EVALUATION / RECOMMENDATIONS

INTRODUCTION

The scope of this study has, up to this point, covered existing and potential recreation resources on the federal, state, local and private levels within the county. All four of these levels are part of the mix of recreational opportunities available to Fauquier residents and visitors. The following Recommendations focus in on the proposed measures Fauquier Parks and Recreation Department may take to create an improvement in its own field of responsibility as well as a supportive role that the Department may take with other agencies and private groups that have an impact upon recreation and open space.

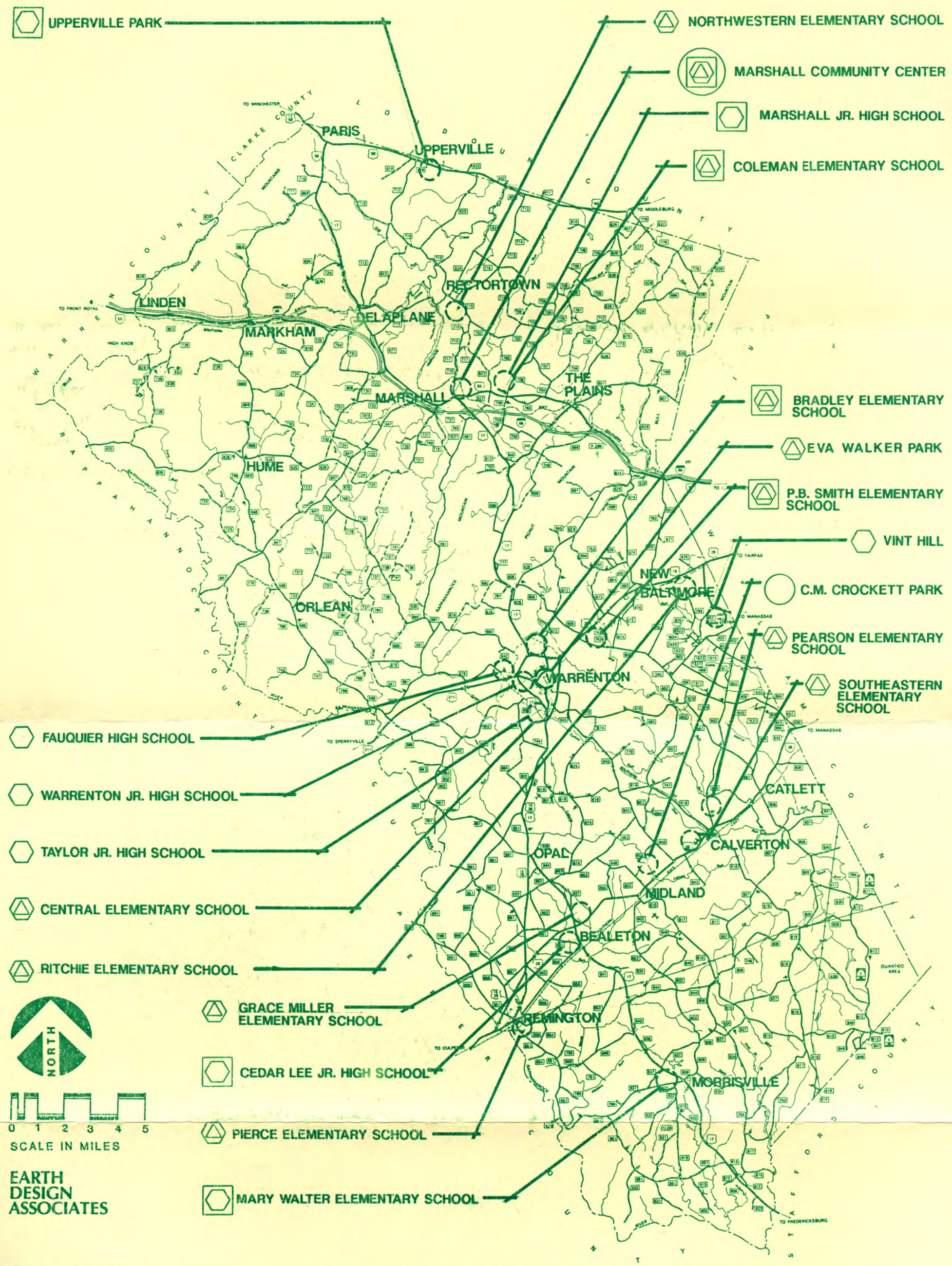
These Recommendations are subdivided into: Environmental Enhancement/ Protection, Facilities, Programs, and Operations and Administration.

Apart from Facility Recommendations, there is a certain degree of overlap in Recommendations. This is due to the fact that planning of parks, recreation and open space protection can be approached by many avenues.

A significant part of recreational services is the constant review and update process. This process will provide the framework for growth and change as follows:

- Annual parks board/staff/consultant update. By the end of each calendar year a review of the plan including all plan elements should take place at the direction of the Parks and Recreation Board to make note of any changes in existing conditions, needs, trends, funding, etc. Record should be made of what has been accomplished and the overall effectiveness of the plan.

- Five year survey/major plan update. Every five years, the plan should undergo a major update and a "new" plan created using an abbreviated and if necessary modified version of the process used to create the original plan. It is noted that the department must develop an effective and efficient survey to provide accurate, useful information. Prior to each five year plan update a new survey should be conducted which samples the county citizens to determine their preferences, recording changes from prior surveys. In addition to the elements of the original plan, an additional section should analyze and evaluate implementation and effectiveness of the facilities and programs over the past five years.



EXISTING POTENTIAL PARK SITES

PARKS, RECREATION AND OPEN SPACE COMPREHENSIVE PLAN, FAUQUIER COUNTY, VIRGINIA

POCKET PARK

COMMUNITY PARK

NEIGHBORHOOD PARK

DISTRICT PARK

ENVIRONMENTAL ENHANCEMENT/PROTECTION :

Critical Issues that need to be done.

- Protect sensitive environmental areas through receipt of easement, donations of land and piggy backing on existing wildlife reserves for compatible recreation uses.
- Acquire and manage lands around existing and proposed reservoirs for protection and multiple use.
- Recommend to appropriate planning agencies that planning for watersheds should include a buffer zone to protect them and the water supply.
- Acquire and/or manage threatened and critical environmental/historical areas.
- Support tax incentives to landowners who allow use of property for public recreational use or who give permanent land conservation easements.
- Preserve or promote the preservation of flood plain use in new and old developments for potential use as park land.
- Monitor and protect endangered species on county properties.
- Recommend creating an interagency coalition, including Parks and Recreation, Planning, Extension, Soil and Conservation Service, etc., for the planning, management, and protection of open space.
- Adopt environmental ethics for all operations of the Department to reduce consumption of natural resources and serve as an example for environmental preservation.
- Conduct a study further identifying important visual resources. Review existing visual analysis.
- Improve working relationship with County Planning Office to compile, analyze and disseminate data on natural, historical and cultural resources.
- Establish a registry of outdoor resources such as reserve wildlife areas, historic sites, ecological areas, scenic areas, and lands bordering streams, ponds, rivers and lakes.

Important, should be done.

- Participate in the preservation of scenic and natural resources in the county through the establishment of a county easement program and by conducting a study further identifying important visual resources. Review existing visual analysis.
- Accept and administer open space recreation easements.
- Wherever possible, locate dense or intensively developed recreational facilities within service districts.
- Support conservation, flood plains and agriculture zoning.
- A survey should be conducted which identifies rural roads for preservation. The

highest priority roads should receive a protected status. The county should lobby the Virginia Department of Transportation to establish a rural road category which sets standards allowing these roads to be improved without changing width and alignment or grading the adjacent areas, destroying mature trees, stone fences, etc., or changing the visual character of these corridors.

- Local money to be utilized first; then support the amendments to income tax laws so that all tax payers, not jus those with refunds, may use the "check-off" to contribute to the open space recreation and conservation fund. Similar to open space preservation programs in New England, support Fauquier Real Trust.

- Protect threatened historical properties through acquisition or easements.

- Establish a network of individuals and agencies that can be used to help the public with environmental issues through programs, hotline, articles, publications, etc.

Relevant, to be done if resources permit.

- Require visual impact assessment of all proposed developments in scenic areas.

- Support and facilitate the development of historic districts.

- Complete historical survey in the county and evaluate historic sites for recreational potential.

- Develop interpretive programs for historical sites.

- Following a comprehensive survey of historic sites, the Parks and Recreation Department should evaluate and classify them as follows:
  1. Sites for interpretation
  2. Sites for preservation
  3. Sites for acquisition

- Study further the concept of "bioreserve", which preserves the natural core, but extends environmental safeguards to surrounding areas for ecological soundness and sustainable development.

- Continue investigation of the feasibility of a tree ordinance.

- Consider establishment of a cultural and historical site preservation advisory committee to the Parks and Recreation Board.

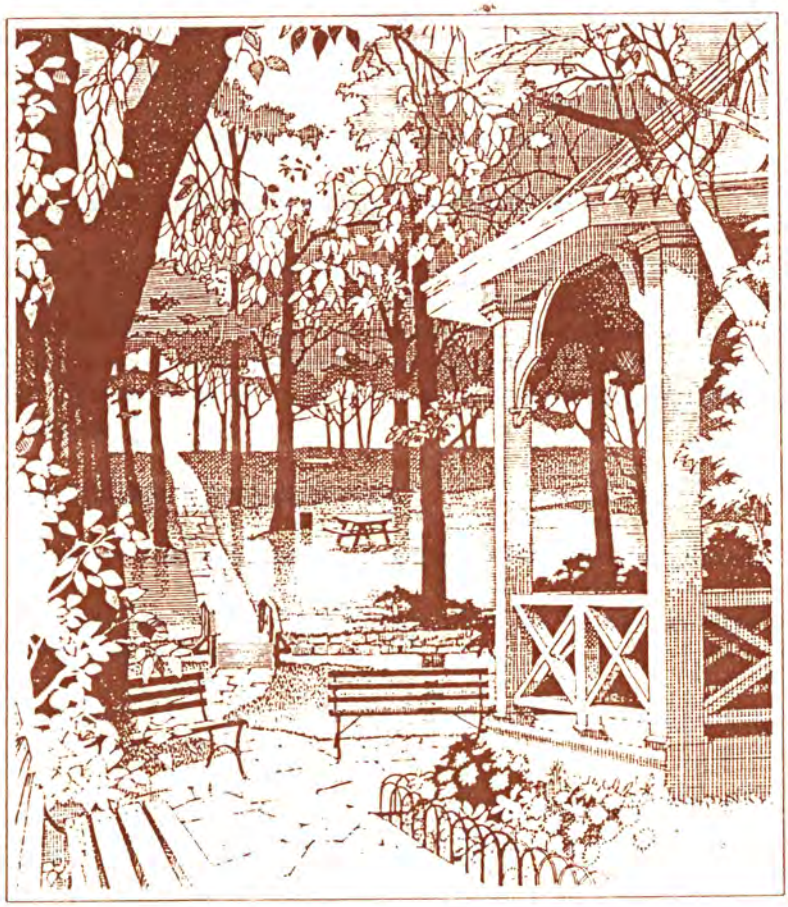
- Investigate the feasibility of creating heritage forest programs, community forests, etc.

Inventory and Classify Historic Sites as Follows:

1. **Sites for Interpretation**: In the establishment of programs for "history trails", etc., many sites within the county will be worthy of interpretation in the form of guides or maps. Many sites will also be the focus of special education programs of a more specific nature, i.e., country house tours.

2. **Sites for Preservation:** The Parks and Recreation Department should take a leadership role in the coordination and preservation efforts for County Government. In this role, sites which are worthy of preservation should be identified and a detailed plan for action put into place for when sites become threatened.

3. **Sites for acquisition:** These include areas of historic significance which should be acquired and used as park facilities either as a specialty historic park, or as part of a larger neighborhood, community, or district park.



Greenways and Trail System

The following map represents a first priority system of trails and greenways within the county which would have some sort of public access or control. This system would help protect access to many of the major open space and environmental resource features of the county and provide much needed open space connectors between the more densely developed areas, or they connect major historical sites and scenic areas. Ideally, all interconnected flood plains within the county would become a part of a greenways system which would connect virtually every part of the county, however, it is not necessary or feasible that all of this be part of a county park system. Certain critical areas such as watersheds for reservoirs must be tightly controlled by the county either through ownership or acquisition of development rights. Specific parks along the greenways should be owned and operated by the county where appropriate. Other methods of creating a greenways system will also come into play such as requiring developments to include greenways which would connect with school system and Parks & Recreation facilities. These include recreational easements in flood plains remaining in private ownership, scenic easements and setbacks from scenic rivers. However, greenways can include ridge tops as well as stream valleys and can be urban as well as rural. An important component will be trail easements across private property. The whole issue of private trails in the county, which are quite extensive, has not yet been addressed. An inventory should be made of this system and, where appropriate, private land owners should be encouraged to allow some amount of controlled public access to these trails.

Report of the Greenways Advisory Commission

In May of 1989, the Virginia Greenways Advisory Commission concluded a study and made a report that addressed greenways in great detail. The findings and the recommendations from this Commission are summarized in the following pages. The Fauquier County Department of Parks and Recreation should support and adopt these findings as a part of this study and recommendations for greenways in Fauquier.

<u>Critical Issues that need to be done</u>.

- Developments shall include greenway systems in their planning.
- Propose that VDOT include trail planning as part of right-of-ways, new construction, bridges, etc.
- Link local greenways into the major greenways proposed in the regional state greenways plan.
- Support changes in the Virginia tax laws that would give landowners tax deductions for improvements made on land to accommodate public recreation.
- Recommend building canoe access points with new bridges at appropriate locations.
- Recommend greenways/trails underpasses or overpasses at improved four lane highways.
- Acquire and/or manage recreational oriented open space primarily as greenways and abandoned rail lines.
- An inventory should be made of the greenway and trail system and, where

appropriate, private land owners should be encouraged to allow some amount of controlled public access to these trails.

- Monitor opportunity to act on greenways and right of ways through acquisition or easements.

- Recommend that greenways be built in conjunction with new construction.

Important Issues that should be done.

- Adopt a county-wide Greenways plan.

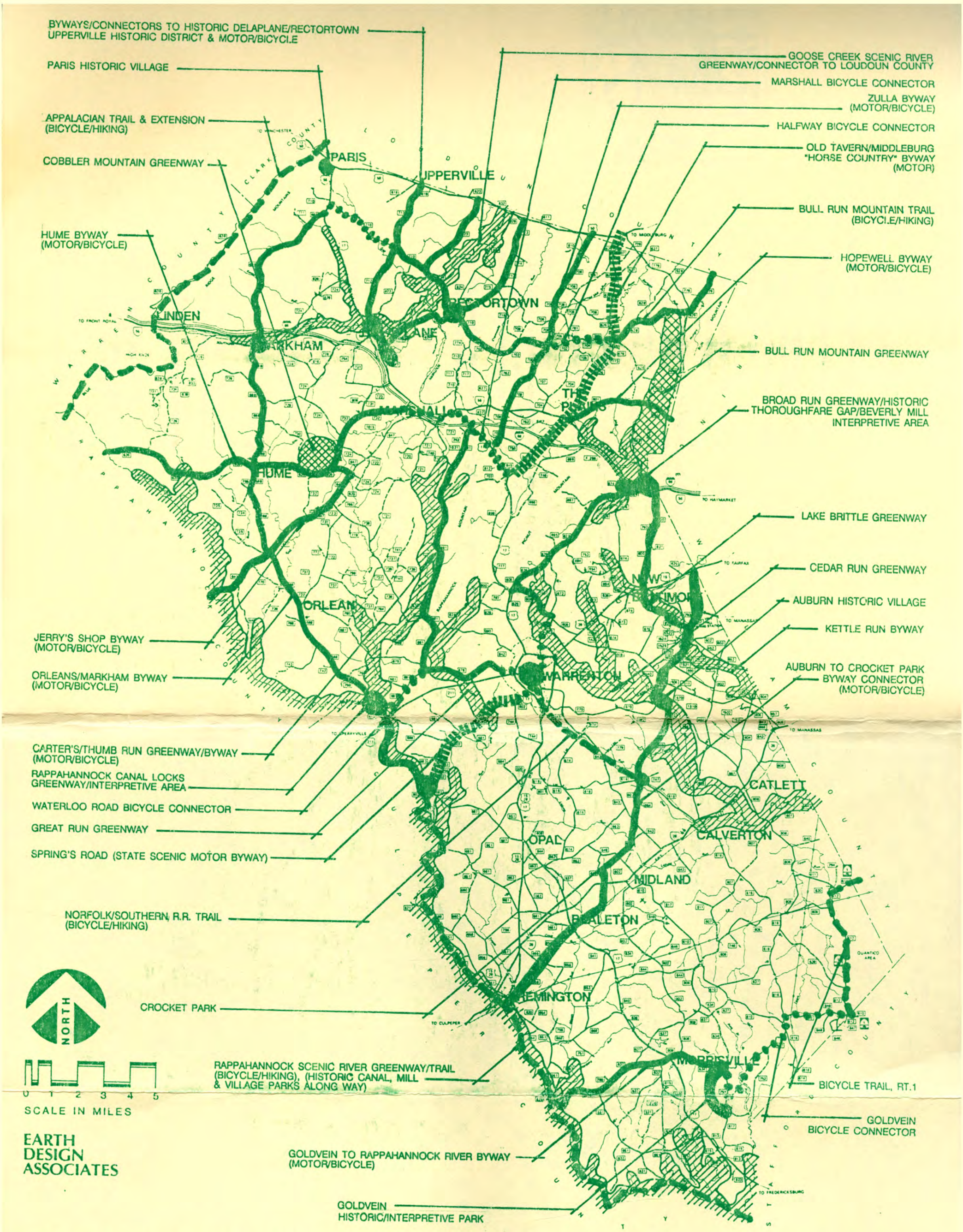
- Support creation of cooperative agreements for cross jurisdictional greenways.

- Support any ordinance prohibiting structures or permanent obstructions from being built across former railroad right-of-ways that have greemway potential to leave future options open should right-of-ways become available.

- Support changes in the land-owner liability law to limit the liability of the landowner who donates the recreation easement across the property.

- Pursue agreement with utility companies for right of way uses.

- Support requirement for developers to plan for and include recreational spaces and outdoor amenities in capital projects, according to the needs addressed in this plan with particular attention to connecting their projects to others through greenways.



TARGETED GREENWAYS / TRAIL SYSTEM

PARKS, RECREATION AND OPEN SPACE COMPREHENSIVE PLAN, FAUQUIER COUNTY, VIRGINIA

- MOTOR BYWAY
- MOTOR / BICYCLE BYWAY
- VILLAGE
- BYWAY / GREENWAY
- BICYCLE CONNECTOR
- BICYCLE / HIKING TRAIL
- GREENWAY

FACILITY RECOMMENDATIONS:

General Facility Recommendations:

Critical Issues that need to be done.

- Concentrate intensively developed recreational facilities in or adjacent to service districts or existing or proposed schools to lessen the expense of development, operations and maintenance, making them more convenient to users and preserving open space.
- Accept donations of real property and easements that address the needs and capabilities of the plan.
- Support requirement that developers plan for and include recreational spaces and outdoor amenities as part of the land development program, according to the needs addressed in this Plan with particular attention to connecting their projects to others through greenways.
- Adapt existing facilities to allow access to people with disabilities.
- Where practical, design/adapt facilities to allow for multiple recreational uses.
- Work with the county school board in the planning and acquisition of future school sites, as well as existing facilities, assuring adequate recreational shared space, both interior and exterior, which will serve both the school community and the community at large.
- Acquire and/or manage recreational oriented open space such as greenways and abandoned rail lines.
- Ensure the protection of threatened historical properties.
- Acquire and manage lands around existing and proposed reservoirs, including District Park sites.
- Optimize the use of existing recreational facilities prior to developing new sites.
- Take a pro-active position in park land acquisition.
- Acquire land to initiate interconnecting system of corridors and greenways.
- Develop cooperative agreement utilizing federal and state owned land adjacent to smaller parcels as they address the needs and capabilities of the plan.
- Recommend consultation with parks and Rec for planning of school facilities with flexible space for recreation and community use.
- Buy land next to schools designated as community or district parks, where feasible.
- Review existing statutes, policies, regulations and practices to assure that impediments be removed to allow public recreation on private land to encourage private sector recreation.
- Request Planning Department establish a database and map common and noncommon open space set aside.

- Recommend that an endowment fund accompany all land/structure donations.

- Develop a plan for systematic renovation or replacement of existing recreational facilities.

- Promote facilities/events as part of the tourism market and coordinate efforts to increase the economic benefit to the County to be received from these efforts.

- Recommend establishment of a mechanism for assuring maintenance of privately provided neighborhood and pocket parks.

- Complete site plans for all facilities to guide development for the most efficient use of resources.

- Recommend establishing guidelines for proffers including facility development standards, construction timelines, bonding, cooperative ties between homeowners' associations, etc.

- Emphasize flexibility/multiple-use in facility design for both future needs and open space value.

- Develop a maintenance manual.

- Develop resource management plans for all facilities.

- Complete an inventory of recreational facilities provided by churches, as they play a vital role in Fauquier County recreation.

- Require new developments to absorb initial cost and maintenance for meeting parks and recreation open space needs of that development.

- Mandate minimum open space preservation in planning for each park type:

District	25%
Community	20%
Neighborhood	15%
Pocket	10%

- Coordinate planning with all towns located in Fauquier County.

- Locate dense or intensely developed recreational facilities adjacent to service districts.

<u>Important Issues that should be done</u>.

- Preserve flood plain lands in new developments, acquiring easements for trails.

- Support flood plain use as park land.

- Develop new trails in the county.

- Promote legislation for right of first refusal, land acquisition and rail banking of abandoned rail lines.

- Investigate creation of new easement possibilities to preserve aesthetic, ecological, historical, and cultural resources.

- Create a resource development team that can institute a planned giving program and other methods for addressing the goals herein and provide a future-focused resource improvement program; create a park foundation to open up avenues to grants in the nonprofit community.

- Coordinate planning efforts more with adjacent jurisdictions for more accurate demand evaluation and possible cooperation on projects that may serve both areas.

Relevant Issues, if resources permit

- Establish viewing areas at scenic overlooks. Propose sites to V.D.O.T or viewing areas along Byways.

- Accept/acquire/manage wildlife areas where appropriate.

- Plan recreational facilities for school programs where consistent.

- Establish a registry of outdoor resources such as reserve wildlife areas, historic sites, ecological areas, scenic areas and lands bordering streams, rivers and lakes.

DETERMINING SPECIFIC FACILITY NEEDS/SUMMARY SHEETS

The following summary sheets illustrate the surplus or deficiencies of recreational activity spaces in the county for each of the projected population levels based on standards. These deficiencies/surpluses were determined on a district by district basis summarized for the whole county and used to make the specific facility recommendations which follow the summary sheets.

SUMMARY SHEET - ACTIVITY SPACE REQUIREMENTS
COUNTY WIDE REQUIREMENTS (Based on 1989 Figures)

ACTIVITY SPACE	EXISTING	52,000 LEVEL	65,500 LEVEL	84,000 LEVEL
Picnic Tables	61.0	130	164	210
Play Apparatus Area	19.0	52	65	84
Picnic Shelters	6.5	7	9	11
Muiti Purpose Field	25.0	17	22	28
Multi Purpose Court	0.0	17	22	28
Soccer Field	2.0	17	22	28
Tennis Courts	24.0	26	33	42
Multi Purpose Space (TV/Video/Gathering Place)	1.0	13	16	21
Baseball Field	23.0	26	33	42
Basketball Court	14.0	10	13	17
Classroom (Computing/Electronics)	507.0	52	66	84
Horseshoe Lanes	1.5	10	13	17
Studio (Graphics/Painting, etc.)	2.5	13	16	21
Volleyball Court	4.0	10	13	17
Football Field	2.0	7	8	11
Fitness Room	3.5	7	8	11
Softball Field	12.0	13	16	21
Racquetball/Squash	1.0	5	7	8
Amphitheater (Small)	1.0	5	7	8
Swimming Pool (Jr.)	8.0	5	7	8
Roller Skating (Outdoor)	0.0	5	7	8
Activity Room (Board Games, etc.)	3.0	10	13	17
Movie Theater	1.0	5	7	8
Auditorium/Stage	17.0	3	4	5
Swimming Pool (Sr.)	0.0	3	3	4
Aerial Activity (100'x100' Space)	0.0	3	3	4
Badminton Court	0.0	2	3	3
Batting Cage	0.0	2	3	3
Bowling Alley	1.0	2	3	3
Community Center	0.0	2	3	3
Demo/Multi Purpose Space (Arts/Crafts)	1.0	2	3	3
Driving Range	0.5	2	3	3
Frisbee Course	0.0	2	3	3
Golf Course	0.5	2	3	3
Greenhouse/Garden Plot	2.0	2	3	3
Gymnasium	12.5	2	3	3
Gymnasium (w/Bleachers)	0.0	1	1	2
Kitchen	23.0	3	4	6
Library	17.0	2	3	3
Shuffleboard	0.0	2	3	3
Track Facilities	2.0	2	3	3
Field Hockey Field	1.5	2	2	3
Stadium	0.0	1	2	2
Air Field (Flying)	0.5	1	1	2
Amphitheater (Large)	0.0	1	1	2
Arboretum	0.0	1	1	2
Archery Range	0.5	1	1	2
Bocce Court	0.0	1	1	2
Croquet Field	1.5	1	1	2
Equestrian Complex	0.0	1	1	2
Roller Skating Rink (Indoor)	0.5	1	1	2
LaCrosse Field	0.0	1	1	2
Miniature Golf Course	0.0	1	1	2
Museum (Historic)	1.0	1	1	2
Nature Center	1.0	1	1	2
Overnight Retreat Center	0.5	1	1	2
Photography Darkroom	0.0	1	1	2
Rugby Field	0.0	1	1	2
Shooting Range	1.5	1	1	2
Skateboard Ramp	0.0	1	1	2
BMX Track	0.0	1	1	1
Ski Trails (Cross Country/Downhill)	0.0	5.20MI	6.55MI	8.40MI
Interpretive Nature Trails	6.5	13.00MI	16.38MI	21.00MI
Bicycle Trails	0.0	52.00MI	65.50MI	84.00MI
Fitness Trails (Jogging/Walking)	3.0	52.00MI	65.50MI	84.00MI
Mountain Biking	0.0	5.20MI	6.55MI	8.40MI
Hiking Trails	15.0	104.00MI	131.00MI	168.00MI
Horseback Riding	18.25	104.00MI	131.00MI	168.00MI
Water Sports (Streams)	0.0	62.40AP/260.00MI	78.60AP/327.50MI	100.80AP/420.00MI
Campgrounds	0.0	260.00	AC327.50AC	420.00AC
Water Sports (Reservoir/Lake)	0.0	702.00AC	884.25AC	1,134.00AC

*Parentheses ( ) indicate a surplus

SUMMARY SHEET - ACTIVITY SPACE REQUIREMENTS
COUNTY WIDE DEFICIENCIES (Based on 1989 Figures)

ACTIVITY SPACE	EXISTING	52,000 LEVEL	65,500 LEVEL	84,000 LEVEL
Picnic Tables	61.0	70.98	102.99	140.00
Play Apparatus Area	19.0	32.98	44.40	63.62
Picnic Shelters	6.5	.47	2.48	4.45
Multi Purpose Field	25.0	(8.93)	(3.02)	2.83
Multi Purpose Court	0.0	17.01	22.01	28.00
Soccer Field	2.0	14.97	19.98	25.97
Tennis Courts	24.0	1.97	8.92	17.98
Multi Purpose Space (TV/Video/Gathering Place)	1.0	12.51	15.82	20.90
Baseball Field	23.0	2.97	8.51	17.62
Basketball Court	14.0	(4.0)	(1.03)	2.97
Classroom (Computing/Electronics)	507.0	(455.08)	(441.16)	(423.02)
Horseshoe Lanes	1.5	8.50	11.21	15.47
Studio (Graphics/Painting, etc.)	2.5	11.09	14.40	19.54
Volleyball Court	4.0	6.00	8.97	12.97
Football Field	2.0	4.97	5.97	8.96
Fitness Room	3.5	3.47	4.47	7.46
Softball Field	12.0	.96	3.98	8.97
Racquetball/Squash	1.0	3.99	5.97	6.97
Amphitheater (Small)	1.0	3.99	5.97	6.97
Swimming Pool (Jr.)	8.0	(2.50)	(.52)	.82
Roller Skating (Outdoor)	0.0	4.99	6.97	7.97
Activity Room (Board Games, etc.)	3.0	7.00	9.98	13.98
Movie Theater	1.0	3.99	5.97	6.97
Auditorium/Stage	17.0	(13.03)	(12.01)	(11.03)
Swimming Pool (Sr.)	0.0	2.75	3.14	4.13
Aerial Activity (100'x100' Space)	0.0	2.97	3.14	4.13
Badminton Court	0.0	2.00	3.13	3.15
Batting Cage	0.0	1.97	3.13	3.13
Bowling Alley	1.0	97	2.13	2.13
Community Center	0.0	1.97	3.13	3.13
Demo/Multi Purpose Space (Arts/Crafts)	1.0	.97	2.13	2.13
Driving Range	0.5	1.47	2.63	2.63
Frisbee Course	0.0	1.97	3.13	3.13
Golf Course	0.5	1.47	2.63	2.63
Greenhouse/Garden Plot	2.0	0.00	1.13	1.13
Gymnasium	12.5	(10.53)	(9.37)	(9.37)
Gymnasium (w/Bleachers)	0.0	.97	1.04	1.97
Kitchen	23.0	(20.03)	(19.03)	(17.10)
Library	17.0	(15.03)	(12.03)	(12.03)
Shuffleboard	0.0	1.97	2.97	2.97
Track Facilities	2.0	(.03)	.95	.97
Field Hockey Field	1.5	.47	.68	1.47
Stadium	0.0	.95	1.97	1.99
Air Field (Flying)	0.5	(.45)	(.45)	1.48
Amphitheater (Large)	0.0	.95	.95	1.97
Arboretum	0.0	.95	.95	1.97
Archery Range	0.5	.45	.45	1.47
Bocce Court	0.0	.81	.88	1.64
Croquet Field	0.0	.97	1.04	1.97
Equestrian Complex	1.5	(.53)	(.46)	.47
Roller Skating Rink (Indoor)	0.5	.31	.51	.99
LaCrosse Field	0.0	.74	.97	1.97
Miniature Golf Course	0.0	.97	.97	.36
Museum (Historic)	0.0	.97	.97	1.97
Nature Center	1.0	(.03)	(.03)	.97
Overnight Retreat Center	0.5	.47	.47	1.47
Photography Darkroom	0.0	.97	.97	1.97
Rugby Field	0.0	.97	97	1.97
Shooting Range	1.5	(.53)	(.53)	(.01)
Skateboard Ramp	0.0	.97	.97	1.97
BMX Track	0.0	97	.97	.97
Ski Trails (Cross Country/Downhill)	0.0	5.15 MI	6.52 MI	8.37 MI
Interpretive Nature Trails	6.5	7.47 MI	10.82 MI	15.47 MI
Bicycle Trails	0.0	51.96 MI	65.45 MI	83.98 MI
Fitness Trails (Jogging/Walking)	3.0	48.96 MI	62.45 MI	80.98 MI
Mountain Biking	0.0	5.20 MI	6.55 MI	8.90 MI
Hiking Trails	15.0	88.97 MI	115.97 MI	152.97 MI
Horseback Riding	18.25	85.75 MI	112.72 MI	149.73 MI
Water Sports (Streams)	0.0	43.28 AP/259.96 MI	54.48 AP/327.52 MI	70.00 AP/420.16 MI
Campgrounds	0.0	259.96 AC	330.89 AC	438.90 AC
Water Sports (Reservoir/Lake)	0.0	702.27 AC	884.23 AC	1,133.97 AC

*Parentheses ( ) indicate a surplus

NOTE: These deficiencies were determined by a simple addition of the deficiencies of all of the Districts.

SUMMARY SHEET - ACTIVITY SPACE DEFICIENCIES
SCOTT MAGISTERIAL DISTRICT (Based on 1989 Figures)

ACTIVITY SPACE	EXISTING	52,000 LEVEL	65,500 LEVEL	84,000 LEVEL
Picnic Tables	4.0	17.32	22.90	30.44
Play Apparatus Area	1.0	7.53	9.66	13.78
Picnic Shelters	1.5	(.35)	(.02)	.30
Multi Purpose Field	5.5	(2.71)	(1.89)	(.91)
Multi Purpose Court	0.0	2.79	3.61	4.59
Soccer Field	0.0	2.79	3.61	4.59
Tennis Courts	2.0	2.26	3.41	4.89
Multi Purpose Space (TV/Video)	0.0	2.13	2.62	3.44
Baseball Field	1.0	3.26	4.41	6.89
Basketball Court	3.0	(1.36)	(.87)	(.21)
Classroom (Computing/Electronics)	74.0	(65.47)	(63.18)	(60.22)
Horseshoe Lanes	0.0	1.64	2.13	2.79
Studio (Graphics/Painting, etc.)	0.0	2.13	2.62	3.44
Volleyball Court	0.0	1.64	2.13	2.79
Football Field	0.0	1.15	1.31	1.80
Fitness Room	0.0	1.15	1.31	1.80
Softball Field	2.0	.13	.62	1.44
Racquetball/Squash	0.0	.82	1.15	1.31
Amphitheater (Small)	0.0	.82	1.15	1.31
Swimming Pool (Jr.)	0.0	.82	1.15	1.31
Roller Skating (Outdoor)	0.0	.82	1.15	1.31
Activity Room (Board Games, etc.)	0.0	1.64	2.13	2.79
Movie Theater	0.0	.82	1.15	1.31
Auditorium/Stage	1.0	(.51)	(.34)	(.18)
Swimming Pool (Sr.)	0.0	.49	.66	.82
Aerial Activity (100'x100' Space)	0.0	.49	.66	.82
Badminton Court	0.0	.33	.49	.49
Batting Cage	0.0	.33	.49	.49
Bowling Alley	0.0	.33	.49	.49
Community Center	0.0	.33	.49	.49
Demo/Multi Purpose Space (Arts/Crafts)	0.0	.33	.49	.49
Driving Range	0.0	.33	.49	.49
Frisbee Course	0.0	.33	.49	.49
Golf Course	0.0	.33	.49	.49
Greenhouse/Garden Plot	0.0	.33	.49	.49
Gymnasium	1.0	(.67)	(.51)	(.51)
Gymnasium (w/Bleachers)	0.0	.16	.16	.33
Kitchen	1.0	(.51)	(.34)	(.02)
Library	3.0	(2.67)	(.51)	(.51)
Shuffleboard	0.0	.33	.49	.49
Track Facilities	0.0	.33	.49	.49
Field Hockey Field	0.0	.33	.49	.49
Stadium	0.0	.16	.33	.33
Air Field (Flying)	0.0	.16	.16	.33
Amphitheater (Large)	0.0	.16	.16	.33
Arboretum	0.0	.16	.16	.33
Archery Range	0.0	.16	.16	.33
Bocce Court	0.0	.16	.16	.33
Croquet Field	0.0	.16	.16	.33
Equestrian Complex	0.5	(.34)	(.34)	(.17)
Roller Skating Rink (Indoor)	0.0	.16	.16	.33
LaCrosse Field	0.0	.16	.16	.33
Miniature Golf Course	0.0	.16	.16	.33
Museum (Historic)	0.0	.16	.16	.33
Nature Center	0.0	.16	.16	.33
Overnight Retreat Center	0.0	.16	.16	.33
Photography Darkroom	0.0	.16	.16	.33
Rugby Field	0.0	.16	.16	.33
Shooting Range	0.0	.16	.16	.33
Skateboard Ramp	0.0	.16	.16	.33
BMX Track	0.0	.16	.16	.16
Ski Trails (Cross Country/Downhill)	0.0	.85MI	1.07MI	1.38MI
Interpretive Nature Trails	0.0	2.13MI	2.67MI	3.44MI
Bicycle Trails	0.0	8.52MI	10.74MI	13.78MI
Fitness Trails (Jogging/Walking)	0.0	8.52MI	10.74MI	13.78MI
Mountain Biking	0.0	.85MI	1.07MI	1.38MI
Hiking Trails	3.0	14.06MI	18.48MI	24.55MI
Horseback Riding	0.0	17.06MI	21.48MI	27.55MI
Water Sports (Streams)	0.0	42.60MI/ 7.10AP	53.70MI/ 8.93AP	68.90MI/ 11.48AP
Campgrounds	0.0	42.60AC	53.71AC	68.88AC
Water Sports (Reservoir/Lake)	0.0	115.13AC	145.02AC	185.98AC

*Parentheses ( ) indicate a surplus.

SUMMARY SHEET - ACTIVITY SPACE DEFICIENCIES
NEW BALTIMORE SERVICE DISTRICT (Based on 1989 Figures)

ACTIVITY SPACE	EXISTING	52,000 LEVEL	65,500 LEVEL	84,000 LEVEL
Picnic Tables	0.0	10.14	12.79	16.38
Play Apparatus Area	2.0	2.05	3.07	4.55
Picnic Shelters	0.0	.54	70	.85
Multi Purpose Field	3.0	(1.68)	(1.29)	(.82)
Multi Purpose Court	0.0	1.33	1.72	2.18
Soccer Field	0.0	1.32	1.71	2.18
Tennis Courts	0.0	2.02	2.57	3.27
Multi Purpose Space (TV/Video)	0.0	1.01	1.28	1.63
Baseball Field	3.0	(.97)	(.43)	.27
Basketball Court	2.0	(1.22)	(.99)	(.68)
Classroom (Computing/Electronics)	64.0	(59.95)	(58.86)	(57.45)
Horseshoe Lanes	0.0	.78	1.01	1.32
Studio (Graphics/Painting, etc.)	0.0	1.01	1.24	1.63
Volleyball Court	0.0	.78	1.01	1.32
Football Field	0.0	.54	.62	.85
Fitness Room	0.0	.54	.62	.85
Softball Field	0.0	1.01	1.24	1.63
Racquetball/Squash	0.0	.39	54	.62
Amphitheater (Small)	0.0	.39	.54	.62
Swimming Pool (Jr.)	0.0	.39	.54	.62
Roller Skating (Outdoor)	0.0	.39	.54	.62
Activity Room (Board Games, etc.)	0.0	.78	1.01	1.32
Movie Theater	0.0	.39	.54	.62
Auditorium/Stage	3.0	(2.77)	(2.69)	(2.61)
Swimming Pool (Sr.)	0.0	.23	.23	.31
Aerial Activity (100'x100' Space)	0.0	.23	.23	.31
Badminton Court	0.0	.15	.23	.23
Batting Cage	0.0	.15	.23	.23
Bowling Alley	0.0	.15	.23	.23
Community Center	0.0	.15	.23	.23
Demo/Multi Purpose Space (Arts/Crafts)	0.0	.15	.23	.23
Driving Range	0.0	.15	.23	.23
Frisbee Course	0.0	.15	.23	.23
Golf Course	0.0	.15	.23	.23
Greenhouse/Garden Plot	0.0	.15	.23	.23
Gymnasium	1.5	(1.35)	(1.27)	(1.27)
Gymnasium (w/Bleachers)	0.0	.07	.07	.15
Kitchen	2.50	(2.27)	(2.19)	(2.04)
Library	2.0	(1.85)	(1.77)	(1.77)
Shuffleboard	0.0	.15	.23	.23
Track Facilities	0.0	.15	.23	.23
Field Hockey Field	0.0	.15	.15	.23
Stadium	0.0	.07	.15	.15
Air Field (Flying)	0.0	.07	.07	.15
Amphitheater (Large)	0.0	.07	.07	.15
Arboretum	0.0	.07	.07	.15
Archery Range	0.0	.07	.07	.15
Bocce Court	0.0	.07	.07	.15
Croquet Field	0.0	.07	.07	.15
Equestrian Complex	0.0	.07	.07	15
Roller Skating Rink (Indoor)	0.0	.07	.07	.15
LaCrosse Field	0.0	.07	.07	.15
Miniature Golf Course	0.0	.07	.07	.15
Museum (Historic)	0.0	.07	.07	.15
Nature Center	0.0	.07	.07	.15
Overnight Retreat Center *	0.0	.07	.07	.15
Photography Darkroom	0.0	.07	.07	.15
Rugby Field	0.0	.07	.07	.15
Shooting Range	0.0	.07	.07	.15
Skateboard Ramp	0.0	.07	.07	.15
BMX Track	0.0	.07	.07	.07
Ski Trails (Cross Country/Downhill)	0.0	.40MI	.51MI	.65MI
Interpretive Nature Trails	0.0	1.01MI	1.27MI	1.63MI
Bicycle Trails	0.0	4.05MI	5.10MI	6.55MI
Fitness Trails (Jogging/Walking)	0.0	4.05MI	5.10MI	6.55MI
Mountain Biking	0.0	4.41MI	5.51MI	6.66MI
Hiking Trails	0.0	8.11MI	10.21MI	13.10MI
Horseback Riding	0.0	8.11MI	10.21MI	13.10MI
Water Sports (Streams)	0.0	3.37AP/ 20.28MI	4.25AP/ 25.55MI	5.46AP/ 32.76MI
Campgrounds	0.0	20.28AC	25.54AC	32.76AC
Water Sports (Reservoir/Lake)	0.0	54.75AC	68.97AC	88.45AC

*Parentheses ( ) indicate a surplus.

SUMMARY SHEET - ACTIVITY SPACE DEFICIENCIES
WARRENTON SERVICE DISTRICT (Based on 1989 Figures)

ACTIVITY SPACE	EXISTING	52,000 LEVEL	65,500 LEVEL	84,000 LEVEL
Picnic Tables	0.0	14.30	18.04	23.10
Play Apparatus Area	0.0	5.72	7.15	9.24
Picnic Shelters	0.0	.77	.99	1.21
Multi Purpose Field	1.0	.87	1.42	2.08
Multi Purpose Court	0.0	1.87	2.42	3.08
Soccer Field	0.0	1.87	2.42	3.08
Tennis Courts	5.0	(2.14)	(1.37)	(.38)
Multi Purpose Space (TV/Video)	0.0	1.43	1.76	2.31
Baseball Field	0.0	2.86	3.63	4.62
Basketball Court	0.0	1.10	1.43	1.87
Classroom (Computing/Electronics)	0.0	5.72	7.26	9.24
Horseshoe Lanes	0.0	1.10	1.43	1.87
Studio (Graphics/Painting, etc.)	0.0	1.43	1.76	2.31
Volleyball Court	0.0	1.10	1.43	1.87
Football Field	0.0	.77	.88	1.21
Fitness Room	0.0	.77	.88	1.21
Softball Field	0.0	1.43	1.76	2.31
Racquetball/Squash	1.0	(.45)	(.23)	(.12)
Amphitheater (Small)	0.0	.55	.77	.88
Swimming Pool (Jr.)	1.5	(.95)	(.73)	(.62)
Roller Skating (Outdoor)	0.0	.55	.77	.88
Activity Room (Board Games, etc.)	0.5	.60	.93	1.37
Movie Theater	0.0	.55	.77	.88
Auditorium/Stage	0.0	.33	.44	.55
Swimming Pool (Sr.)	0.0	.33	.33	.44
Aerial Activity (100'x100' Space)	0.0	.33	.33	.44
Badminton Court	0.0	.22	.33	.33
Batting Cage	0.0	.22	.33	.33
Bowling Alley	0.0	.22	.33	.33
Community Center	0.0	.22	.33	.33
Demo/Multi Purpose Space (Arts/Crafts)	0.0	.22	.33	.33
Driving Range	0.0	.22	.33	.33
Frisbee Course	0.0	.22	.33	.33
Golf Course	0.0	.22	.33	.33
Greenhouse/Garden Plot	0.0	.22	.33	.33
Gymnasium	0.0	.22	.33	.33
Gymnasium (w/Bleachers)	0.0	.11	.11	.22
Kitchen	0.0	.33	.44	.66
Library	0.0	.22	.33	.33
Shuffleboard	0.0	.22	.33	.33
Track Facilities	0.0	.22	.33	.33
Field Hockey Field	0.0	.22	.22	.33
Stadium	0.0	.11	.22	.22
Air Field (Flying)	0.0	.11	.11	.22
Amphitheater (Large)	0.0	.11	.11	.22
Arboretum	0.0	.11	.11	.22
Archery Range	0.0	.11	.11	.22
Bocce Court	0.0	.11	.11	.22
Croquet Field	0.0	.11	.11	.22
Equestrian Complex	0.0	.11	.11	.22
Roller Skating Rink (Indoor)	0.0	.11	.11	.22
LaCrosse Field	0.0	.11	.11	.22
Miniature Golf Course	0.0	.11	.11	.22
Museum (Historic)	0.0	.11	.11	.22
Nature Center	0.0	.11	.11	.22
Overnight Retreat Center	0.0	.11	.11	.22
Photography Darkroom	0.0	.11	.11	.22
Rugby Field	0.0	.11	.11	.22
Shooting Range	0.0	.11	.11	.22
Skateboard Ramp	0.0	.11	.11	.22
BMX Track	0.0	.11	.11	.11
Ski Trails (Cross Country/Downhill)	0.0	.57MI	.72MI	.92MI
Interpretive Nature Trails	0.0	1.43MI	1.80MI	2.31MI
Bicycle Trails	0.0	5.72MI	7.20MI	9.24MI
Fitness Trails (Jogging/Walking)	0.0	5.72MI	7.20MI	9.24MI
Mountain Biking	0.0	.57MI	.72MI	.92MI
Hiking Trails	0.0	11.44MI	14.41MI	18.48MI
Horseback Riding	0.0	11.44MI	14.41MI	18.48MI
Water Sports (Streams)	0.0	4.76AP/ 28.60MI	6.00AP/ 36.03MI	7.70AP/ 46.20MI
Campgrounds	0.0	28.60AC	36.02AC	46.20AC
Water Sports (Reservoir/Lake)	0.0	77.22AC	97.26AC	124.74AC

*Parentheses ( ) indicate a surplus

SUMMARY SHEET - ACTIVITY SPACE DEFICIENCIES
TOWN OF WARRENTON (Based on 1989 Figures)

ACTIVITY SPACE	EXISTING	52,000 LEVEL	65,500 LEVEL	84,000 LEVEL
Picnic Tables	6.0	2.58	4.82	7.86
Play Apparatus Area	6.0	(2.57)	(1.71)	(.46)
Picnic Shelters	0.0	.46	.59	.72
Multi Purpose Field	7.5	(6.38)	(6.05)	(5.66)
Multi Purpose Court	0.0	1.12	1.45	1.85
Soccer Field	2.0	(.88)	(.55)	(.16)
Tennis Courts	11.5	(9.79)	(9.38)	(8.73)
Multi Purpose Space (TV/Video)	0.0	.85	1.05	1.38
Baseball Field	5.0	(3.29)	(2.83)	(2.23)
Basketball Court	6.5	(5.84)	(5.65)	(5.38)
Classroom (Computing/Electronics)	209.0	(205.57)	(204.65)	(203.46)
Horseshoe Lanes	0.0	.66	.85	1.12
Studio (Graphics/Painting, etc.)	1.5	(.65)	(.45)	(.12)
Volleyball Court	1.0	(.34)	(.15)	.12
Football Field	2.0	(1.54)	(1.48)	(1.28)
Fitness Room	2.5	(2.04)	(1.98)	(1.78)
Softball Field	3.5	(2.65)	(2.45)	(2.12)
Racquetball/Squash	0.0	.33	.46	.52
Amphitheater (Small)	0.0	.33	.46	.52
Swimming Pool (Jr.)	1.0	(.67)	(.54)	(.48)
Roller Skating (Outdoor)	0.0	.33	.46	.52
Activity Room (Board Games, etc.)	0.5	.16	.35	.62
Movie Theater	0.0	.33	.46	.52
Auditorium/Stage	4.5	(4.31)	(4.24)	(4.17)
Swimming Pool (Sr.)	0.0	.19	.19	.26
Aerial Activity (100'x100' Space)	0.0	.19	.19	.26
Badminton Court	0.0	.13	.19	.19
Batting Cage	0.0	.13	.19	.19
Bowling Alley	0.0	.13	.19	.19
Community Center	0.0	.13	.19	.19
Demo/Multi Purpose Space (Arts/Crafts)	0.5	(.37)	(.31)	(.31)
Driving Range	0.0	.13	.19	.19
Frisbee Course	0.0	.13	.19	.19
Golf Course	0.0	.13	.19	.19
Greenhouse/Garden Plot	1.0	(.87)	(.81)	(.81)
Gymnasium	6.0	(5.87)	(5.81)	(5.81)
Gymnasium (w/Bleachers)	0.0	.06	.06	.13
Kitchen	8.5	(8.31)	(8.24)	(8.11)
Library	6.0	(5.87)	(5.81)	(5.81)
Shuffleboard	0.0	.13	.19	.19
Track Facilities	2.0	(1.87)	(1.81)	(1.81)
Field Hockey Field	1.5	(1.37)	(1.37)	(1.31)
Stadium	0.0	.06	.13	.13
Air Field (Flying)	0.0	.06	.06	.13
Amphitheater (Large)	0.0	.06	.06	.13
Arboretum	0.0	.06	.06	.13
Archery Range	0.0	.06	.06	.13
Bocce Court	0.0	.06	.06*	.13
Croquet Field	0.0	.06	.06	.13
Equestrian Complex	0.5	(.44)	(.44)	(.37)
Roller Skating Rink (Indoor)	0.0	.06	.06	.13
LaCrosse Field	0.0	.06	.06	.13
Miniature Golf Course	0.0	.06	.06	.13
Museum (Historic)	0.0	.06	.06	.13
Nature Center	1.0	(.94)	(.94)	(.87)
Overnight Retreat Center	0.0	.06	.06	.13
Photography Darkroom	0.0	.06	.06	.13
Rugby Field	0.0	.06	.06	.13
Shooting Range	0.0	.06	.06	.13
Skateboard Ramp	0.0	.06	.06	.13
BMX Track	0.0	.06	.06	.06
Ski Trails (Cross Country/Downhill)	0.0	.34MI	.43MI	.55MI
Interpretive Nature Trails	1.0MI	.85MI	1.08MI	1.38MI
Bicycle Trails	0.0	3.43MI	4.32MI	5.54MI
Fitness Trails (Jogging/Walking)	0.0	3.43MI	4.32MI	5.54MI
Mountain Biking	0.0	.34MI	.43MI	.55MI
Hiking Trails	0.0	6.86MI	8.64MI	11.08MI
Horseback Riding	0.0	6.86MI	8.64MI	11.08MI
Water Sports (Streams)	0.0	2.86AP/ 17.16MI	3.60AP/ 21.62MI	4.62AP/ 27.72MI
Campgrounds	0.0	17.16AC	21.61AC	27.72AC
Water Sports (Reservoir/Lake)	0.0	46.33AC	58.36AC	74.84AC

*Parentheses ( ) indicate a surplus.

SUMMARY SHEET - ACTIVITY SPACE DEFICIENCIES
MARSHALL SERVICE DISTRICT (Based on 1989 Figures)

ACTIVITY SPACE	EXISTING	52,000 LEVEL	65,500 LEVEL	84,000 LEVEL
Picnic Tables	0.0	3.51	4.42	5.67
Play Apparatus Area	0.5	.90	1.25	1.76
Picnic Shelters	0.0	.18	.24	.29
Multi Purpose Field	0.0	.45	.59	.75
Multi Purpose Court	0.0	.46	.59	.76
Soccer Field	0.0	.45	.59	.75
Tennis Courts	0.5	20	.39	.63
Multi Purpose Space (TV/Video)	1.0	(.65)	(.57)	(.44)
Baseball Field	2.0	(1.30)	(1.10)	(.87)
Basketball Court	0.0	27	.35	.45
Classroom (Computing/Electronics)	0.0	1.4	1.78	2.26
Horseshoe Lanes	0.5	(.23)	(.15)	(.05)
Studio (Graphics/Painting, etc.)	0.0	.35	.43	.56
Volleyball Court	0.0	.27	.35	.45
Football Field	0.0	.18	.21	.29
Fitness Room	1.0	(.82)	(.79)	(.71)
Softball Field	0.0	.35	.43	.56
Racquetball/Squash	0.0	.13	.18	.21
Amphitheater (Small)	0.0	.13	18	21
Swimming Pool (Jr.)	0.0	.14	.19	.22
Roller Skating (Outdoor)	0.0	.13	18	.21
Activity Room (Board Games, etc.)	1.0	(.73)	(.65)	(.55)
Movie Theater	0.0	.13	.18	21
Auditorium/Stage	1.0	(.92)	(.90)	(.87)
Swimming Pool (Sr.)	0.0	.08	.08	.10
Aerial Activity (100'x100' Space)	0.0	.08	.08	.10
Badminton Court	0.0	05	.08	.08
Batting Cage	0.0	.05	.08	.08
Bowling Alley	0.0	.05	08	.08
Community Center	0.0	.05	.08	.08
Demo/Multi Purpose Space (Arts/Crafts)	0.0	.05	.08	.08
Driving Range	0.0	.05	.08	.08
Frisbee Course	0.0	.05	.08	.08
Golf Course	0.0	.05	08	.08
Greenhouse/Garden Plot	0.0	.05	.08	.08
Gymnasium	1.0	(.95)	(.92)	(.92)
Gymnasium (w/Bleachers)	0.0	.03	.03	.05
Kitchen	0.5	(.42)	(.40)	(.34)
Library	0.0	.05	.08	.08
Shuffleboard	0.0	05	.08	.08
Track Facilities	0.0	.05	.08	.08
Field Hockey Field	0.0	.05	.05	.08
Stadium	0.0	.02	.05	.05
Air Field (Flying)	0.0	.02	.02	.05
Amphitheater (Large)	0.0	.02	02	.05
Arboretum	0.0	.02	.02	.05
Archery Range	0.0	.02	.02	.05
Bocce Court	0.0	.03	.03	.05
Croquet Field	0.0	.03	.03	.05
Equestrian Complex	0.0	.03	03	.05
Roller Skating Rink (Indoor)	0.0	.03	.03	.05
LaCrosse Field	0.0	.03	03	.05
Miniature Golf Course	0.0	.03	.03	.05
Museum (Historic)	0.0	.03	.03	.05
Nature Center	0.0	.03	.03	.05
Overnight Retreat Center	0.0	.03	03	.05
Photography Darkroom	0.0	.03	03	.05
Rugby Field	0.0	.03	.03	.05
Shooting Range	0.0	.03	.03	.05
Skateboard Ramp	0.0	.03	03	.05
BMX Track	0.0	03	.03	.03
Ski Trails (Cross Country/Downhill)	0.0	.14MI	.18MI	23MI
Interpretive Nature Trails	0.0	.35MI	.44MI	.57MI
Bicycle Trails	0.0	1.40MI	1.77MI	2.27MI
Fitness Trails (Jogging/Walking)	0.0	1.40MI	1.77MI	2.27MI
Mountain Biking	0.0	.14MI	.18MI	.23MI
Hiking Trails	0.0	2.80MI	3.54MI	4.54MI
Horseback Riding	0.0	2.80MI	3.54MI	4.54MI
Water Sports (Streams)	0.0	1.16AP/ 7.02MI	1.47AP/ 8.84MI	1.89AP/ 11.34MI
Campgrounds	0.0	7.02AC	8.84AC	11.34AC
Water Sports (Reservoir/Lake)	0.0	18.95AC	23.87AC	30.62AC

*Parentheses ( ) indicate a surplus.

SUMMARY SHEET - ACTIVITY SPACE DEFICIENCIES
REMAINDER OF MARSHALL (not in Magisterial District)
(Based on 1989 Figures)

ACTIVITY SPACE	EXISTING	52,000 LEVEL	65,500 LEVEL	84,000 LEVEL
Picnic Tables	0.0	21.58	27.22	34.86
Play Apparatus Area	2.0	6.63	8.79	11.94
Picnic Shelters	1.0	.16	.49	.82
Multi Purpose Field	0.0	2.82	3.65	4.65
Multi Purpose Court	0.0	2.82	3.65	4.65
Soccer Field	0.0	2.82	3.65	4.65
Tennis Courts	1.0	3.32	4.48	5.97
Multi Purpose Space (TV/Video)	0.0	2.16	2.66	3.49
Baseball Field	1.5	2.81	3.98	5.47
Basketball Court	0.5	1.16	1.66	2.32
Classroom (Computing/Electronics)	0.0	8.62	10.96	13.94
Horseshoe Lanes	0.0	1.66	2.16	2.82
Studio (Graphics/Painting, etc.)	0.0	2.16	2.66	3.49
Volleyball Court	0.0	1.66	2.16	2.82
Football Field	0.0	1.16	1.33	1.83
Fitness Room	0.0	1.16	1.33	1.83
Softball Field	0.0	2.16	2.66	3.49
Racquetball/Squash	0.0	.83	1.16	1.33
Amphitheater (Small)	0.0	.83	1.16	1.33
Swimming Pool (Jr.)	1.5	(.67)	(.34)	.17
Roller Skating (Outdoor)	0.0	.83	1.16	1.33
Activity Room (Board Games, etc.)	0.5	1.16	1.66	2.32
Movie Theater	0.0	.83	1.16	1.33
Auditorium/Stage	0.5	.00	.16	.33
Swimming Pool (Sr.)	0.0	.50	.50	.66
Aerial Activity (100'x100' Space)	0.0	.50	.50	.66
Badminton Court	0.0	.33	.66	.66
Batting Cage	0.0	.33	.66	.66
Bowling Alley	0.0	.33	.66	.66
Community Center	0.0	.33	.66	.66
Demo/Multi Purpose Space (Arts/Crafts)	0.5	(.17)	.16	.16
Driving Range	0.5	(.17)	.16	.16
Frisbee Course	0.0	.33	.66	.66
Golf Course	0.5	(.17)	.16	.16
Greenhouse/Garden Plot	0.0	.33	.66	.66
Gymnasium	0.0	.33	.66	.66
Gymnasium (w/Bleachers)	0.0	.17	.17	.33
Kitchen	2.0	(1.50)	(1.34)	(1.00)
Library	0.0	.33	.50	.50
Shuffleboard	0.0	.33	.50	.50
Track Facilities	0.0	.33	.50	.50
Field Hockey Field	0.0	.33	.33	.50
Stadium	0.0	.16	.33	.33
Air Field (Flying)	0.0	.16	.16	.33
Amphitheater (Large)	0.0	.16	.16	.33
Arboretum	0.0	.16	.16	.33
Archery Range	0.0	.16	.16	.33
Bocce Court	0.0	.17	.17	.33
Croquet Field	0.0	.17	.17	.33
Equestrian Complex	0.5	(.33)	(.33)	(.17)
Roller Skating Rink (Indoor)	0.0	.17	.17	.33
LaCrosse Field	0.0	.17	.17	.33
Miniature Golf Course	0.0	.17	.17	.33
Museum (Historic)	0.0	.17	.17	.33
Nature Center	0.0	.17	.17	.33
Overnight Retreat Center	0.5	(.33)	(.33)	(.17)
Photography Darkroom	0.0	.17	.17	.33
Rugby Field	0.0	.17	.17	.33
Shooting Range	0.0	.17	.17	.33
Skateboard Ramp	0.0	.17	.17	.33
BMX Track	0.0	.17	.17	.17
Ski Trails (Cross Country/Downhill)	0.0	.86MI	1.09MI	1.39MI
Interpretive Nature Trails	5.5MI	(3.34)MI	(2.78)MI	(2.01)MI
Bicycle Trails	0.0	8.63MI	10.87MI	13.94MI
Fitness Trails (Jogging/Walking)	0.0	8.63MI	10.87MI	13.94MI
Mountain Biking	0.0	.86MI	1.09MI	1.39MI
Hiking Trails	12.0MI	5.26MI	9.75MI	15.88MI
Horseback Riding	14.5MI	2.76MI	7.25MI	13.39MI
Water Sports (Streams)	0.0	7.19AP/ 43.16MI	9.05AP/ 54.37MI	11.62AP/ 69.72MI
Campgrounds	0.0	43.16AC	54.36AC	69.72AC
Water Sports (Reservoir/Lake)	0.0	116.53AC	146.79AC	188.24AC

*Parentheses ( ) indicate a surplus.

SUMMARY SHEET - ACTIVITY SPACE DEFICIENCIES
CALVERTON SERVICE DISTRICT (Based on 1989 Figures)

ACTIVITY SPACE	EXISTING	52,000 LEVEL	65,500 LEVEL	84,000 LEVEL
Picnic Tables	0.0	5.85	7.38	9.45
Play Apparatus Area	0.0	2.34	2.92	3.78
Picnic Shelters	0.0	.31	40	.49
Multi Purpose Field	0.0	.76	99	1.26
Multi Purpose Court	0.0	.77	1.00	1.26
Soccer Field	0.0	.76	.99	1.26
Tennis Courts	0.0	1.17	1.48	1.89
Multi Purpose Space (TV/Video)	0.0	.58	72	.94
Baseball Field	0.0	1.17	1.48	1.89
Basketball Court	0.0	.45	58	.76
Classroom (Computing/Electronics)	0.0	2.34	2.97	3.78
Horseshoe Lanes	0.0	.45	.58	.76
Studio (Graphics/Painting, etc.)	0.0	.58	.72	.94
Volleyball Court	0.0	.45	.58	76
Football Field	0.0	.31	.36	.49
Fitness Room	0.0	.31	36	.49
Softball Field	0.0	.58	.72	.94
Racquetball/Squash	0.0	.22	.31	.36
Amphitheater (Small)	0.0	.22	.31	.36
Swimming Pool (Jr.)	0.0	.22	31	.36
Roller Skating (Outdoor)	0.0	.22	.31	.36
Activity Room (Board Games, etc.)	0.0	.45	.59	.77
Movie Theater	0.0	.22	.31	.36
Auditorium/Stage	0.0	.13	.18	.22
Swimming Pool (Sr.)	0.0	13	13	.18
Aerial Activity (100'x100' Space)	0.0	.13	13	.18
Badminton Court	0.0	.09	.13	13
Batting Cage	0.0	.09	13	.13
Bowling Alley	0.0	.09	.13	.13
Community Center	0.0	09	.13	.13
Demo/Multi Purpose Space (Arts/Crafts)	0.0	.09	.13	13
Driving Range	0.0	.09	.13	.13
Frisbee Course	0.0	.09	.13	.13
Golf Course	0.0	.09	.13	.13
Greenhouse/Garden Plot	0.0	.09	.13	13
Gymnasium	0.0	.09	.13	.13
Gymnasium (w/Bleachers)	0.0	.04	04	.09
Kitchen	0.0	.13	.18	.27
Library	0.0	.09	.13	.13
Shuffleboard	0.0	.09	.13	.13
Track Facilities	0.0	.09	.13	.13
Field Hockey Field	0.0	.09	.09	.13
Stadium	0.0	.04	.09	.09
Air Field (Flying)	0.0	.04	.04	.09
Amphitheater (Large)	0.0	.04	.04	.09
Arboretum	0.0	.04	.04	.09
Archery Range	0.0	.04	.04	.09
Bocce Court	0.0	.04	.04	.09
Croquet Field	0.0	.04	.04	.09
Equestrian Complex	0.0	.04	.04	09
Roller Skating Rink (Indoor)	0.0	04	.04	.09
LaCrosse Field	0.0	.04	.04	.09
Miniature Golf Course	0.0	.04	.04	.09
Museum (Historic)	0.0	.04	04	09
Nature Center	0.0	.04	.04	.09
Overnight Retreat Center	0.0	.04	.04	.09
Photography Darkroom	0.0	.04	.04	.09
Rugby Field	0.0	.04	.04	.09
Shooting Range	0.0	.04	.04	.09
Skateboard Ramp	0.0	.04	.04	.09
BMX Track	0.0	.04	04	.04
Ski Trails (Cross Country/Downhill)	0.0	.23MI	.29MI	.37MI
Interpretive Nature Trails	0.0	.58MI	.73MI	.94MI
Bicycle Trails	0.0	2.34MI	2.94MI	3.78MI
Fitness Trails (Jogging/Walking)	0.0	2.34MI	2.94MI	3.78MI
Mountain Biking	0.0	.52MI	.73MI	.94MI
Hiking Trails	0.0	4.68MI	5.89MI	7.56MI
Horseback Riding	0.0	4.68MI	5.89MI	7.56MI
Water Sports (Streams)	0.0	1.95AP/ 11.70MI	2.45AP/ 14.73MI	3.15AP/ 18.90MI
Campgrounds	0.0	11.70AC	14.78AC	18.90AC
Water Sports (Reservoir/Lake)	0.0	31.89AC	39.79AC	51.03AC

*Parentheses ( ) indicate a surplus.

SUMMARY SHEET - ACTIVITY SPACE DEFICIENCIES
CATLETT SERVICE DISTRICT (Based on 1989 Figures)

ACTIVITY SPACE	EXISTING	52,000 LEVEL	65,500 LEVEL	84,000 LEVEL
Picnic Tables	0.0	6.50	8.20	10.50
Play Apparatus Area	0.0	2.60	3.25	4.20
Picnic Shelters	0.0	.35	45	55
Multi Purpose Field	0.0	.85	1.10	1.40
Multi Purpose Court	0.0	.85	1.10	1.40
Soccer Field	0.0	.85	1.10	1.40
Tennis Courts	0.0	1.30	1.65	2.10
Multi Purpose Space (TV/Video)	0.0	.65	.80	1.05
Baseball Field	0.0	1.30	1.65	2.10
Basketball Court	0.0	.50	.65	.85
Classroom (Computing/Electronics)	0.0	2.60	3.30	4.20
Horseshoe Lanes	0.0	.50	.65	.85
Studio (Graphics/Painting, etc.)	0.0	.65	.80	1.05
Volleyball Court	0.0	.50	.65	.85
Football Field	0.0	.35	.40	.55
Fitness Room	0.0	.35	.40	.55
Softball Field	0.0	.65	.80	1.05
Racquetball/Squash	0.0	.25	.35	.40
Amphitheater (Small)	0.0	.25	.35	.40
Swimming Pool (Jr.)	0.0	.25	.35	.40
Roller Skating (Outdoor)	0.0	.25	.35	.40
Activity Room (Board Games, etc.)	0.0	.50	.65	.85
Movie Theater	0.0	.25	.35	.40
Auditorium/Stage	0.0	.15	.20	.25
Swimming Pool (Sr.)	0.0	.15	.15	.20
Aerial Activity (100'x100' Space)	0.0	.15	.15	.20
Badminton Court	0.0	.10	.15	.15
Batting Cage	0.0	.10	.15	.15
Bowling Alley	0.0	.10	.15	.15
Community Center	0.0	.10	.15	.15
Demo/Multi Purpose Space (Arts/Crafts)	0.0	.10	.15	.15
Driving Range	0.0	.10	.15	.15
Frisbee Course	0.0	.10	.15	.15
Golf Course	0.0	.10	.15	.15
Greenhouse/Garden Plot	0.0	.10	.15	.15
Gymnasium	0.0	.10	.15	.15
Gymnasium (w/Bleachers)	0.0	.05	.05	.10
Kitchen	0.5	(.35)	(.30)	(.20)
Library	0.0	.10	.15	.15
Shuffleboard	0.0	.10	.15	.15
Track Facilities	0.0	.10	.15	.15
Field Hockey Field	0.0	.10	.15	.15
Stadium	0.0	.05	.10	.10
Air Field (Flying)	0.0	.05	.05	.10
Amphitheater (Large)	0.0	.05	.05	.10
Arboretum	0.0	.05	.05	.10
Archery Range	0.0	.05	.05	.10
Bocce Court	0.0	.05	.05	.10
Croquet Field	0.0	.05	.05	.10
Equestrian Complex	0.0	.05	.05	.10
Roller Skating Rink (Indoor)	0.0	.05	.05	.10
LaCrosse Field	0.0	.05	.05	.10
Miniature Golf Course	0.0	.05	.05	.10
Museum (Historic)	0.0	.05	.05	.10
Nature Center	0.0	.05	.05	.10
Overnight Retreat Center	0.0	.05	.05	.10
Photography Darkroom	0.0	.05	.05	.10
Rugby Field	0.0	.05	.05	.10
Shooting Range	0.0	.05	.05	.10
Skateboard Ramp	0.0	.05	.05	.10
BMX Track	0.0	.05	.05	.05
Ski Trails (Cross Country/Downhill)	0.0	.26MI	.32MI	.42MI
Interpretive Nature Trails	0.0	.65MI	.81MI	1.05MI
Bicycle Trails	0.0	2.60MI	3.27MI	4.20MI
Fitness Trails (Jogging/Walking)	0.0	2.60MI	3.27MI	4.20MI
Mountain Biking	0.0	.26MI	.32MI	.42MI
Hiking Trails	0.0	5.20MI	6.55MI	8.40MI
Horseback Riding	0.0	5.20MI	6.55MI	8.40MI
Water Sports (Streams)	0.0	2.17AP/ 13.00MI	2.72AP/ 16.38MI	3.50AP/ 21.00MI
Campgrounds	0.0	13.00AC	16.37AC	21.00AC
Water Sports (Reservoir/Lake)	0.0	35.10AC	44.21AC	56.70AC

*Parentheses ( ) indicate a surplus.

SUMMARY SHEET - ACTIVITY SPACE DEFICIENCIES
MIDLAND SERVICE DISTRICT (Based on 1989 Figures)

ACTIVITY SPACE	EXISTING	52,000 LEVEL	65,500 LEVEL	84,000 LEVEL
Picnic Tables	2.0	2.68	3.90	5.56
Play Apparatus Area	0.0	1.87	2.34	3.02
Picnic Shelters	0.0	.25	.32	.39
Multi Purpose Field	0.0	.61	.79	1.00
Multi Purpose Court	0.0	.61	.79	1.01
Soccer Field	0.0	.61	.79	1.00
Tennis Courts	0.0	.93	1.18	1.51
Multi Purpose Space (TV/Video)	0.0	.46	.57	.75
Baseball Field	0.0	.93	1.18	1.51
Basketball Court	0.0	.36	.46	.61
Classroom (Computing/Electronics)	0.0	1.87	2.37	3.02
Horseshoe Lanes	0.0	.36	.46	.61
Studio (Graphics/Painting, etc.)	0.0	.46	.57	.75
Volleyball Court	0.0	.36	.46	.61
Football Field	0.0	.25	.28	.39
Fitness Room	0.0	.25	.28	.39
Softball Field	0.0	.46	.57	.75
Racquetball/Squash	0.0	.18	.25	.28
Amphitheater (Small)	0.0	.18	.25	.28
Swimming Pool (Jr.)	0.0	.18	.25	.28
Roller Skating (Outdoor)	0.0	.18	.25	.28
Activity Room (Board Games, etc.)	0.0	.36	.46	.61
Movie Theater	0.0	.18	.25	.28
Auditorium/Stage	0.0	.10	.14	.18
Swimming Pool (Sr.)	0.0	.10	.10	.14
Aerial Activity (100'x100' Space)	0.0	.10	.10	.14
Badminton Court	0.0	.07	.10	.10
Batting Cage	0.0	.07	.10	.10
Bowling Alley	0.0	.07	.10	.10
Community Center	0.0	.07	.10	.10
Demo/Multi Purpose Space (Arts/Crafts)	0.0	.07	.10	.10
Driving Range	0.0	.07	.10	.10
Frisbee Course	0.0	.07	.10	.10
Golf Course	0.0	.07	.10	.10
Greenhouse/Garden Plot	0.0	.07	.10	.10
Gymnasium	0.0	.07	.10	.10
Kitchen	0.0	.10	.14	.21
Library	0.0	.07	.10	.10
Shuffleboard	0.0	.07	.10	.10
Track Facilities	0.0	.07	.10	.10
Field Hockey Field	0.0	.07	.07	.10
Stadium	0.0	.03	.07	.07
Air Field (Flying)	0.0	.03	.03	.07
Amphitheater (Large)	0.0	.03	.03	.07
Arboretum	0.0	.03	.03	.07
Archery Range	0.0	.03	.03	.07
Bocce Court	0.0	.03	.03	.07
Croquet Field	0.0	.03	.03	.07
Equestrian Complex	0.0	.03	.03	.07
Gymnasium (w/Bleachers)	0.0	.03	.03	.07
Roller Skating Rink (Indoor)	0.0	.03	.03	.07
LaCrosse Field	0.0	.03	.03	.07
Miniature Golf Course	0.0	.03	.03	.07
Museum (Historic)	0.0	.03	.03	.07
Nature Center	0.0	.03	.03	.07
Overnight Retreat Center	0.0	.03	.03	.07
Photography Darkroom	0.0	.03	.03	.07
Rugby Field	0.0	.03	.03	.07
Shooting Range	0.0	.03	.03	.07
Skateboard Ramp	0.0	.03	.03	.07
BMX Track	0.0	.03	.03	.03
Ski Trails (Cross Country/Downhill)	0.0	.18MI	.23MI	.30MI
Interpretive Nature Trails	0.0	.46MI	.58MI	.75MI
Bicycle Trails	0.0	1.87MI	2.35MI	3.02MI
Fitness Trails (Jogging/Walking)	0.0	1.87MI	2.35MI	3.02MI
Mountain Biking	0.0	.18MI	.23MI	.30MI
Hiking Trails	0.0	3.74MI	4.71MI	6.04MI
Horseback Riding	0.0	3.74MI	4.71MI	6.04MI
Water Sports (Streams)	0.0	1.56AP/ 9.36MI	1.96AP/ 11.79MI	2.52AP/ 15.12MI
Campgrounds	0.0	9.36AC	11.79AC	15.12AC
Water Sports (Reservoir/Lake)	0.0	25.27AC	31.83AC	40.82AC

*Parentheses ( ) indicate a surplus.

SUMMARY SHEET - ACTIVITY SPACE DEFICIENCIES
REMAINDER OF CEDAR RUN (not in Magisterial District)
(Based on 1989 Figures)

ACTIVITY SPACE	EXISTING	52,000 LEVEL	65,500 LEVEL	84,000 LEVEL
Picnic Tables	2.0	7.62	8.13	11.54
Play Apparatus Area	4.0	(.16)	.81	2.21
Picnic Shelters	4.0	(3.49)	(3.34)	(3.19)
Multi Purpose Field	2.0	(.75)	(.38)	(.07)
Multi Purpose Court	0.0	1.26	1.63	2.07
Soccer Field	0.0	1.25	1.62	2.07
Tennis Courts	2.0	(.08)	.44	1.10
Multi Purpose Space (TV/Video)	0.0	.96	1.18	1.55
Baseball Field	5.0	(4.26)	(4.03)	(4.26)
Basketball Court	1.0	(.26)	(.04)	.25
Classroom (Computing/Electronics)	46.0	(42.16)	(41.12)	(39.79)
Horseshoe Lanes	1.0	(.26)	(.04)	.25
Studio (Graphics/Painting, etc.)	1.0	(.04)	.18	.55
Volleyball Court	2.0	(1.26)	(1.04)	(.75)
Football Field	0.0	.51	.59	.81
Fitness Room	0.0	.51	.59	.81
Softball Field	2.5	(1.53)	(1.31)	(.94)
Racquetball/Squash	0.0	.37	.51	.59
Amphitheater (Small)	1.0	(.63)	(.49)	(.41)
Swimming Pool (Jr.)	2.0	(1.63)	(1.49)	(1.41)
Roller Skating (Outdoor)	0.0	.37	.51	.59
Activity Room (Board Games, etc.)	0.5	.24	.46	.75
Movie Theater	1.0	(.63)	(.49)	(.41)
Auditorium/Stage	2.0	(1.78)	(1.71)	(1.63)
Swimming Pool (Sr.)	0.0	.22	.22	.29
Aerial Activity (100'x100' Space)	0.0	.22	.22	.29
Badminton Court	0.0	.14	.22	.22
Batting Cage	0.0	.14	.22	.22
Bowling Alley	1.0	(.86)	(.78)	(.78)
Community Center	0.0	.14	.22	.22
Demo/Multi Purpose Space (Arts/Crafts)	0.0	.14	.22	.22
Driving Range	0.0	.14	.22	.22
Frisbee Course	0.0	.14	.22	.22
Golf Course	0.0	.14	.22	.22
Greenhouse/Garden Plot	0.0	.14	.22	.22
Gymnasium	1.0	(.86)	(.78)	(.78)
Kitchen	2.5	(2.28)	(2.21)	(2.13)
Library	2.0	(1.86)	(1.78)	(1.78)
Shuffleboard	0.0	.14	.22	.22
Track Facilities	0.0	.14	.22	.22
Field Hockey Field	0.0	.14	.14	.22
Stadium	0.0	.07	.14	.14
Air Field (Flying)	0.5	(.43)	(.43)	(.36)
Amphitheater (Large)	0.0	.07	.07	.14
Arboretum	0.0	.07	.07	.14
Archery Range	0.0	.07	.07	.14
Bocce Court	0.0	.07	.14	.14
Croquet Field	0.0	.07	.14	.14
Equestrian Complex	0.0	.07	.14	.14
Gymnasium (w/Bleachers)	0.0	.07	.14	.14
Roller Skating Rink (Indoor)	0.5	(.43)	(.43)	(.36)
LaCrosse Field	0.0	.07	.07	.14
Miniature Golf Course	0.0	.07	.07	.14
Museum (Historic)	0.0	.07	.07	.14
Nature Center	0.0	.07	.07	.14
Overnight Retreat Center	0.0	.07	.07	.14
Photography Darkroom	0.0	.07	.07	.14
Rugby Field	0.0	.07	.07	.14
Shooting Range	0.0	(.93)	(.93)	(.86)
Skateboard Ramp	0.0	.07	.07	.14
BMX Track	0.0	.07	.07	.07
Ski Trails (Cross Country/Downhill)	0.0	.38MI	.48MI	.62MI
Interpretive Nature Trails	0.0	.96MI	1.21MI	1.55MI
Bicycle Trails	0.0	3.84MI	4.84MI	6.21MI
Fitness Trails (Jogging/Walking)	3.0MI	.84MI	1.84MI	3.21MI
Mountain Biking	0.0	.38MI	.48MI	.62MI
Hiking Trails	0.0	7.69MI	9.69MI	12.43MI
Horseback Riding	3.75MI	3.95MI	5.94MI	8.68MI
Water Sports (Streams)	0.0	3.20AP/ 19.24MI	4.03AP/ 24.24MI	5.18AP/ 31.08MI
Campgrounds	0.0	19.24AC	24.33AC	31.08AC
Water Sports (Reservoir/Lake)	0.0	51.94AC	65.43AC	83.90AC

*Parentheses ( )indicate a surplus.