

APPENDIX E

TRANSPORTATION FUNDING OPPORTUNITIES

FUNDING PROGRAMS FOR TRANSPORTATION IMPROVEMENT

The following is a list of programs available to municipalities and counties seeking additional funds and technical assistance in order to implement transportation improvements that connect to smart growth land use principles. The list includes funding from Federal, State, Local and non-profit resources:

- **Bicycle/Pedestrian Planning Assistance** - NJDOT program which provides municipalities with consultant expertise in the professional disciplines of transportation and pedestrian/bicycle planning in order to develop comprehensive local circulation elements.

Contact info: Webpage: <http://www.state.nj.us/transportation>

- **Bikeways Program**- The Bikeways program awards grants to municipalities to help increase the number of bicycle trips and improve bicycle safety in the state of New Jersey. NJDOT provides funds for local projects that will result in the creation of new, independent bicycle facilities. NJDOT encourages municipalities to apply for funding for bikeways that are physically separated from vehicular traffic by an open space or barrier. All municipalities and counties are eligible to apply for Bikeway funds. Bikeways program funding is provided by the state's Transportation Trust Fund.

Contact info: Webpage: <http://www.state.nj.us/transportation>

- **Comprehensive Traffic Safety Programs**-Grants are available to police departments to initiate a comprehensive traffic safety program. Under the guidance of a steering committee or task force at the county level, CTSP funds can be utilized to address a variety of traffic safety issues including impaired driving, pedestrian safety, bicycle safety, school bus safety, work zone safety, aggressive driving, speed enforcement, occupant protection, and child passenger safety.

Contact info: Phone: 609-633-9028

- **County Aid Program** - NJDOT County Aid funds are appropriated by the Legislature annually for the improvement of public roads and bridges under county jurisdiction. These funds are allocated to New Jersey's 21 counties by a formula that takes into account road mileage and population. This program is administered by the NJDOT Division of Local Aid and Economic Development.

Contact info: Webpage: <http://www.state.nj.us/transportation>

- **Discretionary Aid Program** - The Discretionary Aid Program provides funding to address emergency or regional needs throughout the state. Any county or municipality may apply at any time. This program is administered by the NJDOT Division of Local Aid and Economic Development.

Contact info: Webpage: <http://www.state.nj.us/transportation>

- **Hazard Elimination Program**-Safety project implementation for states, counties and municipalities can be funded under the Federal Highway Administration's Surface Transportation Program (STP) monies. Ten percent of the STP program is used to finance safety-related projects, which can include projects that directly or indirectly enhance pedestrian safety.

Contact info: Webpage: <http://www.dot.ca.gov/hq/LocalPrograms/hesp/hesp.htm>

• **Job Access and Reverse Commute Grants** - The JARC program consists of two components, Job Access and Reverse Commute. The Access to Jobs Program provides competitive grants to local governments and non-profit organizations to develop transportation services to connect welfare recipients and low-income persons to employment and support services. Reverse Commute projects provide transportation services to suburban employment centers from urban, rural and other suburban locations for all populations.

Contact Info: Webpage: http://www.fta.dot.gov/about/contact_us.html

• **Local Aid for Centers of Place** - This funding is a NJDOT program designed to assist municipalities who have formally participated in implementation of the New Jersey State Development and Redevelopment Plan (SDRP). Participation of municipalities in the SDRP ensures eligibility to compete for funds in the program. This program is administered by the NJDOT Division of Local Aid and Economic Development.

Contact info: Webpage <http://www.state.nj.us/transportation>

• **Locally Initiated Bicycle Projects** - This program provides funds for municipalities and counties for the construction of bicycle projects. This program is administered by the NJDOT Division of Local Aid and Economic Development

Contact Info: : Phone: (973) 770-5070/5068- Webpage <http://www.state.nj.us/transportation>

• **Locally Initiated Pedestrian Projects** - This program provides funds for municipalities and counties for the construction of pedestrian access and safety improvements. The program is administered by NJDOT's Division of Local Government Services.

Contact Info: Phone: (973) 378-3137- Webpage: <http://www.state.nj.us/transportation>

• **Local Transportation Planning Assistance Program (LTPA)** - The LTPA program provides municipalities with consultant expertise in the professional disciplines of transportation and land use planning to develop local circulation elements, access management plans, local traffic calming studies, and other transportation related planning initiatives. This Program is administered by the Division of Transportation Systems Planning and Research, Bureau of Systems Development and Analysis (BSDA).

Contact Info: Phone: (609) 530-2856

• **Municipal Aid Program** - Municipal Aid funds are appropriated by the Legislature annually for the improvement of public roads and bridges under municipal jurisdiction. This program is administered by the NJDOT Division of Local Aid and Economic Development.

Contact info: (973) 378-3137- Webpage: <http://www.state.nj.us/transportation>

• **National Highway System (NHS)**-Monies through this program can be used by a state, county or municipality for bicycle and pedestrian projects which are on land directly adjacent to any road of the 155,000 mile national highway or interstate system. These improvements include incidental improvements within larger projects including elements to improve bicycle compatibility (i.e. paved shoulders, drainage grating, signed routes) and pedestrian facilities (sidewalks, signals, crosswalks).It also allows for the funding of independent bicycle and pedestrian projects when projects are along or within the right of way of an NHS roadway. The NJDOT is the administrator.

Contact info: (973) 378-3137- Webpage: <http://www.state.nj.us/transportation>

• **NJ Transit Capital Programs** - A municipality seeking capital improvements to NJ TRANSIT bus and rail transit infrastructure may write a letter to the agency describing the problem area. NJ TRANSIT will assess the problem area and will evaluate possible capital improvements intended to address it.

Contact info: Phone: (973) 491-7750 – Web: www.njtransit.com

• **NJ Transit Community Shuttle Program** - NJ Transit's Community Shuttle Program offers a community the opportunity to provide its residents with shuttle service to and from a rail station, major bus corridor or a light rail station, during "peak" periods (6-9 a.m. and 4-7 p.m.)

Contact info: Phone: (973) 491-7750 – Web: www.njtransit.com

• **NJ Transit Local and Community Transportation Programs** - The NJ TRANSIT Service Planning and Development area administers various federal grant programs and passes funding to sub-recipients, including counties, municipalities and private non-profit agencies.

Contact info: Phone: (973) 491-7750 – Web: www.njtransit.com

• **Pedestrian Safety Initiative** - NJDOT created a five year fund to provide for pedestrian safety projects and improvements. Funds will be used for traffic calming, and sidewalk and intersection improvements. It will also fund programs to raise pedestrian and driver awareness.

Contact info: (973) 378-3137- Webpage: <http://www.state.nj.us/transportation>

• **Safe Routes to School** - Safe Routes to School is a new federal-aid program. Its purposes are to enable and encourage children, including those with disabilities, to walk and bicycle to school. In New Jersey, the program is coordinated by the Division of Local Aid and Economic Development.

Contact info: (973) 378-3137- Webpage: <http://www.state.nj.us/transportation>

• **Safe Streets to School** - This funding is available for communities seeking to improve the safety of children walking to school, and encourage more children to walk to school. This program is administered by the NJDOT Division of Local Aid and Economic Development.

Contact info: (973) 378-3137- Webpage: <http://www.state.nj.us/transportation>

• **Smart Commute Initiative** - This program, designed to encourage state residents to consider homeownership options near public transportation, is supported by the New Jersey Association of Realtors and a range of local and national lending institutions.

Contact info: Phone: (732) 494-5616 – Webpage: <http://www.njar.com>

• **Smart Growth Planning Grants**- New Jersey Department of Community Affairs administers \$3 million annually in Smart Growth Grants through the state budget to develop plans that lead to more livable and sustainable communities. Smart Growth means planning, designing, and building livable communities in ways that make more efficient use of land and infrastructure improvements and protect the environment and valuable natural resources

Contact info: Phone: (609) 292-7156- Webpage: <http://www.state.nj.us>

• **State and Community Highway Safety Grants** - State and Community Highway Safety grants are apportioned to the States through the National Highway and Traffic Safety Administration to pay for the non-construction costs of highway safety programs aimed at the reduction of injuries, deaths, and property damage from motor vehicle accidents.

Contact info: phone: 1-888-327-4236 – Web: <http://www.nhtsa.dot.gov>

• **Surface Transportation Program (STP)** - Bicycle and pedestrian projects for a state, county or municipality are eligible to be funded by STP as Transportation Enhancements (see below) or with general STP program funds. Examples of projects can include both bicycle and pedestrian facilities but also can include projects regarding the improvement of bicycle and pedestrian ways for compliancy with the Americans with Disabilities Act.

Contact info: Webpage: <http://www.fhwa.dot.gov>

• **Transit Village Initiative** - This program provides funds for municipalities and counties for the construction of pedestrian access and safety improvements. The program is administered by NJDOT's Division of Local Government Services.

Contact info: (973) 378-3137- Webpage: <http://www.state.nj.us/transportation>

• **Transportation, Community, and System Preservation (TCSP) Program** - States, metropolitan planning organizations, local governments, and tribal governments are eligible for discretionary grants to carry out eligible projects to integrate transportation, community, and system preservation plans.

Contact Info: Webpage: <http://www.fhwa.dot.gov>

• **Transportation Enhancements** - The Transportation Enhancements program funds community-based projects that expand travel choices and enhance the transportation experience by improving the cultural, historic, aesthetic and environmental aspects of the transportation infrastructure. This program is administered by the NJDOT Division of Local Aid and Economic Development.

Contact info: (973) 378-3137- Webpage: <http://www.state.nj.us/transportation>

• **Transportation Improvement Program** - Each of New Jersey's three MPOs is responsible for preparing a Transportation Improvement Program (TIP), a list of all transportation projects and programs of the New Jersey Department of Transportation

Contact info: (973) 378-3137- Webpage: <http://www.state.nj.us/transportation>

APPENDIX F

Proposed County Bicycle Routes

BICYCLE ROUTE DESCRIPTIONS

The following route descriptions correspond to the detailed maps and use the same number identification. The numbers used in no way reflect a prioritization but merely distinguish route for discussion purposes. Each route was traveled by automobile for purposes of evaluation. This method aided in presenting the selected routes. A detailed project description will have to be prepared to advance a particular project beyond the planning phase.

It should be noted that the described route lengths are one-way miles, that the right-of-ways (R.O.W.) are what is prescribed based on the functional classification, and that the AADTs are from the year 2000 traffic counts. Wherever possible, special consideration was given to providing a loop route thereby allowing perspective riders a means to not backtrack to reach their origination point. Equally important was discovering routes that connect *Activity Centers* such as towns, boroughs, or hamlets. The *Activity Center* concept was described in detail in the County Road Bicycle Facility Assessment, 1997.

Route 1

Delaware Township
Kingwood Township

This consists of CR 519 between State Route 12 and the area just north of the Borough of Stockton, a designated Activity Center on State Route 29. It is 10.65 miles in length and roughly parallels SR 29. This is a scenic route that traverses through Delaware and Kingwood Townships. The AADT is between 1,659 and 3,309 depending on the segment under consideration.

Route 2

Town of Clinton
Franklin Township
Raritan Township
Readington Township
Clinton Township

This is a semi-circular route connecting the Town of Clinton to the Borough of Lebanon. The route is 20.67 miles in length and is comprised of five county roads:

- | | | |
|----------|------------|----------------------|
| • CR 513 | .98 miles | AADT = 12,946 |
| • CR 617 | 6.84 miles | AADT = 3,073 – 4,521 |
| • CR 612 | 1.96 miles | AADT = 4,723 |
| • CR 523 | 3.02 miles | AADT = 9,016 |
| • CR 629 | 7.87 miles | AADT = 1,907 – 2,337 |

This route or portions thereof has the potential for high ridership as it connects several neighborhoods along its length. Using SR 31 as the County's north/south axis this route connects the western portion of the county to the Spruce Run Reservoir. Some portions of this route exhibit steep grades, but this should not be a deterrent to future investigation, especially when considering the recreational benefits and relatively low AADTs. The potential for a major recreation benefit exists with a connection to the Landsdown Trail under direction of the county park system.

Route 3

Readington Township

Raritan Township

Flemington Borough

This route repeats a segment of CR 523 contained in Route 2. That segment is CR 523 from its connection with CR 612 to its intersection with CR 629. The most concise way to describe Route 3 is to follow CR 523 (including Walter Foran Boulevard) from the Flemington Borough boundary to White House Station in Readington Township. The total length is 9.72 miles and the AADT is relatively high ranging from 5,130 to 14,475. This route serves as a major collector taking traffic from the Borough of Flemington and Readington Township to US 22 and onto I-78 at interchange 24. In order to be consistent with the NJDOT guidelines, bicycle lanes or shoulders along sections of CR 523 would be six foot wide.

Route 4

Holland Township

Alexandria Township

This 5.32 mile route connects CR 519 to CR 579 via CR 614. Along this section, CR 614 carries between 2,250 and 2,862 vehicles daily. Although not designated as Activity Centers, this route would connect Spring Mills in Holland Township near the Holland Township school to Little York, it then continues east to the intersection with CR 579.

Route 5

Raritan Township

This route connects the Borough of Flemington to CR 613. The Township of Raritan and the Hunterdon County have extensive land holdings near this intersection that may develop as parkland. The length of this route is 2.64 miles and the AADT is 8,051 to 11,451. This route was the beneficiary of a NJDOT discretionary grant in FY 1999 and will be constructed.

Route 6

West Amwell township

This route traverses West Amwell Township along CR 518 from the City of Lambertville to the Mercer County border. It is 4.04 miles in length and carries between 4,441 and 5,515 vehicles daily. The section of CR 518 within Lambertville is rather steep and will require critical evaluation prior to advancing this route to design.

Route 7

Delaware Township

Raritan Township

Franklin Township

This route, like Route 2, is made up of several county roads. A portion of the route is a loop with the remaining stretch containing the southern portion of CR 523 through Delaware Township ending at the Borough of Stockton. The total length of the Route 7 is 23.75 miles and is comprised of:

- CR 523 11.04 miles AADT = 3,041 – 7,221
- CR 579 6.68 miles AADT = 2,987 – 3,106
- CR 612 1.96 miles AADT = 6,315
- CR 616 2.08 miles AADT = 2,348 – 2,481
- CR 617 1.99 miles AADT = 4,521

The loop portion connects the Borough of Flemington to the outlying areas where population densities decrease. A major component of the large route is the connection of the Borough and immediately surrounding areas to Lenape Park. Making this connection as a first phase of any project involving this route would benefit a significant portion of the County. The portion along CR 579 and southern CR 523 provides a scenic connection to farmland and the Delaware River.

Route 8

Delaware township

Raritan Township

East Amwell

Whereas Route 7 includes CR 579 north of Route 523, Route 8 contains the southern leg. This 4.50 mile route links CR 523 to the *Activity Center* of Ringoes. Route 8 terminates at the intersection of CR 579 and State Route 179. The AADT is between 2,939 and 3,985. This is a particularly scenic route travelling past two large tracts of preserved farmland. Crossing over SR 179 and continuing on CR 602 will lead to a municipal park and the East Amwell Municipal building and the south county library.

Route 9

Califon Borough

Tewksbury Township

Shifting to the northeast part of the county, Route 9 traverses the northern part of Tewksbury Township following CR 512. This route connects the Borough of Califon to Pottersville near the Somerset County border. It is 7.59 miles in length and exhibits a wide range of AADTs ranging from 2,275 to 6,399. The route passes by a farmland conservation area and three different tracts of municipal park and open space.

Route 10

Glen Gardner Borough
Lebanon Township
Califon Borough
High Bridge Borough

This route comprises a central segment along CR 513 from the Morris County border, past the Borough of Califon, Voorhees State Park, and Voorhees High School into the central business district of High Bridge Borough. A spur connects CR 628 from the Borough of Glenn Gardner to CR 513 just north of Voorhees State Park.

The total length of the route is 13.10 miles broken down as:

- CR 513 8.38 miles AADT = 3,609 – 6,235
- CR 628 4.72 miles AADT = 1,864 – 2,131

Route 11

Frenchtown Borough
Alexandria Borough
Union Township
Franklin Township
Town of Clinton

The southern extension of CR 513 is Route 11. The 11.63 mile route connects the Town of Clinton to the Borough of Frenchtown. This is a scenic route travelling past preserved farms, farmland conservation areas, the Alexandria Middle School and Lester D. Wislon school, private open space and the park-and-ride lot at the Hunterdon Developmental Center. The route is 11.63 miles and carries between 2,930 and 12,946 vehicles per day. The large number of vehicles travelling onto CR 513 from CR 617 accounts for the extreme difference in AADTs.

Route 12

Clinton Township

This 2.57 mile route connects the Town of Clinton to State Route 31 at Allerton Road. Although this route is comparatively short, it is anticipated that it would attract a large number of users from the single family and attached housing along the majority of the route. The Clinton Township Bicycle Committee, a sanctioned advisory body to the Township Council, has identified the connection of CR 623 at Lilac Drive, a municipal road, as a key linkage in their bicycle plan. Route 12 carries a constant 3,366 to 3,668 vehicles per day along its entire length.

Route 13

Milford Borough
Holland Township
Alexandria Township

This lucky loop is comprised of three county routes connecting the Schick Preserve, a 200+/- acre preserved farm currently owned by Holland Township, non-profit conservation lands totaling 218+/- acres, and the Borough of Milford. Route length is 9.03 miles as is comprised of:

- CR 519 4.95 miles AADT = 1,490 – 5,889
- CR 614 2.34 miles AADT = 2,250 – 3,639
- CR 631 1.74 miles AADT = 822 – 2,113

Route 14

East Amwell Township

Raritan Township

Readington Township

This 17.39 mile route contains a loop and two spurs. The loop is comprised of CR 514, CR 602, CR 609, and about one mile of State Route 179. The spurs are the continuation of CR 514 from Reaville to Clover Hill, and CR 613 connecting Reaville to Three Bridges. The entire route is broken down as:

- CR 514 5.73 miles AADT = 2,255 – 3,387
- CR 602 4.18 miles AADT = 1,722 – 2,378
- CR 609 2.32 miles AADT = 1,826
- SR 179 1.05 miles AADT unknown

The loop portion is particularly scenic, as it passes by no less than twelve parcels under, or soon to be under, farmland preservation in addition to the East Amwell Township School. Wertsville Road (CR 602) is a popular route for recreational cyclists as it crosses into Somerset County. The continuation of CR 602 to the county border should be included in the final element

Route 15

Milford Borough

Frenchtown Borough

Alexandria Township

Holland Township

Connecting the Borough of Milford to the Borough of Frenchtown via CR 619 was a logical step and comprises Route 15. This scenic 2.74 mile trip carries 6,832 vehicles per day making the provision of a safe facility a challenge, but worth the effort.

Route 16

Readington Township

Readington Road (CR 620) comprises Route 16. The 4.85 miles carries 3,387 vehicles per day and connects CR 523 to the Somerset county border eventually terminating at US 202. The road functions as a minor collector for the single family homes lining the roadway connecting to the Readington Middle school.

Route 17

Hampton Borough

Lebanon Township

The 3.48 miles of CR 645 makes up Route 17. The nomination of this route came from the County Parks Department. The route connects the Borough of Hampton following along the Musconetcong River. The county jurisdiction ends at Musconetcong River Road before entering the Musconetcong River Preservation – Point Mountain Section. The opportunity to plan a loop route connecting various Warren County roads to Route 17 should be explored.

Route 18

Kingwood Township
Alexandria Township
Holland Township

Although a stand alone route, Route 18 is a half of a loop when considering its connection to State Route 12 (a state sponsored project) and Route 15 (CR 619). A secondary loop can be achieved by using a portion of Route 18 and connecting it again to SR 12, then to Route 11 (CR 513). Route 18 is 11.60 miles in length and is comprised of:

- CR 519 8.53 miles AADT = 1,490 – 2,532
- CR 610 .53 AADT = 5,765
- SR 12 2.54 AADT unknown

This is a particularly scenic route passing by large lots mostly in agricultural use and connecting to the Borough of Milford

Route 19

Franklin Township
Raritan Township
Kingwood Township

A small but scenic loop comprises Route 19. Using a portion of the anticipated SR 12 state bikeway project, Route 19 uses CR 579 and CR 615 to make up a 12.08 mile loop. The loop passes through Quakertown and the Franklin township school. Farmland and large lot residential land uses characterize this route.

- CR 579 5.45 miles AADT = 3,106 – 4,830
- CR 615 5.24 miles AADT = 1,803 – 2,405
- SR 12 1.39 miles AADT unknown

The CR 579 portion is also included in Route 7 connecting to CR 523 south of SR 12.

Route 20

East Amwell
West Amwell
Delaware Township

This 13.83 mile semi-circle is comprised of five county routes. It connects Ringoes to Sergeantsville via CR 604, then onto CR 523 before returning east on CR 605 and CR 601 through Dilts Corner and Mount Airy. It connects with CR 518 at the Mercer County border.

- CR 579 .92 miles AADT = 3,985
- CR 604 4.31 miles AADT = 1,420 – 1,843
- CR 523 1.55 miles AADT = 3,041
- CR 605 3.55 miles AADT = 432 – 903
- CR 601 3.50 miles AADT = 1,018

Route 20 travels past South Hunterdon Regional High School, near the West Amwell municipal building on Mt. Airy Village Road, the Delaware Township Municipal building, and the Delaware Township Elementary School.

Route 21

Bethlehem Township

Bloomsbury Borough

This route is comprised in part of State Route 173 with the remainder being CR 643. The entire 4.98 mile route is nearly split down the middle over the two route:

- CR 643 2.57 miles AADT = 1,409
- SR 173 2.41 miles AADT unknown

The relatively low traffic volume suggests that major road improvement will not be necessary for the County portion. Coordination with the NJDOT will be essential to complete the linkage into the Borough of Bloomsbury.