

Morris County

Analysis Inputs

Many municipalities in Morris County have high bicycle trip potential, scoring 50 and above. There are high pockets of demand, scoring 70 and above, in all of Town of Dover, Town of Boonton, Madison Borough, Chatham Borough, Butler Borough, and Netcong Borough; in most of Florham Park Borough, Denville Township, Parsippany-Troy Hills Township, Lincoln Park Borough, Pequannock Township, East Hanover Township, and Hanover Township; and in parts of Roxbury Township, Jefferson Township, Kinnelon Borough, Montville Township, Chatham Township, Morris Township, Mine Hill Township, Randolph Township, and Long Hill Township. The majority of Rockaway Borough, Jefferson Township, Washington Borough, Chester Borough, Mendham Borough, and Harding Township have low trip potential (scoring under 50), although some areas are known to attract a lot of recreational cyclists such as the Great Swamp Ride in Harding Township.

Several high-crash intersections are concentrated in the Town of Dover and Town of Boonton. There is a high-crash corridor in Chester Borough along Main Street. The half-mile regional network buffer overlaps with all Network Screening Analysis crash locations in Morris County.

Table 13 shows the most predominant EJ populations in Morris County by census block. Overburdened community census block groups in Morris County consist mostly of minority and combined low-income/minority populations. There is a high concentration of minority populations in Wharton Borough, Mine Hill Township, and Parsippany-Troy Hills Township. Smaller minority populations are in Florham Park Borough, Madison Borough, Jefferson Township, Montville Township, Town of Boonton, Hanover Township, Morris Township, Town of Morristown, Mount Olive Township, Roxbury Township, Town of Dover, and Randolph Township. Low-income/minority populations are present in Mount Olive Township, Roxbury Township, Town of Dover, Parsippany-Troy Hills Township, and Morris Township. OBC groups cover all of Town of Dover and Wharton Borough. The regional network connects to most of these locations.

Table 13: Overburdened Communities in Morris County

OBC Category	Number of census blocks
Low Income	1
Low Income and Minority	14
Low Income, Minority, and Limited English	2
Minority	68
Minority and Limited English	1

Public Feedback

There were 35 webmap responses in Morris County in several municipalities. Comments included requests for safer spaces to walk, bike, and cross (including locations where drivers speed or are aggressive towards pedestrians) to parks and recreation areas, train stations, retail areas/shops, as well as schools and community centers (particularly in Mount Olive Township, Netcong Borough, Wharton Borough, Parsippany-Troy Hills Township, Morris Plains Borough, and Morris Township). Requests also focused on connections between Netcong Borough and neighboring Roxbury Township and Mount Olive Township, as well as between Town of Morristown, Morris Township, Chatham Borough, and Madison Borough. There were several complaints about lack of maintenance along a part of the Morris Canal Greenway in the northern part of Mount Olive Township. The regional network has the potential to address many of the requests, including forming connections between Netcong Borough and neighboring municipalities.

Existing Network and Proposed Improvements

There are several regional active transportation corridors in Morris County. Foremost, the Morris Canal Greenway is a preserved, historic right-of-way providing an east-west connection through the entire state – traversing the central part of Morris County from Lincoln Park to Mount Olive Township, via Montville Township, Town of Boonton, Boonton Township, Denville Township, Rockaway Borough, Rockaway Township, Town of Dover, Wharton Borough, Roxbury Township, and Netcong Borough. The NJTPA spearheaded the Morris Canal Working Group to coordinate the study and development of a continuous greenway facility for recreation and active transportation. The existing greenway connects all remaining segments of the original canal towpath, and many more projects are identified to fully restore connectivity and provide convenient access to regional active transportation opportunities.

The Patriots Path (also part of the September 11th National Memorial Trail) forms a major east-west connection. The path runs through the southern part of Morris County from East Hanover to Mount Olive, and travels through Hanover, Morristown, Morris, Mendham, Randolph, Chester Borough, Chester Township, and Washington. The Columbia Trail in Washington spans 15 miles and connects to High Bridge in neighboring Hunterdon County. There are three minor northeast-southwest trails: the Black River Wildlife Management Area Trail that travels from Chester Township to Randolph Township, the West Morris Greenway that extends the Black River Wildlife Management Area Trail north to Roxbury Township, and the Traction Line Recreation Trail that runs from Town of Morristown to Madison Borough. Additionally, there are several local trail systems, such as Randolph Township's Trails. The regional network connects to all these trails, forming new links to neighboring municipalities and counties. Additionally, the regional network connects to several local nature paths, including Pyramid Mountain Natural Historic Area in Montville Township, Hedden County Park in Mine Hill Township, Lewis Morris Park in Town of Morristown, and Freedom Park in Randolph Township.

The regional network overlaps with 13 NJ TRANSIT stations in Morris County across three commuter rail lines:

- Montclair-Boonton Line: Lincoln Park Borough, Towaco, Town of Boonton, Town of Dover, Mt Arlington Borough, Netcong Borough
- Morristown Line: Chatham Borough, Madison Borough, Town of Morristown, Morris Plains Township
- Gladstone Branch: Gillette, Stirling

This overlap provides a strong opportunity to improve first- and last-mile connections from transit stations to population centers and residential areas within Morris County. Additionally, several parts of the regional network overlap with the Morristown Line (from Chatham Borough to Madison Borough, from Town of Morristown to Morris Plains Township) or parallel the line (from Town of Dover to Netcong Borough). Similarly, the network overlaps with the Montclair-Boonton Line (from Lincoln Park Borough to Town of Boonton, in Town of Dover) or parallel the line (from Mountain Lakes Borough to Denville Township). This will provide an alternative travel mode for when there are transit delays or issues.

Table 14 lists all roads in Morris County's regional network. It includes road name, municipality, and length of each segment. Network segments that are less than 0.25 miles in length are not listed. Many network segments are on high-volume state highway corridors; as such they are not presently conducive to active transportation. However, walk/bike potential does exist in these areas, and more suitable parallel routing could be explored, such as sidepaths, trails, and other separated facilities, as well as improved transit service for longer distance connections. Local roads that parallel the regional network may also be used as alternate low-stress routes during network implementation.

Table 14: Morris County Regional Network Corridors

Road Name	County/NJ/US Route	Municipality	Start Point	End Point	Length (Miles)
Main Street	CR 511	Borough of Butler	N/A	Elizabeth Street, River Place Walkway	0.63
West Main Street	CR 513	Borough of Chester	Old Route 24 (Washington Turnpike)	Lackawanna Place, Main Street (Old Rt. 24), Patriots Path	0.59
Columbia Turnpike	CR 510	Borough of Florham Park	N/A	N/A	4.91
Ridgedale Avenue	CR 608, CR 632	Borough of Florham Park	N/A	N/A	2.47
Boonton Avenue	CR 511	Borough of Kinnelon	N/A	N/A	8.19
Paterson – Hamburg Turnpike	NJ 23	Borough of Kinnelon	Paterson - Hamburg Turnpike	N/A	1.34
Green Village Road	CR 647	Borough of Madison	Main Street	Shunpike Road, Southern Boulevard	1.31
Main Street	NJ 124	Borough of Madison	N/A	N/A	2.95
Hilltop Road	CR 525	Borough of Mendham	Mendham Road, Mountain Avenue	Bernardsville Road	1.49
Bernardsville Road	CR 525	Borough of Mendham	Hilltop Road	County Line Road, Mendham Road	0.92
Mendham Road	CR 510	Borough of Mendham	Roxiticus Road, Washington Turnpike (Old Rt. 24)	Mendham Road (Old Rt. 24), Tempe Wick Road	2.06
Mendham Road (Old Rt. 24)	CR 510	Borough of Mendham	East Main Street	Mendham Road, Tempe Wick Road	0.26
Hanover Avenue	CR 650	Borough of Morris Plains	Burnham Road, Stiles Avenue, West Hanover Avenue	East Hanover Avenue, Speedwell Avenue	0.42
Howard Boulevard	CR 615	Borough of Mount Arlington	Espanong Road, Minnesink Road	Mount Arlington Road	4.69
N/A	N/A	Borough of Netcong	N/A	N/A	0.64
Flanders Road	N/A	Borough of Netcong	Flanders Drive	Bank Street	0.28
Ledgewood Avenue	US 46	Borough of Netcong	Barone Street, Ledgewood Road	N/A	0.25
Paterson-Hamburg Turnpike	CR 511 Alt, CR 694	Borough of Riverdale	N/A	Brandt Lane, Main Street	1.34
Newark-Pompton Turnpike	CR 511 Alt	Borough of Riverdale	Paterson-Hamburg Turnpike	Windbeam Road	0.95

Road Name	County/NJ/US Route	Municipality	Start Point	End Point	Length (Miles)
West Main Street	CR 513	Borough of Rockaway	East Main Street, Wall Street	Dover Rockaway Road, Swede Mine Road	1.34
Church Street	CR 513	Borough of Rockaway	Dock Street, Wall Street	Halsey Avenue	0.33
Hibernia Avenue	CR 513	Borough of Rockaway	Halsey Avenue, Hoagland Avenue, White Meadow Avenue	Vanderhoof Avenue	0.32
West Union Turnpike	NJ 15	Borough of Wharton	N/A	N/A	0.75
Main Street	CR 511, US 202	Town of Boonton	Lathrop Avenue, Washington Street	Boonton Avenue	0.35
Washington Street	CR 511, US 202	Town of Boonton	Lathrop Avenue, Main Street	N/A	0.48
Prospect Street	CR 513	Town of Dover	West Blackwell Street	Reservoir Avenue, VanNostrand Avenue	0.66
N/A	N/A	Town of Dover	East McFarlan Street, E. McFarlan Street	Bloomfield Avenue	0.58
N/A	N/A	Town of Dover	West Blackwell Street	West McFarlan Street	0.25
West McFarlan Street	US 46	Town of Dover	N/A	East McFarlan Street, North Sussex Street	0.33
West Clinton Street	NJ 15	Town of Dover	West McFarlan Street	North Street, West Union Turnpike	1.00
W. Blackwell Street	US 46	Town of Dover	Hurd Street, Main Street	West Blackwell Street	0.44
South Salem Street	CR 665	Town of Dover	S. Salem Street	S. Salem Street	0.75
East Blackwell Street	CR 513	Town of Dover	North Sussex Street, West Blackwell Street	E. Blackwell Street	0.56
E. McFarlan Street	US 46	Town of Dover	Bergen Street, East McFarlan Street, Mount Hope Avenue	East McFarlan Street	0.36
Morris Street	CR 510	Town of Morristown	N/A	N/A	0.83
Spring Street	N/A	Town of Morristown	N/A	N/A	0.41
Madison Avenue	NJ 124	Town of Morristown	South Street	Kahn Road, Old Glen Road	1.18
Speedwell Avenue	US 202	Town of Morristown	N/A	Franklin Place, Grannis Avenue, Littleton Road	2.19
South Street	NJ 124	Town of Morristown	N/A	N/A	0.72
Washington Street	CR 510	Town of Morristown	Bank Street, North Park Place, West Park Place	Mendham Avenue (Old Rt. 24)	0.68
Morris Avenue	CR 510	Town of Morristown	Ford Avenue, Morris Street, Taft Lane	Columbia Road	0.66

Road Name	County/NJ/US Route	Municipality	Start Point	End Point	Length (Miles)
Green Village Road	CR 646	Township of Chatham	N/A	Dicksons Mill Road, Village Road	1.46
Lackawanna Place	US 206	Township of Chester	N/A	N/A	6.23
Main Street	CR 510, CR 513	Township of Chester	Budd Avenue, Grove Street, Hillside Road, Main Street (Old Rt. 24), Patriots' Path	Washington Turnpike	3.44
Old Chester-Gladstone Road	N/A	Township of Chester	N/A	N/A	1.09
North Road	CR 513	Township of Chester	Main Street, Oakdale Road, Patriots' Path	Dover - Chester Road, Hugg Road, Ironia Mendham Road, Patriots' Path	3.82
Old Route 24 (Washington Turnpike)	CR 513	Township of Chester	Old Route 24	West Main Street	0.71
Old Chester Road	N/A	Township of Chester	Old Chester-Gladstone Road, Ryan Court	Old Chester-Gladstone Road	1.37
Rt 10 East	NJ 10	Township of Denville	Rt 10 West	Franklin Road, Rt 10 West	0.71
West Mount Pleasant Avenue	NJ 10	Township of East Hanover	N/A	N/A	0.32
N/A	NJ 10	Township of Hanover	N/A	N/A	9.53
East Hanover Avenue	CR 650	Township of Hanover	N/A	N/A	0.43
North Jefferson Road	N/A	Township of Hanover	N/A	N/A	1.18
Park Avenue	N/A	Township of Hanover	Cedar Knolls Road, Warren Street	Whippany Road	0.28
South Jefferson Road	N/A	Township of Hanover	Patriots' Path	North Jefferson Road	0.84
Village Road	CR 646	Township of Harding	Glen Alpin Road	Dicksons Mill Road, Green Village Road	2.35
Glen Alpin Road	CR 646	Township of Harding	Mount Kemble Avenue, Tempe Wick Road	Village Road	1.68
Long Hill Road	CR 604	Township of Harding	Lee's Hill Road, Lees Hill Road	New Vernon Road	2.62
Mount Kemble Avenue	US 202	Township of Harding	Bank Street, MacCulloch Avenue, Market Street	Morristown Road	5.20
Lees Hill Road	CR 663	Township of Harding	Lee's Hill Road, Long Hill Road	Village Road	0.40
Newfoundland Road	NJ 23	Township of Jefferson	N/A	N/A	0.21
N/A	N/A	Township of Jefferson	N/A	N/A	0.57
Espanong Road	CR 615	Township of Jefferson	N/A	N/A	2.33

Road Name	County/NJ/US Route	Municipality	Start Point	End Point	Length (Miles)
N/A	NJ 181	Township of Jefferson	Woodport Road	Espanong Road	1.61
Berkshire Valley Road	CR 699	Township of Jefferson	N/A	N/A	9.45
Rt 15 North	NJ 15	Township of Jefferson	Berkshire Valley Road	N/A	2.04
Hurdtown Trail	NJ 15	Township of Jefferson	N/A	Edison Road, Rt 15 South	0.51
Rt 15 South	NJ 15	Township of Jefferson	Edison Road, Hurdtown Trail	Berkshire Valley Road	2.09
N/A	N/A	Township of Jefferson	Rt 15 North	Bowling Green Parkway, Compton-Gobel Road	0.37
New Vernon Road	CR 604	Township of Long Hill	Meyersville Road	Long Hill Road	1.40
Valley Road	CR 512	Township of Long Hill	Springfield Avenue	River Road	4.30
Tempe Wick Road	CR 646	Township of Mendham	N/A	N/A	4.28
Mendham Road	NJ 24, CR 510	Township of Mendham	Washington-Mendham Road E. (Old Rt. 24)	East Main Street, Mendham Road (Old Rt. 24)	3.23
Washington Turnpike	CR 510	Township of Mendham	Main Street	Washington Turnpike (Old Rt. 24)	0.74
Main Street	US 46	Township of Mine Hill	W. Blackwell Street	Hurd Street, W. Blackwell Street	1.89
Bloomfield Avenue	NJ 159	Township of Montville	N/A	N/A	0.44
N/A	N/A	Township of Montville	N/A	N/A	0.98
Changebridge Road	CR 621	Township of Montville	Stiles Lane	N/A	1.23
Whippany Road	CR 511	Township of Morris	N/A	N/A	1.46
East Hanover Avenue	CR 650	Township of Morris	N/A	N/A	1.98
Washington-Mendham Road E. (Old Rt. 24)	CR 510	Township of Morris	Burnham Parkway, Mendham Avenue (Old Rt. 24)	N/A	1.62
Sussex Avenue	CR 617	Township of Morris	Speedwell Avenue	Mount Pleasant Road, Raynor Road, Sussex Turnpike	3.27
West Hanover Avenue	CR 650	Township of Morris	N/A	Burnham Road, Hanover Avenue, Stiles Avenue	0.71
Mendham Avenue (Old Rt. 24)	CR 510	Township of Morris	Washington Street	Burnham Parkway, Washington-Mendham Road E. (Old Rt. 24)	0.33
Normandy Parkway	N/A	Township of Morris	Madison Avenue	Columbia Road, Normandy Heights Road	0.63
Columbia Road	CR 510	Township of Morris	Morris Avenue	Columbia Turnpike, Wyndmoor Drive	1.00

Road Name	County/NJ/US Route	Municipality	Start Point	End Point	Length (Miles)
N/A	US 46	Township of Mount Olive	N/A	N/A	9.42
Flanders Road	CR 667	Township of Mount Olive	Mount Olive Road	Drakesdale Road, Flanders Netcong Road	1.67
Flanders Netcong Road	CR 613	Township of Mount Olive	Drakesdale Road, Flanders Road	Main Street, U.S. Route 206	1.13
Sand Shore Road	N/A	Township of Mount Olive	Netcong Road	Woods Edge Avenue	0.78
U.S. Route 206	US 206	Township of Mount Olive	Gold Mine Road, Lackawanna Place	Flanders Netcong Road, Main Street	2.40
Hillside Avenue	CR 619	Township of Mount Olive	Eyland Avenue	North Road, Park Place	0.68
N/A	US 206	Township of Mount Olive	Flanders Netcong Road, Main Street, U.S. Route 206	Lackawanna Place	1.12
Netcong Road	N/A	Township of Mount Olive	N/A	Sand Shore Road	0.66
Bartley - Long Valley Road	CR 625	Township of Mount Olive	N/A	Bartley Road	0.27
North Road	CR 619	Township of Mount Olive	Main Street	Hillside Avenue, Park Place	0.27
N/A	US 46	Township of Parsippany-Troy Hills	N/A	N/A	5.87
Smith Road	N/A	Township of Parsippany-Troy Hills	N/A	N/A	0.54
Littleton Road	CR 630, US 202	Township of Parsippany-Troy Hills	N/A	N/A	5.83
Parsippany Boulevard	CR 511, US 202	Township of Parsippany-Troy Hills	N/A	N/A	1.80
Vail Road	N/A	Township of Parsippany-Troy Hills	N/A	N/A	2.85
Intervale Road	CR 511, US 202	Township of Parsippany-Troy Hills	Parsippany Boulevard	Fanny Road, Parsippany Boulevard	0.27
Jefferson Road	N/A	Township of Parsippany-Troy Hills	Smith Road	Parsippany Road	1.13
N/A	N/A	Township of Pequannock	N/A	Newark-Pompton Turnpike, Windbeam Road	0.69
Sussex Turnpike	CR 617	Township of Randolph	N/A	Mount Pleasant Road, Raynor Road, Sussex Avenue	6.07
West Hanover Avenue	CR 650	Township of Randolph	Brookside Road, Sussex Turnpike	N/A	3.30
Dover - Chester Road	CR 513	Township of Randolph	Quaker Church Road, Randolph Avenue	Guerin Drive	2.51

Road Name	County/NJ/US Route	Municipality	Start Point	End Point	Length (Miles)
Quaker Church Road	CR 513	Township of Randolph	Reservoir Avenue	Dover - Chester Road, Randolph Avenue	0.37
Reservoir Avenue	CR 513	Township of Randolph	Prospect Street, VanNostrand Avenue	Quaker Church Road	0.95
Dover - Chester Road	CR 513	Township of Randolph	Randolph Trails, South Road	Hugg Road, Ironia Mendham Road, North Road, Patriots' Path	0.64
Rt 10 West	NJ 10	Township of Randolph	Franklin Road, Rt 10 East	Rt 10 East, South Salem Street	0.71
N/A	NJ 15	Township of Rockaway	N/A	N/A	1.71
Green Pond Road	CR 513	Township of Rockaway	Hibernia Avenue	N/A	11.98
Bloomfield Avenue	US 46	Township of Rockaway	Woodland Avenue	N/A	0.90
NJ 15 North	NJ 15	Township of Rockaway	West Union Turnpike	Phillips Road	1.00
N/A	N/A	Township of Roxbury	N/A	N/A	0.44
N/A	N/A	Township of Roxbury	N/A	N/A	0.99
Lackawanna Place	NJ 183, US 206	Township of Roxbury	Gold Mine Road, U.S. Route 206	N/A	1.31
Ledgewood Road	CR 631, US 46	Township of Roxbury	N/A	N/A	0.45
Hillside Avenue	CR 619	Township of Roxbury	Eyland Avenue, Nyma Way	North Hillside Avenue, Route 10 East, Route 10 West	2.67
Route 10 East	NJ 10	Township of Roxbury	N/A	Eyland Avenue	1.44
Ledgewood Road	US 46	Township of Roxbury	N/A	Barone Street, Ledgewood Avenue	0.74
Route 10 West	NJ 10	Township of Roxbury	Eyland Avenue	Main Street, Route 10 East	1.31
Mount Arlington Road	N/A	Township of Roxbury	Mount Arlinton Road	Howard Boulevard	0.56
W. Blackwell Street	US 46	Township of Roxbury	Main Street	Jones Street	0.51
Schooleys Mountain Road (Old Rt. 24)	CR 517	Township of Washington	Newburg Road, Old Route 24	Fairmount Road, Old Route 24, W. Mill Road	4.01
Bartley Road	CR 625	Township of Washington	Old Route 24	Patriots' Path	1.99
Fairmount Road	CR 517	Township of Washington	Old Route 24, Schooleys Mountain Road (Old Rt. 24), W. Mill Road	Beacon Light Road, Old Turnpike Road	3.58
Pleasant Grove Road	N/A	Township of Washington	Penwell Road	Schooleys Mountain Road (Old Rt. 24)	3.73
Bartley Road	CR 625	Township of Washington	N/A	Bartley - Long Valley Road	1.27

Road Name	County/NJ/US Route	Municipality	Start Point	End Point	Length (Miles)
W. Mill Road	CR 513	Township of Washington	Fairmount Road, Old Route 24, Schooleys Mountain Road (Old Rt. 24)	Califon-Chester Road	3.93
Old Route 24	CR 513	Township of Washington	Fairmount Road, Schooleys Mountain Road (Old Rt. 24), W. Mill Road	Old Route 24 (Washington Turnpike)	3.18
Old Route 24	CR 517	Township of Washington	N/A	Newburg Road, Schooleys Mountain Road (Old Rt. 24)	1.01

Figure 17: Morris County Regional Network

