TOWNSHIP OF MAPLEWOOD MASTER PLAN

OPEN SPACE AND RECREATION PLAN ELEMENT

September 2008

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Township of Maplewood
County of Essex
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Compiled by
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a nonprofit land trust
with the
Township of Maplewood
Open Space Trust Fund Advisory Committee

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1. EXECUTIVE SUMMARY

The Township of Maplewood is a charming, historic community with architecturally diverse neighborhoods, richly treed streets, and magnificent historic buildings. One of Maplewood's other notable assets includes its parks and recreation facilities. Today's residents benefit from the foresight of the Township and Essex County to years ago set aside land for open space and recreation. Municipal parks in Maplewood include Memorial Park, which was established as a community focal point, and other parks scattered throughout the community. Recreation facilities are located in the various parks municipal parks, and there are other facilities within the Township's boundaries. Notably, a large section of South Mountain Reservation, an Essex County park, also is located in Maplewood. The reservation offers numerous outdoor recreational activities including hiking, bicycling and cross country skiing. Maplewood also provides a wide array of recreational programs for its residents. However, the number of participants has increased over the years, while the number of fields and facilities has remained constant. Fields suffer from overuse and it is difficult to schedule adequate practice time for all the participants. The Township is also lacking in the amount of open space provided for its residents.

To help address Maplewood's recreation needs and open space concerns, Township residents overwhelmingly approved the establishment of an Open Space Trust Fund in 2005. The Open Space Trust Fund Advisory Committee, established in February 2006, developed this plan to help guide its stewardship of the Township's open space resources and funds. Ongoing maintenance of the existing natural, recreational, and historic resources are primary concerns of the Open Space Trust Fund Advisory Committee, as are potential acquisition or use of additional lands for active recreation. A focus of the Township is to be a walkable and bikable community, both for the health and well-being of its residents and to continue to be at the forefront of environmentally conscious communities. While historic preservation is a component of open space preservation in the context of Green Acres, historic preservation matters are addressed directly in the *Historic Preservation Plan Element* of this Master Plan.

This *Open Space and Recreation Element* recommends taking steps to steward the Township's existing open space and natural resources, including recreational facilities, streetscapes and parkscapes, and explores alternatives for increasing open space in the Township. Additionally, this element recommends creating greenways and pedestrian and bicycle routes to open space and other destinations in the Township, both to provide alternative modes of transportation and to increase the opportunities for residents to enjoy and appreciate what their Township has to offer. Specific recommendations focus on enhancement and expansion of existing facilities such as DeHart Park; recognition of unofficial open space such as the Brook Lane Greenway; protection of underutilized natural resources such as the East Branch of the Rahway River; implementation of the existing Bicycle Facility Plan; and creation of other multiuse and pedestrian trails and urban pathways. One of the first recommendations after adoption of this Master Plan element by the Maplewood Planning Board is to submit the *Open Space and*

Recreation Element to the New Jersey Department of Environmental Protection's (NJDEP's) Green Acres Program for land preservation funding.

2. GOALS AND POLICIES

This *Open Space and Recreation Element*, which was created in strict adherence to the Green Acres Program Open Space and Recreation Plan Guidelines, helps guide the Township of Maplewood's open space preservation program and recreation facilities programming through general goals and policies as well as specific recommendations. The overall objective of this element is to determine which areas should be retained and/or acquired by the Township of Maplewood as open space. A balanced approach to conservation and development will provide residents with places "to play," as well as places to live, shop and conduct business. As with any municipal resource, land preservation and recreation must be anticipated and planned for.

Based upon public input and existing municipal plans, the Open Space Trust Fund Advisory Committee developed the following goals and policies for open space and recreation in the Township. These goals are designed to guide and support the recommendations found within this element. The goals and policies are to:

- Preserve open spaces to maintain community character, quality of life, natural and cultural resources
- Provide for a variety of recreational opportunities in all areas of the Township
- Preserve unique and historically significant areas in the community
- Protect river and stream corridors, including the Rahway River
- Plan for greenways and other trails/pathways linking parks, schools, neighborhoods and the shopping districts in the Township
- Expand existing parks in the Township
- Identify properties with potential for open space or recreation use which best serve the Township's overall needs
- Preserve the forested woodlots and treed streetscapes, a unique characteristic of Maplewood's roads and residential neighborhoods
- Steward and protect existing natural areas, including South Mountain Reservation and municipal parks
- Establish an interconnected system of bicycle and walking paths throughout the Township and into neighboring communities

These goals and policies are advanced by the other elements of the *Master Plan*, and will continue to be implemented through Township Committee actions. Implementation also will be guided by the Township's Open Space Trust Fund Advisory Committee. Maplewood Ordinance #2332-06, which established the Maplewood Open Space Trust Fund Advisory Committee, set the following purposes for the use of the Open Space Trust Fund:

- Acquisition of lands for recreation and conservation purposes;
- Development of lands already utilized or acquired for recreation and conservation purposes;

- Maintenance of lands already utilized or acquired for recreation and conservation purposes; and
- Historic preservation of historic properties, structures, facilities, sites, areas, or objects and the acquisition of such properties, structures, facilities, sites, areas or objects for historic preservation purposes.

Other means of implementing the above goals and policies are detailed elsewhere in this element.

3. INVENTORY

A. Existing Public and Private Open Space

Overview

This section is an inventory of the open space lands in the Township of Maplewood as depicted on the Open Space Map, which is included in Section 7.

The Open Space Map was developed with the ESRI's ArcView 9 software. It combines tax data from the Township's tax assessor and a base map provided by the Township. Data from the NJDEP's Green Acres program were used to identify preserved land in the Township.

The acreages within this section are from the Parcel Data Tables in the Appendix. The parcel data tables are sourced directly from the tax data noted above. Please note that vacant lands and outdoor recreation sites are included; however, these lands may have structures or other improvements on them.

Public Land

State Land

New Jersey Department of Transportation – Class 15C and 15F

New Jersey Transit owns 11 acres of land in Maplewood.

County Land

County of Essex (preserved) – Class 15C and 15F

Approximately 470 acres of the South Mountain Reservation, Essex County's largest park, are located within Maplewood's municipal boundaries.

Municipal Land

Township of Maplewood (preserved) – Class 15C and 15F

The Township's *Recreation and Open Space Inventory* (ROSI) on file with NJDEP's Green Acres Program, lists 55 acres of preserved land owned by Maplewood Township. The largest municipal park in the Township is Memorial Park, which is located on Valley Street between Oakland Road and Baker Street. It is 23.4 acres in area and includes a baseball field, a playground, three lit tennis courts, two basketball courts, two softball fields and three additional small fields for tee-ball.

There are six other Township owned parks, which are situated within residential neighborhoods: Maplecrest Park located on Tuscan Road (15.1 acres), R.G. Walter Park at the corner of Oakland Road and Valley Street (1 acre), DeHart Park off Burnett Avenue (7.3 acres), the Milo S. Borden Playground on Boyden Avenue (4.1 acres), Grasmere Park on Ridgewood Road (1.8 acres) and Orchard Park on DeHart Road (2.5 acres). Most parks provide multi-purpose fields,

tennis courts and playgrounds. In addition, DeHart Park also provides an outdoor street hockey rink, and Walter Park has a bocce court.

Township of South Orange Village – Class 15C and 15F

South Orange Township owns the 8.1 acres of Old Waterlands Park, also known as Chyzowych Field. It is situated on the northern border of the Township on the East Branch Rahway River where Maplewood Township meets South Orange Township. It has been actively included in the plans of both Maplewood and South Orange and was formerly leased from South Orange by Maplewood Township. It is listed on South Orange's *Recreation and Open Space Inventory* on file with Green Acres. (Maplewood *Master Plan* 2004, *South Orange Smart Growth Plan* 2007)

Township of Maplewood (not preserved) – Class 15C and 15F

The Township of Maplewood owns 30 acres of land that does not fall under the ROSI designation. The most notable property is the Maplewood Community Pool (8.0 acres).

Other Publicly Owned Land

The School District of South Orange & Maplewood – Class 15A

The School District owns 51 acres in Maplewood, providing the land for six schools and two athletic fields: Clinton Elementary School, Columbia High School and the adjacent Ritzer Field, Jefferson Elementary School, Maplewood Middle School, Seth Boyden Elementary School, Tuscan Elementary School and Underhill Field.

Private Land

Vacant Land – Land with No Structural Improvements – Class 1

There are 11 acres of vacant land in Maplewood, the majority of which is comprised of lots less than 0.5 acres in area.

Church and Charitable Land – Class 15D

At present 18 acres of land is owned by churches or charitable causes, the most notable of which are St Joseph's Roman Catholic Church on Prospect Avenue (2.3 acres) and the Immaculate Heart of Mary Roman Catholic Church on Parker Avenue (4.2 acres). A subdivision is proposed of the St. Joseph's Church property, which would slightly reduce its area.

Other Tax Exempt Land – Class 15F

There is a total of 16 acres of other tax exempt land.

Residential Land greater than 0.5 acres – Class 2

Residential properties greater than 0.5 acres in area are depicted on the Open Space Map since they have the potential to be subdivided and therefore present an opportunity for open space preservation. The 0.5-acre minimum was deemed suitable according to the zoning regulations currently in place. There are 86 residential properties of more than 0.5 acres, totaling 58 acres. Only three properties are larger than one acre.

Commercial and Industrial Land greater than 0.5 acres – Class 4A and 4B

Commercial properties larger than 0.5 acres are depicted on the Open Space Map since they have the potential to be subdivided and therefore present an opportunity for open space preservation. The 0.5-acre minimum was deemed suitable according to the zoning regulations currently in place. Of the 193 acres of commercial and industrial land greater than 0.5 acres in area, there are two particularly notable properties: Maplewood Country Club on Baker Street (82.4 acres), and the historic Marcus Ward Homestead, now Winchester Gardens (35.9 acres). The 4.4-acre parcel owned by the Lehrhoff Urban Renewal Corporation on Camptown Road on the southern edge of the Township is administered as part of Irvington Township.

Summary of Currently Preserved Land in Maplewood Township

Maplewood Township encompasses a total of 2,464 acres. Of this total, 533 acres, or nearly 22 percent, are currently preserved through the following methods:

County Land	470 acres
Township Land (Maplewood)	55 acres
Township Land (South Orange)	8 acres
Total Preserved Land	***533 acres***

B. Recreation Resources

Maplewood is fortunate to possess an open space network that, while modest in size, is of high quality and offers a variety of recreational activities. The Township has three large municipal parks and several smaller parks and playgrounds. Separately it is noted that 470 acres of the county owned South Mountain Reservation are included within the municipal boundary but are not included as part of the municipal recreation inventory.

Below is a listing of existing facilities:

Parks and Recreational Facilities in Maplewood			
Name	**Size (acres)**	**Location**	**Facilities**
South Mountain Reservation	2,047 (470 acres in Maplewood)	South Orange Avenue	19 miles of hiking trails 10 picnic areas 27 miles of carriage roads South Mountain Arena (2 indoor ice rinks) Turtleback Zoo
Memorial Park	23.4	Valley Street	3 lit tennis courts 2 basketball courts 1 playground 1 regulation 90 ft. baseball field 2 60 ft. softball fields 3 smaller fields for tee-ball Ice skating in winter Amphitheater
Maplecrest Park	15	Oakland Road	3 tennis courts 3 60 ft. baseball/softball fields Playground equipment Volleyball court Shelter house with restrooms Skateboard park
DeHart Recreational Center	7	Burnett Avenue	2 lit combination (90 or 60 ft.) baseball/softball fields 1 60 ft. softball field 2 lit tennis courts Playground equipment Walking and jogging path with par course 2 shuffleboard courts Community building with meeting rooms, kitchen and restrooms
Milo S. Borden Playground	4	Boyden Avenue	1 tennis court Playground equipment Shelter house with restrooms Walking and jogging path
W. M. Orchard Playground	2	DeHart Road	Playground equipment Shelter house with restrooms 2 tennis courts 1 basketball half-court
Grasmere Park	1.8	Ridgewood Road	Historic house Herb and flower garden Walking paths, benches
Richard G. Walter Park	1	Valley Street	2 tennis courts Small playground Bocce court 2 lit paddle tennis courts
Maplewood Community Pool	8	Boyden Avenue	1 Olympic pool 1 training pool 1 wading pool 1 diving pool with 3 boards and a 3-tiered platform Volleyball court
1978 Maplewood Arts Center		Springfield Avenue	1 meeting room
Burgdorff Cultural Center		Durand Road	Community theater

South Orange Facilities in Maplewood			
Old Waterlands Park (Chyzowych Field)	8.1		Soccer field
South Orange-Maplewood Board of Education Facilities			
Underhill Field			Football field Track
Ritzer Field (at Columbia High School)			Multipurpose field used for physical education, marching band practice, soccer, lacrosse
Privately Owned Facilities			
Maplewood Country Club (private)	82.4		18 hole golf course 4 clay tennis courts 2 Har-Tru tennis courts Pool
Maplewood Club			4 Har-Tru tennis courts Clubhouse Landscaped grounds
South Mountain YMCA			Indoor recreation facilities

Sources: *Master Plan*, 2004; www.maplewoodcountryclub.com, ERI and Township Tour

Memorial, Maplecrest and DeHart Parks are located in residential areas and accessible primarily by foot. There is no direct vehicular access to South Mountain Reservation by car from Maplewood's residential neighborhoods, although there are unsigned pedestrian/bicycle access points available at Claremont Avenue and at Woodhill Road. The most convenient automobile access points to the Reservation for Maplewood residents are Crest Drive, which is located off South Orange Avenue in the northwestern portion of Maplewood, and Glen Avenue in Millburn. The South Orange-Maplewood School District uses several of the municipal athletic fields for practice and athletic events.

The Township of Maplewood provides fields and facilities for:

<u>High School teams:</u>

- girls' lacrosse - 2 teams
- boys' lacrosse - 2 teams
- boys' Frisbee - 2 teams
- girls' Frisbee - 1 team
- girls' softball - 3 teams
- girls' field hockey - 3 teams
- girls' soccer - 2 teams
- boys' tennis - 1 team

<u>Recreational and Club Teams:</u>

- recreation softball - 6 teams

- recreation baseball - 10 teams
- club lacrosse - 3 teams
- recreation field hockey - 2 teams
- club soccer - 16 teams
- junior football - 5 teams
- recreation tennis - 75 participants
- recreation summer camp - 175 participants
- youth golf - 15 participants
- YMCA summer camp - 100 participants
- Municipal pool - 7,800 members
- Swim team - 60 participants
- recreation Frisbee team - 30 participants
- Camp Lightning Brook Summer Camp – 45 participants

Additionally, adults play Ultimate Frisbee at Memorial Park or Maplecrest Park on Sunday mornings from 9-12, nine months of the year.

Private Recreational Facilities

Private recreation facilities include Maplewood Country Club, Maplewood Club and South Mountain YMCA. The South Mountain YMCA, established in 1970 and located between Jefferson Avenue and Parker Avenue West, offers indoor recreational facilities. The YMCA's programs include youth sports (in-line skating, in-line hockey, basketball, soccer, tennis, karate, preschool sports), gymnastics, enrichment programs, summer camps, and adult recreation.

Cultural Arts Program

A number of facilities in the Township host a variety of classes and events:

- Civic House, Memorial Park – arts and crafts
- Maplewood Community Center, DeHart Park – various classes and events
- Durand-Hedden House in Grasmere Park – historical and educational programs
- Burgdorff Cultural Center – performing arts, community theater, music for youth
- 1978 Maplewood Arts Center – art classes for children and adults, exhibitions, music
- Maplewood Library – various events
- Maplewood Women's Club – occasional concerts and other cultural events
- Underground concert series – various locales

C. Natural Resources

Hydrology

Five areas of freshwater wetlands have been identified in the Township. The areas of deciduous wooded wetland dotting South Mountain Reservation form the most extensive pockets. Other

pockets of deciduous wooded and managed wetlands have been identified in Memorial Park, near the Clinton Elementary School along the border with South Orange, in Maplecrest Park, and within the Winchester Gardens Continuing Care Community. (see Land Use Map; *Environmental Resource Inventory, 2006*)

Maplewood's surface waters are classified as FW2-NT, fresh waters that are not trout production or trout maintenance waters. According to the State's Surface Water Quality Standards at N.J.A.C. 1:9B, these waters should support primary and secondary contact recreation, among other uses; however, high levels of fecal coliform make them unsuitable for recreational use. In addition, point source and non-point source degradation renders them unsuitable for other FW2-NT class uses as well. (*Environmental Resource Inventory, 2006*) Interestingly, the U.S. Fish and Wildlife Service currently stocks a section of the West Branch of the Rahway River in the Millburn portion of South Mountain Reservation with trout each spring and is hoping to expand the program in 2008.

The United States Geological Survey (USGS) documents two major areas subject to periodic flooding: The first is the entire section of the East Branch of the Rahway River and Crooked Brook, one of its tributaries, with a flood hazard zone width ranging from 800 feet to under 200 feet. The second, narrower flood hazard area occurs along the boundary with Irvington, in the vicinity of Lightning Brook. Two other isolated flood hazard areas are a low-lying area along Boyden Avenue, south of Woodside Road, and an area along Parker Avenue, east of Boyden Avenue.

Flora and Fauna

According to the 2006 *Environmental Resource Inventory*, "Maplewood Township possesses a great deal of variety in its vegetation communities, in spite of the intensity of development." The Township falls within the Piedmont Physiographic Province, where the Mixed Oak Forest is the most common upland plant community. Such deciduous forests can be found in South Mountain Reservation plus in a few parcels in the portion of the Township east of the East Branch of the Rahway River.

Additionally, the north-facing slopes and ravines of the Watchung Mountains, such as within South Mountain Reservation, often contain Hemlock-Mixed Hardwood Forests.

Successional plant communities, which develop after an area has been disturbed by human activities or natural events, such as fires and floods, can be found throughout the Township, including within the floodplain of the East Branch of the Rahway River and within South Mountain Reservation. In wetland areas, these communities may include Piedmont Swamp/Floodplain species such as red maple, swamp white oak, spicebush, Virginia Creeper and Common Elder. The *Environmental Resource Inventory* contains more detailed inventories of the plant species normally associated with these habitats. The waters of the freshwater rivers and streams that flow through Maplewood are generally considered too warm to support trout

populations, nor is there evidence that eels, herring or shad migrate upstream from the more brackish and tidal sections of the Rahway River. However, several species of freshwater mussels have been documented for Essex County. (*Environmental Resource Inventory*, 2006) In addition, the tube worm is the predominant macroinverterbrate family found at the New Jersey Department of Environmental Protection (NJDEP) sampling site at Morris Avenue in Springfield, indicating impaired water quality in the Rahway River. (*NJDEP 1999 Benthic Macroinvertebrate Data*)

Land animals needing large home ranges are found in Maplewood within South Mountain Reservation. The Township's river corridors serve as connectors between habitat patches, increasing available habitat for certain species. The *Environmental Resource Inventory* provides a list of New Jersey mammals, including those likely to be found within the Township. In addition, numerous species of New Jersey birds, excluding most shorebirds, could be found within Maplewood's borders, either permanently or during migratory seasons. The reptile and amphibian communities also may be somewhat diverse, considering the wide variety of habitat types. The wood turtle is the only threatened species documented to occur within South Mountain Reservation, whether within Maplewood or other adjacent municipalities. However, several other threatened and endangered species do occur in Essex County, and given the diversity of plant communities within the Township, many such species might be found here, although no specific characterization had been done as of the publication of the *Environmental Resource Inventory* in 2006.

4. NEEDS ANALYSIS

The needs described in this section are derived from community input, from other elements of the Township's *Master Plan* and from interviews with Township committees and boards. Maplewood Township's officials are highly committed to stewardship of the community's environmental as well as historic and recreational resources. It is no accident that the Open Space Trust Fund Advisory Committee includes representatives from the Historic Preservation Commission, Recreation Advisory Committee and Environmental Advisory Committee. The goals of these organizations often overlap and can be addressed simultaneously through preservation, conservation and responsible use of open space. Partnerships between these groups, as well as partnerships with neighboring communities and private organizations are an excellent way of leveraging available funds and ensuring consensus on specific projects. An overview of the needs for Maplewood's natural, cultural and recreational resources is included within this section.

Neglect Threatens Township's Natural Features

The Historic Preservation Commission recognizes Maplewood as an intact example of an early twentieth century railroad suburb. Part of the charm the Commission seeks to preserve is thanks to the vision of the early Twentieth Century developers of parks and neighborhoods who included mighty oaks and maples in their park designs and streetscapes. But many of the Township's 80 to 100 year old "grandfather" trees are in decline. Large trees along the East Branch of the Rahway River were removed when the banks were rebuilt and have not been replaced. As one Maplewood resident puts it, "now there are just patches of low shrubs and a few short-lived dogwoods, ornamental pears and cherries." Additionally, trees are needed along pedestrian routes through town, as well as in parks, to provide shade and a pleasant ambience. The Township is developing a Climate Action Plan targeted to reduce its carbon footprint and planting more trees can be a factor in accomplishing this.

Invasive species also abound along the Rahway River and in South Mountain Reservation, encroaching on and crowding out native species. The lands bordering Chyzowych Field and the river are overgrown and unattractive. From Chyzowych Field to Memorial Park the river's pathway is also fairly neglected, bordering commercial sites, parking lots and the railroad line. From Memorial Park it flows through the Maplewood Country Club property. While the river is aesthetically attractive here, the Township is restricted from including this area in its annual river cleanup day and has not been allowed to monitor the water for effects from the Club's treatment to the golf course lands.

In general, the water quality in the East Branch of the Rahway River is substandard, making it unsuitable for recreational use. It has been characterized by the *Essex County Park, Recreation and Open Space Master Plan* as "an extremely stressed system that functions primarily as a

storm sewer" and "an underutilized recreational resource that has for the most part been neglected and ignored."

Alternative Modes of Transportation Needed to Relieve Parking/Traffic Concerns

The Township is somewhat densely populated for a suburb and parking is at a premium, particularly around Memorial Park and the Village Center. Township officials continue to investigate solutions that are alternatives to parking. While increasing parking is not an easy task, this is not the primary reason for seeking alternatives. Alternative modes of transportation, such as walking, bicycling and the commuter jitney service, serve the dual goals of reducing traffic congestion and helping the Township's commitment, as stated in its draft Climate Action Plan, to reduce its emission of greenhouse gases by 20 percent over the course of the next several years. Walking and bicycling also promote the health of the people engaged in those activities, which supports the goal to support programs and plans which promote wellness by encouraging walking, bicycling, outdoor recreation and all forms of physical exercise. The end result is a Township that is more pleasant and healthier for its residents.

In June 2004 the Township completed a Bicycle Facility Plan. This report was sponsored by the Maplewood Township Committee, with the goal of increasing bicycling opportunities in the Township, both as an alternative travel option and as a recreational and exercise activity benefiting the health and well-being of Maplewood residents. Maplewood's parks, schools, churches and commercial institutions were all considered as "potential attractors for bicycle trips."

The Township currently does not have any designated "on-road" bicycle facilities. Although off-road paths exist in several parks, the plan considered them "too narrow for comfortable shared use of pedestrian and bicycle traffic." The Bicycle Network Plan recommends seven specific projects that can be completed independently in stages. These projects, in order of priority in the report are: Rahway River, Parker Avenue/Underhill, Prospect Street, Park to Pool, Western Loop, South Mountain Connection and Golf Course Connection. The paths the proposed bikeways would follow have been indicated in the Greenways Map included in Section 7 of this Plan.

The Township has sought—but to date has not been successful in receiving—funding to help with the implementation of stages of the plan. Currently, of most interest to the Township Committee is the Western Loop, which would connect Maplewood with Millburn and South Orange along Wyoming Avenue.

From a pedestrian perspective, the Township is well supplied with sidewalks, but there are certain incremental steps that can be taken to improve busy intersections from a pedestrian perspective. As stated earlier, the *Master Plan* recognizes that problem areas include high pedestrian volumes conflicting with vehicular movement in the Village Center, school crossings,

and busy intersections along Valley Street and Springfield Avenue. In addition, mapping and signage for defined walking routes to the two South Mountain Reservation pedestrian access points and other various destinations around town can help encourage residents to walk more and drive less.

Recreational Lands and Facilities Are Overused

There are a limited number of locations in Maplewood that contain active recreational facilities. Contributing to the problems of insufficient availability and extensive overuse is the fact that the School District of South Orange & Maplewood uses municipal facilities for its outdoor athletic programs. Ritzer Field, a multipurpose field at Columbia High School used for physical education classes, band practice and some weekend recreational sports, and Underhill Field near Clinton Elementary School, are the only athletic facilities provided through the school district. By design, Maplewood's schools were built without playing fields but located close to public parks so those fields could be used for school sports.

Maplewood offers a robust recreational program, as does South Orange, and most offerings are reciprocal between the two communities. However, the extent of these offerings is limited by the number of fields, hours of daylight (DeHart Park has the only lighted fields in Maplewood) and need to give fields resting time. Partly because of high demand and lack of adequate resting time, Maplewood's fields have been overused and overplayed for several years. Contributing to the poor condition of some fields is their use for multiple sports. Youth football tears up baseball fields. In turn, baseball infields limit available space for other sports such as soccer, football and lacrosse. In addition, the fields in Memorial Park and at Old Waterlands Park are located in flood-prone areas, which can make them unsuitable for use and slow to drain during periods of heavy rains and high water.

For certain sports and certain age groups, demand exceeds capacity. According to the Department of Recreation and Cultural Affairs for Maplewood, there are 50 to 60 hours of field availability per week and about 170 hours of demand. Adding lights to facilities could increase available playing time by about 10 hours per field per week. Additionally, while interest in football and baseball is declining (a field at Borden Park has actually been abandoned for that use), interest in soccer and lacrosse is on the rise.

According to the Village of South Orange Recreation Department, the Village does not offer girls lacrosse in the spring because there are no available fields. While high school enrollment is predicted to decrease by 2010, enrollment in the elementary schools is projected to increase by about 150 in that same time period (*Board of Education Baseline Data for 2007-08 School Budget Development*), and children enrolled in recreation programs are starting at an earlier age, potentially increasing the imbalance between facilities and demand.

The situation for playgrounds is better as they are available at school facilities as well as in municipal parks. The playground at Orchard Park is relatively new, plans are underway to upgrade the playground in Milo S. Borden Park and consideration is being given to removing the bocce court from R.G. Walter Park and upgrading and expanding the play area there. Additionally, green spaces and play areas at Maplewood elementary schools are available for use on weekends during daylight hours for local residents. Among the projects for which Maplewood's first Open Space Trust Fund dollars (2006-2007) were allocated are maintenance and upgrade issues for athletic and playground facilities in the Township. To date, $200,000 has been allocated toward upgrades to DeHart Park. The park currently includes two baseball diamonds and one multipurpose field that overlays the baseball diamonds. Phase 1 of the Township's plan for upgrading DeHart Park calls for artificial turf, which would allow two multipurpose fields to overlay the baseball diamonds, since the clay infields would be replaced by color coded artificial turf (see DeHart Park plan map included in this element).

Open Space Insufficient to Meet Recommended Standards

A quantitative assessment of Maplewood's open space demand can be derived from employing the "local" open space standards of the National Recreation and Park Association (*Mertes & Hall, 1996*). These widely used figures indicate the minimum desirable concentrations of parks and recreational facilities in a community. These standards call for at least 6.25 to 10.5 acres of parks and open spaces per one thousand residents in any given town.

Using this range, Maplewood Township's population of 23,868 in 2000 should warrant between 150 and 252 acres of parkland. For purposes of this element and in accordance with the Essex County Parks, Recreation and Open Space Master Plan, the Township's 54.8 acres of municipal parkland fall well short of this range; increasing the amount of such space is a planning goal for the Township. Active county park facilities can be counted towards a municipality's requirement, but there are none in Maplewood. South Mountain Reservation, although part of the Essex County Park System, is limited to passive recreation or resource conservation. Consequently, the 470 acres that fall within Maplewood's borders cannot be included, according to the County's guidelines, towards meeting the Township's open space requirement for active recreational needs. This analysis, reflecting a deficit of 145 acres, illustrates the need for additional parks and recreation lands within the Township.

5. RESOURCE ASSESSMENT

A. Maplewood Township Open Space Inventory

The Open Space Inventory is the list of lands in the municipality that the Township should look towards when planning for open space preservation. This list is comprehensive and therefore may include lands that are not traditionally thought of as "open space." This listing also includes lands that currently have structures on them. This inventory includes:

NJ Transit	11 acres
Township owned Land (not preserved)	30 acres
Private Vacant Land	11 acres
Other Exempt Land	16 acres
Residential Land (greater than 5 acres)	58 acres
Commercial and Industrial Land (greater than 0.5 acres)	193 acres
Total Inventory of Potentially Preserved Lands	***319 acres***

Thus, 13% of the Township's land is potentially available for open space preservation.

B. Preservation Opportunities

This section identifies specific locations and preservation categories for the Township of Maplewood that are considered to be the most appropriate for open space and historic preservation. The properties and preservation categories listed here are represented graphically on the Greenways Map for Maplewood Township included in Section 7 of this plan. While properties identified in this section are high priorities for preservation, the Township may decide not to acquire them for this purpose. Should the Township decide to pursue preservation of these areas, this section describes strategies that will aid in this process. Additional opportunities for funding preservation efforts can be found in the Implementation Program in the following chapter. Preservation areas detailed in this section are identified on the Greenways Map and include:

- DeHart Park
- Rahway River Greenway
- Brook Lane Greenway
- Maplewood Country Club

Streetscapes:

- Springfield Avenue Streetscape
- Village Center

Proposed Trails and Urban Pathways include:

- Wyoming Avenue Bikeway Connector to Millburn/South Orange

- Parker Avenue Bikeway east/west connector
- Other Bikeways as indicated on the 2004 Bicycle Facility Plan
- Rahway River Multiuse Connector – South Orange to DeHart Park
- South Mountain Reservation to Rahway River Greenway Connector(s)
- Maplewood Heritage Trails
- Neighborhood Connector Trails

Destination points within Maplewood Township identified on the Greenways Map include:

1. South Mountain Reservation at Claremont Road (bike/pedestrian)
2. South Mountain Reservation at Woodhill Road (bike/pedestrian)
3. South Mountain Reservation at Cedar Lane (off-road bike/pedestrian)
4. South Mountain Reservation via South Orange Avenue (vehicular, possibly bike/pedestrian)
5. South Mountain Reservation via Glen Avenue, Millburn (vehicular, bike)
6. Timothy Ball House Designated Landmark (425 Ridgewood Road)
7. Orchard Park
8. Maplewood Club
9. Grasmere Park and Durand-Hedden House Designated Landmark (523 Ridgewood Road)
10. Jefferson Elementary School
11. St. George's Church
12. Burgdorff Cultural Center
13. Morrow Memorial Methodist Church
14. Maplewood Middle School
15. Memorial Library
16. Memorial Park
17. NJ Transit – Maplewood Station (historic)
18. Old Police Headquarters
19. Fire Headquarters No. 1
20. Civic House
21. Memorial Park Survey District (historic)
22. Maplewood Country Club
23. Vaux Hall/Pierson's Mill Designated Landmark (Valley Street)
24. Tuscan Elementary School
25. Jonas Ball House Designated Landmark (88 Tuscan Road)
26. Prospect Street Survey District (historic)
27. Prospect Presbyterian Church
28. Municipal Building
29. Valley Street Survey District (historic)
30. R.G. Walter Park
31. Old Waterlands Park (Chyzowych Field)
32. YMCA

33. Columbia High School
34. Aaron Brown Homestead Designated Landmark (81 Parker Avenue)
35. Underhill Field
36. Clinton Elementary School
37. Milo S. Borden Playground
38. Ezekial Ball Homestead Designated Landmark (250 Elmwood Avenue)
39. Immaculate Heart of Mary Church
40. Maplewood Volunteer First Aid Squad
41. Community Pool
42. Fire House No. 2
43. Maplecrest Park
44. Hilton Branch Library
45. Boyden/Burnett Survey District (historic)
46. Headley/Zellers House Designated Landmark (36-38 Burnett Avenue)
47. DeHart Park / Maplewood Community Center
48. Hilton Methodist Church
49. Seth Boyden Elementary Demonstration School
50. Lightning Brook Greenway/Olympic Park
51. St. Joseph's Church
52. The Cultural Arts Center on Springfield Avenue (1978)
53. A number of other pre-1860 structures

Preservation Areas

DeHart Park

Open Space Significance: DeHart Park is located in the most densely populated area of Maplewood, which is cut off from easy access to the rest of the Township by Springfield Avenue. The park has the Township's only lighted fields and, as such, is in high demand for athletic activities. The park also borders a redevelopment zone, which calls for some pocket park space within the proposed residential development area.

Potential Preservation Strategy: The Township has already created a plan for enhancement of the park. The plan as indicated in the bond referendum for the voters on November 4, 2008 includes multi-sport synthetic turf field, new sports and pedestrian lighting, redesigned space for a leisure park and an upgraded or Newark Way entrance.

The Township appropriated $2.350 million through the bond (Ordinance 2550-08). Repayment is intended to be made from committed grants in the amount of $858,131 consisting of $603,131 in New Jersey Green Acre Grants and $255,000 in Essex County Open Space Trust Fund Grants. The remaining balance is intended to be paid from future revenues from the Maplewood Open Space Trust Fund over a period of 15 years. $117,500 has presently been designated for the project from the Maplewood Open Space Trust Fund.

Additionally, the Township can explore the possibilities of acquiring additional properties adjacent to the Park as the opportunities arise.

Rahway River Greenway

Open Space Significance: A greenway in Maplewood along the East Branch of the Rahway River would connect with the South Orange River Corridor project, designed to improve the river corridor from an environmental, educational, aesthetic and public use perspective. The Maplewood greenway would help protect the river from further degradation, with the goal of bringing it back to recreational quality waters. It would help connect points within the community, such as DeHart Park, the high school, the middle school, Memorial Park and Old Waterlands Park and it would help connect Maplewood with South Orange, whose residents share recreational and educational facilities with the residents of Maplewood.

Potential Preservation Strategy: The Memorial Park section of the river is already municipal property. At the northern extremity, the river passes alongside Old Waterlands Park, which is owned by South Orange. Potential strategies include buying the property from South Orange or working with South Orange, perhaps funded by a shared grant, to improve the river corridor alongside the park. Between Old Waterlands and Memorial Park, the river passes commercial and residential lots, as well as passing between parking lots for the high school and the YMCA property. Strategies here could include acquiring conservation easements where private properties border the river and reconfiguring the parking lots to allow for a multiuse path and some native plantings to enhance the river corridor. South of Memorial Park, the river passes through the Maplewood Country Club. Strategies for this section should include exploring the possibility of a conservation easement in the short term and acquisition of the property in the long term.

Brook Lane Greenway

Open Space Significance: This unofficial open space serves as a walkway for commuters traveling from the northwestern section of the Township to the Village Center and the train station. It includes a tree canopy and, along the Brook Lane section, follows Crooked Brook. Deer are said to frequent the area. In recent years, the walkway along Crooked Brook was paved with macadam due to complaints from commuters that the path could get muddy. The Virginia Road section shows on the tax maps as a through street to Woodland Road, but in fact, the paved section of the road ends just below its intersection with Brookside and adjacent to Jefferson School property. A path crosses a footbridge then divides, with the Virginia Road section traveling an unpaved pathway between backyards to its intersection with Woodland. The Brook Lane section travels alongside Crooked Brook and Brook Lane on a macadam path. Brook Lane is a private road and the properties extend into the middle of Crooked Brook. Property owners have agreed to turn the walkway area over to the municipality, which currently maintains the area and plows the road. The current tax maps do not show these walkways as

municipal property. A resolution is required to make official the turnover of the land to the Township.

Preservation Strategy: The Township should clarify the official designation of the road. An assessment by the Environmental Advisory Committee or others interested in stewardship and enhancement of habitat in the Township might also be in effective. Signage might be considered, as well as incorporating the greenway in walking and bicycling tours through the Township. Making this greenway official should not require any funding.

Maplewood Country Club

Preservation Significance: Totaling 82 acres in the southern part of Maplewood and bordering the East Branch of the Rahway, this swath of land, now privately owned, would be an excellent addition to Maplewood's open space, offering opportunities for passive and active recreation, a second community pool, use of existing tennis courts, use of clubhouse as additional indoor recreation/cultural space and possibly retention of 9 out of the 18 existing golf holes as a public municipal or county 9-hole golf course. If the property were municipally owned, continuing the Rahway River Greenway through this section could be effected without the need for conservation easements. While the Country Club borders residential areas, the path the Rahway River cuts through the property is sufficiently distant from these same properties as to constitute a natural buffer. When South Mountain Reservation is not factored into the equation, Maplewood lacks the recommended amount of open space for active recreation to accommodate its residents. Acquiring this property would alleviate this.

Preservation Strategy: The Township should share with the Country Club its interest in acquiring the property if and when it might become available. Research should be undertaken to determine whether property would be developable Vis a Vis its location in floodplain/zone. The Township could work with Morris Land Conservancy or other non-profit partners to develop acquisition strategies, using a combination of Open Space Trust Fund, Green Acres, County and other available dollars for purchase of the property. Also, consideration should be given to purchasing this property in partnership with the Essex County Department of Parks, Recreation and Cultural Affairs.

Existing Streetscapes

Springfield Avenue Streetscape

Preservation Significance: Springfield Avenue is a major artery connecting Maplewood with Millburn and Interstate 78 to the southwest and Irvington and Newark to the northeast. Several years ago the Township successfully petitioned the New Jersey Department of Transportation (NJDOT) for municipal control of this formerly four-lane, high traffic volume, pedestrian-unfriendly thoroughfare from the County in order to have control over its appearance and traffic patterns. Establishing a more pedestrian-friendly feel could generate a more connected sense

of community between the majority of the Township and the Hilton section, which lies south of Springfield Avenue.

Preservation Strategy: After bringing the road within its jurisdiction, the Township changed the road from four travel lanes to two, promoted creation of two pedestrian-oriented nodes, identified it as a Special Improvement District and has explored designating portions of the corridor as redevelopment areas. The Township has garnered funding from the NJDOT Municipal Aid Program and the Essex County Community Development Block Grants, among others to help fund its investment in streetscape changes to help develop a strong neighborhood commercial district. The physical improvements implemented to date encourage pedestrian activity with special stamping and imprinting on sidewalks, flower planters decorating the street corners, curb bump outs and changes to traffic signals. The Township continues to work with the Springfield Avenue Partnership to plan and implement improvements to this important corridor.

Village Center

Preservation Significance: The Village Center, along with Memorial Park, is the heart of Maplewood. Its charming streetscape is inviting to residents and visitors alike. It would be an important focal point of historic walking trails and cycling routes through Maplewood. Its walkability and its proximity to Memorial Park make it an attractive contributor to the sense of open space and historic charm that defines Maplewood.

Potential Preservation Strategy: The Maplewood Village Alliance is a nonprofit corporation composed of merchants, property owners and residents dedicated to the betterment of Maplewood Village. The Alliance is incorporated as a Special Improvement District (SID). The Alliance's Clean & Safe, Parking, Marketing, Promotions and Design Committees meet regularly to discuss problems that need attention, formulate possible solutions and implement changes. The Historic Preservation Commission and the Open Space Trust Fund Advisory Committee should work together with the Alliance to ensure that the Village Center's character is preserved. Special attention should be devoted to coordination of efforts to enhance pedestrian corridors and bikeways, open space preservation and parking issues in and around The Village.

Trails and Urban Pathways / Destination Points

Maplewood's network of trails will connect residential areas with various destination points throughout the Township and to neighboring South Orange. Most of these trails will develop upon roads, sidewalks and pathways that have already been established. The exceptions are sections along the Rahway River where a greenway and trails do not currently exist, as discussed above. The Township may want to consider preparation of a trails and greenways plan to aid in the planning and implementation of these projects.

C. Supportive Local Objectives

History of Maplewood's Open Space Program

In the 2004 edition of the Master Plan, the Open Space and Recreation Plan Element states that overutilization of recreational facilities was the most serious concern. This is still a most serious concern in 2008.

An Environmental Resources Inventory was completed in August 24, 2006, which included a listing of public lands, including county and municipal parks and recreational and cultural facilities.

In November 2005 Township residents overwhelmingly passed a referendum establishing an Open Space and Recreation Trust Fund funded through an annual levy set at $0.01 per $100.00 of assessed value. In November 2007, voters approved an increase raising the rate to $0.015 per $100.00 of assessed value. (*Ordinance #2413-07 and Resolution #3-08*) The tax netted approximately $205,000 per year in 2006 and 2007, and is expected to bring in about $300,000 in 2008.

In February 2006, the Township established an Open Space Trust Fund Advisory Committee (OSTFAC), composed of Township officials, residents and representatives of the Recreation Advisory and Environmental Advisory Committees, the Historic Preservation Commission and the South Orange/Maplewood school district. (*Ordinance #2332-06*) In 2006, the Advisory Committee recommended 17 projects totaling $400,000 for the fiscal years 2006 and 2007, with the remaining $10,000 to be set aside as a rainy day fund. All 17 projects were approved by the Township Committee in 2007. Many of the projects, either fully or partially funded with Open Space Trust Fund dollars, were renovations or enhancements to existing recreation facilities and playgrounds. At the request of the Environmental Advisory Committee, $10,000 was allocated for a tree replacement fund and $20,000 for a seasonal worker fund to support enhancement of Maplewood's parks. Also among the projects funded was the preparation of a *Comprehensive Recreation Master Plan* for the Open Space Trust and preparation of this *Open Space and Recreation Plan* (OSRP). In December 2007, the OSTFAC presented its recommendations for the 2008 funding, with the majority of the dollars to be spent on additional "catch-up" projects to improve current facilities and $15,000 to be set aside for land acquisition. These recommendations also were approved by the Township Committee in 2008.

In addition to drawing funds from the Open Space Trust, the OSTFAC sought and received a Smart Growth Planning Grant from the Association of New Jersey Environmental Commissions, which provides matching funds of towards preparation of this OSRP.

Consistency with Other Plans

The Maplewood *Master Plan*'s general goals and objectives include the following goals related to open space and recreation:

- Support policies, programs and regulations which protect and preserve Maplewood's natural physical environment…;
- Encourage the development and implementation of transportation modes which are alternatives to the use of private passenger motor vehicles…;
- Explore the possibility of sharing additional community and municipal services with adjacent communities…; and
- Achieve optimum usage of and benefit from our public areas and community facilities.

The recommendation that Maplewood partner with the Village of South Orange to plan for the enhancement and usage of the Old Waterlands Park, as first put forth in earlier editions of this element, should continue to be pursued.

Additionally, several *Master Plan* sections include recommendations that may impact Maplewood from an open space and recreation perspective:

Land Use Plan

- Proposed rezoning of two areas along Springfield Avenue to move them from an automotive-oriented "highway business" designation to a new pedestrian-oriented retail business district. The first of these, between Princeton and Indiana Streets, already has been rezoned. The second area is on Springfield Avenue opposite Maplecrest Park and the Hilton Branch Library, where "the park and the library point the way to a more community-oriented development pattern" and the potential through redevelopment and reuse to establish "a more pedestrian-friendly character."
- Sustainable development strategies that support "making Maplewood a more walkable and pedestrian- and bike-friendly community"

Circulation Plan

- Pedestrian facilities – incremental improvements through identifying and removing specific barriers such as addition of traffic signals, changing the timing of lights and improving connections of open spaces such as South Mountain Reservation
- Bicycle facilities – develop a bikeway network that serves key bicycling corridors in Maplewood that provide access to key origins and destinations such as parks, schools, commercial districts; commuter railway station; municipal facilities…and other community faculties and places of worship

Community Facilities Plan

- Develop a comprehensive vision and plan for community facilities, irrespective of jurisdiction or ownership, and separate from any subsequent plans for implementation, which would accomplish two key objectives:
  - Facilitate operational planning among municipal departments, including improvements and maintenance to parks and municipal buildings

  - Promote partnerships and joint ventures with other governmental bodies and organizations, including the Board of Education, Village of South Orange, South Mountain YMCA, and the Women's Club
- In the disposition of the former Police Station site on Dunnell Road, consider the historic preservation aspects of the site as well as its proximity to Memorial Park and its potential for adaptive reuse

Economic Development Plan

- Implement parking policies in the Village and on Springfield Avenue that promote and encourage…pedestrian-friendly development patterns

Historic Preservation Plan Goals and Objectives, as stated in the Township's Historic Preservation Ordinance *(#2166-01, adopted July 3, 2001*) and iterated in the *Master Plan*:

- Safeguard the heritage of Maplewood by preserving resources within the Township that reflect elements of its cultural, social, economic, and architectural history;
- Recognize and promote an appreciation of historic landmarks within the Township for the education, economic benefit and pleasure of the local population;
- Maintain and develop an appropriate and harmonious context for the historic and architecturally significant buildings, structures, sites, objects, and districts located within the Township;
- Encourage appropriate alterations of landmarks and improvements within historic districts in order to maintain the sense of cohesive neighborhoods which exist in Maplewood and to prevent new construction on these sites and districts which is not in keeping with the character of these neighborhoods; and
- Regulate appropriate alterations of historic sites as well as alterations or new construction within an historic district to insure compatibility with the existing built environment and to discourage unnecessary demolition or other destruction of historic resources.

Board of Education

The School District of South Orange & Maplewood included in its 2007-2008 District Goals the objective of shared services provided in collaboration with the Village and the Township, with the following as an indicator:

- A plan coordinated with Maplewood and South Orange for use, preservation and improvement of school and community playing fields.

Essex County Open Space Master Plan

The *Essex County Park System Park, Recreation and Open Space Master Plan* was completed in 2003 and the Plan was adopted by Essex County in April of 2003. South Mountain Reservation falls partially within Maplewood Township, which includes 470 of the park's 2,047 acres within its borders. The 2003 *Essex County Park, Recreation and Open Space Master*

Plan identified 12 policy objectives to guide the Essex County Park System in its future endeavors. Many of these policy goals are relevant to the open space and recreation objectives of Maplewood Township. They include:

- Rehabilitate each County Park for the full use and enjoyment of all County residents. (*Policy Objective #2*)
- Maintain each County Park to a superior level. (*Policy Objective #3*)
- Protect significant natural resources in Essex County. (*Policy Objective #4*)
- Support local and community based efforts that preserve open space and that expand the recreational opportunities available to County residents. (*Policy Objective #5*)
- Establish partnerships with community groups and user groups that support the County park system. (*Policy Objective #6*)
- Pursue Federal, State, and non-profit funding to improve County parks, preserve open space, and conserve natural and cultural resources. (*Policy Objective #7*)
- Capitalize on the unique features of the Essex County Park System and provide new recreational programs and facilities to meet the needs of all County residents. (*Policy Objective #8*)
- Establish a safe environment in each County park so that every visitor feels secure and at ease. (*Policy Objective #9*)
- Expand the County Park System giving particular attention to including sites or lands contiguous to existing County parks or to acquiring new sites of substantial size that can be developed or redeveloped for active recreation facilities and special outdoor events. (*Policy Objective #11*)
- Promote the preservation and restoration of cultural, archaeological, and historic sites. (*Policy Objective #12*)

In addition, the *Essex County Park, Recreation and Open Space Master Plan* includes recommendations that specifically affect Maplewood:

- South Mountain Reservation Action Plan – all of the more than two dozen specific recommendations for renovation and new facilities will make the park more usable for Maplewood residents as well as other users, but two in particular stand out: investigating “improvements to South Orange Avenue to provide safer access to Reservation trails and points of interest for bicycles, pedestrians and motorists” and adding a trail signage system (*p. 153*)
- Rahway River Greenway / East Branch – the stream is “an extremely stressed system that functions primarily as a storm sewer, channelized in sections, very flashy and with a large amount of floatable debris” characterized as “an underutilized recreational resource that has for the most part been neglected and ignored”; while there may not be much potential for preserving additional open space along the corridor, “there are opportunities to restore damaged segments and create trails and better access to the river” (*p. 192*) (*Essex County Park System, 2003*)

New Jersey State Development and Redevelopment Plan

The New Jersey State Development and Redevelopment Plan is a general policy document that serves as an integrated statewide planning tool to help guide future planning in New Jersey. This document was most recently adopted in 2001. The State Plan delineates five planning areas that correspond to "large masses of land that share a common set of conditions." With the exception of the portion of Maplewood that lies within the South Mountain Reservation, the Township falls within Planning Area 1 (PA1), the "Metropolitan Planning Area."

Goals for the Metropolitan Planning Area include: support most of the State's future redevelopment; revitalize cities and towns; promote growth in compact forms; stabilize older suburbs (of which Maplewood is an example); redesign areas of sprawl; and protect the character of existing communities. PA1 designation carries with it two principal policy objectives that pertain to Maplewood's *Open Space and Recreation Plan*:

- Natural Resource Conservation: Use open space to reinforce neighborhood and community identity and protect natural linear systems (*Policy Objective #5*)
- Recreation: Provide maximum active and passive recreational opportunities and facilities at the neighborhood, local and regional levels by concentrating on the maintenance and rehabilitation of existing parks and open space while expanding and linking the system through redevelopment and reclamation projects (*Policy Objective #7*) (*New Jersey State Planning Commission, p. 191*)

Garden State Greenways

As a tool for open space planning, *Garden State Greenways* shows municipalities working to preserve the best natural and recreational resources where to get started. The *Garden State Greenways* is a vision for a statewide system of interconnected natural lands, or greenways, in New Jersey. The project defines greenways as "hubs" and "connectors."

- Hubs represent non-fragmented natural areas remaining in New Jersey's landscape. These natural resources—wetlands, forests, fertile soils, grasslands, beaches and diverse plant and animal habitat—provide New Jersey residents with clean water, clean air, a healthy food supply, scenic areas and recreation. These resources maintain a healthy environment for people to live in New Jersey.
- Connectors link the hubs. One goal of the *Garden State Greenways* is to have an outdoor area within a ten-minute walk or bike ride from people's homes. *Garden State Greenways* connect people to the outdoors, physically, by inviting exploration of New Jersey's nature, and intellectually by showing people how nature is working to keep our home state healthy and safe.

In Maplewood, *Garden State Greenways* has mapped South Mountain Reservation as a hub. From the Reservation, three connectors are proposed within Millburn Township, heading south from the Reservation. One heads toward the East Branch of the Rahway River, the second follows the West Branch and the third goes through a series of parks towards Watchung Reservation in Springfield. No connectors are shown for Maplewood.

6. ACTION PLAN

A. Overview

This section outlines a system of parks and open spaces for Maplewood Township that is based on the needs identified by the community. It proposes general policy directives that will help promote a vision of the Township that meets the community's needs for recreation and open space. The vision for Maplewood's network of parks and open spaces is represented in the Greenways Map included in the Section 7 of this Plan. In this vision, Maplewood Township offers its residents ample opportunities for active and passive recreation. Every resident has convenient access to a park or natural area in which its children can play. Parks and recreation areas are connected to the Township's schools by a network of multiuse, bicycle and walking pathways and routes that allow residents safe and convenient access to these places. These pathways also facilitate pedestrian connections to the Township's Village Center and Springfield Avenue. Strengthened partnerships with surrounding communities and non-government organizations can expand the system of recreational and open spaces areas available to Maplewood's residents. Opportunities to realize this vision of Maplewood Township may be pursued through a combination of upgrading, conservation and repurposing of existing open space, the acquisition through lease or purchase of additional open space and continued and expanded partnership with neighboring communities to share resources and facilities.

B. General Recommendations

Protect Trees and Habitat

Trees and natural habitat help define a town's character whether they are in its parks or along its streets. Trees also help to provide carbon offsets to the deleterious effects of vehicles, home heating systems and other contributors to greenhouse gas emissions. Reducing its carbon footprint is a goal of the Township, as evidence by the ongoing development of a Climate Action Plan.

Conducting a tree census, as several residents have requested, will help establish a baseline and give a better sense of where things stand. Passing a tree preservation ordinance and establishing a shade tree commission are other steps that have been taken in Maplewood to make sure that trees are properly protected, monitored and replaced. The Township Committee's first round of approvals for Open Space Trust Fund projects included $10,000 for tree replacement. While the Open Space Trust Fund could be a continuing source of such funding, the shade tree commission might conduct its own fundraising campaigns, thus freeing up Open Space Trust Fund dollars for larger-scale projects, such as acquisition of open space.

Additionally, the East Branch of the Rahway River is a natural resource in desperate need of restoration. Maplewood can piggyback on the efforts of South Orange to establish a pleasing and healthy river corridor that provides recreation opportunities for people as well as habitat for

animal species. Planting trees, removing invasive species and reintroducing large trees and other native plantings can have many benefits, including minimizing erosion of the riverbanks, providing shade for pedestrians and shelter and additional habitat for animal species that may frequent the Township. The Township might consider forming a Rahway River Greenway Committee to shepherd the planning and implementation of such a project. Members of the committee can consult with the Rahway River Association and the Association of New Jersey Environmental Commissions regarding avenues to pursue to best conserve the natural resources of the river corridor and make it into pleasing open space for Township residents. Attention should be given to monitoring the natural resources of all of the Township's open spaces, including its parks and the Brook Lane Greenway, toward removing invasive species and restoring native plants wherever possible. The Township can also help the Essex County Park System and the South Mountain Conservancy in their campaign to remove invasive species and restore native plantings in South Mountain Reservation.

Provide Stewardship for the Township's Parks and Public Places

Parks and open spaces often serve as places where the community gathers to celebrate, mourn and socialize. Consequently, these areas come to identify and define communities, and Maplewood is no exception. Memorial Park is a focal people for sports teams, families, individuals and community events. Other parks offering recreation facilities are shared with South Orange, and the condition of these facilities reflects on the community.

Stewardship efforts should be directed at passive recreational areas as well. Trails and waterways need continual maintenance to keep them well-marked and clear of debris. Playground equipment requires occasional repairs to keep it safe for children. Overuse of the Township's recreational facilities complicates the task of keeping these areas in good condition, but sustained efforts to enhance the quality of the Township's recreational infrastructure will help make it more attractive and pleasant for residents to live in Maplewood.

Improve and Expand the Township's Active Recreation Facilities

Improving the condition of Maplewood's active recreational facilities and providing better maintenance on an ongoing basis is seen as a pressing need by the Township's Open Trust Advisory Committee and by the Board of Education. Of the projects proposed and approved for Open Space Trust Fund spending, the majority concern maintenance, upgrade and enhancement to existing recreation facilities. The Township has plans in place to upgrade DeHart Park to gain an additional multiuse field. The Township is also pursuing the preservation of two acres of land adjacent to DeHart Park, designated for passive recreation. The Environmental Advisory Committee has suggested that Open Space Trust Fund dollars be spent to improve the drainage on the Township's soccer, lacrosse and hockey fields to allow more intensive use of natural turf. The Board of Education has initiated a capital campaign to raise funds to upgrade the track and field at Underhill Field, including lights and artificial turf,

and foresees upgrades to Ritzer Field at Columbia High School as a later phase in the campaign.

But ultimately, since the Township's existing facilities fail to meet the demand for recreation programs and continue to be stressed by overuse, additional active recreation space is an answer that should be seriously considered. Unfortunately, opportunities for acquiring new recreational facilities in Maplewood are limited. The Township is built out, with the vast majority of the land already consumed by residential, commercial, and educational uses. The parcels on the inventory of vacant land are, for the most part, too small or inappropriate even for pocket parks. One solution would be to look to churches and other private or commercial operations, such as the NJ Transit bus terminal on Springfield Avenue, for possibilities for leasing or using available unused portions of these properties for recreational activities. Another solution would be to explore the possibilities of land that is currently occupied but would be suitable for preservation as open space and for reuse as sites for active recreation. The 8.7-acre Old Waterlands Park, which is located in Maplewood but owned by the Township of South Orange, is an opportunity for the Township to permanently protect land currently used for recreation. While Old Waterlands is currently used for recreational activities, it is also used for school bus parking. Relocating the buses and conducting a major cleanup of the overgrowth on the property might enable space for an additional playing field.

An additional opportunity is the 82-acre Maplewood Country Club. If, at some point, the club becomes available for purchase, it will be an opportunity to partner with the County, toward creating an active recreation facility that might include a 9-hole golf course, tennis courts, pool and fields for active recreation. The Township can also look into buying land outside its borders, perhaps unused or underused land in neighboring towns and move some of its municipal infrastructure there. This would free up land in the Township for preservation as open space and recreation.

A *Comprehensive Recreation Master Plan*, already approved for funding through the Open Space Trust Fund, will help with the process of identifying, assessing and implementing solutions to the Township's recreational needs.

<u>Create Pedestrian and Bicycle Linkages between Neighborhoods, Parks and Other Destination Points</u>

A pedestrian trail network can be an attractive alternative to driving, especially with the many pleasing streetscapes available in Maplewood. When more people begin to walk and bicycle around town, less traffic will congest local roads and the parking crunch at the Township's parks and Village Center will be less severe. Well-defined and safe connections to Springfield Avenue for pedestrians and bicyclists will attract residents from nearby neighborhoods and better link the Hilton area south of Springfield Avenue with the remainder of the Township.

The Greenway Map for Maplewood Township identifies many points of interest that can be linked by a pedestrian walking network and by the bicycle loops envisioned by the 2004 Bicycle Facility Plan. Among these are the Township's active recreation areas and parks, designated historic landmarks, including Vaux Hall, the Durand-Hedden House and five other historic houses, and potential historic districts around Memorial Park, in the vicinity of Boyden and Burnett Streets, along Valley Street and along Prospect Street.

The Greenway Map includes the proposed bicycle routes envisioned in the Bicycle Facility Plan. Many of these same routes can be used as designated walking trails as well, making use of the sidewalks that line almost all of Maplewood's streets and provide connections to the pathways through its parks. The seven proposed bicycle routes encompass the major destination points as delineated by the Greenway Map as well as connector routes between Maplewood and the neighboring towns of Millburn, South Orange and Irvington. An additional walking loop could be created that specifically incorporates historic structures and districts. Both the bicycle and the walking routes would benefit from upgrades that might include painting bicycle lanes, widening sidewalks and installing signs that mark the route. Where sidewalks or paved roadways do not exist, the pathway should be developed to support multiuse activities, including, walking, bicycling and in-line skating. Once these connectors are in place, their presence can encourage middle school and high school students in the farther reaches of Maplewood (and even in South Orange) to walk or bike to school and after-school activities along these pathways. They can also be used by commuters who may be encouraged to bike or walk to work more frequently. One important component of implementing the bicycle plan is to establish bicycle parking facilities at the major destination points, such as parks, the train station, schools and shopping districts.

Garden State Greenways' goal of having an outdoor area within a ten-minute bike ride or walk of people's homes is certainly possible for many of Maplewood's residents. While some may be farther than ten minutes away from South Mountain Reservation, it is likely that most residents can reach one of the municipal parks within ten minutes of bicycling or walking. A network of walking and bicycle routes focused on connecting Maplewood's public spaces can benefit all residents.

Some of the bicycle and walking routes can also serve as connectors from a Rahway River Greenway to South Mountain Reservation, providing a link into the *Garden State Greenways* system, which ties together regional and municipal trails throughout the state. Access points exist at Claremont Avenue and Woodhill Road, and an off-road bicycle route can also be designated along Cedar Lane, which runs between the Woodhill Road properties and the Orange Reservoir property. Specifically, the Maplewood portion of South Mountain Reservation includes section of the Lenape Trail that is an offshoot of the developing Liberty-Water Gap Trail, which will extend between Liberty State Park in Jersey City and the Delaware Water Gap.

Pathways from South Orange along the East Branch of the Rahway River also can connect with Maplewood's river greenway and from there to South Mountain. Additionally, Millburn may at some point develop plans for a greenway along its stretch of the East Branch. *Garden State Greenways* envisions a connector from South Mountain to the East Branch through Millburn. If this connector is established, recreational walkers could follow a loop that incorporates the Millburn and Maplewood connectors, the river corridor and the reservation.

As these pathways are created and the Township becomes more walkable and bicyclable, these accomplishments can be celebrated and promoted through events such as an annual historic walk sponsored by the Historic Preservation Commission (possibly a fundraiser), the creation of maps and pamphlets outlining self-guided historic walking tours, destination walking routes and bike routes. The maps and pamphlets can be printed and/or posted on the Township website and distributed at the post office, train station, library, Municipal Building and other destination points. The Recreation Department might sponsor a "Get to Know Your Town" walking group that walks a different neighborhood or route each month. The Board of Education could encourage children to walk more by introducing "Walk to School Fridays," a program that was popular in the Madison schools.

Include Pocket Parks in Neighborhoods and Redevelopment Areas

People that live close to parks and outdoor recreation areas have more opportunities to exercise and spend time outdoors. These individuals also benefit from having a common place where they may interact with their neighbors. Many Maplewood residents are within a mile of the larger municipal parks (Memorial, Maplecrest and DeHart) and most are within a half mile of a park, playground, school play area or athletic field. Of course, for many of those in the western part of the Township, South Mountain Reservation can be accessed by a walk or bicycle ride of half a mile or less. However, there are only three small neighborhood parks: Grasmere and Orchard Parks in the northwestern section of town and Milo S. Borden Park in the east. In a community such as Maplewood, pocket parks enable green spaces on small pieces of property. Pocket, or mini, parks are small recreation areas that service their surrounding communities. Pocket parks are designed to be places where local residents can safely and conveniently enjoy the outdoors. They may, like Orchard Park, provide playground equipment or dog walking areas, or, like Grasmere Park, provide a soothing garden area, and may include only a sidewalk and park benches. The facilities at pocket parks are meant to best accommodate the passive recreational needs of the surrounding community and may be developed accordingly.

Vacant, undeveloped parcels within the Township could be the location of such parks. There are extremely few vacant lots of more than half an acre and several of these "vacant" lots serve as side yards to adjacent lots occupied by the same owner. One of these lots is on Wyoming Avenue, between a small sliver of municipal land and a private residence. Another is on Curtiss Place, and includes a ribbon of brook running diagonally through it. These lots are examples of sites that could provide excellent pocket park opportunities. A third vacant lot, between Prospect Street and North Terrace, is landlocked but is adjacent to three larger properties with very deep

lots. It might be possible for the Township to combine the vacant lot with portions of the other three to create a pocket park. Since there is no street front access, an easement through one of the adjoining properties, wide enough for a pathway, would need to be secured as well. Another opportunity to incorporate pocket parks is during redevelopment of an area. Currently, Maplewood has three redevelopment zones in various stages of planning and implementation. At this point, the Township is in planning negotiations with developers for portions of Redevelopment Zone 2, which borders DeHart Park. The request for proposal for one of these properties included a request to incorporate a pocket park in the development plans. In this and other cases, plans should also take a look at the surrounding area for the potential to link this green space to others nearby. In the case of Redevelopment Zone 2, the development that would include the pocket park is separated from DeHart Park by another area that is currently slated for age-restricted housing and which does not include a pocket park or other green space. However, both of these properties border on Department of Public Works (DPW) land, so there is the possibility that a pathway skirting the edge of the DPW land could connect these two properties to DeHart Park.

The other two redevelopment zones (1 and 3) are along Springfield Avenue, where much streetscape improvement has already taken place to make this traffic intensive commercial area more pedestrian friendly and appealing. However, as redevelopment plans progress, the potential for courtyards or other public spaces can be kept in mind. The Township's Request for Qualifications/Statement of Interest for Redevelopment Zones 1 and 3 includes the following goal: "Create safe, convenient and attractive pedestrian connections and plazas between parking areas building entrances and Springfield Avenue."

Explore Regional Partnerships with Nearby Towns

As a small, suburban municipality, Maplewood Township is thoroughly interconnected with its neighboring towns. The Township's street network accommodates traffic from surrounding communities; local businesses cooperate and compete with those in neighboring towns; and area municipalities share the same natural resources and watercourses. This interconnection is particularly notable with South Orange, which shares education facilities and has reciprocity in many of its recreational programs.

Additionally, Maplewood shares the East Branch of the Rahway River with Millburn and South Orange, which harbors its headwaters. The Township may explore additional shared services with these communities, which could potentially free up land for open space, if various municipal departments were combined. Millburn also has a more open space than is required by County Park System guidelines, so there could be opportunities for shared development of recreational facilities or the possibility for lease or rental of existing facilities.

There are many benefits to pursuing regional partnerships for open space preservation. Maplewood can leverage its expenditures on open space acquisitions with funds from neighboring towns. For example, the Township may dedicate revenues from its open space

trust fund towards purchasing land in nearby communities. Likewise, the Open Space Trust Fund Advisory Committee can solicit funds from neighboring towns for its own preservation projects. Partnerships also help to form a regional identity that is useful when applying for State open space funding. Maplewood could consider forming a tri-town planning partnership with South Orange and Millburn, or an even broader regional partnership encompassing more communities, to pursue common open space and recreational initiatives as well as more comprehensive planning objectives.

Inter-municipal partnerships will help Maplewood Township to realize recreation opportunities that are more regional in scope. Two examples are the suggested connectors to the South Mountain Reservation hub in the New Jersey Conservation Foundation's *Garden State Greenways* program. The integrity of South Mountain's natural resource areas can be improved by Maplewood's cooperation with the County Park system, the South Mountain Conservancy and neighboring towns as well. (see Greenways Map).

C. Implementation Program

The program below suggests specific actions that the Township can take in order to implement the *Open Space and Recreation Plan*. The activities listed for the first year after the completion of the Plan are the most urgent and will help to establish Maplewood's open space program. "Three year" recommendations are also important, but are either less urgent than the one year recommendations or will take more time and planning to complete. The "five year" projects can be pursued once the more pressing needs have been addressed. This Action Program is not a static document but rather requires an annual update by the Open Space Trust Fund Advisory Committee.

<u>Within One Year</u>

- Adopt the *Open Space and Recreation Plan* as an amendment to the Township of Maplewood's *Master Plan*.
- Submit the *Open Space and Recreation Plan* to Green Acres to enter the State's Planning Incentive Program.
- Review and prioritize the properties highlighted in the *Open Space and Recreation Plan*. Visit the properties and decide which one(s) to submit for county and state preservation funding.
- Form relationships with future funding partners including the Essex County Department of Parks, Recreation and Cultural Affairs, regional land trust organizations, local municipalities and historical societies.
- Apply annually to the Essex County Open Space Trust Fund.
- Designate as preserved open space the Brook Lane and Virginia Road areas now used as walkways and maintained by the Township.

- Explore whether any of the churches, commercial properties or other public or private organizations, such as the NJ Transit bus terminal, have open space that could be leased/used for playing fields.
- Explore whether Millburn Township has available fields or field time for rental or lease or other possibilities for sharing use and/or development of recreational facilities.
- Explore with South Orange the possibility of jointly seeking funding for a joint project for restoring the river corridor bordering Old Waterlands and expanding the recreational opportunities, including moving bus parking to another location.
- Acquire the additional two acres adjacent to DeHart Park.

Within Three Years

- Implement the proposed Phase I upgrades to DeHart Park as shown on the DeHart Park Master Plan (see map).
- Implement Bicycle Facility Plan Phases as practicable.
- Explore with Millburn and South Orange the possibility of jointly seeking funding to develop a bike route along Wyoming Avenue and extending into both of the neighboring communities.
- Conduct an open space and recreation survey of the Township's residents to better identify their collective priorities.
- Conduct a Tree Census to identify and map trees and their conditions.
- Plant/replant large-scale trees along banks of Rahway River in Memorial Park to provide shade, retain soil and help retain scale and sense of history associated with Maplewood.
- Develop a Township-wide *Comprehensive Recreation Master Plan*. Include analyses of the properties highlighted in the *Open Space and Recreation Plan*.
- Explore locations and opportunities, in or around Maplewood, where partnerships, such as with South Orange, Millburn and the County, can be utilized to acquire additional recreational space.
- Meet with adjacent municipalities in Essex County to discuss open space objectives, common programs and goals and the possibility of forming a regional planning organization for open space.
- Discuss strategies to promote regional coordination of open space and recreation efforts with the County, State and neighboring towns.
- Assist the Essex County Department of Parks, Recreation and Cultural Affairs and the South Mountain Conservancy with maintenance of South Mountain Reservation.
- Work with the South Mountain Conservancy to identify and sign pedestrian and bicycle access points to South Mountain Reservation and promote resident use of these access points.
- Explore with the Springfield Avenue Partnership the possibility of addressing need for bicycle and pedestrian connectors in the Special Improvement District between the Hilton area south of Springfield Avenue and the rest of the Township north of Springfield Avenue.

- Explore conservation or other easements on properties abutting the East Branch of the Rahway River towards creating a continuous greenway from the South Orange border to the Millburn border and integrating with South Orange's greenway initiative.
- Continue to follow up on potential for expansion of the Maplewood Community Pool's area for playgrounds for young families, by either expanding past the volleyball pit towards residences, utilizing a slender strip of land between the pool and residences and/or acquire more of the forested buffer between Winchester Gardens and the community pool as municipal property, retaining the trees and using the area for passive recreation such as walking paths.
- Review the *Open Space and Recreation Plan* on an annual basis and conduct updates as needed. Submit updates to Green Acres.

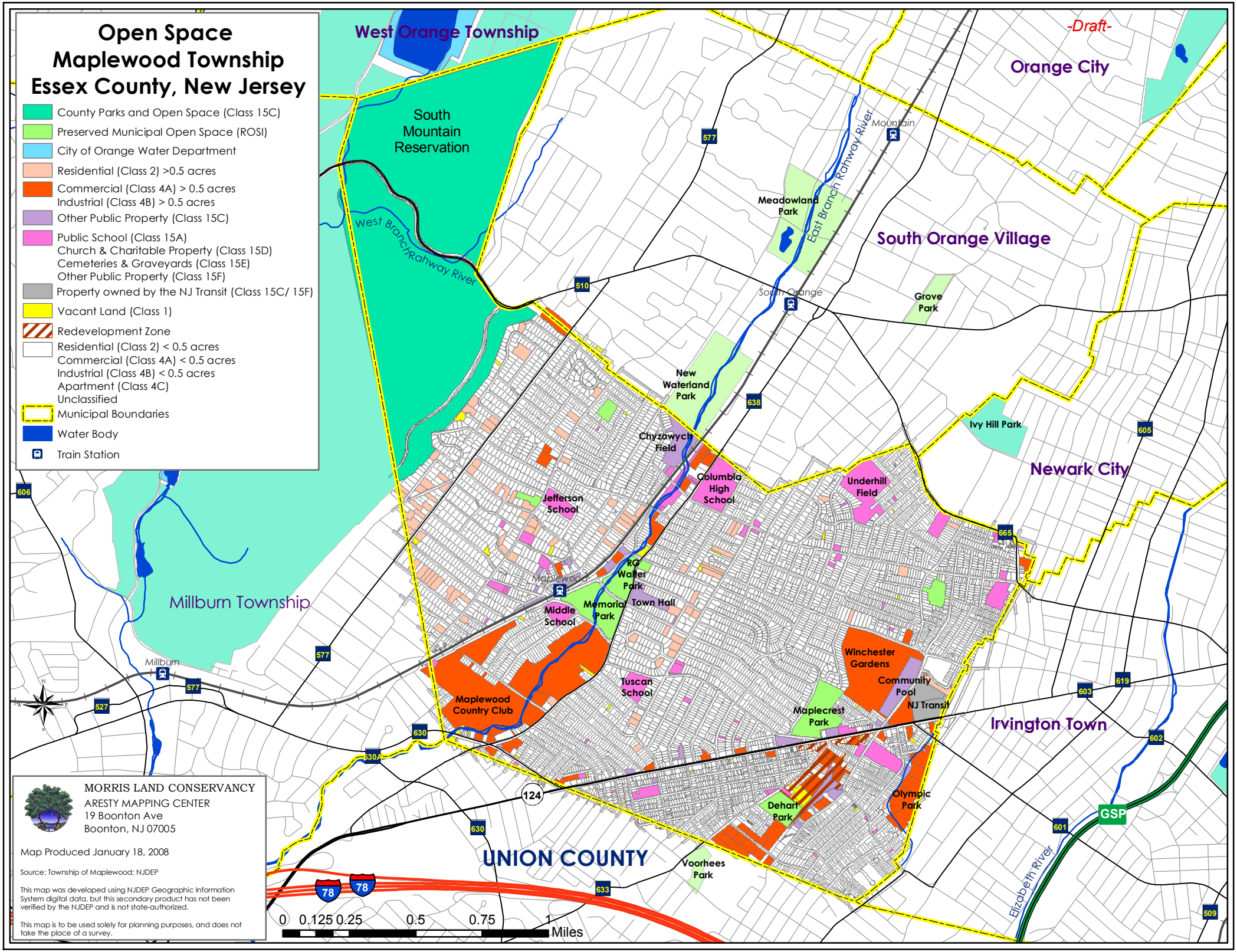
Within Five Years

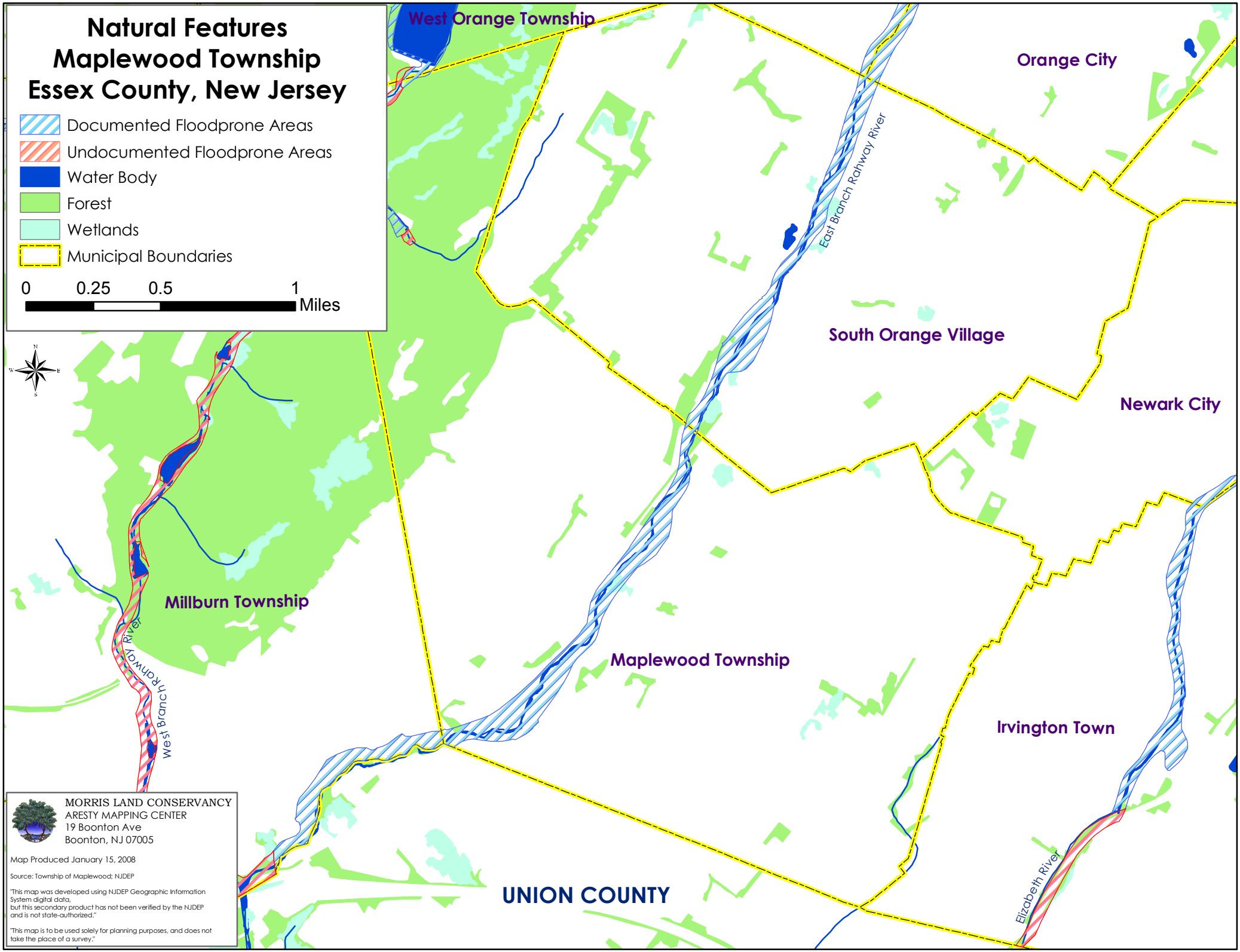
- Develop a stewardship program and informational materials that inform residents about the value of open space and their roles in protecting natural areas.
- Develop a process by which the Open Space Trust Fund Advisory Committee, on behalf of the Township, contacts landowners to request that the Township have a chance to purchase their properties before they are placed on the open market.
- Reach out on a regular basis to landowners within the Township about the possibility of preserving or deed-restricting their properties.
- Celebrate the preservation and expansion of recreational and open spaces with community events.
- Implement a formal, Township-wide pedestrian network. Include a Maplewood Township Heritage Trail as well as designated connections with local neighborhoods.
- Educate local residents about the benefits of placing conservation or historic easements on their property.
- Pursue designation of the Township's Historic Districts and Streetscapes within the National Register of Historic Places.
- Designate as open space the DPW land that will be utilized to improve the Newark Way access and parking facilities for DeHart Park, as noted on Phase II of the Park Master Plan.
- Follow up on proposal to remove the bocce court from R.G. Walter Park and replace it with an expanded playground area.
- Consult with the Board of Education regarding ways the Township can help with plans to upgrade Underhill Field and Ritzer Field (at Columbia High School).
- Explore feasibility of acquiring Maplewood Country Club property as additional open space for playing fields and active recreation, possibly in concert with Essex County.
- Consider preparation of a Trails and Greenways Plan.
- Work with Millburn Township to develop a bike trail/route that would connect downtown Millburn with Maplewood's Village Center and Springfield Avenue commercial district.

- Apply annually for funding from the Essex County Open Space Trust Fund and New Jersey Green Acres.

7. GENERAL OPEN SPACE SYSTEM MAP

A map of the open space system is included on the following page, and the Natural Features Map, Land Use Map and Greenway Map follow on subsequent pages. The maps are maintained on file in the office of the Township Engineer.


Open Space
Maplewood Township
Essex County, New Jersey
County Parks and Open Space (Class 15C)
Preserved Municipal Open Space (ROSI)
City of Orange Water Department
Residential (Class 2) >0.5 acres
Commercial (Class 4A) > 0.5 acres
Industrial (Class 4B) > 0.5 acres
Other Public Property (Class 15C)
Public School (Class 15A)
Church & Charitable Property (Class 15D)
Cemeteries & Graveyards (Class 15E)
Other Public Property (Class 15F)
Property owned by the NJ Transit (Class 15C/ 15F)
Vacant Land (Class 1)
Redevelopment Zone
Residential (Class 2) < 0.5 acres
Commercial (Class 4A) < 0.5 acres
Industrial (Class 4B) < 0.5 acres
Apartment (Class 4C)
Unclassified
Municipal Boundaries
Water Body
Train Station
-Draft-
West Orange Township
Orange City
South Mountain Reservation
West Branch Rahway River
East Branch Rahway River
Mountain
Meadowland Park
South Orange Village
South Orange
Grove Park
New Waterland Park
Ivy Hill Park
Newark City
Chyzowych Field
Columbia High School
Underhill Field
Jefferson School
Maplewood
RG Walter Park
Memorial Park
Town Hall
Middle School
Millburn Township
Millburn
Winchester Gardens
Community Pool
NJ Transit
Tuscan School
Maplecrest Park
Maplewood Country Club
Irvington Town
Dehart Park
Olympic Park
Voorhees Park
UNION COUNTY
Elizabeth River
GSP
606
577
527
630
630A
124
633
638
510
605
665
603
619
602
601
509
78
MORRIS LAND CONSERVANCY
ARESTY MAPPING CENTER
19 Boonton Ave
Boonton, NJ 07005
Map Produced January 18, 2008
Source: Township of Maplewood; NJDEP
This map was developed using NJDEP Geographic Information System digital data, but this secondary product has not been verified by the NJDEP and is not state-authorized.
This map is to be used solely for planning purposes, and does not take the place of a survey.
0 0.125 0.25 0.5 0.75 1
Miles


Natural Features
Maplewood Township
Essex County, New Jersey
Documented Floodprone Areas
Undocumented Floodprone Areas
Water Body
Forest
Wetlands
Municipal Boundaries
0 0.25 0.5 1
Miles
West Orange Township
Orange City
East Branch Rahway River
South Orange Village
Newark City
Millburn Township
West Branch Rahway River
Maplewood Township
Irvington Town
UNION COUNTY
Elizabeth River
MORRIS LAND CONSERVANCY
ARESTY MAPPING CENTER
19 Boonton Ave
Boonton, NJ 07005
Map Produced January 15, 2008
Source: Township of Maplewood; NJDEP
"This map was developed using NJDEP Geographic Information System digital data,
but this secondary product has not been verified by the NJDEP
and is not state-authorized."
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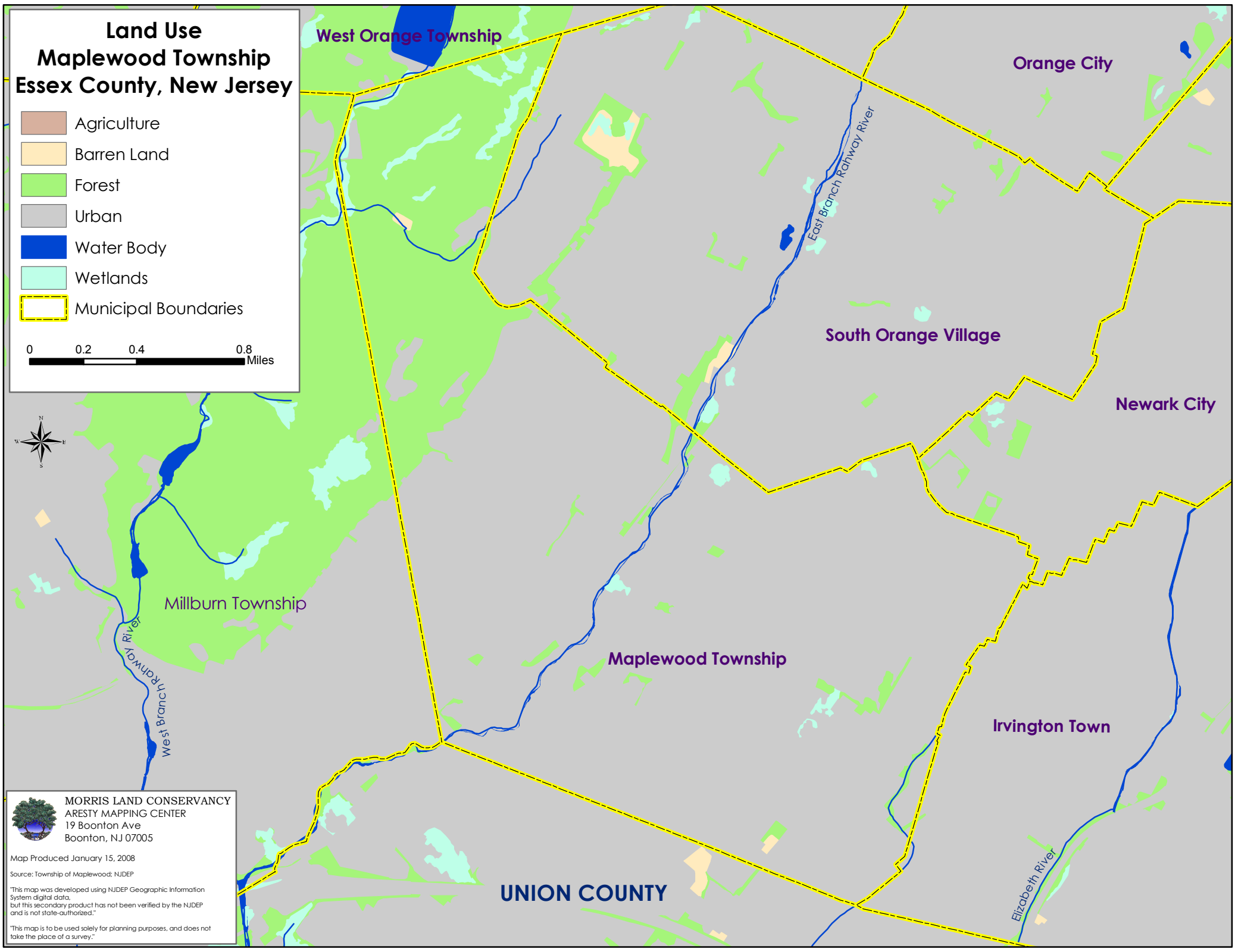
Land Use
Maplewood Township
Essex County, New Jersey
Agriculture
Barren Land
Forest
Urban
Water Body
Wetlands
Municipal Boundaries
0 0.2 0.4 0.8
Miles
West Orange Township
Orange City
East Branch Rahway River
South Orange Village
Newark City
Millburn Township
West Branch Rahway River
Maplewood Township
Irvington Town
UNION COUNTY
Elizabeth River
MORRIS LAND CONSERVANCY
ARESTY MAPPING CENTER
19 Boonton Ave
Boonton, NJ 07005
Map Produced January 15, 2008
Source: Township of Maplewood; NJDEP
"This map was developed using NJDEP Geographic Information System digital data,
but this secondary product has not been verified by the NJDEP
and is not state-authorized."
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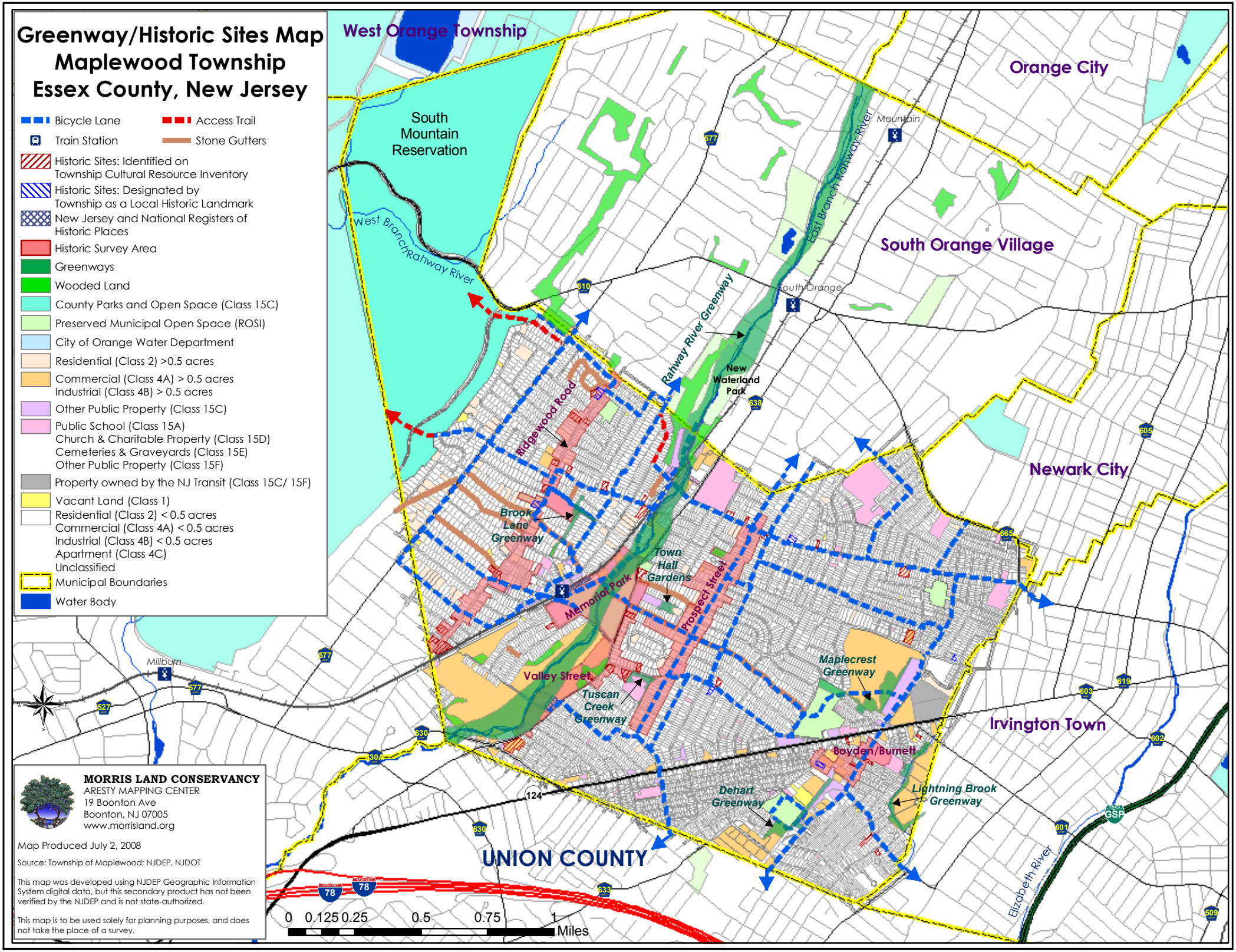
Greenway/Historic Sites Map
Maplewood Township
Essex County, New Jersey
Bicycle Lane
Access Trail
Train Station
Stone Gutters
Historic Sites: Identified on Township Cultural Resource Inventory
Historic Sites: Designated by Township as a Local Historic Landmark
New Jersey and National Registers of Historic Places
Historic Survey Area
Greenways
Wooded Land
County Parks and Open Space (Class 15C)
Preserved Municipal Open Space (ROSI)
City of Orange Water Department
Residential (Class 2) >0.5 acres
Commercial (Class 4A) > 0.5 acres
Industrial (Class 4B) > 0.5 acres
Other Public Property (Class 15C)
Public School (Class 15A)
Church & Charitable Property (Class 15D)
Cemeteries & Graveyards (Class 15E)
Other Public Property (Class 15F)
Property owned by the NJ Transit (Class 15C/ 15F)
Vacant Land (Class 1)
Residential (Class 2) < 0.5 acres
Commercial (Class 4A) < 0.5 acres
Industrial (Class 4B) < 0.5 acres
Apartment (Class 4C)
Unclassified
Municipal Boundaries
Water Body
West Orange Township
South Mountain Reservation
Orange City
South Orange Village
Newark City
Irvington Town
UNION COUNTY
West Branch Rahway River
East Branch Rahway River
Rahway River Greenway
New Waterland Park
Ridgewood Road
Brook Lane Greenway
Memorial Park
Town Hall Gardens
Prospect Street
Valley Street
Tuscan Creek Greenway
Maplecrest Greenway
Boyden/Burnett
Dehart Greenway
Lightning Brook Greenway
Elizabeth River
Mountain
South Orange
Millburn
MORRIS LAND CONSERVANCY
ARESTY MAPPING CENTER
19 Boonton Ave
Boonton, NJ 07005
www.morrisland.org
Map Produced July 2, 2008
Source: Township of Maplewood; NJDEP, NJDOT
This map was developed using NJDEP Geographic Information System digital data, but this secondary product has not been verified by the NJDEP and is not state-authorized.
This map is to be used solely for planning purposes, and does not take the place of a survey.
0 0.125 0.25 0.5 0.75 1 Miles

8. ADDITIONAL PARCEL DATA REQUIREMENTS

The required information will be provided locally pursuant to the requirements of the Green Acres program.

9. PUBLIC PARTICIPATION

This element was prepared through a public participation process that included a community-based committee (Maplewood Township Open Space Trust Fund Advisory Committee) and outreach to Township and school district officials and other stakeholders regarding open space and recreation issues. Two noticed public meetings were held for this element, as mandated by Green Acres Program requirements. At the first meeting, which was held on November 29, 2006, the Committee solicited the opinions of Township residents and other interested parties about their priorities and concerns regarding open space and use of the Open Space Trust Fund. A second public meeting was held on October 14, 2007. In addition, this planning process followed up on other community-based planning and visioning efforts, including the preparation of other Master Plan elements and a Township Climate Action Plan.

10. PLANNING ADOPTION

The Township of Maplewood Planning Board has adopted this *Open Space and Recreation Plan* Element as an element of the Township's *Master Plan* on September 23, 2008.

APPENDIX: PARCEL DATA TABLES – OPEN SPACE INVENTORY

Public Lands (Class 15) - Township of Maplewood

Block	Lot	Owner	Owner's Address	City, State		Acres	Class
16.01	1	N J TRANSIT % ENG. SOLVE UBAR-14	P.O. BOX 6077	SOMERSET, NJ	08873	0.5568	15F
44.02	50	N J TRANSIT % ENG. SOLVE UBAR-14	P.O. BOX 6077	SOMERSET, NJ	08873	6.0641	15F
44.02	101	N J TRANSIT % ENG. SOLVE UBAR-14	P.O. BOX 6077	SOMERSET, NJ	08873	4.5927	15C
			NJ Department of Transportation	**Total Acreage**		**11.2136**	
1.04	1	ESSEX COUNTY PARK COMMISSION				33.0612	15C
1.03	1	ESSEX COUNTY PARK COMMISSION				211.2909	15C
1.02	1	ESSEX COUNTY PARK COMMISSION				225.6165	15C
			County of Essex	**Total Acreage**		**469.9686**	
13.02	136	BOARD OF EDUCATION	525 ACADEMY STREET	MAPLEWOOD,N.J.	07040	4.7510	15A
15.07	419	BD OF EDUCATION	525 ACADEMY STREET	MAPLEWOOD,N.J.	07040	0.4590	15A
16.01	30	BD OF EDUCATION	525 ACADEMY STREET	MAPLEWOOD,N.J.	07040	0.1788	15A
16.01	31	BD OF EDUCATION	525 ACADEMY STREET	MAPLEWOOD,N.J.	07040	0.2233	15A
16.01	31.01	BD OF EDUCATION	525 ACADEMY STREET	MAPLEWOOD,N.J.	07040	0.1901	15A
16.01	41	BD OF EDUCATION	525 ACADEMY STREET	MAPLEWOOD,N.J.	07040	0.7629	15A
16.01	49	BD OF EDUCATION	525 ACADEMY STREET	MAPLEWOOD,N.J.	07040	0.4386	15A
16.02	51	BD OF EDUCATION	525 ACADEMY STREET	MAPLEWOOD,N.J.	07040	1.3965	15A
18.02	1	BD OF EDUCATION	525 ACADEMY STREET	MAPLEWOOD,N.J.	07040	3.9883	15A
22.09	217	BD OF EDUCATION	525 ACADEMY STREET	MAPLEWOOD,N.J.	07040	4.8188	15A
24.05	1	BD OF EDUCATION	525 ACADEMY STREET	MAPLEWOOD,N.J.	07040	12.8553	15A
36.05	1	BD OF EDUCATION	525 ACADEMY STREET	MAPLEWOOD,N.J.	07040	15.5476	15A
45.05	304	BD OF EDUCATION	525 ACADEMY STREET	MAPLEWOOD,N.J.	07040	5.4112	15A
			Board of Education	**Total Acreage**		**51.0214**	
8.05	238	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J	07040	1.8135	15C
15.03	63	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J	07040	2.4819	15C
17.01	17	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J	07040	7.6020	15C
17.02	126	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD NJ	07040	15.8285	15C
23.05	123	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J	07040	0.9987	15C
31.34	301	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J	07040	15.0519	15C
43.42	2	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J	07040	4.1397	15C
48.47	8	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD,N J	07040	7.2950	15C
			Maplewood Township	**(preserved) Total Acreage**		**55.2112**	
7.04	184	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J	07040	0.0865	15C

Public Lands (Class 15) - Township of Maplewood

Block	Lot	Owner	Owner's Address	City, State		Acres	Class
9.02	111	TOWNSHIP OF MAPLEWOOD	574 VALLEY STREET	MAPLEWOOD, N.J.	07040	0.0133	15C
9.02	111.01	TOWNSHIP OF MAPLEWOOD	574 VALLEY STREET	MAPLEWOOD, NJ	07040	0.0393	15C
10.02	183	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J	07040	0.0851	15C
11.06	125	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J	07040	0.0538	15C
11.06	133.01	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J	07040	0.0637	15C
12.02	100.01	TOWNSHIP OF MAPLEWOOD	574 VALLEY STREET	MAPLEWOOD N.J.	07040	0.4661	15C
12.02	175.01	TOWNSHIP OF MAPLEWOOD	574 VALLEY STREET	MAPLEWWOD,N.J.	07040	0.1513	15C
12.03	161	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J	07040	0.3995	15C
12.04	194	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J	07040	0.1973	15C
12.05	221.01	TWP OF MAPLEWOOD	574 VALLEY STREET	MAPLEWOOD, NJ	07040	0.0122	15C
12.07	282	TWP OF MAPLEWOOD/ERIE-LACK	574 VALLEY ST.	MAPLEWOOD, N.J.	07040	0.6364	15C
13.09	181	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J	07040	0.3812	15C
13.09	185	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J	07040	0.3003	15C
13.10	178	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J	07040	0.3873	15C
14.03	14.01	TWP OF MAPLEWOOD	574 VALLEY STREET	MAPLEWOOD, N.J.	07040	0.0015	15C
14.03	101	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J	07040	0.0764	15C
15.01	1	TOWNSHIP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J	07040	0.0968	15C
17.16	10	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J	07040	0.8674	15C
17.16	12	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD N J	07040	0.6009	15C
19.20	116	TWP OF MAPLEWOOD	574 VALLEY STREET	MAPLEWOOD, NJ	07040	0.0396	15C
21.07	406	TOWNSHIP OF MAPLEWOOD	1978 SPRINGFIELD AVE	MAPLEWOOD, NJ	07041	0.0599	15C
21.11	343	TWP OF MAPLEWOOD	574 VALLEY STREET	MAPLEWOOD, NJ	07040	0.0223	15C
21.12	125	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J	07040	0.1651	15C
22.01	233	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J	07040	0.3892	15C
23.04	217	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J	07040	0.1682	15C
23.04	235	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J	07040	4.3488	15C
24.04	128.01	TWP OF MAPLEWOOD	574 VALLEY STREET	MAPLEWOOD, NJ	07040	0.0095	15C
25.06	86	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N.J.	07040	0.0753	15C
25.06	132	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J	07040	0.0637	15C
26.08	247	TWP OF MAPLEWOOD	574 VALLEY STREET	MAPLEWOOD, NJ	07040	0.0172	15C
27.01	91	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J	07040	0.0980	15C
28.05	160	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J	07040	0.8306	15C
28.07	143.01	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J	07040	0.0034	15C
28.08	135.01	TWP OF MAPLEWOOD	574 VALLEY STREET	MAPLEWOOD, N.J.	07040	0.0045	15C
29.07	273	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J	07040	0.2298	15C
30.05	147	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J	07040	1.7625	15C
31.34	3	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J	07040	8.0011	15C
31.34	80	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J	07040	0.3308	15C
31.34	84.01	TWP OF MAPLEWOOD	574 VALLEY STREET	MAPLEWOOD, N.J.	07040	0.0060	15C
31.34	84.01	TWP OF MAPLEWOOD	574 VALLEY STREET	MAPLEWOOD, N.J.	07040	0.1403	15C

Public Lands (Class 15) - Township of Maplewood

Block	Lot	Owner	Owner's Address	City, State	Acres	Class
31.34	114	TOWNSHIP OF MAPLEWOOD	574 VALLEY STREET	MAPLEWOOD, N.J. 07040	0.9416	15C
33.05	96.01	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J 07040	0.0081	15C
35.01	211.01	TWP OF MAPLEWOOD	574 VALLEY STREET	MAPLEWOOD, N.J. 07040	0.0083	15C
36.01	303	TWP OF MAPLEWOOD	574 VALLEY STREET	MAPLEWOOD, N.J. 07040	0.0092	15C
43.03	233.01	TWP OF MAPLEWOOD	574 VALLEY STREET	MAPLEWOOD, NJ 07040	0.0104	15C
44.01	259	TWP. OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J 07040	0.0340	15C
44.02	1	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J 07040	0.1668	15C
45.03	20	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J 07040	0.1234	15C
45.03	341	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J 07040	0.8106	15C
48.47	6	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J 07040	0.3420	15C
48.47	67	TOWNSHIP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, NJ 07040	0.1148	15C
48.47	112	TOWNSHIP OF MAPLEWOOD	574 VALLEY STREET	MAPLEWOOD,N.J. 07040	1.0411	15C
48.47	167	TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J 07040	4.6740	15C
			Maplewood Township	**(unpreserved) Total Acreage**		
15.07	343	TWP OF SO ORANGE VILL/ TWP OF MAPLEWOOD	574 VALLEY ST	MAPLEWOOD, N J 07040	8.1283	15C
			Joint township ownership	**(preserved) Total Acreage**	**8.1283**	
15.07	422	TOWNSHIP OF SO ORANGE VILLAGE	VILLAGE HALL	SOUTH ORANGE N J 07079	0.8191	15C
			South Orange Township	**Total Acreage**	**0.8191**	

Private Lands (Class 15) - Township of Maplewood

Block	Lot	Owner	Owner's Address	City, State	Acres	Class
10.06	51	MORROW MEMORIAL METHODIST CHURCH	600 RIDGEWOOD RD	MAPLEWOOD, N J 07040	0.3200	15D
12.01	16	RECTOR,WARDENS&VESTRYMEN ST GEO CH	550 RIDGEWOOD RD	MAPLEWOOD, N J 07040	1.2499	15D
12.06	226	MORROW MEMORIAL CHURCH	600 RIDGEWOOD ROAD	MAPLEWOOD, N J 07040	1.1116	15D
12.06	226.01	MORROW MEMORIAL CHURCH	600 RIDGEWOOD ROAD	MAPLEWOOD, N J 07040	0.1988	15D
12.06	231	MORROW MEMORIAL CHURCH	600 RIDGEWOOD ROAD	MAPLEWOOD, N J 07040	0.2406	15D
15.04	142	ST. GEORGE'S EPISCOPAL CHURCH	550 RIDGEWOOD ROAD	MAPLEWOOD, NJ 07040	0.1320	15D
24.09	302	CALVARY REFORMED CHURCH	527 PROSPECT STREET	MAPLEWOOD, N J 07040	0.5350	15D
26.05	115	BETH EPHRAIN MPD JEWISH CENTER	520 PROSPECT ST	MAPLEWOOD, N J 07040	0.2872	15D
27.01	92	PROSPECT PRESBYTERIAN CHURCH	646 PROSPECT STREET	MAPLEWOOD, N J 07040	0.9955	15D
27.01	94	BD OF TRUSTEES PROSPECT PRES.CHURCH	646 PROSPECT ST	MAPLEWOOD, N J 07040	0.2840	15D
28.04	22	NORTH REFORMED DUTCH CHURCH	15 YALE STREET	MAPLEWOOD, N. J. 07040	0.3073	15D
29.04	542	FIRST BAPTIST CH OF VAUX HALL	5 HILTON AVE	VAUX HALL,N.J. 07088	0.0688	15D
29.04	543	FIRST BAPTIST CHURCH INC	5 HILTON AVE	VAUX HALL, N J 07088	0.0716	15D
29.05	544	FIRST BAPTIST CH OF VAUX HALL	5 HILTON AVENUE	VAUX HALL,N.J. 07088	0.1849	15D
29.08	277	ST JOSEPH R C CHURCH	767 PROSPECT ST	MAPLEWOOD, N J 07040	2.3141	15D
31.05	25	HILTON METHODIST CHURCH	285 BOYDEN AVENUE	MAPLEWOOD, NJ 07040	0.8061	15D
31.34	98	CHURCH OF LATTER-DAY SAINTS/TAX.ADM	50 E.NORTH TEMPLE ST.22FL	SALT LAKE CITY, UT 84150	1.1935	15D
33.06	36	CON. BETH EPHRIAM MAPLEWOOD JEWISH	120 PARKER AVE.	MAPLEWOOD, NJ 07040	0.3466	15D
35.03	216	THE SALVATION ARMY/PROPERTY DEPT	4 GARY ROAD	UNION, N.J. 07083	0.1399	15D
35.04	140	SECOND REFORMED CHURCH	132 ELMWOOD AVE	IRVINGTON,N.J. 07111	0.1413	15D
36.06	58				0.4046	15D
36.07	133	MT SINAI CONGREGATION	250 MT VERNON PLACE	NEWARK N J 07106	0.1710	15D
42.02	41	UKRAINIAN ORTHODOX CH HOLY ASCENSON	652 IRVINGTON AVE	MAPLEWOOD, N J 07040	0.4565	15D
42.02	43	UKRAINIAN ORTHODOX CH HOLY ASCENSON	650 IRVINGTON AVE	MAPLEWOOD, N J 07040	0.1185	15D
42.03	29	NJ CONFERENCE-SEVENTH DAY ADVENTIST	202 NORMAN ROAD	NEWARK, NJ 07106	0.2270	15D
42.08	146	IMMACULATE HT OF MARY R C CHURCH	280 PARKER AVE	MAPLEWOOD, N J 07040	0.5705	15D
42.11	374	IMMACULATE HT OF MARY R C CHURCH	280 PARKER AVE	MAPLEWOOD, N J 07040	4.2748	15D
45.03	84.01	OUR HOUSE INC.	76 FLORAL AVENUE	MURRAY HILL, NJ 07974	0.0911	15D
45.03	121	LEBOVIC, YEHESKEL & PEARL	5 NELSON PL	MAPLEWOOD, NJ 07040	0.1339	15D
47.03	50	CONGREGATION AHAVATH ZION	421-27 BOYDEN AVE	MAPLEWOOD, NJ 07040	0.0977	15D
48.47	7.01	FIRST MAPLEWOOD BAPTIST CHURCH	P.O. BOX 156	MAPLEWOOD, NJ 07040	0.4114	15D
49.13	235	MAPLEWOOD BIBLE CHAPEL	107-125 BURNETT AVE	MAPLEWOOD, N J 07040	0.2804	15D
49.13	239	MAPLEWOOD GOSPEL CHURCH	127-9 BURNETT AVE	MAPLEWOOD, N J 07040	0.1230	15D
			Churches and Charitable Land	**Total Acreage**	**18.2891**	
38.05	103	COMMUNITY ACTION FOR INDEP. LIVING	1 CORNELL PARKWAY	SPRINGFIELD, N.J. 07081	0.0574	15F
31.34	129	MONTGOMERY, CHARLES	35 BOYDEN PKWY S	MAPLEWOOD, N.J. 07040	0.0962	15F
20.03	355	CEREBRAL PALSY OF NORTH JERSEY, INC	515 VALLEY STREET	MAPLEWOOD, NJ 07040	0.0980	15F
46.05	67	PETRALIA, JOSEPHINE	35 SCHAEFER RD	MAPLEWOOD, N.J. 07040	0.1053	15F

Private Lands (Class 15) - Township of Maplewood

Block	Lot	Owner	Owner's Address	City, State	Acres	Class
22.01	23	PROJECT LIVE NO. V INC.	408 BLOOMFIELD AVENUE	NEWARK, NEW JERSEY 07107	0.1148	15F
38.05	104	COMMUNITY ACTION FOR INDEP. LIVING	1 CORNEL PARKWAY	SPRINGFIELD, N.J. 07081	0.1148	15F
29.02	475	ROBINSON,HELEN	15-17 OHIO ST	MAPLEWOOD, N.J. 07040	0.1149	15F
30.02	59	COLGATE ROAD DEVELOPMENT INC.	11 SPRING STREET	FREEHOLD, N.J. 07728	0.1262	15F
30.01	40	SOTTOSANTI, CONCETTA	11 COLGATE RD	MAPLEWOOD, N.J. 07040	0.1392	15F
30.01	18	PROJECT LIVE V1, INC	408 BLOOMFIELD AVE	NEWARK, NJ 07107	0.1481	15F
16.02	93	YMCA,ORANGES,MPLWD,W ESSEX SUSS CTY	139 EAST MC CELLEN AVENUE	LIVINGSTON, NJ 07039	0.1669	15F
12.09	275.01	MURPHY, ROBERTA A.	3 MOUNTAIN AVE	MAPLEWOOD, N.J. 07040	0.1695	15F
21.08	397	THE VALERIE FUND, INC.	2101-2111 MILLBURN AVENUE	MAPLEWOOD, N.J. 07040	0.2197	15F
33.06	31	BERGGREN, RICHARD G&B COLE-BERGGREN	8-10 SUFFOLK AVE	MAPLEWOOD, N.J. 07040	0.2591	15F
21.07	395	V F W MAPLEWOOD MEMORIAL POST 10120	12-22 MARIE PLACE	MAPLEWOOD, N J 07040	0.3444	15F
25.01	13	ETHICAL SOCIETY OF ESSEX COUNTY	516 PROSPECT ST	MAPLEWOOD, N J 07040	0.4150	15F
19.20	1.01	KARAN,EDWARD + JANE E	680 RIDGEWOOD RD	MILLBURN N J 07041	0.6587	15F
12.03	127	WOMEN'S CLUB OF MAPLEWOOD, THE	60 WOODLAND RD	MAPLEWOOD, N J 07040	1.2381	15F
16.02	76	THE METROPOLITAN YMCA OF ORANGES	139 EAST MCCLELLAN AVE.	LIVINGSTON, NJ 07039	1.8688	15F
38.01	213	564 IRVINGTON AVE. LTD. PARTNERSHIP	7 THOMAS DRIVE	CUMBERLAND FORESIDE, ME 04110	2.9136	15F
			Other Tax Exempt Land	**Total Acreage**	**9.3687**	

Vacant Land (Class 1) - Township of Maplewood

Block	Lot				Acres	Class
5.03	14.01				0.2113	1
6.03	33				0.2562	1
7.04	151				0.0053	1
7.04	216				0.0447	1
8.02	131				0.6935	1
10.02	141				0.2916	1
10.05	91				0.3444	1
12.01	25				0.2994	1
15.03	71				0.1134	1
16.03	126				0.7143	1
18.03	126				0.4749	1
19.18	270				0.1342	1
19.20	102				0.4009	1
19.20	124				0.0767	1
20.05	302.01				0.1146	1
20.05	302.01				0.6793	1
21.07	401				0.1147	1
21.10	425				0.1306	1
21.12	88				0.1171	1
22.07	144				0.1348	1
24.08	282.01				0.1878	1
24.08	288.03				0.2245	1
25.04	139.01				0.1825	1
29.03	448				0.0848	1
29.04	537				0.1473	1
29.15	155				0.0574	1
31.05	17				0.1552	1
31.34	64				0.0917	1
35.05	70.02				0.1191	1
38.03	118				0.0572	1
45.03	17				0.1291	1
45.03	83.01				0.1130	1
45.06	5.02				0.1939	1
46.07	53.02				0.0025	1
47.02	246				0.1076	1
48.01	39.01				0.5386	1
48.47	5.01				2.1407	1
48.47	7				0.5854	1
49.01	462				0.0574	1
49.06	266				0.0571	1
49.11	179				0.0573	1
				Total Acreage	**10.6420**	

Residential Land greater than 0.5 acres (Class 2) - Township of Maplewood

Block	Lot	Acres	Class
6.01	101	1.7257	2
6.03	271	0.5437	2
7.04	194	0.6663	2
7.08	201	0.6053	2
7.08	212	0.9654	2
8.02	19	0.8094	2
8.02	100	0.5357	2
8.02	141	0.6916	2
8.02	142	0.5326	2
8.05	256	0.5918	2
8.05	258	0.5619	2
8.05	267	0.5364	2
8.05	271	0.7511	2
8.05	274	0.5649	2
8.05	278	0.7433	2
9.01	122	0.5468	2
9.01	126	0.5746	2
9.01	129	0.5431	2
9.01	131	0.5762	2
9.01	134	0.5372	2
9.01	138	0.6185	2
9.01	140	1.0573	2
9.01	144	0.6576	2
9.02	113	0.6096	2
9.02	115	0.9085	2
9.02	120	0.5208	2
9.03	16	0.6398	2
9.03	108	0.5068	2
9.03	109	0.5413	2
10.01	204	0.5051	2
10.01	209	0.9219	2
10.01	210	0.6559	2
10.01	214	0.9295	2
10.01	217	0.5319	2
10.01	218	0.5311	2
10.01	221	0.5303	2
10.01	224	0.7943	2
10.01	227	0.8266	2
10.02	138	0.6270	2
10.06	57	0.5407	2

Residential Land greater than 0.5 acres (Class 2) - Township of Maplewood

Block	Lot		Acres	Class
10.06	58		0.5453	2
10.09	30		0.6592	2
11.02	18		0.6175	2
11.06	126		0.5055	2
12.01	4		0.5231	2
12.01	9		0.5033	2
12.01	10		0.7184	2
12.01	14		0.5851	2
12.03	151		0.6998	2
13.04	38		0.5314	2
13.07	50		0.6197	2
13.08	1		0.6994	2
13.08	6		0.5932	2
13.08	8		0.6937	2
13.08	9		0.7029	2
13.08	11		0.5062	2
13.08	16		0.5993	2
14.03	46		0.5124	2
18.03	119.01		0.6388	2
22.02	246		0.5204	2
22.03	155		0.6243	2
22.03	257		0.5100	2
23.01	84		0.5775	2
23.02	136		0.6362	2
23.03	44		0.7948	2
23.03	156		0.5194	2
23.03	159		0.7561	2
23.03	215		0.5028	2
23.04	256		0.9326	2
23.05	29		0.6452	2
23.06	32		0.5594	2
23.06	42		0.5341	2
24.07	220		0.5355	2
24.08	282		0.9766	2
24.08	283		0.5689	2
24.08	284		0.5918	2
24.08	288.02		0.8682	2
24.09	297		0.6006	2
24.09	299		0.6642	2
25.06	107		0.5384	2

Residential Land greater than 0.5 acres (Class 2) - Township of Maplewood

Block	Lot				Acres	Class
35.01	229.05				0.5072	2
35.06	57				0.8922	2
38.01	302				0.5411	2
44.02	118				2.5472	2
45.03	144				0.5399	2
48.47	140				0.7111	2
				Total Acreage	**57.7074**	

Commercial and Industrial Land greater than 0.5 acres (Class 4) - Township of Maplewood

Block	Lot	Acres	Class
5.01	1	3.3774	4B
8.10	189	0.5098	4A
8.10	191	1.6061	4A
12.02	173	0.7072	4A
16.01	12	1.3385	4B
16.01	12.01	0.5773	4A
16.01	22	1.2001	4A
16.01	32	0.8218	4A
16.03	111	2.5155	4A
17.16	11	0.7996	4A
17.16	14	0.5512	4A
18.03	24	37.2711	4A
18.03	120.02	1.4785	4A
19.18	1	7.5078	4A
19.20	283	0.5637	4A
19.20	293	45.1435	4A
19.20	298	0.5978	4A
20.02	371	0.6178	4A
21.07	377	1.2093	4A
21.12	61	1.7231	4A
22.02	255	0.5385	4A
28.07	151	0.6366	4A
30.02	118	0.5293	4A
31.05	10	0.7054	4A
31.34	4	35.9175	4A
35.01	210	0.8792	4A
42.03	14	1.7727	4A
44.01	239	0.6241	4A
44.02	2	3.9161	4A
45.03	23	3.7690	4A
45.03	25	2.0519	4A
45.03	28	2.6702	4A
45.03	29	4.3625	4A
45.03	31	3.9697	4A
45.05	353	0.5255	4A
45.06	412	0.6559	4A
48.01	31	0.5662	4B
48.01	31.01	0.6246	4A
48.01	31.02	0.9229	4B
48.01	31.03	1.3802	4B

Commercial and Industrial Land greater than 0.5 acres (Class 4) - Township of Maplewood

Block	Lot				Acres	Class
48.01	31.04				0.9293	4B
48.01	38				2.4999	4B
48.01	39				1.2190	4B
48.01	41				0.7141	4B
48.47	1				2.5776	4A
48.47	29				0.5654	4B
48.47	29.01				1.5207	4A
48.47	30				3.2407	4B
48.47	80				0.5410	4B
48.47	82				0.5837	4B
48.47	88				0.7046	4B
48.47	123				0.8931	4A
48.47	131				0.5981	4A
48.47	135				0.9885	4A
48.47	138				1.0011	4A
48.47	140.01				0.6371	4B
49.10	103				0.5141	4A
					193.4857	
19.20	284				1.1878	4C
46.01	211				4.3358	4C
					5.5236	