10
8	Atlantic Ave	Existing	On-Road		Atlantic County	Margate	Atlantic	6697.7	Y	1	0
9	Atlantic Ave	Existing	On-Road		Longport	Longport	Atlantic	6426.1	Y	0	0
10	Atlantic City Inlet Bikeway	Proposed	On-Road	Y	Atlantic City	Atlantic City	Atlantic	15951.0	Y	1	0
11	Barnes Ave	Proposed	On-Road		Hammononton	Hammononton	Atlantic	15307.7	Y	1	0
12	Black Horse Pike	Proposed	On-Road		Atlantic County	Folsom, Hamilton, Egg Harbor Twp, Pleasantville	Atlantic	143515.0	Y	1	0
13	Blue Anchor Road	Proposed	On-Road		Atlantic County	Buena Vista, Buena	Atlantic	917.5	Y	1	0
14	Boardwalk	Existing	Off-Road	Y	Atlantic City	Atlantic City	Atlantic	15269.8	Y	1	80
15	Boardwalk	Existing	Off-Road	Y	Ventnor	Ventnor	Atlantic	8764.4	N	1	20
16	Bridgeton Ave	Existing	On-Road	Y	Bridgeton	Bridgeton	Atlantic	5207.6	Y	2	5
17	Bridgeton Blvd	Proposed	On-Road	N	Bridgeton	Bridgeton	Atlantic	20855.7	Y	2	5
18	Bridgeton Blvd	Proposed	On-Road		Atlantic County	Atlantic City, Bridgeton	Atlantic	3040.3	Y	1	0
19	Buena Existing Off-Road Bicycle Facility	Existing	Off-Road	Y	Buena Boro	Buena	Atlantic	7449.7	Y	1	10
20	Buena-Hammonton Road	Proposed	On-Road		Atlantic County	Buena Vista	Atlantic	15061.7	Y	1	0
21	Chase May Ave	Proposed	On-Road		Atlantic County	Hamilton	Atlantic	6225.2	Y	1	0
22	Cedar Ave	Existing	On-Road	Y	Buena Vista	Buena Vista	Atlantic	7566.0	Y	1	6
23	Cedar Ave	Proposed	On-Road	Y	Buena Vista	Buena Vista	Atlantic	1960.2	Y	1	0
24	Clarks Landing Road	Proposed	On-Road		Port Republic	Port Republic, Oalloway, Egg Harbor City	Atlantic	93485.0	Y	0	0
25	Delash Road	Proposed	On-Road		Atlantic County	Egg Harbor Twp, Pleasantville	Atlantic	30732.9	Y	1	0
26	Existing County Bicycle Facility	Existing	Off-Road		Atlantic County	Hamilton, Egg Harbor Twp	Atlantic	40200.2	Y	1	0
27	Existing Municipal Bicycle Facility	Existing	Off-Road		Atlantic County	Pleasantville	Atlantic	2577.6	Y	1	0
28	Existing Municipal Bicycle Facility	Existing	Off-Road		Atlantic County	Pleasantville	Atlantic	499.3	Y	1	0
29	Existing Municipal Bicycle Facility	Existing	Off-Road	Y	Atlantic County	Northfield	Atlantic	8747.4	Y	1	10
30	Existing Municipal Bicycle Facility	Existing	Off-Road	Y	Pleasantville	Pleasantville	Atlantic	426.4	N	1	13
31	Existing Municipal Bicycle Facility	Existing	Off-Road	Y	Pleasantville	Pleasantville	Atlantic	4983.0	N	1	12
32	Existing Municipal Bicycle Facility	Existing	Off-Road	Y	Pleasantville	Pleasantville	Atlantic	2275.5	N	1	12
33	Franklin Ave	Proposed	On-Road		Pleasantville	Pleasantville	Atlantic	5713.9	Y	1	0
34	Franklin Blvd	Proposed	On-Road		Absecon City	Absecon	Atlantic	1588.4	Y	2	8
35	Harbor Beach Blvd	Proposed	On-Road		Bridgeton	Bridgeton	Atlantic	5607.7	Y	1	0
36	Harbor Highway	Proposed	On-Road	N	Atlantic County	Hamilton	Atlantic	24951.4	Y	1	0
37	Harbor Highway	Proposed	On-Road		Atlantic County	Hamilton, Buena Vista, Buena	Atlantic	6820.2	Y	1	0
38	High Point to Cape May	Proposed	On-Road		Atlantic County	Mullica, Egg Harbor City, Hamilton, Weymouth, Estab M	Atlantic	143406.2	Y	1	0
39	Highland Blvd	Existing	On-Road	Y	Absecon City	Absecon	Atlantic	3934.2	Y	2	8
40	Huron Ave	Proposed	On-Road		Atlantic County	Atlantic City	Atlantic	3130.9	Y	1	0
41	Jimmie Leeds Road	Proposed	On-Road		Atlantic County	Calloway	Atlantic	24210.6	Y	1	0
42	Lagoon Blvd	Proposed	On-Road	N	Bridgeton	Bridgeton	Atlantic	5081.5	Y	2	5
43	Longport-Somers Point Blvd	Proposed	On-Road		Atlantic County	Longport, Egg Harbor Twp, Somers Point	Atlantic	18204.5	Y	1	0
44	New Road	Proposed	On-Road		Atlantic County	Absecon, Pleasantville, Northfield, Linwood, Somers P	Atlantic	68674.4	Y	1	0
45	New York Road	Proposed	On-Road		Atlantic County	Calloway, Port Republic	Atlantic	45968.8	Y	1	0
46	Ocean Ave	Existing	On-Road	Y	Bridgeton	Bridgeton	Atlantic	3964.3	Y	1	5
47	Piney Park	Existing	Off-Road	Y	Absecon City	Absecon	Atlantic	4539.0	Y	1	10
48	Pleasantville Blvd	Proposed	On-Road		Atlantic County	Atlantic City	Atlantic	9350.0	Y	1	7
49	Pomona Road	Proposed	On-Road								
50	Proposed County Bicycle Facility	Proposed	On-Road								
51	Proposed County Bicycle Facility	Proposed	On-Road								
52	Proposed County Bicycle Facility	Proposed	On-Road								
53	Proposed Municipal Bicycle Facility	Proposed	On-Road								
54	Proposed Municipal Bicycle Facility	Proposed	On-Road								
55	Proposed Off-Road Facility	Proposed	Off-Road								
56	Route 50	Proposed	On-Road								



GOOGLE STREETVIEW

- Used Google Streetview to verify the presence of reported bikeways.
- Performed GPS fieldwork when Streetview coverage was missing.



Kettle Run Rd

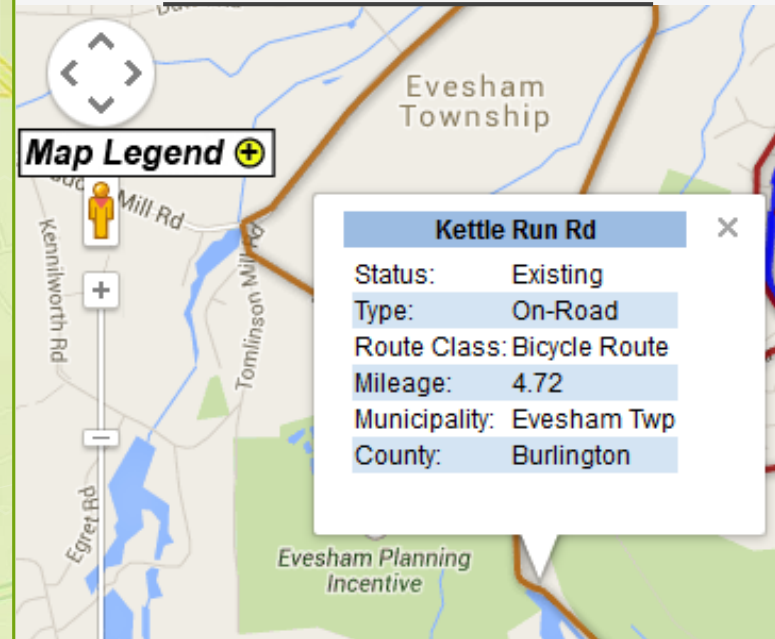


Kettle Run Rd

On-Road Bicycle Route

Roadway shared by bicycle and vehicular traffic with the installation of directional and informational signage

EXAMPLE BIKE ROUTE:

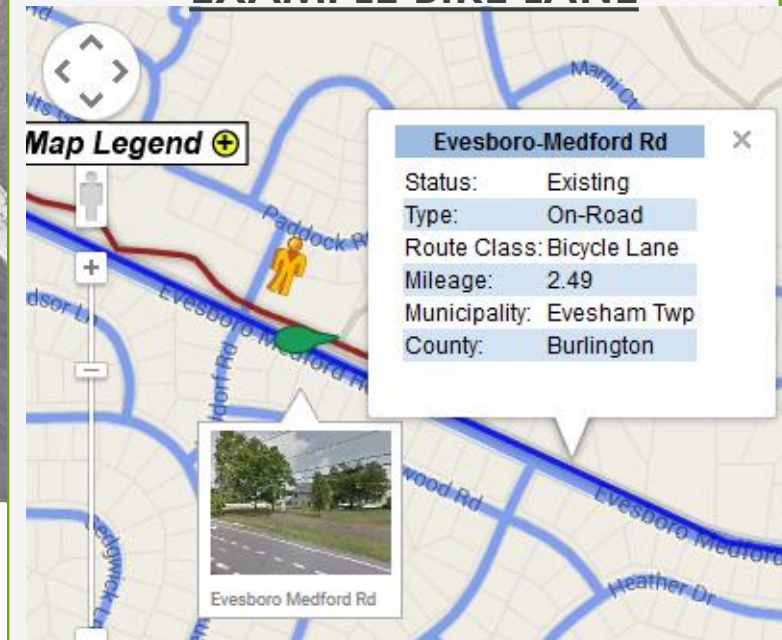


GOOGLE STREETVIEW

- Preview Bike Route Conditions and Setting.
- Increases Rider Confidence.



EXAMPLE BIKE LANE



On-Road Bicycle Lane

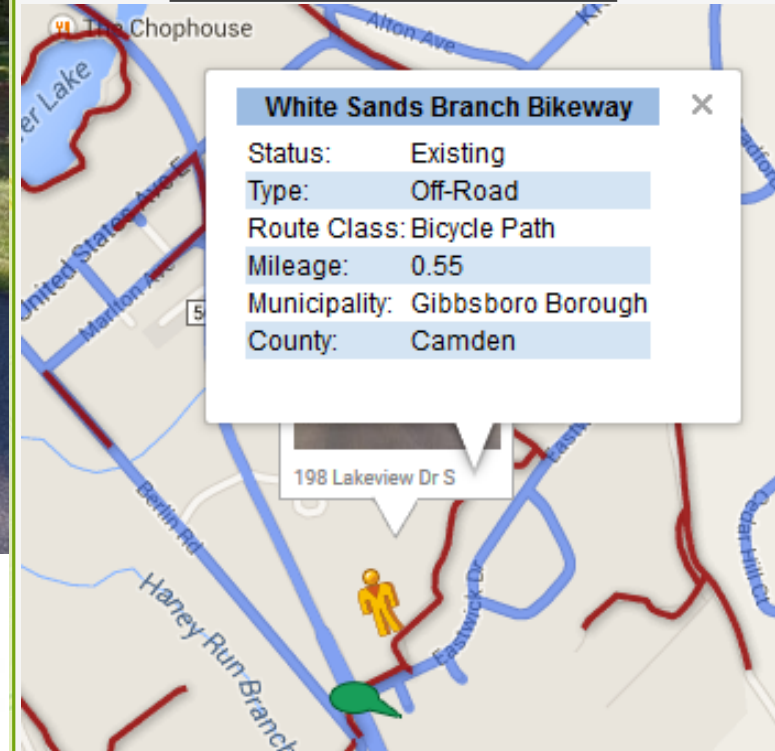
Bicycle right-of-way designated by pavement striping and signage for bicyclists only


GOOGLE STREETVIEW



- Preview the Locations of Trailheads.
- Off-Road Trails are included when parallel to roads.

EXAMPLE BIKE PATH



 **Off-Road Bicycle Path**
Off-road bicycle facility separated from vehicular traffic

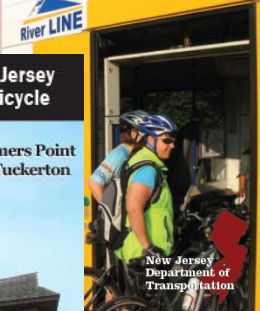
Cumberland Salem Revolution

A Tour Guide for Cyclists



Burlington County Bikeways

A Tour Guide for Cyclists

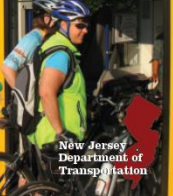


HIGH POINT CAPE MAY BIKE ROUTE

A Tour Guide for Cyclists

Governor Jon S. Corzine Commissioner Kris Kolluri, Esq.
New Jersey Department of Transportation

Explore the Jersey Shore by Bicycle



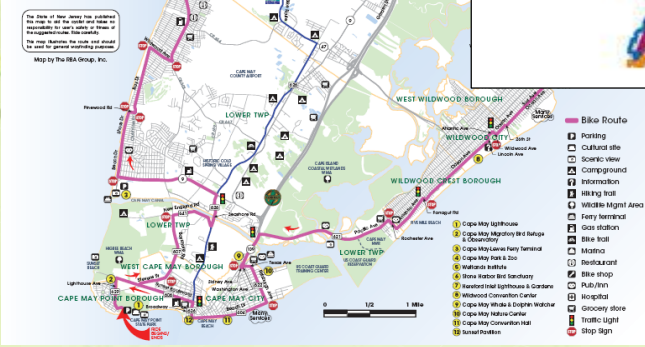
The Cape May Shoreline Ride

Distance (Miles)	Point (Miles)	Route Directions/Remarks
33.4	0.2	Left on Locust Ave. (at turn-off) (left). Look for the blue palm trees.
33.5	0.1	Right on Ocean Ave. Numerous bike rentals, services, indoor recreation center/quality restrooms on left.
35.4	1.2	Right at top sign on Washington.
35.5	0.1	Left at traffic light on Atlantic Ave.
35.4	0.9	Right on Rochester Ave. Passing New France Hotel Community.
35.6	0.2	Left at stop sign on Pacific Ave. Changed to CR 610 (West Drive). Cross toll bridge (No toll for bicyclists).
35.7	3.1	Left at traffic light on CR 1000.
42.5	0.5	Left at stop sign on Silkey Ave. Sign: Left at stop sign on Washington Ave.
42.6	0.1	Right on Texas Ave. Changes to Pittsburgh Ave. (CR 610). Beaches, sign and bike racks.
41.7	1.1	Right at stop sign on CR 604 (Beach Dr).
43.4	1.7	Right on CR 604 (Beach Dr).
43.7	0.4	Left at traffic light on CR 604 (Surfline Blvd).
42.5	1.4	Left on CR 610 (Beach Dr).
42.5	0.5	Left on CR 610 (Beach Dr).
42.4	0.1	Arrive at starting point.

46.4 Miles Total

The State of New Jersey has published this map as an informational guide to bicycling routes in the State. It is not intended to be used as a legal document. The State assumes no liability and should be used for general reference purposes.

Map by The BSA Group, Inc.



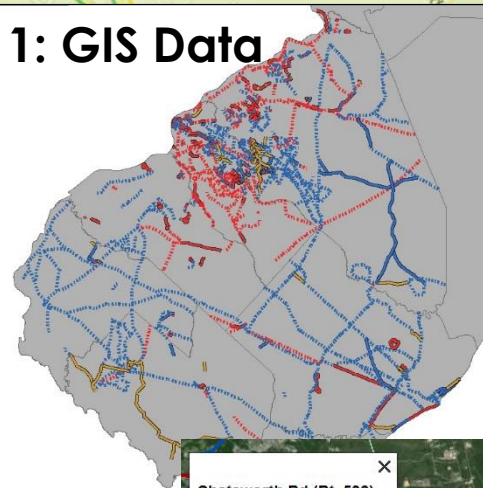
BIKE ROUTE DATA

NJDOT Bicycle Tours

- NJDOT has published over 20 tour guides with turn-by-turn directions.
- Includes High Point to Cape May tour which covers 238 miles.
- Many of the NJDOT Tour Guides are GPS-enabled PDF's which work with mobile devices.

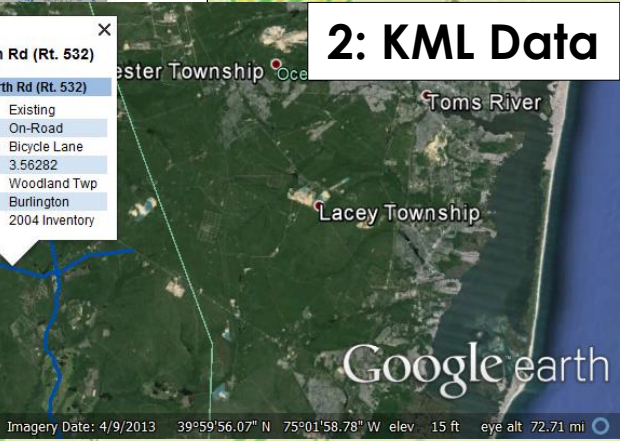
www.bikeroutelocator.com

1: GIS Data



2: KML Data

Chatsworth Rd (Rt. 532)	
Status:	Existing
Type:	On-Road
Route Class:	Bicycle Lane
Mileage:	3.56282
Municipality:	Woodland Twp
County:	Burlington
Source:	2004 Inventory



Imagery Date: 4/9/2013 39°59'56.07" N 75°01'58.78" W elev 15 ft eye alt 72.71 mi

3: Google Fusion Table



DATA PREPARATION

Bike Route Data Workflow

- Separate Existing Bike Routes from Proposed Bike Routes.
- Digitize NJDOT Bicycle Tours in GIS.
- Convert GIS inventory to KML and create pop-up window information in Google Earth.
- Create Google Fusion Tables for Existing Bike Routes and NJDOT Bike Tours.
- Reference the Bike Route Fusion Table within Application.

www.bikeroutelocator.com

DEMONSTRATION VIDEO

Bike Route Locator



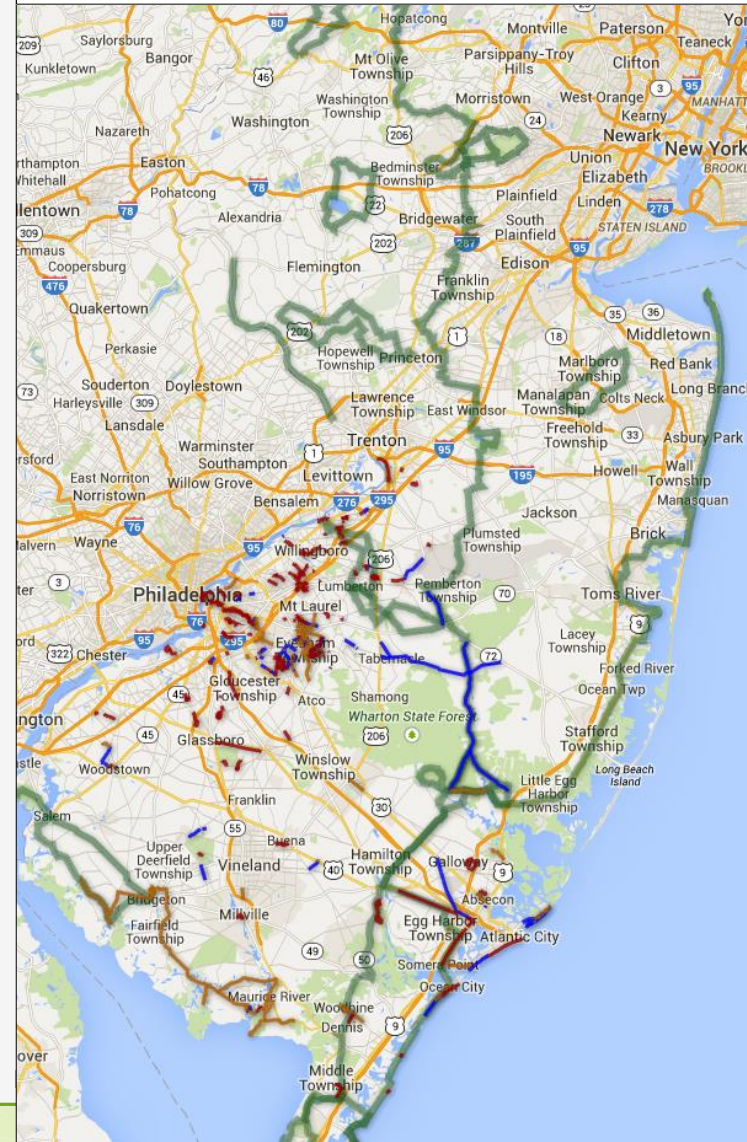
**CROSS
COUNTY
CONNECTION**

TRANSPORTATION MANAGEMENT ASSOCIATION

About

BIKE ROUTE LOCATOR

ASSEMBLED APPLICATION



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