

APPENDIX A

Livable Community Blueprint for Cabarrus County

PARK MODELS AND FACILITY STANDARDS

The park classification system includes models for seven park types: Mini Park, Neighborhood Park, Community Park, Civic Park, District Park, Regional Park Preserve and Special Purpose Park. The following park models include park types, recommended size, population served, service area coverage, potential locations and type of facilities most typically found within them.

CLOSE TO HOME PARKS

MINI PARK

Minimum Population	500
Acres/1,000 People	.25
Optimum Size	1 acre
Acreage Range	.25 acre to 3 acres
Service Radius	1/4 mile in urbanized area 1-1/2 miles in rural area
Location	Should be located with access, safety and convenience to nearby neighborhoods. May be located at an elementary school, within neighborhood developments, or other site convenient to the population served. Typically not provided at a County park level unless in conjunction with a school. Municipalities provide these on a limited basis and often they are provided within neighborhood developments.
Facilities and Use	Natural and /or paved areas with imaginative layout of equipment and landscaping. May include either intensive or passive play areas or a combination of both.
Typical Facilities	1 playground 2 picnic tables

NEIGHBORHOOD PARK

Minimum Population	2,000
Acres/1,000 People	2
Optimum Size	15 acres
Acreage Range	3 to 25 acres
Service Radius	1 mile in urbanized area 3 miles in rural area
Location	Should be easily accessible to neighborhood population and geographically centered within safe walking and biking distance. May be located within a residential community, at an elementary, middle or high school.
Facilities and Use	Should provide activities for all ages, passive as well as active, such as play equipment, open space for games,

	paved game area, ball fields, landscape areas and limited parking. May included either tennis or basketball courts. When ball fields are located at school sites, they are typically used for programmed youth athletic leagues. For planning purposes, basketball courts will be included in approximately one half of the proposed parks. Amount of active versus passive facilities should be determined by characteristics of site and area served.
Typical Facilities	1 playground 1 basketball court or tennis court 1 soccer or football field 1-2 ballfields, 1 picnic shelter .5 miles multi-purpose trail

COMMUNITY PARK

Minimum Population	7,000
Acres/1,000 People	3.5
Optimum Size	55 acres
Acreage Range	25 to 70 acres
Service Radius	3 miles in urbanized area 6 miles in rural area
Location	Should be centrally located within the park service area, with consideration given to surrounding land uses, safety, and access and land availability. Should be accessible to several neighborhoods.
Facilities and Use	Should contain activities for the entire family including a community center and areas for active games such as baseball, softball, soccer, tennis, basketball, and volleyball. May also include a municipal swimming pool or community center. Passive use areas for activities such as walking, sitting and picnicking should also be included. The playground should be provided as an ancillary facility with adequate landscaping and parking. A maintenance building may be provided.
Typical Facilities	2 playgrounds 2 basketball court 2 tennis courts 1 community center (@ 50% of parks) 1 swimming pool (@ 50% of parks) 2-4 soccer fields 2-4 ball fields 3 picnic shelters 2 volleyball courts 1 mile multi-purpose trail

CIVIC PARK

Minimum Population	Varies
Acres/1,000 People	.5
Optimum Size	Varies
Acreage Range	Varies
Service Radius	N/A
Location	Typically located along an unusual land feature such as floodplains, rivers, and easements or in an urban area. Area should be of natural or ornamental quality for outdoor recreation or passive open space within an urban area.
Facilities and Use	Predominately passive but may include limited active facilities such as trail, playground, gazebo, plazas, benches, formal gardens, waterfront, ponds and other activities. Also can include open space for free play or exhibitions and festivals. May include outdoor amphitheater.
Typical Facilities	1 playground 3 picnic shelters 1 mile multi-purpose trail

CLOSE TO HOME PARK ACREAGE = 6.25 ACRES PER 1,000 POPULATION

REGIONAL PARK LANDS

DISTRICT PARK

Minimum Population	30,000
Acres/1,000 People	5
Optimum Size	200 acres
Acreage Range	100 to 300 acres
Service Radius	6 miles
Location	Should be within reasonable driving distance to the community it serves. Locate in an area having natural or ornamental quality.
Facilities and Use	Should contain large areas for passive recreation use such as nature trails, picnicking, boating, fishing lakes, camping, interpretive center, and large open spaces. May also provide some areas and facilities for active games such as softball basketball, tennis etc.
Typical Facilities	2 playgrounds 10 picnic shelters 1 basketball court 3 miles multi-purpose trails 3 sand volleyball court

REGIONAL PARK RESERVE

Minimum Population	80,000
Acres/1,000 People	10
Optimum Size	750
Acreage Range	750 acres
Service Radius	25 miles or more
Location	Area of natural quality for natural resource-based outdoor recreation. Generally, 80% of the land is reserved for conservation and natural resource management with less than 20% developed for recreation. Examples include state parks, state natural areas and large natural resource-based county parks.
Facilities and Use	Activities include nature study, picnicking camping, fishing, boating, swimming and various trail uses.

REGIONAL PARK ACREAGE = 10 ACRES PER 1,000 PEOPLE

OTHER PARK LANDS

SPECIAL USE PARK

Minimum Population	N/A
Acres/1,000 People	N/A
Optimum Size	N/A
Acreage Range	N/A
Service Radius	N/A
Location	Includes areas for specialized or single purpose recreation activities such as beach parks, tennis centers, historic and archaeological sites, nature preserves, marina., boat landings, fishing facilities canoe and kayaking trails, golf courses and equestrian facilities.

FACILITY STANDARDS

The following 15 facility types on which recreation activities occur are addressed in this master plan. This listing of facility types includes definitions of the facility and per capita standards.

Ball field	Team activities on a baseball or softball field.	Unit - 1 field (1/2,500)
Basketball	Team activities on a basketball court.	Unit - 1 field (1/5,000)
Community Center	Facility open to public providing various active and passive recreational activities	Unit 1 building (1/15,000).
Football	Team activities on a football field.	Unit - 1 field (1/7,500)
Golf	Activities played on a regulation 18-hole golf course.	Unit -1 course (1/50,000)
Gymnasium	Indoor, multi-purpose, active recreational facility	Unit - 1 gym (1/20,000)
Multi-use Trail	Riding human powered cycles, walking, jogging or in-line skating along designated paths or routes	Unit - 1 mile trail (1/4,000)
Picnicking	Temporary outdoor eating and drinking activities, set up primarily for the enjoyment of eating outdoors.	Unit - 1 table (1/2,000)
Playground	Low acreage designated play area with easy safe access, usually with maintained playground equipment.	Unit - 1 play area (1/2,000)
Racquetball	Activities on a court designated for racquetball.	Unit - 1 court (1/20,000)
Soccer Field	Team activities on a soccer field.	Unit - 1 field (1/2,500)
Swimming Pool	Swimming in a hard bottom pool.	Unit - pool (1/20,000)
Tennis	Activities played outdoor on a tennis court with at least two participants	Unit - 1 court (1/4,000)
Track	Activities on a designated 400 meter running/jogging track	Unit - 1 track (1/20,000)
Volleyball	Team activities on a volleyball court.	Unit - 1 court (1/5,000)

APPENDIX B1									
EXISTING PUBLIC PARKS									
SUBDISTRICT 1 - NORTHWEST									
	Acres	Mini Park	Neighborhood Park	Community Park	Civic Park	District Park	Regional Park Preserve	Special Purpose Park	Undeveloped
PUBLIC PARKS									
None									
TOTAL PUBLIC PARKS	0	0	0	0	0	0	0	0	0
SHARED SCHOOL PARKS									
Northwest Cabarrus Mid/High	30		1						
Odell Elementary	8		1						
TOTAL SCHOOL PARKS	38	0	2	0	0	0	0	0	0
TOTAL PARKS & SCHOOLS	38	0	2	0	0	0	0	0	0
UNDEVELOPED PARK LAND									
Don Howell Lake	10								1
TOTAL UNDEVELOPED LAND	10	0	0	0	0	0	0	0	1

APPENDIX B1

EXISTING PUBLIC PARKS

SUBDISTRICT 2 - NORTH

	Acres	Mini Park	Neighborhood Park	Community Park	Civic Park	District Park	Regional Park Preserve	Special Purpose Park	Undeveloped
PUBLIC PARKS									
Bakers Creek Park/Greenway	42			1					
James Street Park	0.25	1							
Midway Ball Park	12							1	
North Cabarrus Park (Phase I)	90			1					
Rose Hill	0.5	1							
Veterans Park	1.7				1				
Village Park	15.5				1				
TOTAL PUBLIC PARKS	162	2	0	2	2	0	0	1	0
SHARED SCHOOL PARKS									
Forest Park Elementary	5	1							
Jackson Park Elementary	3	1							
Kannapolis Middle	5							1	
McKnight Child Dev. Center	3							1	
Royal Oaks Elementary	2	1							
Shady Brook Elementary	5	1							
Fred L. Wilson Elementary	7	1							
TOTAL SCHOOL PARKS	30	5	0	0	0	0	0	2	0
TOTAL PARKS & SCHOOLS	192	7	0	2	2	0	0	3	0
UNDEVELOPED PARK LAND									
Forest Park Park	13								1
Irish Buffalo Creek Park Site	15		1						
Lake Concord	5								1
North Cabarrus Park	-								
TOTAL UNDEVELOPED LAND	33	0	1	0	0	0	0	0	2

APPENDIX B1									
EXISTING PUBLIC PARKS									
SUBDISTRICT 3 - NORTHEAST									
	Acres	Mini Park	Neighborhood Park	Community Park	Civic Park	District Park	Regional Park Preserve	Special Purpose Park	Undeveloped
PUBLIC PARKS									
McAllister Park	5							1	
TOTAL PUBLIC PARKS	5	0	0	0	0	0	0	1	0
SHARED SCHOOL PARKS									
Mt. Pleasant High	13		1						
Mt. Pleasant Middle	16		1						
Mt. Pleasant Elementary	6	1							
TOTAL SCHOOL PARKS	35	1	2	0	0	0	0	0	0
TOTAL PARKS & SCHOOLS	40	1	2	0	0	0	0	1	0
UNDEVELOPED PARK LAND									
Cabarrus County Landfill Site	75								1
Mt. Pleasant Reservoir	10								1
Camp Spencer	55							1	
TOTAL UNDEVELOPED LAND	140	0	0	0	0	0	0	1	2

APPENDIX B1									
EXISTING PUBLIC PARKS									
SUBDISTRICT 4 - CENTRAL									
	Acres	Mini Park	Neighborhood Park	Community Park	Civic Park	District Park	Regional Park Preserve	Special Purpose Park	Undeveloped
PUBLIC PARKS									
Academy Park	4	1							
Academy Recreation Center	3							1	
Beverly Hills Park	3.5	1							
Cabarrus Co. Senior Ctr	25							1	
Frank Liske	217					1			
Gibson Ball Park	4							1	
Hartsell Park	21		1						
Hartsell Recreation Center	-							1	
James L. Dorton Park	23		1						
J. F. McInnis Aquatic Ctr	0.25							1	
Les Myers Park	22			1					
Logan Center	4							1	
Marvin Caldwell Park	22			1					
McAllister Field	3.5							1	
W.W. Flowe Park (Phase I)	44.0			1					
Webb Field	5.0							1	
TOTAL PUBLIC PARKS	400.8	2	2	3	0	1	0	8	0
SHARED SCHOOL PARKS									
Beverly Hills Elementary	5	1							
R. Brown McAllister Elem.	5	1							
Central Cabarrus High	8		1						
Coltrane-Webb Elem.	11	1							
Concord Middle	20		1						
Concord High School	22		1						
J. N. Fries Middle	20		1						
Glenn Educational Center	-							1	
W. M. Irvin Elementary	3		1						
Long Preschool Center	1							1	
Weddington Hills Elem	10							1	
Wincoff Elementary	12		1						
Wolf Meadow Elementary	5		1						
TOTAL SCHOOL PARKS	122	3	7	0	0	0	0	3	0
TOTAL PARKS & SCHOOLS	522.8	5	9	3	0	1	0	11	0
UNDEVELOPED PARK LAND									
Hartsell School Site	3								1
W.W. Flowe	25								
TOTAL UNDEVELOPED LAND	25	0	0	0	0	0	0	0	0

APPENDIX B1									
EXISTING PUBLIC PARKS									
SUBDISTRICT 5 - SOUTHWEST									
	Acres	Mini Park	Neighborhood Park	Community Park	Civic Park	District Park	Regional Park Preserve	Special Purpose Park	Undeveloped
PUBLIC PARKS									
Harrisburg Town Park (Phase I)	31							1	
TOTAL PUBLIC PARKS	31	0	0	0	0	0	0	1	0
SHARED SCHOOL PARKS									
Harrisburg Elementary	13		1						
Rocky River Elementary	11		1						
TOTAL SCHOOL PARKS	24	0	2	0	0	0	0	0	0
TOTAL PARKS & SCHOOLS	55	0	2	0	0	0	0	1	0
UNDEVELOPED PARK LAND									
Harrisburg Town Park	-								
Jay Robinson High School	8								
TOTAL UNDEVELOPED LAND	8	0	0	0	0	0	0	0	0

APPENDIX B1									
EXISTING PUBLIC PARKS									
SUBDISTRICT 6 - SOUTHEAST									
	Acres	Mini Park	Neighborhood Park	Community Park	Civic Park	District Park	Regional Park Preserve	Special Purpose Park	Undeveloped
PUBLIC PARKS									
None									
TOTAL PUBLIC PARKS	0	0	0	0	0	0	0	0	0
SHARED SCHOOL PARKS									
A.T. Allen Elementary	2	1							
Bethel Elementary	6		1						
TOTAL SCHOOL PARKS	8	1	1	0	0	0	0	0	0
TOTAL PARKS & SCHOOLS	8	1	1	0	0	0	0	0	0
UNDEVELOPED PARK LAND									
None									
TOTAL UNDEVELOPED LAND	0	0	0	0	0	0	0	0	0

APPENDIX B1									
EXISTING PUBLIC PARKS									
COUNTYWIDE									
	Acres	Mini Park	Neighborhood Park	Community Park	Civic Park	District Park	Regional Park Preserve	Special Purpose Park	Undeveloped
Subdistrict 1									
Public Parks	0	0	0	0	0	0	0	0	0
School Parks	38	0	2	0	0	0	0	0	0
PUBLIC & SCHOOL PARKS	38	0	2	0	0	0	0	0	0
UNDEVELOPED PARK LAND	10	0	0	0	0	0	0	0	1
Subdistrict 2									
Public Parks	162	2	0	2	2	0	0	1	0
School Parks	30	5	0	0	0	0	0	2	0
PUBLIC & SCHOOL PARKS	192	7	0	2	2	0	0	3	0
UNDEVELOPED PARK LAND	33	0	1	0	0	0	0	0	2
Subdistrict 3									
Public Parks	5	0	0	0	0	0	0	1	0
School Parks	35	1	2	0	0	0	0	0	0
PUBLIC & SCHOOL PARKS	40	1	2	0	0	0	0	1	0
UNDEVELOPED PARK LAND	140	0	0	0	0	0	0	1	2
Subdistrict 4									
Public Parks	401	2	2	3	0	1	0	8	0
School Parks	122	3	7	0	0	0	0	3	0
PUBLIC & SCHOOL PARKS	523	5	9	3	0	1	0	11	0
UNDEVELOPED PARK LAND	25	0	0	0	0	0	0	0	0
Subdistrict 5									
Public Parks	31	0	0	0	0	0	0	1	0
School Parks	24	0	2	0	0	0	0	0	0
PUBLIC & SCHOOL PARKS	55	0	2	0	0	0	0	1	0
UNDEVELOPED PARK LAND	8	0	0	0	0	0	0	0	0
Subdistrict 6									
Public Parks	0	0	0	0	0	0	0	0	0
School Parks	8	1	1	0	0	0	0	0	0
PUBLIC & SCHOOL PARKS	8	1	1	0	0	0	0	0	0
UNDEVELOPED PARK LAND	0	0	0	0	0	0	0	0	0
All Sub-districts									
Public Parks	599	4	2	5	2	1	0	11	0
School Parks	257	10	14	0	0	0	0	5	0
PUBLIC & SCHOOL PARKS	856	14	16	5	2	1	0	16	0
UNDEVELOPED PARK LAND	216	0	1	0	0	0	0	1	5

APPENDIX B2

EXISTING PUBLIC FACILITIES

SUBDISTRICT 1 - NORTHWEST

	Ball Field	Basketball Court	Community Center	Football Field	Golf Course	Gymnasium	Multi Use Trail	Picnic Shelter	Playground	Racquetball Court	Soccer Field	Swimming Pool	Tennis Court	Track	Volleyball Court
PUBLIC PARKS															
None															
TOTAL PUBLIC FACILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SHARED SCHOOL PARKS															
Northwest Cabarrus Mid/High	2			0.5		3.0					0.5		4.0	1.0	
Odell Elementary	3					1		1	2		1				
TOTAL SCHOOL FACILITIES	5	0	0	0.5	0	4	0	1	2	0	1	0	4	1	0
TOTAL PARKS & SCHOOLS	5	0	0	0.5	0	4	0	1	2	0	1	0	4	1	0
UNDEVELOPED PARK LAND															
Don Howell Lake															
PLANNED FUTURE FACILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

APPENDIX B2

EXISTING PUBLIC FACILITIES

SUBDISTRICT 2 - NORTH

	Ball Field	Basketball Ct	Community Ctr	Football Field	Golf Course	Gymnasium	Multi Use Trail	Picnic Shelter	Playground	Racquetball Ct	Soccer Field	Swimming Pool	Tennis Court	Track	Volleyball Ct
PUBLIC PARKS															
Bakers Creek Park/Greenway	1	1					1.5	5	2				4		4
James Street Park								1	1						
Midway Ball Park	2			0.5							0.5				
North Cabarrus Park (Phase I)		2					1	3	1						2
Rose Hill								1	1						
Veterans Park															
Village Park							1		1						
TOTAL PUBLIC FACILITIES	3	3	0	0.5	0	0	3.5	10	6	0	0.5	0	4	0	6
SHARED SCHOOL PARKS															
Forest Park Elementary									1						
Jackson Park Elementary									1						
Kannapolis Middle	2														
McKnight Child Dev. Center									1		1.0				
Royal Oaks Elementary									1						
Shady Brook Elementary		1						1	1						
Fred L. Wilson Elementary		1							1						
TOTAL SCHOOL FACILITIES	2	2	0	0	0	0	0	1	6	0	1	0	0	0	0
TOTAL PARKS & SCHOOLS	5	5	0	0.5	0	0	3.5	11	12	0	1.5	0	4	0	6
UNDEVELOPED PARK LAND															
Forest Park Park															
Irish Buffalo Park Site	2						1	1	1		1				
Lake Concord															
North Cabarrus Park (future phase)															
PLANNED FUTURE FACILITIES	2	0	0	0	0	0	1	1	1	0	1	0	0	0	0

APPENDIX B2

EXISTING PUBLIC FACILITIES

SUBDISTRICT 3 - NORTHEAST

	Ball Field	Basketball Court	Community Center	Football Field	Golf Course	Gymnasium	Multi Use Trail	Picnic Shelter	Playground	Racquetball Court	Soccer Field	Swimming Pool	Tennis Court	Track	Volleyball Court
PUBLIC PARKS															
McAllister Park	1														
TOTAL PUBLIC FACILITIES	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SHARED SCHOOL PARKS															
Mt. Pleasant High	2			0.5		1					1.5		6	1	
Mt. Pleasant Middle	5			0.5		2					2.5		4	1	
Mt. Pleasant Elementary		1				1			2						
TOTAL SCHOOL FACILITIES	6.5	1	0	1	0	4	0	0	2	0	4	0	10	2	0
TOTAL PARKS & SCHOOLS	8	1	0	1	0	4	0	0	2	0	4	0	10	2	0
UNDEVELOPED PARK LAND															
Cabarrus County Landfill Site															
Camp Spencer			1						1			1			1
Mt. Pleasant Reservoir															
PLANNED FUTURE FACILITIES	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1

APPENDIX B2

EXISTING PUBLIC FACILITIES

SUBDISTRICT 4 - CENTRAL

	Ball Field	Basketball Ct	Community Ctr	Football Field	Golf Course	Gymnasium	Multi Use Trail	Picnic Shelter	Playground	Racquetball Ct	Soccer Field	Swimming Pool	Tennis Court	Track	Volleyball Court
PUBLIC PARKS															
Academy Park		1													
Academy Rec Center			1			1									
Beverly Hills Park								1	2				1		
Cabarrus Co. Senior Ctr			1				0.8								
Frank Liske Park	3						2	12	5		2		6		6
Gibson Ball Park	1														
Hartsell Park	4	1						1	1						1
Hartsell Rec Center			1			1									
James L. Dorton Park							1.3	3	2		2		3		
J. F. McInnis Aquatic Ctr												1			
Les Myers Park	1	1	1				0.7	4	2				8		1
Logan Center			1			1			1						
Marvin Caldwell Park	2	4	1				1	4	2		1		2		1
McCalister Field	1.0														
Public Housing								2	2						
W.W. Flowe Park	4						1		1						2
Web Field	0.5			0.5							0.5				
TOTAL PUBLIC FACILITIES	16.5	7	6	0.5	0	3	6.8	27	18	0	5.5	1	20	0	11

APPENDIX B2 (CONTINUED)

EXISTING PUBLIC FACILITIES

SUBDISTRICT 4 - CENTRAL

	Ball Field	Basketball Ct	Community Ctr	Football Field	Golf Course	Gymnasium	Multi Use Trail	Picnic Shelter	Playground	Racquetball Ct	Soccer Field	Swimming Pool	Tennis Court	Track	Volleyball Court
SHARED SCHOOL PARKS															
Beverly Hills Elementary	0.5	1				1			1		0.5				
R. Brown McAllister Elem		1					0.25		2						
Central Cabarrus High	2	1		1.0		1					1.0		4	1	
Coltrane-Webb Elem									2					1	
Concord Middle	2	1		0.5		2					0.5			1	
Concord High School	2			1.0		1					1.5		4	1	
J. N. Fries Middle	1			1.5		1					0.5			1	
Glenn Edu Center						1									
W. M. Irvin Elementary	1	1				1			1		1.0				
Long Preschool Center									1						
Weddington Hills Elem		2				1	1		2		1				
Winecoff Elementary	2					1			2		1			1	
Wolf Meadow Elem	3	1					0.5		2						1
TOTAL SCHOOL FACILITIES	13.5	8	0	4	0	10	1.8	0	13	0	7	0	8	6	1
TOTAL PARKS & SCHOOLS	30	15	6	4.5	0	13	8.6	27	31	0	12.5	1	28	6	12
UNDEVELOPED PARK LAND															
Old Hartsell School Site															
W.W. Flowe															
PLANNED FUTURE FACILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

APPENDIX B2

EXISTING PUBLIC FACILITIES

SUBDISTRICT 5 - SOUTHWEST

	Ball Field	Basketball Court	Community Center	Football Field	Golf Course	Gymnasium	Multi Use Trail	Picnic Shelter	Playground	Racquetball Court	Soccer Field	Swimming Pool	Tennis Court	Track	Volleyball Court
PUBLIC PARKS															
Harrisburg Town Park				1							1				
Rocky River Golf Club					1										
TOTAL PUBLIC FACILITIES	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0
SHARED SCHOOL PARKS															
Harrisburg Elementary	5	2				1			2		0.5			1	
Rocky River Elementary	3	2				1			1		2			1	
TOTAL SCHOOL FACILITIES	8	4	0	0	0	2	0	0	3	0	2.5	0	0	2	0
TOTAL PARKS & SCHOOLS	8	4	0	1	1	2	0	0	3	0	3.5	0	0	2	0
UNDEVELOPED PARK LAND															
Harrisburg Town Park		0.5					1		2				3		0.5
Jay Robinson High School															
PLANNED FUTURE FACILITIES	0	0.5	0	0	0	0	1	0	2	0	0	0	3	0	0.5

APPENDIX B2.

EXISTING PUBLIC FACILITIES

SUBDISTRICT 6 - SOUTHEAST

	Ball Field	Basketball Court	Community Center	Football Field	Golf Course	Gymnasium	Multi Use Trail	Picnic Shelter	Playground	Racquetball Court	Soccer Field	Swimming Pool	Tennis Court	Track	Volleyball Court
PUBLIC PARKS															
None															
TOTAL PUBLIC FACILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SHARED SCHOOL PARKS															
A.T. Allen Elementary		2							1						
Bethel Elementary	3	1				1			2						
Central Cabarrus High	2	1		1		1					1		4	1	
TOTAL SCHOOL FACILITIES	5	4	0	1	0	2	0	0	3	0	1	0	4	1	0
TOTAL PARKS & SCHOOLS	5	4	0	1	0	2	0	0	3	0	1	0	4	1	0
UNDEVELOPED PARK LAND															
None															
PLANNED FUTURE FACILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

APPENDIX B2

EXISTING PUBLIC FACILITIES

COUNTYWIDE

	Ball Field	Basketball Ct	Community Ctr	Football Field	Golf Course	Gymnasium	Trail	Picnic Shelter	Playground	Racquetball Ct	Soccer Field	Swimming Pool	Tennis Court	Track	Volleyball Ct
Subdistrict 1															
Public Parks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shared School Facilities	5	0	0	1	0	4	0	1	2	0	1	0	4	1	0
PARK & SCHOOL FACILITIES	5	0	0	1	0	4	0	1	2	0	1	0	4	1	0
Subdistrict 2															
Public Parks	3	3	0	1	0	0	4	10	6	0	1	0	4	0	6
Shared School Facilities	2	2	0	0	0	0	0	1	6	0	1	0	0	0	0
PARK & SCHOOL FACILITIES	2	2	0	0	0	0	0	1	6	0	1	0	0	0	0
Subdistrict 3															
Public Parks	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shared School Facilities	7	1	0	1	0	4	0	0	2	0	4	0	10	2	0
PARK & SCHOOL FACILITIES	7	1	0	1	0	4	0	0	2	0	4	0	10	2	0
Subdistrict 4															
Public Parks	17	7	6	1	0	3	7	27	18	0	6	1	20	0	11
Shared School Facilities	14	8	0	4	0	10	2	0	13	0	7	0	8	6	1
PARK & SCHOOL FACILITIES	14	8	0	4	0	10	2	0	13	0	7	0	8	6	1
Subdistrict 5															
Public Parks	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0
Shared School Facilities	8	4	0	0	0	2	0	0	3	0	3	0	0	2	0
PARK & SCHOOL FACILITIES	8	4	0	0	0	2	0	0	3	0	3	0	0	2	0
Subdistrict 6															
Public Parks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shared School Facilities	5	4	0	1	0	2	0	0	3	0	1	0	4	1	0
PARK & SCHOOL FACILITIES	5	4	0	1	0	2	0	0	3	0	1	0	4	1	0
Total Public Parks	21	10	6	2	1	3	10	37	24	0	7	1	24	0	17
Total Shared School Facilities	40	19	0	7	0	22	2	2	29	0	17	0	26	12	1
TOTAL PUBLIC & SCHOOL	61	29	6	9	1	25	12	39	53	0	24	1	50	12	18

APPENDIX B.3
LIVABLE COMMUNITY BLUEPRINT FOR CABARRUS COUNTY
Inventory of Undeveloped Properties

Name	Description	Sub-District	Acres
Don Howell Lake (Previously Coddle Creek Reservoir)	A 1,900 acre reservoir site that may have potential for recreational uses. Many state water restrictions may conflict with proposed recreational opportunities.	1	10
Northwest Cabarrus High/Middle School	An additional 10-20 acres of wooded land is available.	1	10-20
Forest Park Park	Acreage available across from Forest Park School.	2	13
Irish Buffalo Creek Park	A City of Kannapolis park site next to new public works building.	2	15
Kannapolis Lake	Located in the northwest corner of sub-district 2.	2	10
8 th Street Landfill Site	Located in the city of Kannapolis off of 8 th Street, this closed landfill is in the process of being released by the EPA. If it is turned over, it will be dedicated to recreation.	2	51
Concord Lake	Located on east side of Subdistrict 2.	2	5
Lake Fisher	Located on east side of Subdistrict 2. Available for boating.	2	10
North Cabarrus Park	City of Kannapolis and Church of God Children's Home and Cabarrus County entered into two formal 20 year agreements to jointly construct park on Orphanage Road. Year 2001 facilities include roads, parking, 3 picnic shelters 2 horseshoe pits, 2 volleyball courts, 2 basketball courts, walking trails, playground, picnic sites and restroom building. Other future facilities include mountain bike trails, disc golf course, tennis courts, walking trails, informal ball fields, etc.	2	90

Fred L. Wilson Elementary School	An additional 10-15 acres are available for development.	2	10-15
Cabarrus County Landfill Site	A master plan is currently being done for park development on the site. Total acres are 270. Acreage available for recreation is 75-100 acres.	3	75 - 100
Camp Spencer	The Boys and Girls Club owns this camp that includes an additional 25 acres adjacent to the existing development. The County is negotiation to take over the use of this 30 acre park and develop the remaining acreage.	3	55
Mt. Pleasant Reservoir	Owned by the Town of Mt. Pleasant and may have potential for the development of passive recreation areas.	3	10
Concord Middle School	Current school development occupies approximately 60 of the 100 acre school site. The remaining 40 acres is largely floodplains and may have potential for recreation development.	4	40
Frank Liske Park (Including S.J.S. Soccer Complex)	An 11-field soccer complex with 600-700 parking spaces is scheduled for construction beyond 2000.	4	40
Hartsell School Site	The site of the old Hartsell school that was demolished in early 2001. It is located at the corner of Hartsell Park.	4	2.5
W.W. Flowe	Four lighted fields were completed in summer of 2001. Future construction includes 2 additional ball fields, 2 volleyball courts, 4 horseshoe pits, one mile of multi-use trail, playground and basketball court. There is an additional 53 acres across the street that the county would like to acquire. The County does own a nearby 25 acre parcel that they would like to provide to residents as a nature-based park.	6	69 acres. An additional 53 acres may be available.
Wolf Meadow Elementary	An additional 40 acres are available.	4	25-30

Harrisburg Town Park	Phase I construction is underway and includes entrance road, two soccer/football fields and parking. Additional phases include over one mile of trails, 2 playgrounds, 3 tennis courts, 1 volleyball/basketball court, renovations to a historic general store and community picnic area and amphitheater.	5	31
Jay Robinson High School	New high school planned to open in Fall 2001.	5	8
New Fairground Site	Located at intersection of Old Airport Road and Highway 49.	6	

Note: The purpose of this inventory is to identify properties for potential recreation development. It includes properties that have been slated specifically for recreation development as well as those that have been discussed as potentially being dedicated to recreation.

APPENDIX B.4
LIVABLE COMMUNITY BLUEPRINT FOR CABARRUS COUNTY
Inventory of Quasi-Public and Private Facilities

Name	Description	Sub-district	Quasi-Pub. /Private
Camp Cabarrus Boy Scout Camp	One camp building, five overnight shelters, one picnic shelter, lake and three restrooms. On 15-20 acres.	1	Quasi-Public
Northwest Racquet and Swim Club	One outdoor swimming pool, two tennis courts, one picnic shelter and a restroom/bathhouse facility.	1	Private
Cannon Memorial YMCA	Located in Kannapolis this indoor facility includes a running track, two inside basketball courts, two racquetball courts, swimming pool, exercise areas, etc.	2	Quasi-Public
Charity Baptist Church	A church park with a lighted softball field, picnic shelter, restroom/concession building and a small gymnasium.	2	Private
Foxfire Lanes	Bowling	2	Private
Kannapolis Country Club	Includes an 18 hole golf course, driving range, clubhouse, two lighted tennis courts and swimming pool.	2 In Rowan County	Private
Kannapolis Dixie Youth Ball fields	Two lighted youth fields, a restroom/concessions building and limited parking area on 6-8 acres.	2	Quasi-Public
Kannapolis Recreation Park	Miniature golf course, a nine hole par 3 golf course, two water slides, two tennis courts, a swimming pool and two restrooms.	2 In Rowan County	Private
David H. Murdock Senior Citizen Center	Located adjacent to YMCA, center includes arts and crafts, social area etc.	2	Quasi-Public
Nautilus Fitness Center	Weightlifting, aerobics	2	Private
Camp Spencer	A 55 acre Cabarrus County Boys and Girls Club facility which includes 3 ponds, 4 buildings, swimming pool, 2 restroom bldgs. & 1 sand volleyball ct.	3	Quasi-Public
First Assembly Retreat Center	Church site with indoor and outdoor camping facilities, fishing, multi-purpose buildings, nature area and trails.	3	Private

Mt. Pleasant Swim Club	Private outdoor swimming club with restrooms.	3	Private
St. John Lutheran Church	One lighted softball field, two basketball courts, picnic sites and restrooms.	3	Private
Barbara/Robin Hayes Soccer Complex	3 youth soccer fields.	4	Private
Barber-Scotia College	Founded in 1867 to educate freed African American women. A project is underway to construct a tower icon at the corner of Cabarrus and Georgia Streets.	4	Private
Beverly Hills Swim and Racquet Club	Outdoor swimming pool, restroom facility and two tennis courts.	4	Private
Cabarrus Avenue Cemetery	A historic African-American cemetery that is being restored as a historic site.	4	Quasi-Public
Cabarrus County Boys and Girls Club	Two gyms, a recreation program area and informal play areas. Expansion plans are underway.	4	Quasi-Public
Cabarrus County Fair	Includes an agricultural exhibit hall, amphitheater, cattle stables, multi-purpose buildings, concessions buildings and other support facilities. A new fairground site has been acquired at Old Airport Road and Hwy 49.	4	Quasi-Public
Cabarrus Country Club	18 hole golf course with clubhouse, one swimming pool, three restroom facilities, four clay and six asphalt lighted outdoor tennis courts and outdoor recreation area.	4	Private
Concord Swim Club	Swim club that includes and outdoor Olympic size swimming pool, two lighted tennis courts, and a restroom facility.	4	Private
Frye's Recreation Area	This 5 acre facility has an indoor skating rink, golf driving range, baseball and softball batting machine and a bowling lane facility.	4	Quasi-Pubic
Memorial Gardens and Cemetery	A passive park area located in downtown Concord. Many people to walk, eat lunch or enjoy the gardens of this park.	4	Quasi-Public

Philip Morris Company Wellness Park	A facility for Philip Morris Company employees/families. Consists of adult unlighted softball field, model airplane strip, fitness stations, walking/jogging trail, basketball court and indoor meeting/picnic facilities.	4	Private
Southwest YMCA at Afton Village (future)	A new YMCA planned for Concord off Poplar Tent Road in the Afton Village development. Construction to begin Summer 2001. The facility will have two pools, soccer fields, meeting rooms, gymnasium and workout rooms	4	Quasi-Public
The Sports Center	One soccer field, 4 lighted tennis courts, 1 indoor pool and 1 outdoor pool, 6 racquetball courts, a weight/exercise area, an indoor and outdoor running track, steam rooms and locker rooms.	4	Private
Cannon School	Includes an unlighted soccer field, two combination tennis/basketball courts, a gymnasium and playground.	5	Private
Clear Creek Boys Scout Camp	Primitive group camping sites, restrooms, trails and lake.	5	Quasi-Public
Cornerstone Presbyterian Church	The Southwest Cabarrus YMCA operates at this church and has 2 soccer fields.	5	Quasi-Public
Lowe's Motor Speedway	Provides motor sports events including the NASCAR World 600 and Lowe's 500.	5	Quasi-Public
Poplar Tent Presbyterian Church	Private lighted softball field with one restroom facility and a picnic shelter.	5	Private
Concord Motor Speedway	Paved stock car racing facility.	6	Quasi-Public
Friendship Methodist Church Park	Includes a lighted softball field, a basketball court, playground, picnic shelter and restroom facility.	6	Private
Green Oaks Golf Course	18 hole golf course with clubhouse.	6	Quasi-Public

APPENDIX B.5
LIVABLE COMMUNITY BLUEPRINT FOR CABARRUS COUNTY
Inventory of Subdivision Facilities

Name	Description	Sub-District
Subdistrict 1		
Booe/Untz Dev.	Future development plans will include pool, baseball, soccer, basketball and trails.	1
Highland Creek	6 tennis courts, 3 bathhouses, 3 pools, (additional pool and spray-ground are planned), 3 playgrounds, 1 volleyball court, 2 basketball courts, picnic areas, grills and golf course.	1
Park Creek	2 lighted tennis courts, bike trail	1
Poplar Woods	1 swimming pool	1
Rollingwood Forest	Trail	1
Skybrook	Golf course. To be developed includes: 4 clay/2 hard tennis courts, 165' waterslide, 10 lane pool and lake, tot lot, volleyball ct. and soccer field	1
Subtotal Subdistrict 1	8 tennis courts, 4 swimming pools, 3 playgrounds, 1 volleyball court, 2 golf courses, picnic area and trail.	

Subdistrict 2		
Coopers Ridge Apartments	Swimming pool, basketball, playground, volleyball	2
Hampton Forest Apts.	Swimming pool	2
Lantern Green Subdivision	Swimming pool	2
Oak Crest Apartments	Swimming pool	2
Westlake Subdivision	Tennis	2
Subtotal Subdistrict 2	4 swimming pools, basketball, playground, tennis and volleyball	

Subdistrict 3		
Blackwelder Estates	Informal ballfield	3
East Crest Ridge	Trails	3
Subtotal Subdistrict 3	1 informal ballfield, trails	

Subdistrict 4		
Buckingham Place	Swimming pool	4
Candlewood Square Condominiums	Swimming pool	4
Caralea Valley Apartments	Swimming pool	4
Chesney Woods Apts.	Swimming pool	4
The Cloisters Apartments	Swimming pool	4
Concord Point Apartments	Swimming pool	4
Crown Point Apartments	Swimming pool	4
Davidson Apartments	Swimming pool, tennis	4
Greens of Concord	Swimming pool	4
Heatherwood Apartments	Swimming pool	4
Huntington Apartments	Tennis	4
Kensington Apartments	Swimming pool	4
Kinsport Condominiums	Swimming pool	4
Summer Walk Apartments	Swimming pool	4
The Landings Apartments	Swimming pool	4
Locke Mill Plaza	Swimming pool, tennis	4
Longview Meadows Apts.	Swimming pool	4
Melrose Apartments	Swimming pool	4
Morris Glen	Swimming pool, tennis	4
Oak Park	Swimming pool, tennis	4
Oakleaf Condominiums	Swimming pool	4
Parkway Crossing Apts.	Swimming pool	4
Piedmont Primary Academy, Inc.	Swimming pool	4
Piedmont Residential Development Center	Swimming pool	4
Porters Landing	Swimming pool	4
Ridgeview Condominiums	Swimming pool, tennis	4
Sheffield Manor	Swimming pool, tennis	4
Stonewall Jackson School	Swimming pool	4
Summer Walk Apts.	Tennis	

Tower Place Apts	Swimming pool	4
Tri-Acres Swim and Racquet Club, Inc	Swimming pool, tennis	4
Village Green at Concord Mills	Swimming pool, tennis	4
Washington Square Apartments	Swimming pool	4
Water's Edge Apartments	Swimming pool, tennis	4
Woodbrook Apts	Swimming pool	4
Woodridge Condominiums	Swimming pool	4
The Woodlands	Swimming pool, tennis	4
Subtotal Subdistrict 4	35 swimming pools, 12 tennis facilities	

Subdistrict 5		
Bradford Park	2 tennis courts, bath house, 1 swimming pool, playground	5
Carriage Downs	2 tennis courts, 1 clubhouse, 1 swimming pool, playground	5 Concord
Coventry	Under construction - pool, clubhouse, playground	5 Harrisburg
Covington	Swimming pool, tennis	5 Concord
Flowers Farm	Pool, clubhouse	5 Harrisburg
Gable Oaks	Swimming pool	5 Concord
Harrisburg Town Center	3 mini or civic parks to include - Gazebo, pool, clubhouse, picnic/natural area, playground	5 Harrisburg
Hawick Commons	Playground	5
Kings Crossing	Swimming pool, tennis	5 Concord
Orchard Park	Pool, tennis, clubhouse	5 Harrisburg
Porters Landing	1 clubhouse, 1 swimming pool, playground, volleyball and trails	5
Roberta Farms	Swimming pool	5 Concord
Rocky River Crossing	Swimming pool, clubhouse, bark nature trail	5 Harrisburg
Stallings Farm	Picnic shelter, bark nature trail, playground	5 Harrisburg
Steeplechase	1 tennis court, 1 clubhouse, playground, 1 volleyball court, 1 horseshoe pit. informal ballfield.	5

	picnic tables, shelter	
Windsor Forest	Pool, clubhouse	5 Harrisburg
Subtotal Subdistrict 5	8 tennis courts, 9 swimming pools, 6 playgrounds, 2 volleyball, trails, picnic tables and shelter	

Subdistrict 6		
Ashebrook	Picnic shelter, playground	6
Lake Shore Estates	Swimming at Lake	6
Patriot's Point	1 tennis court, 1 clubhouse, 1 swimming pool, picnic table, grill	6
St. Andrews	Playground	6
Subtotal Subdistrict 6	1 swimming pool, 1 tennis court, 2 playgrounds, 1 picnic shelter	

APPENDIX C1

PARK NEEDS ASSESSMENT

SUBDISTRICT 1 -NORTHWEST

		Mini Park	Neighborhood Park	Community Park	Civic Park	District Park	Regional Park Preserve
CURRENT							
2000 Population 11,596	Ideal number of Parks	2.9	1.5	0.8	0.3	0.3	0.1
	Existing Parks	0.00	0.00	0.00	0.00	0.00	0.00
	Shared School Parks	0.00	1.30	0.00	0.00	0.00	0.00
	2000 Unadjusted Target	2.90	0.25	0.77	0.29	0.29	0.08
	Adjusted Target	1	0	1	0	0	0
Intermediate							
2005 Population 13,335	2005 Unadjusted Target	0.43	0.23	0.12	0.04	0.04	0.01
	Adjusted Target	0	0	0	0	1	0
Long Term							
2010 Population 16,669	2010 Unadjusted Target	0.83	0.44	0.22	0.08	0.08	0.02
	Adjusted Target	1	0	1	0	0	0
TOTAL UNADJUSTED TARGET		4.17	0.92	1.11	0.42	0.42	0.11
TOTAL ADJUSTED TARGET		2	0	2	0	1	0

Ideal # of Parks: Shows total number of parks required based solely on population.

Unadjusted Target: Refers to parks required in addition to existing parks, based solely on population.
 Unadjusted Target = Ideal Parks - (Existing Parks + Existing Shared School Parks)

Adjusted Target: Reflects subdistrict characteristics, citizen preferences, natural resources, other public and/or private parks, geographic distribution of parks, stated goals and issues and local, state and national trends.

Shared School Parks Refers to school parks which currently have joint use agreements with the County. This number has been prorated to 65% to reflect the actual amount of time the facilities are available to the public.

APPENDIX C1

PARK NEEDS ASSESSMENT

SUBDISTRICT 2 - NORTH

		Mini Park	Neighborhood Park	Community Park	Civic Park	District Park	Regional Park Preserve
CURRENT							
2000 Population 39,776	Ideal number of Parks	9.9	5.3	2.7	1.0	1.0	0.3
	Existing Parks	2.0	0.0	2.0	2.0	0.0	0.0
	Shared School Parks	3.25	0.00	0.00	0.00	0.00	0.00
	2000 Unadjusted Target	4.69	5.30	0.65	-1.01	0.99	0.27
	Adjusted Target	5	5	0	0	0	0
Intermediate							
2005 Population 44,319	2005 Unadjusted Target	1.14	0.61	0.30	0.11	0.11	0.03
	Adjusted Target	1	1	1	0	0	0
Long Term		1.00					
2010 Population 51,060	2010 Unadjusted Target	1.69	0.90	0.45	0.17	0.17	0.04
	Adjusted Target	2	1	0	0	0	0
TOTAL UNADJUSTED TARGET		7.52	6.81	1.40	-0.72	1.28	0.34
TOTAL ADJUSTED TARGET		8	7	1	0	0	0

Ideal # of Parks: Shows total number of parks required based solely on population.

Unadjusted Target: Refers to parks required in addition to existing parks, based solely on population.
 Unadjusted Target = Ideal Parks - (Existing Parks + Existing Shared School Parks)

Adjusted Target: Reflects subdistrict characteristics, citizen preferences, natural resources, other public and/or private parks, geographic distribution of parks, stated goals and issues and local, state and national trends.

Shared School Parks Refers to school parks which currently have joint use agreements with the County. This number has been prorated to 65% to reflect the actual amount of time the facilities are available to the public.

APPENDIX C1

PARK NEEDS ASSESSMENT

SUBDISTRICT 3 - NORTHEAST

		Mini Park	Neighborhood Park	Community Park	Civic Park	District Park	Regional Park Preserve
CURRENT							
2000 Population 12,867	Ideal number of Parks	3.2	1.7	0.9	0.3	0.3	0.1
	Existing Parks	0.0	0.0	0.0	0.0	0.0	0.0
	Shared School Parks	0.65	1.30	0.00	0.00	0.00	0.00
	2000 Unadjusted Target	2.57	0.42	0.86	0.32	0.32	0.09
	Adjusted Target	0	0	1	0	0	0
Intermediate							
2005 Population 14,183	2005 Unadjusted Target	0.33	0.18	0.09	0.03	0.03	0.01
	Adjusted Target	0	0	1	0	0	0
Long Term							
2010 Population 15,498	2010 Unadjusted Target	0.33	0.18	0.09	0.03	0.03	0.01
	Adjusted Target	0	0	0	1	1	0
TOTAL UNADJUSTED TARGET		3.22	0.77	1.03	0.39	0.39	0.10
TOTAL ADJUSTED TARGET		0	0	2	1	1	0

Ideal # of Parks: Shows total number of parks required based solely on population.

Unadjusted Target: Refers to parks required in addition to existing parks, based solely on population.
 Unadjusted Target = Ideal Parks - (Existing Parks + Existing Shared School Parks)

Adjusted Target: Reflects subdistrict characteristics, citizen preferences, natural resources, other public and/or private parks, geographic distribution of parks, stated goals and issues and local, state and national trends.

Shared School Parks Refers to school parks which currently have joint use agreements with the County. This number has been prorated to 65% to reflect the actual amount of time the facilities are available to the public.

APPENDIX C1							
PARK NEEDS ASSESSMENT							
SUBDISTRICT 4 - CENTRAL							
		Mini Park	Neighborhood Park	Community Park	Civic Park	District Park	Regional Park Preserve
CURRENT							
2000 Population 43,657	Ideal number of Parks	10.9	5.8	2.9	1.1	1.1	0.3
	Existing Parks	2.0	2.0	3.0	0.0	1.0	0.0
	Shared School Parks	1.95	4.55	0.00	0.00	0.00	0.00
	2000 Unadjusted Target	6.96	-0.73	-0.09	1.09	0.09	0.29
	Adjusted Target	1	1	0	1	0	0
Intermediate							
2005 Population 52,638	2005 Unadjusted Target	2.25	1.20	0.60	0.22	0.22	0.06
	Adjusted Target	0	2	1	0	0	0
Long Term							
2010 Population 61,619	2010 Unadjusted Target	2.25	1.20	0.60	0.22	0.22	0.06
	Adjusted Target	0	1	0	0	0	0
TOTAL UNADJUSTED TARGET		11.45	1.67	1.11	1.54	0.54	0.41
TOTAL ADJUSTED TARGET		1	4	1	1	0	0
<p>Ideal # of Parks: Shows total number of parks required based solely on population.</p> <p>Unadjusted Target: Refers to parks required in addition to existing parks, based solely on population. Unadjusted Target = Ideal Parks - (Existing Parks + Existing Shared School Parks)</p> <p>Adjusted Target: Reflects subdistrict characteristics, citizen preferences, natural resources, other public and/or private parks, geographic distribution of parks, stated goals and issues and local, state and national trends.</p> <p>Shared School Parks Refers to school parks which currently have joint use agreements with the County. This number has been prorated to 65% to reflect the actual amount of time the facilities are available to the public.</p>							

APPENDIX C1

PARK NEEDS ASSESSMENT

SUBDISTRICT 5 - SOUTHWEST

		Mini Park	Neighborhood Park	Community Park	Civic Park	District Park	Regional Park Preserve
CURRENT							
2000 Population 25,274	Ideal number of Parks	6.3	3.4	1.7	0.6	0.6	0.2
	Existing Parks	0.0	0.0	0.0	0.0	0.0	0.0
	Shared School Parks	0.00	1.30	0.00	0.00	0.00	0.00
	2000 Unadjusted Target	6.32	2.07	1.68	0.63	0.63	0.17
	Adjusted Target	1	2	1	0	0	0
Intermediate							
2005 Population 37,789	2005 Unadjusted Target	3.13	1.67	0.83	0.31	0.31	0.08
	Adjusted Target	2	2	0	1	0	0
Long Term							
2010 Population 50,304	2010 Unadjusted Target	3.13	1.67	0.83	0.31	0.31	0.08
	Adjusted Target	1	2	1	0	0	0
TOTAL UNADJUSTED TARGET		12.58	5.41	3.35	1.26	1.26	0.34
TOTAL ADJUSTED TARGET		4	6	2	1	0	0

Ideal # of Parks: Shows total number of parks required based solely on population.

Unadjusted Target: Refers to parks required in addition to existing parks, based solely on population.
 Unadjusted Target = Ideal Parks - (Existing Parks + Existing Shared School Parks)

Adjusted Target: Reflects subdistrict characteristics, citizen preferences, natural resources, other public and/or private parks, geographic distribution of parks, stated goals and issues and local, state and national trends.

Shared School Parks Refers to school parks which currently have joint use agreements with the County. This number has been prorated to 65% to reflect the actual amount of time the facilities are available to the public.

APPENDIX C1

PARK NEEDS ASSESSMENT

SUBDISTRICT 6 - SOUTHEAST

		Mini Park	Neighborhood Park	Community Park	Civic Park	District Park	Regional Park Preserve
CURRENT							
2000 Population 15,805	Ideal number of Parks	4.0	2.1	1.1	0.4	0.4	0.1
	Existing Parks	0.0	0.0	0.0	0.0	0.0	0.0
	Shared School Parks	0.7	0.7	0.0	0.0	0.0	0.0
	2000 Unadjusted Target	3.30	1.46	1.05	0.40	0.40	0.11
	Adjusted Target	0	1	1	0	0	0
Intermediate							
2005 Population 19,778	2005 Unadjusted Target	0.99	0.53	0.26	0.10	0.10	0.03
	Adjusted Target	0	0	0	0	0	1
Long Term							
2010 Population 23,750	2010 Unadjusted Target	0.99	0.53	0.26	0.10	0.10	0.03
	Adjusted Target	0	1	0	1	0	0
TOTAL UNADJUSTED TARGET		5.29	2.52	1.58	0.59	0.59	0.16
TOTAL ADJUSTED TARGET		0	2	1	1	0	1

Ideal # of Parks: Shows total number of parks required based solely on population.

Unadjusted Target: Refers to parks required in addition to existing parks, based solely on population.
 Unadjusted Target = Ideal Parks - (Existing Parks + Existing Shared School Parks)

Adjusted Target: Reflects subdistrict characteristics, citizen preferences, natural resources, other public and/or private parks, geographic distribution of parks, stated goals and issues and local, state and national trends.

Shared School Parks Refers to school parks which currently have joint use agreements with the County. This number has been prorated to 65% to reflect the actual amount of time the facilities are available to the public.

APPENDIX C1

PARK NEEDS ASSESSMENT

COUNTY-WIDE

		Mini Park	Neighborhood Park	Community Park	Civic Park	District Park	Regional Park Preserve
CURRENT							
2000 Population 148,975	Ideal number of Parks	37.2	19.9	9.9	3.7	3.7	1.0
	Existing Parks	4.0	2.0	5.0	2.0	1.0	0.0
	Shared School Parks	6.50	9.10	0.00	0.00	0.00	0.00
	2000 Unadjusted Target	26.74	8.76	4.93	1.72	2.72	0.99
	Adjusted Target	8.00	9.00	4.00	1.00	0.00	0.00
Intermediate							
2005 Population 182,041	2005 Unadjusted Target	8.27	4.41	2.20	0.83	0.83	0.22
	Adjusted Target	3.00	5.00	3.00	1.00	1.00	1.00
Long Term							
2010 Population 218,900	2010 Unadjusted Target	9.21	4.91	2.46	0.92	0.92	0.25
	Adjusted Target	4.00	5.00	2.00	2.00	1.00	0.00
TOTAL UNADJUSTED TARGET		44.23	18.09	9.59	3.47	4.47	1.46
TOTAL ADJUSTED TARGET		15	19	9	4	2	1

Ideal # of Parks: Shows total number of parks required based solely on population.

Unadjusted Target: Refers to parks required in addition to existing parks, based solely on population.
 Unadjusted Target = Ideal Parks - (Existing Parks + Existing Shared School Parks)

Adjusted Target: Reflects subdistrict characteristics, citizen preferences, natural resources, other public and/or private parks, geographic distribution of parks, stated goals and issues and local, state and national trends.

Shared School Parks Refers to school parks which currently have joint use agreements with the County. This number has been prorated to 65% to reflect the actual amount of time the facilities are available to the public.

APPENDIX C2

FACILITY NEEDS ASSESSMENT

SUBDISTRICT 1 - NORTHWEST

		Ball Field	Basketball Ct	Community Ctr	Football Field	Golf Course	Gymnasium	Multi Use Trail	Picnic Shelter	Playground	Racquetball Ct	Soccer Field	Swimming Pool	Tennis Court	Track	Volleyball Ct
CURRENT		1/2500	1/5000	1/15000	1/7,500	1/50000	1/20000	1/4000	1/2,000	1/2000	1/20000	1/2,500	1/20000	1/4000	1/20000	1/5000
2000 Population 11,596	Ideal facilities	4.6	2.3	0.8	1.5	0.2	0.6	2.9	5.8	5.8	0.6	4.6	0.6	2.9	0.6	2.3
	Existing Facilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Shared School Facilities	5.0	0.0	0.0	0.3	0.0	2.6	0.0	0.7	1.3	0.0	1.0	0.0	4.0	0.7	0.0
	2000 Unadjusted Target	-0.4	2.3	0.8	1.2	0.2	-2.0	2.9	5.1	4.5	0.6	3.6	0.6	-1.1	-0.1	2.3
	Adjusted Target	5	2	1	1	0	0	3	5	5	0	4	0	1	0	2
INTERMEDIATE																
2005 Pop. 13,339	2005 Unadjusted Target	0.7	0.3	0.1	0.2	0.0	0.1	0.4	0.9	0.9	0.1	0.7	0.1	0.4	0.1	0.3
	Adjusted Target	1	1	0	0	0	0	1	2	1	0	1	0	0	0	1
LONG TERM																
2010 Pop. 16,669	2010 Unadjusted Target	1.3	0.7	0.2	0.4	0.1	0.2	0.8	1.7	1.7	0.2	1.3	0.2	0.8	0.2	0.7
	Adjusted Target	1	0	0	1	0	0	0	1	2	1	1	1	1	0	0
TOTAL UNADJUSTED TARGET		2	3	1	2	0	-2	4	8	7	1	6	1	0	0	3
TOTAL ADJUSTED TARGET		7	3	1	2	0	0	4	8	8	1	6	1	2	0	3

Ideal number of Facilities: Shows total number of facilities required based solely on population.

Unadjusted Target: Refers to new facilities required in addition to existing facilities, based solely on population.
Unadjusted Target = Ideal Facilities - (Existing Facilities + Existing Shared School Facilities)

Adjusted Target: Reflects subdistrict characteristics, citizen preferences, natural resources, other public and/or private facilities, geographic distribution of parks, stated goals and issues, and local, state and national trends.

Shared School Facilities: Schools which currently have joint use agreements with the County. Number has been prorated to 65% (except for ball fields, soccer & tennis counted at 100%) to reflect actual amount of time the facilities are available for public use.

APPENDIX C2

FACILITY NEEDS ASSESSMENT

SUBDISTRICT 2 - NORTH

		Ball Field	Basketball Ct	Community Ctr	Football Field	Golf Course	Gymnasium	Multi Use Trail	Picnic Shelter	Playground	Racquetball Ct	Soccer Field	Swimming Pool	Tennis Court	Track	Volleyball Ct
CURRENT		1/2500	1/5000	1/15000	1/7,500	1/50000	1/20000	1/4000	1/2,000	1/2000	1/20000	1/2,500	1/20000	1/4000	1/20000	1/5000
2000 Population 39,776	Ideal facilities	15.9	8.0	2.7	5.3	0.8	2.0	9.9	19.9	19.9	2.0	15.9	2.0	9.9	2.0	8.0
	Existing Facilities	3.0	3.0	0.0	0.5	0.0	0.0	3.5	10.0	6.0	0.0	0.5	0.0	4.0	0.0	6.0
	Shared School Facilities	2.0	1.3	0.0	0.0	0.0	0.0	0.0	0.7	3.9	0.0	1.0	0.0	0.0	0.0	0.0
	2000 Unadjusted Target	10.9	3.7	2.7	4.8	0.8	2.0	6.4	9.24	10.0	2.0	14.4	2.0	5.9	2.0	2.0
	Adjusted Target	11	4	2	4	0	2	6	9	10	2	14	1	6	2	2
INTERMEDIATE																
2005 Pop. 44,319	2005 Unadjusted Target	1.8	0.9	0.3	0.6	0.1	0.2	1.1	2.3	2.3	0.2	1.8	0.2	1.1	0.2	0.9
	Adjusted Target	2	1	0	1	0	0	1	2	2	0	2	0	1	0	1
LONG TERM																
2010 Pop. 51,060	2010 Unadjusted Target	2.7	1.3	0.4	0.9	0.1	0.3	1.7	3.4	3.4	0.3	2.7	0.3	1.7	0.3	1.3
	Adjusted Target	2	1	1	1	0	0	2	4	4	0	3	0	2	0	1
TOTAL UNADJUSTED TARGET		15.4	6	3	6	1	3	9	15	16	3	19	3	9	3	4
TOTAL ADJUSTED TARGET		15	6	3	6	0	2	9	15	16	2	19	1	9	2	4

Ideal number of Facilities: Shows total number of facilities required based solely on population.

Unadjusted Target: Refers to new facilities required in addition to existing facilities, based solely on population.
Unadjusted Target = Ideal Facilities - (Existing Facilities + Existing Shared School Facilities)

Adjusted Target: Reflects subdistrict characteristics, citizen preferences, natural resources, other public and/or private facilities, geographic distribution of parks, stated goals and issues, and local, state and national trends.

Shared School Facilities: Schools which currently have joint use agreements with the County. Number has been prorated to 65% (except for ball fields, soccer & tennis counted at 100%) to reflect actual amount of time the facilities are available for public use.

APPENDIX C2

FACILITY NEEDS ASSESSMENT

SUBDISTRICT 3 - NORTHEAST

		Ball Field	Basketball Ct	Community Ctr	Football Field	Golf Course	Gymnasium	Multi Use Trail	Picnic Shelter	Playground	Racquetball Ct	Soccer Field	Swimming Pool	Tennis Court	Track	Volleyball Ct
CURRENT		1/2500	1/5000	1/15000	1/7,500	1/50000	1/20000	1/4000	1/2,000	1/2000	1/20000	1/2,500	1/20000	1/4000	1/20000	1/5000
2000 Population 12,867	Ideal facilities	5.1	2.6	0.9	1.7	0.3	0.6	3.2	6.4	6.4	0.6	5.1	0.6	3.2	0.6	2.6
	Existing Facilities	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Shared School Facilities	6.5	0.7	0.0	0.7	0.0	2.6	0.0	0.0	1.3	0.0	4.0	0.0	10.0	1.3	0.0
	2000 Unadjusted Target	-2.4	1.9	0.9	1.1	0.3	-2.0	3.2	6.4	5.1	0.6	1.1	0.6	-6.8	-0.7	2.6
	Adjusted Target	3	2	0	1	0	0	3	4	5	0	4	0	0	0	2
INTERMEDIATE																
2005 Pop. 14,183	2005 Unadjusted Target	0.5	0.3	0.1	0.2	0.0	0.1	0.3	0.7	0.7	0.1	0.5	0.1	0.3	0.1	0.3
	Adjusted Target	1	0	0	0	0	0	0	1	1	0	0	0	1	0	1
LONG TERM																
2010 Pop. 15,498	2010 Unadjusted Target	0.5	0.3	0.1	0.2	0.0	0.1	0.3	0.7	0.7	0.1	0.5	0.1	0.3	0.1	0.3
	Adjusted Target	0	1	0	1	0	0	1	1	1	1	1	0	0	0	0
TOTAL UNADJUSTED TARGET		-1	2	1	1	0	-2	4	8	6	1	2	1	-6	-1	3
TOTAL ADJUSTED TARGET		4	3	1	2	0	0	4	6	7	1	5	0	1	0	3

Ideal number of Facilities: Shows total number of facilities required based solely on population.

Unadjusted Target: Refers to new facilities required in addition to existing facilities, based solely on population.
Unadjusted Target = Ideal Facilities - (Existing Facilities + Existing Shared School Facilities)

Adjusted Target: Reflects subdistrict characteristics, citizen preferences, natural resources, other public and/or private facilities, geographic distribution of parks, stated goals and issues, and local, state and national trends.

Shared School Facilities: Schools which currently have joint use agreements with the County. Number has been prorated to 65% (except for ball fields, soccer & tennis counted at 100%) to reflect actual amount of time the facilities are available for public use.

APPENDIX C2

FACILITY NEEDS ASSESSMENT

SUBDISTRICT 4 - CENTRAL

		Ball Field	Basketball Ct	Community Ctr	Football Field	Golf Course	Gymnasium	Multi Use Trail	Picnic Shelter	Playground	Racquetball Ct	Soccer Field	Swimming Pool	Tennis Court	Track	Volleyball Ct
CURRENT		1/2500	1/5000	1/15000	1/7,500	1/50000	1/20000	1/4000	1/2,000	1/2000	1/20000	1/2,500	1/20000	1/4000	1/20000	1/5000
2000 Population 43,657	Ideal facilities	17.5	8.7	2.9	5.8	0.9	2.2	10.9	21.8	21.8	2.2	17.5	2.2	10.9	2.2	8.7
	Existing Facilities	16.5	7.0	6.0	0.5	0.0	3.0	6.8	27.0	18.0	0.0	5.5	1.0	20.0	0.0	11.0
	Shared School Facilities	13.5	5.2	0.0	2.6	0.0	6.5	1.1	0.0	8.5	0.0	7.0	0.0	8.0	3.9	0.7
	2000 Unadjusted Target	-12.5	-3.5	-3.1	2.7	0.9	-7.3	3.0	-5.2	-4.6	2.2	5.0	1.2	-17	-1.7	-2.9
	Adjusted Target	2	0	0	0	0	0	3	0	0	2	5	0	0	1	0
INTERMEDIATE																
2005 Pop. 52,638	2005 Unadjusted Target	3.6	1.8	0.6	1.2	0.2	0.4	2.2	4.5	4.5	0.4	3.6	0.4	2.2	0.4	1.8
	Adjusted Target	3	2	0	1	0	0	2	0	4	0	4	0	2	0	1
LONG TERM																
2010 Pop. 61,619	2010 Unadjusted Target	3.6	1.8	0.6	1.2	0.2	0.4	2.2	4.5	4.5	0.4	3.6	0.4	2.2	0.4	1.8
	Adjusted Target	4	2	1	1	0	0	3	4	3	1	4	1	2	1	2
TOTAL UNADJUSTED TARGET		-5	0	-2	5	1	-6	7	4	4	3	12	2	-13	-1	1
TOTAL ADJUSTED TARGET		9	4	1	2	0	0	8	4	7	3	13	1	4	2	3

Ideal number of Facilities: Shows total number of facilities required based solely on population.

Unadjusted Target: Refers to new facilities required in addition to existing facilities, based solely on population.
Unadjusted Target = Ideal Facilities - (Existing Facilities + Existing Shared School Facilities)

Adjusted Target: Reflects subdistrict characteristics, citizen preferences, natural resources, other public and/or private facilities, geographic distribution of parks, stated goals and issues, and local, state and national trends.

Shared School Facilities: Schools which currently have joint use agreements with the County. Number has been prorated to 65% (except for ball fields, soccer & tennis counted at 100%) to reflect actual amount of time the facilities are available for public use.

APPENDIX C2

FACILITY NEEDS ASSESSMENT

SUBDISTRICT 5 - SOUTHWEST

		Ball Field	Basketball Ct	Community Ctr	Football Field	Golf Course	Gymnasium	Multi Use Trail	Picnic Shelter	Playground	Racquetball Ct	Soccer Field	Swimming Pool	Tennis Court	Track	Volleyball Ct
CURRENT		1/2500	1/5000	1/15000	1/7,500	1/50000	1/20000	1/4000	1/2,000	1/2000	1/20000	1/2,500	1/20000	1/4000	1/20000	1/5000
2000 Population 25,274	Ideal facilities	10.1	5.1	1.7	3.4	0.5	1.3	6.3	12.6	12.6	1.3	10.1	1.3	6.3	1.3	5.1
	Existing Facilities	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
	Shared School Facilities	8.0	2.6	0.0	0.0	0.0	1.3	0.0	0.0	2.0	0.0	2.5	0.0	0.0	1.3	0.0
	2000 Unadjusted Target	2.1	2.5	1.7	2.4	-0.5	0.0	6.3	12.6	10.7	1.3	6.6	1.3	6.3	0.0	5.1
	Adjusted Target	7	3	1	2	0	0	6	12	10	1	6	0	6	0	5
INTERMEDIATE																
2005 Pop. 37,789	2005 Unadjusted Target	5.0	2.5	0.8	1.7	0.3	0.6	3.1	6.3	6.3	0.6	5.0	0.6	3.1	0.6	2.5
	Adjusted Target	5	2	0	2	0	1	3	7	6	1	5	0	3	1	2
LONG TERM																
2010 Pop. 50,304	2010 Unadjusted Target	5.0	2.5	0.8	1.7	0.3	0.6	3.1	6.3	6.3	0.6	5.0	0.6	3.1	0.6	2.5
	Adjusted Target	5	3	1	2	0	1	3	6	6	0	5	1	3	1	3
TOTAL UNADJUSTED TARGET		12	7	3	6	0	1	13	25	23	3	17	3	13	1	10
TOTAL ADJUSTED TARGET		17	8	2	6	0	2	12	25	22	2	16	1	12	2	10

Ideal number of Facilities: Shows total number of facilities required based solely on population.

Unadjusted Target: Refers to new facilities required in addition to existing facilities, based solely on population.
Unadjusted Target = Ideal Facilities - (Existing Facilities + Existing Shared School Facilities)

Adjusted Target: Reflects subdistrict characteristics, citizen preferences, natural resources, other public and/or private facilities, geographic distribution of parks, stated goals and issues, and local, state and national trends.

Shared School Facilities: Schools which currently have joint use agreements with the County. Number has been prorated to 65% (except for ball fields, soccer & tennis counted at 100%) to reflect actual amount of time the facilities are available for public use.

APPENDIX C2

FACILITY NEEDS ASSESSMENT

SUBDISTRICT 6 - SOUTHEAST

		Ball Field	Basketball Ct	Community Ctr	Football Field	Golf Course	Gymnasium	Multi Use Trail	Picnic Shelter	Playground	Racquetball Ct	Soccer Field	Swimming Pool	Tennis Court	Track	Volleyball Ct
CURRENT		1/2500	1/5000	1/15000	1/7,500	1/50000	1/20000	1/4000	1/2,000	1/2000	1/20000	1/2,500	1/20000	1/4000	1/20000	1/5000
2000 Population 15,805	Ideal facilities	6.3	3.2	1.1	2.1	0.3	0.8	4.0	7.9	7.9	0.8	6.3	0.8	4.0	0.8	3.2
	Existing Facilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Shared School Facilities	5.0	2.6	0.0	0.65	0.0	1.3	0.0	0.0	1.95	0.0	1.0	0.0	4.0	0.65	0.0
	2000 Unadjusted Target	1.3	0.6	1.1	1.5	0.3	-0.5	4.0	7.9	6.0	0.8	5.3	0.8	0.0	0.1	3.2
	Adjusted Target	4	1	1	1	0	0	4	8	6	1	6	0	2	0	3
INTERMEDIATE																
2005 Pop. 19,778	2005 Unadjusted Target	1.6	0.8	0.3	0.5	0.1	0.2	1.0	2.0	2.0	0.2	1.6	0.2	1.0	0.2	0.8
	Adjusted Target	1	1	1	1	0	0	1	2	2	0	1	0	1	0	1
LONG TERM																
2010 Pop. 23,750	2010 Unadjusted Target	1.6	0.8	0.3	0.5	0.1	0.2	1.0	2.0	2.0	0.2	1.6	0.2	1.0	0.2	0.8
	Adjusted Target	2	1	0	1	0	1	1	2	2	0	2	1	1	1	1
TOTAL UNADJUSTED TARGET		5	2	2	3	0	0	6	12	10	1	9	1	2	1	5
TOTAL ADJUSTED TARGET		7	3	2	3	0	1	6	12	10	1	9	1	4	1	5

Ideal number of Facilities: Shows total number of facilities required based solely on population.

Unadjusted Target: Refers to new facilities required in addition to existing facilities, based solely on population.
Unadjusted Target = Ideal Facilities - (Existing Facilities + Existing Shared School Facilities)

Adjusted Target: Reflects subdistrict characteristics, citizen preferences, natural resources, other public and/or private facilities, geographic distribution of parks, stated goals and issues, and local, state and national trends.

Shared School Facilities: Schools which currently have joint use agreements with the County. Number has been prorated to 65% (except for ball fields, soccer & tennis counted at 100%) to reflect actual amount of time the facilities are available for public use.

APPENDIX C2

FACILITY NEEDS ASSESSMENT

COUNTY-WIDE

		Ball Field	Basketball Ct	Community Ctr	Football Field	Golf Course	Gymnasium	Multi Use Trail	Picnic Shelter	Playground	Racquetball Ct	Soccer Field	Swimming Pool	Tennis Court	Track	Volleyball Ct
CURRENT		1/2500	1/5000	1/15000	1/7,500	1/50000	1/20000	1/4000	1/2,000	1/2000	1/20000	1/2,500	1/20000	1/4000	1/20000	1/5000
2000 Population 148,975	Ideal facilities	59.6	29.8	9.9	19.9	3.0	7.4	37.2	74.5	74.5	7.4	59.6	7.4	37.2	7.4	29.8
	Existing Facilities	20.5	10.0	6.0	2.0	1.0	3.0	10.3	37.0	24.0	0.0	7.0	1.0	24.0	0.0	17.0
	Shared School Facilities	40.0	12.4	0.0	4.2	0.0	14.3	1.1	1.3	18.9	0.0	16.5	0.0	26.0	7.8	0.7
	2000 Unadjusted Target	-0.9	7.4	3.9	13.6	2.0	-9.9	25.8	36.2	31.6	7.4	36.1	6.4	-12.8	-0.4	12.1
	Adjusted Target	32	12	5	9	0	2	25	38	36	6	39	1	15	3	14
INTERMEDIATE																
2005 Pop. 182,046	2005 Unadjusted Target	13.2	6.6	2.2	4.4	0.7	1.7	8.3	16.5	16.5	1.7	13.2	1.7	8.3	1.7	6.6
	Adjusted Target	13	7	1	5	0	1	8	14	16	1	13	0	8	1	7
LONG TERM																
2010 Pop. 218,900	2010 Unadjusted Target	14.7	7.4	2.5	4.9	0.7	1.8	9.2	18.4	18.4	1.8	14.7	1.8	9.2	1.8	7.4
	Adjusted Target	14	8	3	7	0	2	10	18	18	3	16	4	9	3	7
TOTAL UNADJUSTED TARGET		27	21	9	23	3	-6	43	71	67	11	64	10	5	3	26
TOTAL ADJUSTED TARGET		59	27	9	21	0	5	43	70	70	10	68	5	32	7	28

Ideal number of Facilities: Shows total number of facilities required based solely on population.

Unadjusted Target: Refers to new facilities required in addition to existing facilities, based solely on population.
Unadjusted Target = Ideal Facilities - (Existing Facilities + Existing Shared School Facilities)

Adjusted Target: Reflects sub-district characteristics, citizen preferences, natural resources, other public and/or private facilities, geographic distribution of parks, stated goals and issues, and local, state and national trends.

Shared School Facilities: Schools which currently have joint use agreements with the County. Number has been prorated to 65% (except for ball fields, soccer & tennis counted at 100%) to reflect actual amount of time the facilities are available for public use.

APPENDIX C3

PARK AND FACILITY NEEDS SUMMARY

SUBDISTRICT 1 - NORTHWEST

	Ball field	Basketball Ct	Community Ctr	Football Field	Golf Course	Gymnasium	Trail	Picnic Shelter	Playground	Racquetball Ct	Soccer Field	Swimming Pool	Tennis Court	Track	Volleyball Ct
CURRENT															
Adjusted Facility Target	5	2	1	1	0	0	3	5	5	0	4	0	1	0	2
Park Type	Adjusted Park Target														
Mini Park	1								1						
Neighborhood Pk	0	0		0			0.0	0	0				0		
Community Park	1	3	2	1			1.0	3	2		3	0	2		2
Civic Park	0						0.0	0	0						
District Park	0						0.0	0	0						0
Subtotal Park Facilities	3	2	1	0	0	0	1.0	3	3	0	3	0	2	0	2
Additional Facility Target	2	0	0	1	0	0	2.0	2	2	0	1	0	-1	0	0
INTERMEDIATE															
Adjusted Facility Target	1	1	0	0	0	0	1	2	1	0	1	0	0	0	1
Park Type	Adjusted Park Target														
Mini Park	0								0						
Neighborhood Pk	0	0	0	0			0.0	0	0		0		0		
Community Park	0	0	0	0			0.0	0	0		0	0	0		0
Civic Park	0						0.0	0	0						
District Park	1						3.0	10	2						3
Subtotal Park Facilities	0	0	0	0	0	0	3.0	10	2	0	0	0	0	0	3
Balance from 2000		0										0	1		
Additional Facility Target	1	1	0	0	0	0	-2.0	-8	-1	0	1	0	-1	0	-2
LONG TERM															
Adjusted Facility Target	1	0	0	1	0	0	0	1	2	1	1	1	1	0	0
Park Type	Adjusted Park Target														
Mini Park	1								1						
Neighborhood Pk	0	0	0	0			0.0	0	0						
Community Park	1	3	2	0			1.0	3	2		3	1	2		2
Civic Park	0						0.0	0	0						
District Park	0						0.0	0	0						0
Subtotal Park Facilities	3	2	0	0	0	0	1.0	3	3	0	3	1	2	0	2
Balance from 2005							2.0	8	1				1		2
Additional Facility Target	-2	-2	0	1	0	0	-3.0	-10	-2	1	-2	0	-2	0	-4
Total Adjusted Target	7	3	1	2	0	0	4	8	8	1	6	1	2	0	3
Facilities in park models	6	4	1	0	0	0	5.0	16	8	0	6	1	4	0	7
TOTAL Additional Facilities	1	0	0	2	0	0	0.0	0	0	1	0	0	0	0	0

APPENDIX C3

PARK AND FACILITY NEEDS SUMMARY

SUBDISTRICT 2 - NORTH

	Ball field	Basketball Ct	Community Ctr	Football Field	Golf Course	Gymnasium	Trail	Picnic Shelter	Playground	Racquetball Ct	Soccer Field	Swimming Pool	Tennis Court	Track	Volleyball Ct
CURRENT															
Adjusted Facility Target	11	4	2	4	0	2	6	9	10	2	14	1	6	2	2
Park Type	Adjusted Park Target														
Mini Park	5								5						
Neighborhood Pk	5	10	1	1			2.5	5	5		4		4		
Community Park	0	0	0.0	0			0.0	0	0		0.0	0	0.0		0
Civic Park	0						0.0	0	0						
District Park	0						0.0	0	0						0
Subtotal Park Facilities	10	1	0	1	0	0	2.5	5	10	0	4	0	4	0	0
Additional Facility Target	1	3	2	3	0	2	3.5	4	0	2	10	1	2	2	2
INTERMEDIATE															
Adjusted Facility Target	2	1	0	1	0	0	1	2	2	0	2	0	1	0	1
Park Type	Adjusted Park Target														
Mini Park	1								1						
Neighborhood Pk	1	2	0	1			0.5	1	1		0		1		
Community Park	1	3	2	1			1.0	3	2		3	0	2		2
Civic Park	0						0.0	0	0						
District Park	0						0.0	0	0						0
Subtotal Park Facilities	5	2	1	1	0	0	1.5	4	4	0	3	0	3	0	2
Balance from 2000															
Additional Facility Target	-3	-1	-1	0	0	0	-0.5	-2	-2	0	-1	0	-2	0	-1
LONG TERM															
Adjusted Facility Target	2	1	1	1	0	0	2	4	4	0	3	0	2	0	1
Park Type	Adjusted Park Target														
Mini Park	2								2						
Neighborhood Pk	1	2	1	0			0.5	1	1		1		0		
Community Park	0	0	0.0	0			0.0	0	0		0.0	0	0.0		0
Civic Park	0						0.0	0	0						
District Park	0						0.0	0	0						0
Subtotal Park Facilities	2	1	0	0	0	0	0.5	1	3	0	1	0	0	0	0
Balance from 2005	3	1	1				0.5	2	2		1		2		1
Additional Facility Target	-3	-1	0	1	0	0	1.0	1	-1	0	1	0	0	0	0
Total Adjusted Need	15	6	3	6	0	2	9.0	15	16	2	19	1	9	2	4
Facilities in park models	17	4	1	2	0	0	4.5	10	17	0	8	0	7	0	2
TOTAL Additional Facilities	0	2	2	4	0	2	4.5	5	0	2	11	1	2	2	2

APPENDIX C3

PARK AND FACILITY NEEDS SUMMARY

SUBDISTRICT 3 - NORTHEAST

	Ball field	Basketball Ct	Community Ctr	Football Field	Golf Course	Gymnasium	Trail	Picnic Shelter	Playground	Racquetball Ct	Soccer Field	Swimming Pool	Tennis Court	Track	Volleyball Ct
CURRENT															
Adjusted Facility Target	3	2	0	1	0	0	3	4	5	0	4	0	0	0	2
Park Type	Adjusted Park Target														
Mini Park	0								0						
Neighborhood Pk	0	0					0.0	0	0		0		0		
Community Park	1	3	2	1			1.0	3	2		3	0	2		2
Civic Park	0						0.0	0	0						
District Park	0						0.0	0	0						0
Subtotal Park Facilities	3	2	1	0	0	0	1.0	3	2	0	3	0	2	0	2
Additional Facility Target	0	0	-1	1	0	0	2.0	1	3	0	1	0	-2	0	0
INTERMEDIATE															
Adjusted Facility Target	1	0	0	0	0	0	0	1	1	0	0	0	1	0	1
Park Type	Adjusted Park Target														
Mini Park	0								0						
Neighborhood Pk	0	0	0	0			0.0	0	0		0		0		
Community Park	1	3	2	1			1.0	3	2		3	0	2		2
Civic Park	0						0.0	0	0						
District Park	0						0.0	0	0						0
Subtotal Park Facilities	3	2	1	0	0	0	1.0	3	2	0	3	0	2	0	2
Balance from 2000			1										2		
Additional Facility Target	-2	-2	-2	0	0	0	-1.0	-2	-1	0	-3	0	-3	0	-1
LONG TERM															
Adjusted Facility Target	0	1	0	1	0	0	1	1	1	1	1	0	0	0	0
Park Type	Adjusted Park Target														
Mini Park	0								0						
Neighborhood Pk	0	0	0	0			0.0	0	0		0		0		
Community Park	0	0	0	0			0.0	0	0		0	0	0		0
Civic Park	1						1.0	3	1						
District Park	1						3.0	10	2						3
Subtotal Park Facilities	0	0	0	0	0	0	4.0	13	3	0	0	0	0	0	3
Balance from 2005	2	2	2				1.0	2	1		3		3		1
Additional Facility Target	-2	-1	-2	1	0	0	-4.0	-14	-3	1	-2	0	-3	0	-4
Total Adjusted Need	4	3	0	2	0	0	4	6	7	1	5	0	1	0	3
Facilities in park models	6	4	2	0	0	0	6.0	19	7	0	6	0	4	0	7
TOTAL Additional Facilit	0	0	0	2	0	0	0.0	0	0	1	0	0	0	0	0

APPENDIX C3

PARK AND FACILITY NEEDS SUMMARY

SUBDISTRICT 4 - CENTRAL

	Ball field	Basketball Ct	Community Ctr	Football Field	Golf Course	Gymnasium	Trail	Picnic Shelter	Playground	Racquetball Ct	Soccer Field	Swimming Pool	Tennis Court	Track	Volleyball Ct
CURRENT															
Adjusted Facility Target	2	0	0	0	0	0	3	0	0	2	5	0	0	1	0
Park Type	Adjusted Park Target														
Mini Park	1								1						
Neighborhood Pk	1	2	1	0			0.5	1	1		1		0		
Community Park	0	0	0	0			0.0	0	0		0	0	0		0
Civic Park	1						1.0	3	1						
District Park	0						0.0	0	0						0
Subtotal Park Facilities	2	1	0	0	0	0	1.5	4	3	0	1	0	0	0	0
Additional Facility Target	0	-1	0	0	0	0	1.5	-4	-3	2	4	0	0	1	0
INTERMEDIATE															
Adjusted Facility Target	3	2	0	1	0	0	2	0	4	0	4	0	2	0	1
Park Type	Adjusted Park Target														
Mini Park	0								0						
Neighborhood Pk	2	4	1	0			1.0	2	2		2		1		
Community Park	1	3	2.0	1			1.0	3	2		3	0	2		2
Civic Park	0						0.0	0	0						
District Park	0						0.0	0	0						0
Subtotal Park Facilities	7	3	1	0	0	0	2.0	5	4	0	5	0	3	0	2
Balance from 2000		1						4	3						
Additional Facility Target	-4	-2	-1	1	0	0	0.0	-9	-3	0	-1	0	-1	0	-1
LONG TERM															
Adjusted Facility Target	4	2	1	1	0	0	3	4	3	1	4	1	2	1	2
Park Type	Adjusted Park Target														
Mini Park	0								0						
Neighborhood Pk	1	2	0	0			0.5	1	1		1		1		
Community Park	0	0	0	0			0.0	0	0		0	0	0		0
Civic Park	0						0.0	0	0						
District Park	0						0.0	0	0						0
Subtotal Park Facilities	2	0	0	0.0	0	0	0.5	1	1	0	1	0	1	0	0
Balance from 2005	4	2	1					9	1				1		1
Additional Facility Target	-2	0	0	1	0	0	2.5	-6	1	1	3	1	0	1	1
Total Adjusted Need	9	4	1	2	0	0	8	4	7	3	13	1.0	4	2	3
Facilities in park models	11	4	1	0	0	0	4.0	10	8	0	7	0.0	4	0	2
TOTAL Additional Facilities	0	0	1	2.0	0	0	4.0	0	0	3	6	1.0	0	2	1

APPENDIX C3

PARK AND FACILITY NEEDS SUMMARY

SUBDISTRICT 5 - SOUTHWEST

	Ball field	Basketball Ct	Community Ctr	Football Field	Golf Course	Gymnasium	Trail	Picnic Shelter	Playground	Racquetball Ct	Soccer Field	Swimming Pool	Tennis Court	Track	Volleyball Ct
CURRENT															
Adjusted Facility Target	7	3	1	2	0	0	6	12	10	1	6	0	6	0	5
Park Type	Adjusted Park Target														
Mini Park	1								1						
Neighborhood Pk	2	4	1	1			1.0	2	2		1		1		
Community Park	1	3	2	1			1.0	3	2		3	0	2		2
Civic Park	0						0.0	0	0						
District Park	0						0.0	0	0						0
Subtotal Park Facilities	7	3	1	1	0	0	2.0	5	5	0	4	0	3	0	2
Additional Facility Target	0	0	0	1	0	0	4.0	7	5	1	2	0	3	0	3
INTERMEDIATE															
Adjusted Facility Target	5	2	0	2	0	1	3	7	6	1	5	0	3	1	2
Park Type	Adjusted Park Target														
Mini Park	2								2						
Neighborhood Pk	2	4	0	0			1.0	2	2		2		2		
Community Park	0	0	0	0			0.0	0	0		0	0	0		0
Civic Park	1						1.0	3	1						
District Park	0						0.0	0	0						0
Subtotal Park Facilities	4	0	0	0	0	0	2.0	5	5	0	2	0	2	0	0
Balance from 2000															
Additional Facility Target	1	2	0	2	0	1	1.0	2	1	1	3	0	1	1	2
LONG TERM															
Adjusted Facility Target	5	3	1	2	0	1	3	6	6	0	5	1	3	1	3
Park Type	Adjusted Park Target														
Mini Park	1								1						
Neighborhood Pk	2	4	1	1			1.0	2	2		1		1		
Community Park	1	3	2.0	0			1.0	3	2		3	1	2		2
Civic Park	0						0.0	0	0						
District Park	0						0.0	0	0						0
Subtotal Park Facilities	7	3	0	1	0	0	2.0	5	5	0	4	1	3	0	2
Balance from 2005															
Additional Facility Target	-2	0	1	1	0	1	1.0	1	1	0	1	0	0	1	1
Total Adjusted Need	17	8	2	6	0	2	12	25	22	2	16	1	12	2	10
Facilities in park models	18	6	1	2	0	0	6.0	15	15	0	10	1	8	0	4
TOTAL Additional Facilities	0	2	1	4	0	2	6.0	10	7	2	6	0	4	2	6

APPENDIX C3

PARK AND FACILITY NEEDS SUMMARY

SUBDISTRICT 6 - SOUTHEAST

	Ball field	Basketball Ct	Community Ctr	Football Field	Golf Course	Gymnasium	Trail	Picnic Shelter	Playground	Racquetball Ct	Soccer Field	Swimming Pool	Tennis Court	Track	Volleyball Ct
CURRENT															
Adjusted Facility Target	4	1	1	1	0	0	4	8	6	1	6	0	2	0	3
Park Type	Adjusted Park Target														
Mini Park	0								0						
Neighborhood Pk	1	2	0	0			0.5	1	1		1		1		
Community Park	1	3	2	1			1.0	3	2		3	0	2		2
Civic Park	0						0.0	0	0						
District Park	0						0.0	0	0						0
Subtotal Park Facilities	5	2	1	0	0	0	1.5	4	3	0	4	0	3	0	2
Additional Facility Target	-1	-1	0	1	0	0	2.5	4	3	1	2	0	-1	0	1
INTERMEDIATE															
Adjusted Facility Target	1	1	1	1	0	0	1	2	2	0	1	0	1	0	1
Park Type	Adjusted Park Target														
Mini Park	0								0						
Neighborhood Pk	0	0	0	0			0.0	0	0		0		0		
Community Park	0	0	0	0			0.0	0	0		0	0	0		0
Civic Park	0						0.0	0	0						
District Park	0						0.0	0	0						0
Subtotal Park Facilities	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0	0
Balance from 2000	1	1											1		
Additional Facility Target	0	0	1	1	0	0	1.0	2	2	0	1	0	0	0	1
LONG TERM															
Adjusted Facility Target	2	1	0	1	0	1	1	2	2	0	2	1	1	1	1
Park Type	Adjusted Park Target														
Mini Park	0								0						
Neighborhood Pk	1	2	1	0			0.5	1	1		1		0		
Community Park	0	0	0	0			0.0	0	0		0	0	0		0
Civic Park	1						1.0	3	1						
District Park	0						0.0	0	0						0
Subtotal Park Facilities	2	1	0	0	0	0	1.5	4	2	0	1	0	0	0	0
Balance from 2005															
Additional Facility Target	0	0	0	1	0	1	-0.5	-2	0	0	1	1	1	1	1
Total Adjusted Need	7	3	2	3	0	1	6	12	10	1	9	1	4	1	5
Facilities in park models	7	3	1	0	0	0	3.0	8	5	0	5	0	3	0	2
TOTAL Additional Facilities	0	0	1	3	0	1	3.0	4	5	1	4	1	1	1	3

Appendix C.4

**LIVABLE COMMUNITY BLUEPRINT FOR CABARRUS COUNTY
PARK ACREAGE SUMMARY**

CLOSE TO HOME						REGIONAL				
Subdistrict	Current				Proposed		Current		Proposed	
Population	Public	Acres/1000	Public & School	Acres/1000		Acres/1000	Acres	Acres/1000		Acres/1000
Subdistrict 1										
11,596	0	0.00	24.7	2.13			0	0.00		
16,669					112	8.20			200	12.00
Subdistrict 2										
39,776	162	4.07	20	4.56			0	0.00		
51,060					168	6.84			0	0.00
Subdistrict 3										
12,867	5	0.39	23	2.16			0	0.00	Landfill	
15,498					111	8.95			75	4.84
Subdistrict 4										
43,657	184	4.21	79	6.03			217	4.97		
61,619					123	6.27			0	3.52
Subdistrict 5										
25,274	31	1.23	16	1.84			0	0.00		
50,304					205	5.00			0	0.00
Subdistrict 6										
15,805	0	0.00	5	0.33			0	0.00	Reed GM	
23,750					86	3.84			500	21.05
All Sub's										
148,975	382	2.56	167	3.68			217	1.46		
218,900					805	6.18			775	4.53

APPENDIX D

PARK AND FACILITY COSTS

SUBDISTRICT 1 - NORTHWEST

Land Cost per Acre is: \$18,000

			Subtotal	Capital Cost per	Subtotal	Subtotal
Parks	Quantity	Acres	Land Cost	park or facility	Capital Cost	Land & Capital Cost
Current						
Mini Park	1	1	\$18,000	\$91,544	\$91,544	\$109,544
Community Park	1	55	\$0	\$4,035,565	\$4,035,565	\$4,035,565
Current Park Costs			\$18,000		\$4,127,109	\$4,145,109
Intermediate						
District Park	1	200	\$3,600,000	\$3,970,848	\$3,970,848	\$7,570,848
Intermediate Park Costs			\$3,600,000		\$3,970,848	\$7,570,848
Long Term						
Mini Park	1	1	\$18,000	\$91,544	\$91,544	\$109,544
Community Park	1	55	\$990,000	\$4,035,565	\$4,035,565	\$5,025,565
Long Term Park Costs			\$1,008,000		\$4,127,109	\$5,135,109
TOTAL PARK COSTS			\$4,626,000		\$12,225,066	\$16,851,066
Additional Facilities						
Ball fields	1		N/A	\$276,386	\$276,386	\$276,386
Football Field	2		N/A	\$214,775	\$429,550	\$429,550
Racquetball Court	1		N/A	\$17,864	\$17,864	\$17,864
Total Additional Facility Costs			0		\$723,800	\$723,800
TOTAL COSTS			\$4,626,000		\$12,948,866	\$17,574,866

APPENDIX D

PARK AND FACILITY COSTS

SUBDISTRICT 2 - NORTH

Land Cost per Acre is: \$16,000

			Subtotal	Capital Cost per	Subtotal	Subtotal
Parks	Quantity	Acres	Land Cost	park or facility	Capital Cost	Land & Capital Cost
Current						
Mini Park	5	1	\$80,000	\$91,544	\$457,720	\$537,720
Neighborhood Park	5	15	\$240,000	\$1,339,696	\$6,698,480	\$6,938,480
Current Park Costs			\$320,000		\$7,156,200	\$7,476,200
Intermediate						
Mini Park	1	1	\$16,000	\$91,544	\$91,544	\$107,544
Neighborhood Park	1	15	\$240,000	\$1,339,696	\$1,339,696	\$1,579,696
Community Park	1	55	\$880,000	\$4,035,565	\$4,035,565	\$4,915,565
Intermediate Park Costs			\$1,136,000		\$5,466,805	\$6,602,805
Long Term						
Mini Park	2	1	\$32,000	\$91,544	\$183,088	\$215,088
Neighborhood Park	1	15	\$240,000	\$1,339,696	\$1,339,696	\$1,579,696
Long Term Park Costs			\$272,000		\$1,522,784	\$1,794,784
TOTAL PARK COSTS			\$1,728,000		\$14,145,789	\$15,873,789
Additional Facilities						
Basketball Court	2		N/A	\$23,650	\$47,300	\$47,300
Community Center	2		N/A	\$440,000	\$880,000	\$880,000
Football Field	4		N/A	\$214,775	\$859,100	\$859,100
Gymnasium	2		N/A	\$1,320,000	\$2,640,000	\$2,640,000
Multi-use Trail	5		N/A	\$101,200	\$455,400	\$455,400
Picnic Shelter	5		N/A	\$25,080	\$125,400	\$125,400
Racquetball Court	2		N/A	\$17,864	\$35,728	\$35,728
Soccer Field	11		N/A	\$213,675	\$2,350,425	\$2,350,425
Swimming Pool	1		N/A	\$445,886	\$445,886	\$445,886
Tennis Court	2		N/A	\$37,070	\$74,140	\$74,140
Track	2		N/A	\$165,238	\$330,476	\$330,476
Volleyball Court	2		N/A	\$3,982	\$7,964	\$7,964
Total Additional Facility Costs			0		\$8,251,819	\$8,251,819
TOTAL COSTS			\$1,728,000		\$22,397,608	\$24,125,608

APPENDIX D

PARK AND FACILITY COSTS

SUBDISTRICT 3 - NORTHEAST

Land Cost per Acre is: \$7,000

			Subtotal	Capital Cost per	Subtotal	Subtotal
Parks	Quantity	Acres	Land Cost	park or facility	Capital Cost	Land & Capital Cost
Current						
Community Park	1	55	\$0	\$4,035,565	\$4,035,565	\$4,035,565
Current Park Costs			\$0		\$4,035,565	\$4,035,565
Intermediate						
Community Park	1	55	\$385,000	\$4,035,565	\$4,035,565	\$4,420,565
Intermediate Park Costs			\$385,000		\$4,035,565	\$4,420,565
Long Term						
Civic Park	1		\$0	\$335,000	\$335,000	\$335,000
District Park	1	200	\$0	\$3,970,848	\$3,970,848	\$3,970,848
Long Term Park Costs			\$0		\$4,305,848	\$4,305,848
TOTAL PARK COSTS			\$385,000		\$12,376,978	\$12,761,978
Additional Facilities						
Football Field	2		N/A	\$214,775	\$429,550	\$429,550
Racquetball Court	1		N/A	\$17,864	\$17,864	\$17,864
Total Additional Facility Costs			0		\$447,414	\$447,414
TOTAL COSTS			\$385,000		\$12,824,392	\$13,209,392

APPENDIX D

PARK AND FACILITY COSTS

SUBDISTRICT 4 - CENTRAL

Land Cost per Acre is: \$30,000

			Subtotal	Capital Cost per	Subtotal	Subtotal
Parks	Quantity	Acres	Land Cost	park or facility	Capital Cost	Land & Capital Cost
Current						
Mini Park	1	1	\$0	\$91,544	\$91,544	\$91,544
Neighborhood Park	1	15	\$450,000	\$1,339,696	\$1,339,696	\$1,789,696
Civic Park	1		\$0	\$335,000	\$335,000	\$335,000
Current Park Costs			\$450,000		\$1,766,240	\$2,216,240
Intermediate						
Neighborhood Park	2	15	\$900,000	\$1,339,696	\$2,679,392	\$3,579,392
Community Park	1	55	\$1,650,000	\$4,035,565	\$4,035,565	\$5,685,565
Intermediate Park Costs			\$2,550,000		\$6,714,957	\$9,264,957
Long Term						
Neighborhood Park	1	15	\$450,000	\$1,339,696	\$1,339,696	\$1,789,696
Long Term Park Costs			\$450,000		\$1,339,696	\$1,789,696
TOTAL PARK COSTS			\$3,450,000		\$9,820,893	\$13,270,893
Additional Facilities						
Community Center	1		N/A	\$440,000	\$220,000	\$220,000
Football Field	2		N/A	\$214,775	\$429,550	\$429,550
Multi-use Trail	4		N/A	\$101,200	\$404,800	\$404,800
Racquetball Court	3		N/A	\$17,864	\$53,592	\$53,592
Soccer Field	6		N/A	\$213,675	\$1,282,050	\$1,282,050
Swimming Pool	1		N/A	\$445,886	\$445,886	\$445,886
Track	2		N/A	\$165,238	\$330,476	\$330,476
Volleyball Court	1		N/A	\$3,982	\$3,982	\$3,982
Total Additional Facility Costs			0		\$3,170,336	\$3,170,336
TOTAL COSTS			\$3,450,000		\$12,991,229	\$16,441,229

APPENDIX D

PARK AND FACILITY COSTS

SUBDISTRICT 5 - SOUTHWEST

Land cost/acre (south of 49) is: \$18,000

Land cost/acre (north of 49) is: \$40,000

			Subtotal	Capital Cost per	Subtotal	Subtotal
	Quantity	Acres	Land Cost	park or facility	Capital Cost	Land & Capital Cost
Current						
Mini Park	1	1	\$0	\$91,544	\$91,544	\$91,544
Neighborhood Park	2	15	\$600,000	\$1,339,696	\$2,679,392	\$3,279,392
Community Park	1	55	\$0	\$4,035,565	\$4,035,565	\$4,035,565
Current Park Costs			\$600,000		\$6,806,501	\$7,406,501
Intermediate						
Mini Park	2	1	\$0	\$91,544	\$183,088	\$183,088
Neighborhood Park	2	15	\$270,000	\$1,339,696	\$2,679,392	\$2,949,392
Civic Park	1	5	\$0	\$775,000	\$775,000	\$775,000
Intermediate Park Costs			\$270,000		\$3,637,480	\$3,907,480
Long Term						
Mini Park	1	1	\$0	\$91,544	\$91,544	\$91,544
Neighborhood Park	2	15	\$540,000	\$1,339,696	\$2,679,392	\$3,219,392
Community Park	1	55	\$0	\$4,035,565	\$4,035,565	\$4,035,565
Long Term Park Costs			\$540,000		\$6,806,501	\$7,346,501
TOTAL PARK COSTS			\$1,410,000		\$17,250,482	\$18,660,482
Additional Facilities						
Basketball Court	2		N/A	\$23,650	\$47,300	\$47,300
Community Center	1		N/A	\$440,000	\$440,000	\$440,000
Football Field	4		N/A	\$214,775	\$859,100	\$859,100
Gymnasium	2		N/A	\$1,320,000	\$2,640,000	\$2,640,000
Multi-use Trail	6		N/A	\$101,200	\$607,200	\$607,200
Picnic Shelter	10		N/A	\$25,080	\$250,800	\$250,800
Playground	7		N/A	\$50,622	\$354,354	\$354,354
Racquetball Court	2		N/A	\$17,864	\$35,728	\$35,728
Soccer Field	6		N/A	\$213,675	\$1,282,050	\$1,282,050
Tennis Court	4		N/A	\$37,070	\$148,280	\$148,280
Track	2		N/A	\$165,238	\$330,476	\$330,476
Volleyball Court	6		N/A	\$3,982	\$23,892	\$23,892
Total Additional Facility Costs			0		\$7,019,180	\$7,019,180
TOTAL COSTS			\$1,410,000		\$24,269,662	\$25,679,662

APPENDIX D

PARK AND FACILITY COSTS

SUBDISTRICT 6 - SOUTHEAST

Land Cost per Acre is: \$8,000

			Subtotal	Capital Cost per	Subtotal	Subtotal
Parks	Quantity	Acres	Land Cost	park or facility	Capital Cost	Land & Capital Cost
Current						
Neighborhood Park	1	15	\$0	\$1,339,696	\$1,339,696	\$1,339,696
Community Park	1	55	\$440,000	\$4,035,565	\$4,035,565	\$4,475,565
Current Park Costs			\$440,000		\$5,375,261	\$5,815,261
Intermediate						
Regional Park Pres.	1	500	\$0	\$9,000,000	\$9,000,000	\$9,000,000
Intermediate Park Costs			\$0		\$9,000,000	\$9,000,000
Long Term						
Neighborhood Park	1	15	\$0	\$1,339,696	\$1,339,696	\$1,339,696
Civic Park	1	1	\$8,000	\$335,000	\$335,000	\$343,000
Long Term Park Costs			\$8,000		\$1,674,696	\$1,682,696
TOTAL PARK COSTS			\$448,000		\$16,049,957	\$16,497,957
Additional Facilities						
Community Center	1		N/A	\$440,000	\$440,000	\$440,000
Football Field	3		N/A	\$214,775	\$644,325	\$644,325
Gymnasium	1		N/A	\$1,320,000	\$1,320,000	\$1,320,000
Multi-use Trail	3		N/A	\$101,200	\$303,600	\$303,600
Picnic Shelter	4		N/A	\$25,080	\$100,320	\$100,320
Playground	5		N/A	\$50,622	\$253,110	\$253,110
Racquetball Court	1		N/A	\$17,864	\$17,864	\$17,864
Soccer Field	4		N/A	\$213,675	\$854,700	\$854,700
Swimming Pool	1		N/A	\$445,886	\$445,886	\$445,886
Tennis Court	1		N/A	\$37,070	\$37,070	\$37,070
Track	1		N/A	\$165,238	\$165,238	\$165,238
Volleyball Court	3		N/A	\$3,982	\$11,946	\$11,946
Total Additional Facility Costs			0		\$4,594,059	\$4,594,059
TOTAL COSTS			\$448,000		\$20,644,016	\$21,092,016

APPENDIX D

PARK AND FACILITY COSTS

ALL SUBDISTRICTS - COUNTYWIDE

Parks			Subtotal	Capital Cost per	Subtotal	Subtotal
Current	Quantity	Acres	Land Cost	park or facility	Capital Cost	Land & Capital Cost
Mini Park	8	1	\$98,000	\$91,544	\$732,352	\$830,352
Neighborhood Park	9	15	\$1,290,000	\$1,339,696	\$12,057,264	\$13,347,264
Community Park	4	55	\$440,000	\$4,035,565	\$16,142,260	\$16,582,260
Civic Park	1		\$0	\$335,000	\$335,000	\$335,000
Current Park Costs			\$1,828,000		\$29,266,876	\$31,094,876
Intermediate						
Mini Park	3	1	\$16,000	\$91,544	\$274,632	\$290,632
Neighborhood Park	5	15	\$1,410,000	\$1,339,696	\$6,698,480	\$8,108,480
Community Park	3	55	\$2,915,000	\$4,035,565	\$12,106,695	\$15,021,695
Civic Park	1		\$0	\$775,000	\$775,000	\$775,000
District Park	1	200	\$3,600,000	\$3,970,848	\$3,970,848	\$7,570,848
Regional Park Pres	1	500	\$0	\$9,000,000	\$9,000,000	\$9,000,000
Intermediate Park Costs			\$7,941,000		\$32,825,655	\$40,766,655
Long Term						
Mini Park	4	1	\$50,000	\$91,544	\$366,176	\$416,176
Neighborhood Park	5	15	\$1,230,000	\$1,339,696	\$6,698,480	\$7,928,480
Community Park	2	55	\$990,000	\$4,035,565	\$8,071,130	\$9,061,130
Civic Park	2		\$8,000	\$335,000	\$670,000	\$678,000
District Park	1		\$0	\$3,970,848	\$3,970,848	\$3,970,848
Long Term Park Costs			\$2,278,000		\$19,776,634	\$22,054,634
TOTAL PARK COSTS			\$12,047,000		\$81,869,165	\$93,916,165
Additional Facilities						
Ball fields	1		N/A	\$276,386	\$276,386	\$276,386
Basketball Court	4		N/A	\$23,650	\$94,600	\$94,600
Community Center	5		N/A	\$440,000	\$1,980,000	\$1,980,000
Football Field	17		N/A	\$214,775	\$3,651,175	\$3,651,175
Gymnasium	5		N/A	\$1,320,000	\$6,600,000	\$6,600,000
Multi-use Trail	18		N/A	\$101,200	\$1,771,000	\$1,771,000
Picnic Shelter	19		N/A	\$25,080	\$476,520	\$476,520
Playground	12		N/A	\$50,622	\$607,464	\$607,464
Racquetball Court	10		N/A	\$17,864	\$178,640	\$178,640
Soccer Field	27		N/A	\$213,675	\$5,769,225	\$5,769,225
Swimming Pool	3		N/A	\$445,886	\$1,337,658	\$1,337,658
Tennis Court	7		N/A	\$37,070	\$259,490	\$259,490
Track	7		N/A	\$165,238	\$1,156,666	\$1,156,666
Volleyball Court	12		N/A	\$3,982	\$47,784	\$47,784
Total Additional Facility Costs			0		\$24,206,608	\$24,206,608
TOTAL COSTS			\$12,047,000		\$106,075,773	\$118,122,773

APPENDIX E
PARK PROTOTYPE COST ANALYSIS

Description	Quantity	Unit	Unit Cost	Subtotal
MINI PARK - 1 ACRE				
SITWORK				
Earthwork - Rough and Fine	1210	CY @	\$9	\$10,890
SUBTOTAL				\$10,890
UTILITIES				
Water Service	1	LS @	\$1,500	\$1,500
SUBTOTAL				\$1,500
PAVING				
Walks	75	LF @	\$19	\$1,425
SUBTOTAL				\$1,425
LANDSCAPING				
Grassing - Seed	0.5	AC @	\$4,300	\$2,150
Trees and Shrubs	1	LS @	\$5,000	\$5,000
SUBTOTAL				\$7,150
SITE FURNITURE				
Bench	2	EA @	\$600	\$1,200
Trash Receptacles	1	EA @	\$300	\$300
Bicycle Rack	1	EA @	\$800	\$800
SUBTOTAL				\$2,300
SIGNAGE				
Identification Sign	1	EA @	\$1,200	\$1,200
SUBTOTAL				\$1,200
FACILITIES				
Playground	1	EA	\$50,622	\$50,622
Picnic Table	2	EA	\$600	\$1,200
SUBTOTAL				\$51,822
CONTRACTOR'S GENERAL CONDITIONS - 10%	0.1	LS		\$7,629
CONTINGENCY - 10%	0.1	LS		\$7,629
SUBTOTAL				\$91,544

NEIGHBORHOOD PARK - 15 ACRES				
SITWORK				
Clearing & Grubbing	3	AC @	\$5,000	\$15,000
Earthwork - Rough and Fine	4500	CY @	\$9	\$40,500
SUBTOTAL				\$55,500
UTILITIES				
Storm Drainage	500	LF @	\$30	\$15,000
Water Service	1	LS @	\$3,200	\$3,200
Sanitary	1500	LF @	\$18	\$27,000
SUBTOTAL				\$45,200

APPENDIX E
PARK PROTOTYPE COST ANALYSIS

Description	Quantity	Unit	Unit Cost	Subtotal
PAVING				
Walks	750	LF @	\$19	\$14,250
Parking	50	Spaces @	\$775	\$38,750
SUBTOTAL				\$53,000
BUILDINGS				
Restrooms & Maintenance Building - 1000sf	1	LS @	\$135,000	\$135,000
SUBTOTAL				\$135,000
LANDSCAPING				
Grassing - seed	2	AC @	\$4,300	\$8,600
Trees and Shrubs	1	LS @	\$70,000	\$70,000
Irrigation	1	LS @	\$25,000	\$25,000
SUBTOTAL				\$103,600
SITE FURNITURE				
Bench	8	EA @	\$600	\$4,800
Trash Receptacles	7	EA @	\$300	\$2,100
Bicycle Rack	2	EA @	\$1,100	\$2,200
SUBTOTAL				\$9,100
LIGHTING				
Light Standard	4	EA @	\$1,500	\$6,000
Equipment, pedestal, trenching and wiring	1	LS @	\$9,600	\$9,600
SUBTOTAL				\$15,600
SIGNAGE				
Identification Sign	1	EA @	\$7,000	\$7,000
Traffic Signage	1	LS @	\$1,800	\$1,800
SUBTOTAL				\$8,800
FACILITIES				
Playground	1	EA	\$50,622	
Basketball Court	1	EA	\$23,650	
Soccer Football Fields	1	EA	\$213,675	
Ball Fields	2	EA	\$276,386	
Picnic Shelters - 20 x 40	1	EA	\$25,080	
Multi Purpose Trails	0.5	Miles	\$101,200	
SUBTOTAL				\$690,613
CONTRACTOR'S GENERAL CONDITIONS - 10%	0.1	LS		\$111,641
CONTINGENCY - 10%	0.1	LS		\$111,641
SUBTOTAL				\$1,339,696
Football Field	1	EA @	\$214,775	
Tennis Court	1	EA @	\$37,070	

APPENDIX E
PARK PROTOTYPE COST ANALYSIS

Description	Quantity	Unit	Unit Cost	Subtotal
COMMUNITY PARK - 55 ACRES				
SITWORK				
Clearing & Grubbing	10	AC @	\$5,000	\$50,000
Earthwork - Rough and Fine	9000	CY @	\$9	\$81,000
SUBTOTAL				\$131,000
UTILITIES				
Storm Drainage	1500	LF @	\$30	\$45,000
Water Service	1500	LF @	\$30	\$45,000
Sanitary	4500	LF @	\$18	\$81,000
SUBTOTAL				\$171,000
PAVING				
Walks	2000	LF	\$19	\$38,000
Parking	400	Spaces	\$775	\$310,000
SUBTOTAL				\$348,000
BUILDINGS				
Restrooms & Maintenance Building - 1000sf	1	LS @	\$135,000	\$135,000
SUBTOTAL				\$135,000
LANDSCAPING				
Grassing - seed	10	AC @	\$4,300	\$43,000
Trees and Shrubs	1	LS @	\$95,000	\$95,000
Irrigation	1	LS @	\$25,000	\$25,000
SUBTOTAL				\$163,000
SITE FURNITURE				
Bench	8	EA @	\$600	\$4,800
Trash Receptacles	7	EA @	\$300	\$2,100
Bicycle Rack	2	EA @	\$1,100	\$2,200
SUBTOTAL				\$9,100
LIGHTING				
Light Standard	20	EA @	\$1,500	\$30,000
Equipment, pedestal, trenching and wiring	1	LS @	\$48,000	\$48,000
SUBTOTAL				\$78,000
SIGNAGE				
Identification Sign	1	EA @	\$7,000	\$7,000
Traffic Signage	1	LS @	\$3,600	\$3,600
SUBTOTAL				\$10,600

**APPENDIX E
PARK PROTOTYPE COST ANALYSIS**

Description	Quantity	Unit	Unit Cost	Subtotal
FACILITIES				
Playground	2	EA @	\$50,622	\$101,244
Basketball Court	2	EA @	\$23,650	\$47,300
Tennis Court	2	EA @	\$37,070	\$74,140
Community Center	1	EA @	\$440,000	\$440,000
Soccer Fields	3	EA @	\$213,675	\$641,025
Ball Fields	3	EA @	\$276,386	\$829,158
Picnic Shelters - 20 x 40	3	EA @	\$25,080	\$75,240
Volleyball Courts	2	EA @	\$3,982	\$7,964
Multi Purpose Trails	1	Mile @	\$101,200	\$101,200
SUBTOTAL				\$2,317,271
CONTRACTOR'S GENERAL CONDITIONS - 10%	0.1	LS		\$336,297
CONTINGENCY - 10%	0.1	LS		\$336,297
SUBTOTAL				\$4,035,565
If park developed with swimming pool instead of community center			\$445,886	\$4,041,451

CIVIC PARK				
7 acre passive park				\$335,000
3 acre rural town center				\$335,000
5 acre urban town center				\$775,000

DISTRICT PARK - 200 ACRES				
SITWORK				
Clearing & Grubbing	35	AC @	\$5,000	\$175,000
Earthwork - Rough and Fine	32000	CY @	\$9	\$288,000
SUBTOTAL				\$463,000
UTILITIES				
Storm Drainage	7500	LF @	\$30	\$225,000
Water Service	7500	LF @	\$30	\$225,000
Sanitary	24000	LF @	\$30	\$720,000
SUBTOTAL				\$1,170,000
PAVING				
Walks	5000	LF	\$19	\$95,000
Parking	400	Spaces	\$775	\$310,000
SUBTOTAL				\$405,000
BUILDINGS				
Restrooms & Maintenance Building - 1000sf	1	LS @	\$135,000	\$135,000
SUBTOTAL				\$135,000

**APPENDIX E
PARK PROTOTYPE COST ANALYSIS**

Description	Quantity	Unit	Unit Cost	Subtotal
LANDSCAPING				
Grassing - seed	25	AC @	\$4,300	\$107,500
Trees and Shrubs	1	LS @	\$140,000	\$140,000
Irrigation	1	LS @	\$50,000	\$50,000
SUBTOTAL				\$297,500
SITE FURNITURE				
Bench	25	EA @	\$600	\$15,000
Picnic Table	20	EA @	\$600	\$12,000
Trash Receptacles	30	EA @	\$300	\$9,000
Bicycle Rack	2	EA @	\$1,100	\$2,200
SUBTOTAL				\$38,200
LIGHTING				
				\$0
Light Standard	23	EA @	\$1,500	\$34,500
Equipment, pedestal, trenching and wiring	1	LS @	\$55,200	\$55,200
SUBTOTAL				\$89,700
SIGNAGE				
Identification Sign	2	EA @	\$7,000	\$14,000
Traffic Signage	1	LS @	\$5,400	\$5,400
SUBTOTAL				\$19,400
FACILITIES				
Playground	2	EA	\$50,622	\$101,244
Basketball Court	1	EA	\$23,650	\$23,650
Picnic Shelters - 20 x 40	10	EA	\$25,080	\$250,800
Volleyball Courts	3	EA	\$3,982	\$11,946
Multi Purpose Trails	3	Miles	\$101,200	\$303,600
SUBTOTAL				\$691,240
CONTRACTOR'S GENERAL CONDITIONS - 10%	0.1	LS @		\$330,904
CONTINGENCY - 10%	0.1	LS		\$330,904
SUBTOTAL				\$3,970,848

REGIONAL PARK PRESERVE	
Estimated cost based on general description.	\$8 -10 million

APPENDIX F
FACILITY PROTOTYPE COST ANALYSIS

BALL FIELD		QUANTITY	UNIT	UNIT COST	SUBTOTAL
A	Clearing & Grubbing	2	AC @	\$5,000	\$10,000
B	Earthwork	6500	CY @	\$8	\$52,000
C	Fine Grading	9600	SY @	\$4	\$38,400
D	Grassing - Sprigs	1.8	AC @	\$8,700	\$15,660
E	Surfacing - Sand clay infield	300	CY @	\$19	\$5,700
F	Irrigation	1.8	AC @	\$12,000	\$21,600
G	Lighting - concrete poles	1	LS @	\$70,000	\$70,000
H	Fencing	1	LS @	\$16,000	\$16,000
I	Backstop (30' back, 10' wings, w/hood)	130	LF @	\$60	\$7,800
J	Players Bench	2	EA @	\$650	\$1,300
K	Dugout Shelter	2	EA @	\$3,200	\$6,400
L	Bleachers - 5 rows, 50 seats	2	EA @	\$3,200	\$6,400
M	Contingency - 10%	0.1	LS		\$25,126
SUBTOTAL					\$276,386

COMMUNITY CENTER		QUANTITY	UNIT	UNIT COST	SUBTOTAL
A	Building with built in equipment	4000	SF @	\$100	\$400,000
B	Contingency - 10%	0.1	LS		\$40,000
SUBTOTAL					\$440,000

FOOTBALL FIELD		QUANTITY	UNIT	UNIT COST	SUBTOTAL
A	Clearing & Grubbing	1.5	AC @	\$5,000	\$7,500
B	Earthwork	6000	CY @	\$8	\$48,000
C	Fine Grading	7200	SY @	\$4	\$28,800
d	Grassing - Sprigs	1.5	AC @	\$8,700	\$13,050
E	Irrigation	1.5	AC @	\$12,000	\$18,000
F	Lighting - concrete poles	1	LS @	\$70,000	\$70,000
G	Bleachers - 5 rows, 50 seats	2	EA @	\$3,200	\$6,400
H	Goal Posts	1	PR @	\$3,500	\$3,500
I	Contingency - 10%	0.1	LS		\$19,525
SUBTOTAL					\$214,775

GYMNASIUM		QUANTITY	UNIT	UNIT COST	SUBTOTAL
A	Building with built in equipment	12000	SF @	\$100	\$1,200,000
B	Contingency - 10%	0.1	LS		\$120,000
SUBTOTAL					\$1,320,000

APPENDIX F
FACILITY PROTOTYPE COST ANALYSIS

MULTI-PURPOSE TRAIL		QUANTITY	UNIT	UNIT COST	SUBTOTAL
A	Asphalt Trail - 10' wide	1	Mile @	\$92,000	\$92,000
B	Contingency - 10%	0.1	LS		\$9,200
SUBTOTAL					\$101,200

OUTDOOR BASKETBALL COURT		QUANTITY	UNIT	UNIT COST	SUBTOTAL
A	Clearing & Grubbing	0.16	AC @	\$5,000	\$800
B	Earthwork - Rough and Fine	400	CY @	\$9	\$3,600
C	Surfacing - Asphalt with painted lines	800	SY @	\$12	\$9,600
D	Backboard and post	1	PR @	\$900	\$900
E	Fencing - 10', with gate	1	LS @	\$6,600	\$6,600
F	Contingency - 10%	0.1	LS		\$2,150
SUBTOTAL					\$23,650

PICNIC SHELTER		QUANTITY	UNIT	UNIT COST	SUBTOTAL
A	Picnic Shelter (20 x 40)	1	EA @	\$18,000	\$18,000
B	Picnic Table	8	EA @	\$600	\$4,800
C	Contingency - 10%	0.1	LS		\$2,280
SUBTOTAL					\$25,080

PLAYGROUND		QUANTITY	UNIT	UNIT COST	SUBTOTAL
A	Clearing & Grubbing	0.25	AC @	\$5,000	\$1,250
B	Earthwork - Rough and Fine	1210	CY @	\$9	\$10,890
C	Sub-Surface - Sand	277	CY @	\$20	\$5,540
D	Surfacing - ADA	200	SF @	\$10	\$2,000
E	Wood Edging	220	LF @	\$2	\$440
F	Modular Play Structure	1	LS @	\$25,000	\$25,000
G	Bench and Trash Receptacle	1	LS @	\$900	\$900
G	Contingency - 10%	0.1	LS		\$4,602
SUBTOTAL					\$50,622

RAQUETBALL COURT (Outdoor)		QUANTITY	UNIT	UNIT COST	SUBTOTAL
A	Clearing & Grubbing	0.16	AC @	\$5,000	\$800
B	Fine Grading	195	SY @	\$4	\$780
C	Surfacing - Concrete with painted lines	1665	SF @	\$4	\$6,660
D	Wall - 16' high poured concrete	24	LF @	\$150	\$3,600
E	Fencing - 10', with gate	1	LS @	\$3,400	\$3,400
F	Net and End Poles	1	EA @	\$1,000	\$1,000
F	Contingency - 10%	0.1	LS		\$1,624
SUBTOTAL					\$17,864

APPENDIX F
FACILITY PROTOTYPE COST ANALYSIS

SOCCER FIELD		QUANTITY	UNIT	UNIT COST	SUBTOTAL
A	Clearing & Grubbing	1.5	AC @	\$5,000	\$7,500
B	Earthwork	6000	CY @	\$8	\$48,000
C	Fine Grading	7200	SY @	\$4	\$28,800
D	Grassing - Sprigs	1.5	AC @	\$8,700	\$13,050
E	Irrigation	1.5	AC @	\$12,000	\$18,000
F	Lighting - concrete poles	1	LS @	\$70,000	\$70,000
G	Bleachers - 5 rows, 50 seats	2	EA @	\$3,200	\$6,400
H	Goals	1	PR @	\$2,500	\$2,500
I	Contingency - 10%	0.1	LS		\$19,425
SUBTOTAL					\$213,675

SWIMMING POOL (25 M: 45'x80')		QUANTITY	UNIT	UNIT COST	SUBTOTAL
A	Pool - (sitework, excavation, pool and all functional elements of pool)	3600	SF @	\$50	\$180,000
B	Grassing - seed	0.17	AC @	\$4,300	\$731
C	Coated Concrete Decking	7200	SF @	\$8	\$57,600
D	Landscaping	1	LS @	\$10,000	\$10,000
E	Irrigation	1	LS @	\$5,000	\$5,000
F	Bath House and Storage	1200	SF @	\$120	\$144,000
G	Lifeguard Stations	1	EA @	\$1,500	\$1,500
H	Fencing- 6' Chain Link	460	LF @	\$12	\$5,520
I	Gates	2	EA @	\$500	\$1,000
J	Contingency - 10%	0.1	LS		\$40,535
SUBTOTAL					\$445,886

TENNIS COURT		QUANTITY	UNIT	UNIT COST	SUBTOTAL
A	Clearing & Grubbing	0.16	AC @	\$5,000	\$800
B	Earthwork - Rough and Fine	400	CY @	\$9	\$3,600
C	Surfacing - Asphalt with color coat	800	SY @	\$17	\$13,600
D	Lighting	1	LS @	\$8,000	\$8,000
E	Fencing - 10', with gate	1	LS @	\$6,700	\$6,700
F	Net and End Poles	1	EA @	\$1,000	\$1,000
F	Contingency - 10%	0.1	LS		\$3,370
SUBTOTAL					\$37,070

APPENDIX F
FACILITY PROTOTYPE COST ANALYSIS

TRACK		QUANTITY	UNIT	UNIT COST	SUBTOTAL
A	Clearing & Grubbing	2	AC @	\$5,000	\$10,000
B	Earthwork - Rough and Fine	9680	SY @	\$4	\$38,720
C	Surfacing - Asphalt with color coat	5028	SY @	\$17	\$85,476
D	Track edging - steel	2500	LF @	\$4	\$10,000
E	Grassing - seed	1.4	AC @	\$4,300	\$6,020
F	Contingency - 10%	0.1	LS		\$15,022
SUBTOTAL					\$165,238

VOLLEYBALL COURT (Outdoor/Sand)		QUANTITY	UNIT	UNIT COST	SUBTOTAL
A	Clearing & Grubbing	0.1	AC @	\$5,000	\$500
B	Earthwork - Rough and Fine	485	SY @	\$4	\$1,940
C	Surfacing - Sand - 6" depth	33	CY @	\$20	\$660
D	Edging - wood	260	LF @	\$2	\$520
F	Contingency - 10%	0.1	LS		\$362
SUBTOTAL					\$3,982

APPENDIX G			
PARKS PRIORITY MODEL			
SUBDISTRICT 1 -NORTHWEST			
	RANK	PARK TYPE	NEED INDEX
CURRENT PRIORITIES			
2000 Population	1	Community Park	1.29
11,596	2	Mini Park	0.34
INTERMEDIATE PRIORITIES			
2005 Population	3	District Park	2.40
13,335			
LONG TERM PRIORITIES			
2010 Population	4	Community Park	0.90
16,669	5	Mini Park	0.24

APPENDIX G			
PARKS PRIORITY MODEL			
SUBDISTRICT 2 -NORTH			
	RANK	PARK TYPE	NEED INDEX
CURRENT PRIORITIES	1	Neighborhood Park	0.94
2000 Population 39,776	2	Neighborhood Park	0.75
	3	Neighborhood Park	0.57
	4	Mini Park	0.50
	5	Mini Park	0.40
	6	Neighborhood Park	0.38
	7	Mini Park	0.30
	8	Mini Park	0.20
	9	Neighborhood Park	0.19
	10	Mini Park	0.10
INTERMEDIATE PRIORITIES			
2005 Population 44,319	11	Community Park	0.34
	12	Neighborhood Park	0.17
	13	Mini Park	0.09
LONG TERM PRIORITIES			
2010 Population 51,060	14	Mini Park	0.16
	15	Neighborhood Park	0.15
	16	Mini Park	0.08

APPENDIX G			
PARKS PRIORITY MODEL			
SUBDISTRICT 3 -NORTHEAST			
	RANK	PARK TYPE	NEED INDEX
CURRENT PRIORITIES			
2000 Population	1	Community Park	1.17
12,867			
INTERMEDIATE PRIORITIES			
2005 Population	2	Community Park	1.06
14,183			
LONG TERM PRIORITIES			
2010 Population	3 tie	District Park	2.58
15,498	3 tie	Civic Park	2.58

APPENDIX G			
PARKS PRIORITY MODEL			
SUBDISTRICT 4 -CENTRAL			
	RANK	PARK TYPE	NEED INDEX
CURRENT PRIORITIES			
2000 Population 43,657	1	Civic Park	0.92
	2	Neighborhood Park	0.17
	3	Mini Park	0.09
INTERMEDIATE PRIORITIES			
2005 Population 52,638	4	Community Park	0.28
	5	Neighborhood Park	0.28
	6	Neighborhood Park	0.14
LONG TERM PRIORITIES			
2010 Population 61,619	7	Neighborhood Park	0.12

APPENDIX G			
PARKS PRIORITY MODEL			
SUBDISTRICT 5 -SOUTHWEST			
	RANK	PARK TYPE	NEED INDEX
CURRENT PRIORITIES			
2000 Population 25,274	1 tie	Community Park	0.59
	1 tie	Neighborhood Park	0.59
	3	Neighborhood Park	0.30
	4	Mini Park	0.16
INTERMEDIATE PRIORITIES			
2005 Population 37,789	5	Civic Park	1.06
	6	Neighborhood Park	0.40
	7	Mini Park	0.21
	8	Neighborhood Park	0.20
	9	Mini Park	0.11
LONG TERM PRIORITIES			
2010 Population 50,304	10	Community Park	0.30
	11	Neighborhood Park	0.30
	12	Neighborhood Park	0.15
	13	Mini Park	0.08

APPENDIX G			
PARKS PRIORITY MODEL			
SUBDISTRICT 6 -SOUTHEAST			
	RANK	PARK TYPE	NEED INDEX
CURRENT PRIORITIES			
2000 Population	1	Community Park	0.95
15,805	2	Neighborhood Park	0.47
INTERMEDIATE PRIORITIES			
2005 Population	3	Regional Park	7.58
19,778			
LONG TERM PRIORITIES			
2010 Population	4	Civic Park	1.68
23,750	5	Neighborhood Park	0.32

APPENDIX G			
PARKS PRIORITY MODEL			
COUNTYWIDE			
CURRENT PRIORITIES			
PARK TYPE	RANK	SUBDISTRICT	NEED INDEX
Community Park	1	1	1.29
Community Park	2	3	1.17
Community Park	3	6	0.95
Neighborhood Park	4	2	0.94
Civic Park	5	4	0.92
Neighborhood Park	6	2	0.75
Community Park	7 tie	5	0.59
Neighborhood Park	7 tie	5	0.59
Neighborhood Park	9	2	0.57
Mini Park	10	2	0.50
Neighborhood Park	11	6	0.47
Mini Park	12	2	0.40
Neighborhood Park	13	2	0.38
Mini Park	14	1	0.34
Neighborhood Park	15 tie	5	0.30
Mini Park	15 tie	2	0.30
Mini Park	17	2	0.20
Neighborhood Park	18	2	0.19
Neighborhood Park	19	4	0.17
Mini Park	20	5	0.16
Mini Park	21	2	0.10
Mini Park	22	4	0.09

**APPENDIX H-1
 CABARRUS COUNTY LIVABLE COMMUNITY BLUEPRINT
 PUBLIC WORKSHOP QUESTIONNAIRE**

Four public workshops were conducted in various locations around Cabarrus County to give community residents an opportunity to voice their opinions on the topic of recreation in the area. They were held on August 24 at Concord Middle School, on September 6 at North Cabarrus High School, September 7 at J.N. Fries Middle School and September 25 in Concord, all in the year 2000. A written questionnaire was also handed out. The majority of the questionnaires were filled out on the evening of the workshops, however, additional surveys were available for community members not attending the meeting. A total of 53 surveys were returned. The following is a summary of the results of the handout questionnaire:

Community residents were asked to rank, in order of importance, different types of facilities that could be developed in Cabarrus County. The following is a summary of the order they were ranked.

RANK	FACILITY/ACTIVITY
1	JOGGING/WALKING TRAILS (2-3 MILES)
2	BICYCLE TRAILS (3-6 MILES)
TIE	BICYCLE TRAILS (6-12 MILES)
4	JOGGING/WALKING TRAILS (3-6 MILES)
5	PICNIC AREAS
6	OUTDOOR PLAYGROUND
7	BALLFIELD COMPLEX
8	OUTDOOR SWIMMING POOL
9	SOCCER FIELDS
10	BASEBALL/SOFTBALL
11	COMMUNITY RECREATION CENTER WITH A DIRECTOR AND RECREATIONAL PROGRAMS
12	SENIOR CITIZENS CENTERS
13	INDOOR SWIMMING POOL
TIE	IN-LINE SKATING TRAILS (2-3 MILES)
15	OUTDOOR BASKETBALL COURTS
16	IN-LINE SKATING (3-6 MILES)
17	OUTDOOR TENNIS COURTS
18	OUTDOOR TRACK
19	INDOOR GYMNASIUM
20	SAND VOLLEYBALL COURTS
21	HANDBALL/RACQUETBALL COURTS
22	GOLF COURSE
23	FOOTBALL FIELD
24	EQUESTRIAN TRAILS
25	ICE HOCKEY

What other facilities would you like to see developed?

Zip 28025: Concord

- Bigger bike lanes
- Bike lanes along roads to provide access to schools, churches, restaurants, shopping centers, library etc. Sidewalks to schools. Greenways across the country interconnecting municipalities in both Cabarrus and Rowan Counties.
- Baseball for youth is suffering in this County.
- There is a need for a Civic Center
- Passive Park

- Nature Trails
- Areas for canoeing/kayaking in rivers and lakes
- Concord really needs a passive park
- Sidewalk to Myers Park on Lawndale
- Fishing Areas
- Bike Lanes, greenways linking recreation facilities
- Clay tennis courts

Zip Code 28027: Concord

- Par fitness courses on sidewalks or jogging trails. BMX bike or mountain biking course. Radio Controlled airplane field
- I feel that people would like an indoor swimming pool and senior citizens centers
- Skate board park
- Bicycle lanes
- Water playground/water park for summers
- 2-5 acre open spaces, easily accessible to houses and developments

Zip Code 28081: Kannapolis

- Skateboard park, horseshoes, boating/fishing

Zip Code 28082: Kannapolis

- Greenways, arboretum

Zip Code 28083: Kannapolis

- Bicycle lanes on or along side roads

Zip 28107: Midland

- Nature trails on the Rocky River in Southeast Cabarrus Co.

Zip code 29670

- Climbing wall

Community residents were asked to rank, in order of importance, different types of parks that could be developed in Cabarrus County. The following is a summary of the order in which they were ranked.

RANK	PARK TYPE
1	NEIGHBORHOOD PARK - A 3 - 25 acre park that includes a playground, basketball or tennis court, picnic tables and shelter, two ball fields and a walking trail
2	COMMUNITY PARK - A 25 - 70 acre park that includes four or more ball fields, a basketball court, community or recreation center, possibly a swimming pool, a playground, soccer fields, tennis courts and passive areas such as picnic areas and trails
3	CIVIC PARK - A park that focuses on unusual land features such as a river or is of natural or ornamental quality for passive outdoor recreation, festivals and events
4	MINI PARK - A .25 - 3 acre park generally within walking or biking distance of your home that includes a playground and picnic tables
5	DISTRICT PARK - A 100-300 acre park that is within reasonable driving distance. It contains large areas for passive recreation. It may also contain limited active recreation facilities
6	REGIONAL PARK - A 1000+ acre park of natural quality for natural resource-based recreation such as a state park. It contains areas for nature study, picnicking, camping, fishing boating, swimming and various trail uses

Residents were asked which parks or facilities they currently use. Their responses are as follows:

Zip 28025: Concord

- The neighborhood park (2)
- Neighborhood and regional
- Les Myers, Liske, playgrounds at schools
- Les Myers Park (3)
- Recreation Centers/neighborhood parks
- Community parks
- Academy Park and Recreation
- None
- Brown McAllister School playground, nature trail, Coltrane Webb Playground, fitness trails
- Playgrounds at nearby elementary schools, state parks, greenways in Charlotte
- All of them that are in Cabarrus County
- Frank Liske, Les Myers (3)
- Frank Liske, Les Meyers (3)
- Frank Liske, Les Meyers, Beverly Hills
- Les Myers, Beverly Hills Swimming Club, County Roads (cycling)

Zip Code 28027: Concord

- Odell School for kids soccer, Les Myers for tennis and concerts, Frank Liske for soccer and running, Midway field for soccer
- Frank Liske (3)
- Hartsell Recreation Center, Academy Recreation Center and sometime Logan Recreation
- City and County
- Frank Liske, Les Myers (2)
- Frank Liske and Morrow Mt. State Park
- Frank Liske Park, Jetton Park - Mecklenburg County, Mt Morrow State Park, Reed Gold Mine
- Community Park, Civic Park

Zip Code 28081 Kannapolis

- Northwest Cabarrus School track, Poplar Tent mountain bike trails, Public roads for biking
- Dan Nichols
- Bakers Creek, Shadybrook School, Fred L. Wilson School
- None

Zip Code 28082: Kannapolis

- Bakers Creek Park, Frank Liske Park, greenways, ball fields, playgrounds

Zip Code 28083: Kannapolis

- Hartsell Recreation Center
- Dan Nichols-Salisbury, Les Myers-Concord
- None

- North Meck., Jetton

Zip 28107: Midland

- Frank Liske

Zip Code 28124

- National Forest, ball fields
- Ballparks only in Mt. Pleasant

Zip code 29670

- Neighborhood, community and civic parks

Would you use a park or recreation facility more if it were closer to your home or work? Yes - 82% No - 18%

If they answered yes, they were asked to describe the closer to home location.

Zip 28025: Concord

- Within bicycling distance
- Needs to be reached by sidewalks safely
- Concord, Mt. Pleasant
- Downtown Concord towards Northeast Medical Center
- Within walking distance (20 mins.) of Union Street
- Southeast Concord
- Beverly Hills Area
- Bike Lanes, Trails for Transportation

Zip Code 28027: Concord

- NW part of county, Pitts School and Highway 29. Need public recreation facilities at New Jay Robinson High school
- Southwest part of County
- Picnic shelters, trails, biking, softball, tennis
- Biking distance
- Close to Frank Liske Park
- Bicycle Park
- Poplar Tent, Concord Mills, Odell
- Poplar Tent, Coxmill (Rocky River)
- Poplar Tent Road Area

Zip Code 28081: Kannapolis

- Kannapolis Area
- Playgrounds, picnic shelters, athletic field, basketball court

Zip Code 28082: Kannapolis

- Within 3-5 miles

Zip Code 28083: Kannapolis

- Recreation Center
- Cabarrus County

Zip Code 28107: Midland

- Somewhere in the area of 24-27 & Sam Black Rd.
- Within 3-5 miles of home

Zip Code 28124: Mt. Pleasant

- Mt. Pleasant Area

How do your children get to school? Walk – 2% Bike – 0% Car – 43% Bus – 25% N/A - 30%

Is there a safe route for your child to walk or bicycle to school? Yes – 8% No – 92%

If safe routes were provided, would your child bicycle to school? Yes –56% No – 41% Don't know 3%

If safe routes were provided, would you or your child walk or bike to a park or recreation facility? Yes – 90% No – 10%

How far would you be willing to walk to a park or recreation facility?

A mile or less 47% 2 miles – 45% Over 10 miles – 4% Not at all – 4%

Would you walk or bicycle to work? Yes – 56% No - 44%

What kind of recreational or leisure time facilities or activities do you think are most needed in Cabarrus County?

Zip Code 28025: Concord

- We need bigger lanes on highways to ride our bikes
- Bicycling, walking routes, greenways
- Bike/jog pathways, greenways, fields for organized children's play
- Youth baseball, not church softball
- Indoor pool, soft tennis courts, our current parks need to have staff
- Baseball/softball facility
- A swimming pool for sure
- Nature trails, greenways for cycling, in line skating
- Greenways, bike paths, facilities for hiking, walking or jogging. Natural areas- wooded along creeks and streams. Combining areas history with recreation, similar to Latta Plantation in Charlotte or Bethausara near Winston Salem.
- Safe running, biking and roller blade areas
- Youth action sports(baseball, softball, soccer, lacrosse, adult softball, soccer, senior citizens facilities, passive recreation, walking bicycling, roller skating and horse trails).
- Walking and fitness
- Bike lanes, shoulder on road, better walking, running and cycling paths/roads. Inside swimming facilities are greatly lacking. Four high schools in the areas with no high school having a pool.
- Protected lanes for cycling. Also greenways and paths for cycling and walking
- Cycling lanes, greenways for walking and cycling around Concord
- Safe lanes for cycling. Also greenways and designated cycling and walking paths throughout the City of

Concord and Cabarrus County

- Walking /Bicycling Facilities
- Clay tennis courts, shoulders on roads, outdoor track, softball complex, soccer complex, tennis complex, kids ride bikes to school

Zip Code 28027: Concord

- Path for jogging, biking or roller blading
- Trail systems (walking and biking)
- Indoor pool, civic center, larger shelters for reunions, space for naturalization, etc.
- Biking trails, soccer fields, baseball fields, football fields, gymnasiums (indoor) volleyball, water sports
- Any outdoor facilities
- Biking, running and walking
- Walking, biking running
- Bike lanes
- Greenways, tennis courts, playgrounds, bicycling facilities
- Greenways, sidewalks, other trails
- Indoor swimming facilities, soccer fields, indoor basketball courts, ice skating rink

Zip Code 28081: Kannapolis

- Anything that people will do to get off their butts and exercise, preferably aerobically. Too many people use excuses that they don't have time (facilities too far away) don't have safe roads (too narrow or unfriendly to cyclists or runners) or they don't know how. People tend to follow the examples of others.
- Camp grounds, festival area at parks, nature museum, amphitheater, lake fishing, boating, nature trails, petting zoo
- Greenways, playgrounds, athletic fields, active and passive recreation

Zip Code 28082: Kannapolis

- Greenways, playgrounds, ball field complexes, picnic areas, gardens, waterfront areas

Zip Code 28083: Kannapolis

- Indoor swimming pool, outdoor swimming pool, recreation center, racquetball courts, handball, walking trails, bicycle trail
- Campgrounds, water areas, water features
- Safe places to run and bike on pavement and off

Zip Code 28107: Midland

- Public outdoor swimming pool, bikeways in rural areas, park for natural beauty along the Rock River in Southeast Cabarrus County
- Walking, biking, hiking trails, swimming pools

Zip Code 28124: Mt. Pleasant

- A YMCA with indoor facilities near the Mt. Pleasant area
- Community Center, Seniors Center

Zip code 29670

- Recreation Centers, pools, programs for children and adults

No zip code given

- Mt. Pleasant areas needs a park and recreation facilities

Would you say you favor or oppose increasing taxes to expand recreation opportunities in Cabarrus County?

Favor - 82% Oppose – 18%

Would you be willing to pay a fee to use park facilities such as picnic shelters, paddle boats, bicycles, etc.?

Yes - 79% No – 21%

Do you have any additional comments?

Zip Code 28025: Concord

- My age is 11-1/2.
- Bike lanes on major streets!!
- I am certain that the funds are available for certain recreational parks within the County and city's budgets. A five-year plan for a "savings account" dedicated to parks is recommended. Each department can squeeze funds from surplus. New vehicles are not necessary every year. Fees for use, concessions – get creative. Don't raise taxes – the money is there- stop the spending just because it's there.
- Add onto existing schools for staff and recreation opportunities. Make new schools with gymnasiums so to be locked from rest of the school area. Open gyms on weekends for free play
- This area would and can benefit by developing parks around our natural resources. By doing this hopefully we may preserve areas as green space so that they don't get developed. Historic sites need to be brought into trails as much as possible
- Cabarrus County is so far behind other communities of this size. It will take years to catch up.
- Safe areas for cycling is very important to me and the rest of the community and I feel that this issue should be at the **top** of your list
- Safe areas for cycling – walking connecting public areas of Concord and Kannapolis, nature walk areas
- Safe areas for cycling are very important to my family and may others in our community. It is our hope that your recommendations will include areas designated for cyclists at the top of your list. Cyclists include a very large percentage of this County's populations. It far surpasses the number of people involved in field sports. We are just not provided equal areas and opportunities.
- Linking the recreational facilities with greenways type trails so you don't have to drive to the facilities. Bike lanes for transportation and recreation. Please note: In the City of Concord – Union Street is the Main street through town. Hundreds of folks drive to this street to walk!!! They drive up to 15 miles to walk 2-5 miles for fitness (not just for the historic houses)

Zip Code 28027: Concord

- Need to develop recreational facilities at Weddington Elementary School. Need Greenways with biking and hiking trails on Rocky River, Caudle Creek, Three Mile Branch, and Irish Buffalo Creek. Need to see that neighborhood parks are equally distributed to all income and socio-economic regions. Don't think they should only be determined by developer, donating some flood plain land (i.e. Afton Creek Park). As we grow, the County needs to acquire above ground easements over sewer lines for walking biking paths. Involve water and sewer authority (who is no inclined to help)
- Just indoor pool
- Would like bike lanes or trails for transportation and recreation. Would like information and contact for bike routes and trails.
- I believe it is in the best interest of Concord/Cabarrus County to have other forms of transportation. Bike lanes and trails connecting the city to neighborhoods and therefore improving the health of the overall population due to having a choice for an alternate safe mode of transportation. Bus service should also be thought of as another means of reducing overall traffic. The marketing of these programs is essential to it's success. Facilities could incorporate many recreational activities to get maximum use to all of the people.

I would like to have a choice to bike to work. More people will if we have a lane to make it safe.

- Greenways that connect schools, neighborhoods, shopping, etc. Save the green space, Connect to Mecklenburg Greenways
- We need more shoulders and bike lanes!!! And Greenways!!!

Zip Code 28081: Kannapolis

- I (we) cycle approximately 150- miles weekly on public roads so my interest is mainly in this area. Talks with our state bicycling coordinator don't lead me to believe there will be much coming in terms of improvements (i.e. wider roads education programs for new and exiting drivers and riders. I would like to see the public not get railroaded on this issue of parks and recreation facilities – by the developers and politicians. If those of use who do exercise and use facilities continue to do so, supported by people like you, maybe we can show the majority of the public that they can do it too – and we all benefit. I get tired of people telling me I'm taking my life into my own hands by doing something as harmless and physically rewarding as riding my bicycle on a public road. It shouldn't be an excuse for anyone. Anything besides the mindless sprawl we currently have would be welcome. Thanks for listening. Didn't mean to get carried away
- A large park similar to Dan Nichols in Rowan County is needed to draw people to.
- Upgrade and improve all existing facilities. Preserve open space.

Zip Code 28082: Kannapolis

- I think the “plan” is great. I hope it will be utilized and not sit on a shelf and collect dust! We need more greenways and bike paths to provide connectivity in our communities. Kannapolis needs a waterfront park!! Let's provide facilities that can hold more community special events of summer concerts. Land needs to be acquired now, so we can build facilities for the future – before all the developers get it!! I'd love to see an arboretum built, with native plants, and flowers with instructional opportunities for children.

Zip Code 28083: Kannapolis

- Cabarrus County needs more recreation centers and up to date facilities. Facilities more for families and teenagers.
- Difficult to reconcile paying fees to use facilities paid for with our tax dollars

Zip Code 28107: Midland

- Please advertise your forums in the Charlotte Observer and put public announcements on radio stations!! It's really hard for an average citizen to find out what is going on unless you belong to a special interest group.
- More natural areas set aside in Cabarrus County for nature walks and hikes. We also need facilities for our young people to go. They can't cruise, they cannot loiter in the mall areas, and they are being shifted to nowhere. The kids need someplace. It should be safe, positive beneficial overall to them and the community

Zip Code 28124: Mt. Pleasant

- My daughter took swimming lessons at the YMCA in Kannapolis. From my home to the Y was 18 miles one way. These miles were going through Concord and took more than 30 minutes. It was like work getting her to these lessons. We have not taken advantage of any of the activities at the Y due to the distance.

Zip code 29670:

- Put recreation specialists in the schools for after school programs. Expand school/park concept.

INTERMEDIATE PRIORITIES			
PARK TYPE	RANK	SUBDISTRICT	NEED INDEX
Regional Park	1	6	7.58
District Park	2	1	3.00
Civic Park	3	5	1.06
Community Park	4	3	1.06
Neighborhood Park	5	5	0.40
Community Park	6	2	0.34
Community Park	7 tie	4	0.28
Neighborhood Park	7 tie	4	0.28
Mini Park	9	5	0.21
Neighborhood Park	10	5	0.20
Neighborhood Park	11	2	0.17
Neighborhood Park	12	4	0.14
Mini Park	13	5	0.11
Mini Park	14	2	0.09
LONG TERM PRIORITIES			
PARK TYPE	RANK	SUBDISTRICT	NEED INDEX
District Park	1	1	2.58
Civic Park	2	3	2.58
Civic Park	3	6	1.68
Community Park	4	1	0.90
Neighborhood Park	5	6	0.32
Community Park	6 tie	5	0.30
Neighborhood Park	6 tie	5	0.30
Mini Park	8	1	0.24
Mini Park	9	2	0.16
Neighborhood Park	10 tie	2	0.15
Neighborhood Park	10 tie	5	0.15
Neighborhood Park	12	4	0.12
Mini Park	13	2	0.08
Mini Park	14	5	0.08

Appendix H-2

LIVABLE COMMUNITY BLUEPRINT FOR CABARRUS COUNTY

SUMMARY OF WORKSHOPS

A series of six public workshops was held in March, at locations throughout Cabarrus County, to present preliminary results of the Livable Community Blueprint. During each of the workshops, the consultant team, led by LS3P Associates, Ltd. presented an overview of the planning process as well as preliminary findings of the study. The information presented included overall county results with a focus on the community in which the workshop was being held. The following is a summary of each of the workshops.

SUBDISTRICT 1 (Northwest)

Date: March 8, 2001

Location: Northwest Cabarrus High School Lecture Room

Preliminary Park and Facility recommendations:

Add 2 Neighborhood Parks (playground, basketball or tennis court, soccer or football, ball fields, picnic shelter, and trail) 1 Community Park (playground, basketball, tennis, community center or swimming pool, soccer, ball fields, picnic area, volleyball and trail) and 1 District Park (passive park with trails, picnicking, playgrounds, basketball and volleyball).

Public Input:

There was concern by several residents about safety as well as impact on property values of properties adjacent to Greenways. The trails typically increase property values. Safety issues can be reduced by prohibiting motorized vehicles on trails and nighttime use can be discouraged through the elimination of lighting along the paths.

The topic of land donations was raised. The County is always interested in potential donations for park development, particularly those that exceed 10 acres in size.

SUBDISTRICT 2 (Kannapolis)

Date: March 15, 2001

Location: City of Kannapolis Council Chambers

Preliminary Park and Facility recommendations:

4 Mini Parks (playground and picnic tables), 6 Neighborhood Parks (playground, basketball or tennis court, soccer or football, ball fields, picnic shelter, and trail), and 1 Community Park (playground, basketball, tennis, community center or swimming pool, soccer, ball fields, picnic area, volleyball and trail).

Public Input: The attendees had positive comments on the Greenway routing that was presented.

SUBDISTRICT 3 (Mt. Pleasant)

Date: March 7, 2001

Location: Mt. Pleasant Town Hall

Preliminary Park and Facility recommendations:

1 Neighborhood Park (playground, basketball or tennis court, soccer or football, ball fields, picnic shelter, and trail), 1 Community Park (playground, basketball, tennis, community center or swimming pool, soccer, ball fields, picnic area, volleyball and trail), 1 District Park (passive park with trails, picnicking, playgrounds, basketball and volleyball) and a civic park at the Town Hall.

Public Input: There are a lot of active sports leagues in this area and they desperately need facilities, especially ball fields. They have put a lot of volunteer efforts into building and improving facilities at the schools and elsewhere. They are concerned that this area will be seen as a lower priority since they have more facilities than some other areas in the county but they feel this is a result of their extensive volunteer efforts. They do not want to be penalized for their hard work. They feel that they need a large park and they have been looking at parcels that range in size from 55 acres to 264 acres. They cannot afford to buy land and develop a park and need help from the county.

The Mt. Pleasant Parks and Recreation Commission conducted a mail-out survey in February of 2001 and the respondents indicated that they supported a tax increase to fund recreation.

Citizens in the Mt. Pleasant area are interested in making the rural road safe for the existing cyclists that trek them.

At the workshop specific written information was provided by community volunteers regarding the growth of youth athletic programs. The increasing participation of youth in teams has resulted in additional demands for new fields. The growth in team sports between 1999 and 2001 and the number of fields available for team sports is as follows:

- Baseball - teams increased from 28 teams to 45 teams.
Fields increased from: 3 lighted fields to 6 lighted fields, 1 unlighted field to 3 unlighted fields. Net increase: 3 lighted fields, 2 unlighted fields
- Soccer - teams increased from 11 to 23 teams.
Fields: No change
- Football - teams increased from 6 to 22 teams
Fields: No change.

While the baseball fields have been added to meet the growing number of teams, the soccer and football teams have more than doubled and almost quadrupled with no new fields added.

SUBDISTRICT 4 (Concord)

Date: March 13, 2001

Location: City of Concord Council Chambers

Preliminary Park and Facility recommendations:

1 mini park (playground and picnic tables), 5 neighborhood parks (playground, basketball or tennis court, soccer or football, ball fields, picnic shelter, and trail), 1 civic park.

Public Input:

There were concerns raised about a need for a tournament softball complex to serve the Concord area as many of the softball teams have to play in Mecklenburg County. There was also interest in a tournament tennis facility.

SUBDISTRICT 5 (Harrisburg)

Date: March 20, 2001

Location: Harrisburg Medical Center

Preliminary Park and Facility recommendations:

4 Mini Parks (playground and picnic tables), 6 Neighborhood Parks (playground, basketball or tennis court, soccer or football, ball fields, picnic shelter, and trail), and 3 Community Parks (playground, basketball, tennis, community center or swimming pool, soccer, ball fields, picnic area, volleyball and trail) and 1 Civic Park.

Public Input: In Harrisburg the main issue addressed was the current and escalating land costs and the need to acquire land for recreation development. A participant asked if the County would purchase land for parks and turn over to the municipalities to develop. Harrisburg area attendees stated they had the largest youth league activity in the County and that they had a lot of need for youth fields.

SUBDISTRICT 6 (Midland)

Date: March 14, 2001

Location: Midland Medical Center Community Room

Preliminary Park and Facility recommendations:

2 Neighborhood Parks (playground, basketball or tennis court, soccer or football, ball fields, picnic shelter, and trail), 1 Community Park (playground, basketball, tennis, community center or swimming pool, soccer, ball fields, picnic area, volleyball and trail), 1 Civic Park, 1 District Park/Regional Park (passive park with nature study, trails, picnicking, playgrounds, etc.).

Public Input: There were favorable comments about the greenway corridors in the Midland area. Land acquisition and opportunities to donate land were also discussed.

APPENDIX - I

Livable Community Blueprint for Cabarrus County

Bicycle and Pedestrian Facility Guidelines

Well-designed facilities are attractive, easy and safe to use. It is costly to plan, design and build a facility that is little used or irresponsibly used because of poor design. Design should accommodate user type and numbers. This is reflected in surface type and width.

Accessibility is also a major factor in design. Since the passage of the Americans with Disabilities Act in 1990 there has been increased interest in designing new or modifying trails to make them accessible to persons with physical disabilities. The Recreation Access Advisory Committee (RAAC) established guidelines for accessibility to recreational facilities and outdoor developed areas in their July 1994 report to the US Architectural and Transportation Barriers Compliance Board.

The RAAC recognizes that the built environment and the outdoor recreation environment are fundamentally different, and that accessibility into the outdoor environment should be provided to the highest level of accessibility practicable.

The built environment creates an environment to suit human needs. The outdoor environment is a domain of leisure and extraordinary activities. This outdoor environment offers dynamic and challenging opportunities. The RAAC recognizes that the critical aspect of accessibility in outdoor sites is the system of paths that connects various recreation elements and spaces within the context and constraints of the natural environment. They define guidelines for "outdoor recreation access routes" which connect the primary spaces and elements that are basic to the recreation experience being offered at a particular site. The guidelines for "outdoor recreation access routes" are more stringent and categorize types based on level of use. Guidelines define clear width, sustained running grade and maximum distances, cross slope, passing space intervals and rest area intervals.

The commission defines "recreation trails" as paths that provide access to recreation activities and elements that are not the primary activities at a site. Even though we consider our bicycle/pedestrian routes as transportation elements, their guidelines for accessibility of recreational trails apply to our designs. Because of the attempt to fit these trail types into the natural environment; their guidelines are less stringent for recreational trails. These trails are divided into groups according to their setting: highly developed (urban/rural), moderately developed (natural) and minimally developed (back country) settings.

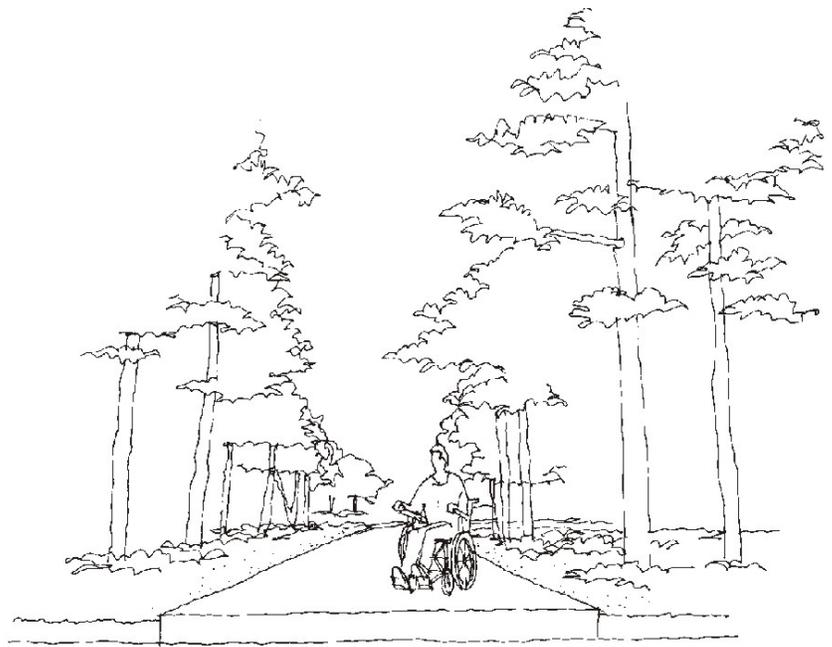
Guidelines For Outdoor Recreation Access Routes

	Easier (urban/rural)	Moderate (natural)	Difficult (backcountry)
Minimum clear width	48"	36"	28"
Max. sustained running grade	5%	8%	12%
Max. grade allowed	10%	14%	20%
For a distance of	30'	50'	50'
Max. cross slope	3%	5%	8%
Passing space interval	200'	300'	400'
Rest area interval	400'	900'	1200'

Accessibility

Trails should be designed to be accessible to all users, keeping in mind the guidelines set forth by the Recreation Access Advisory Committee.

Incorporate guidelines provided to the highest level of accessibility practicable.



Accessible Trail

Signage

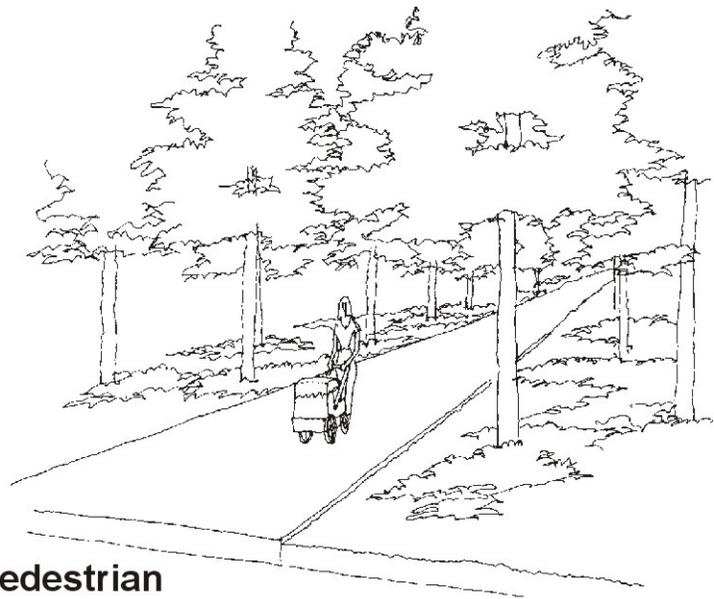
Trails shall be designated by degrees of difficulty and ranked according to the methods defined by RAAC. Signage shall be consistent with their method of ranking (easy, moderate, difficult) and define grade, cross slope, trail width and surface type. Beneficial Designs, Inc. has developed a ranking and signage system for documenting trail conditions. A similar signage and ranking classification should be coordinated countywide for each section of a route.



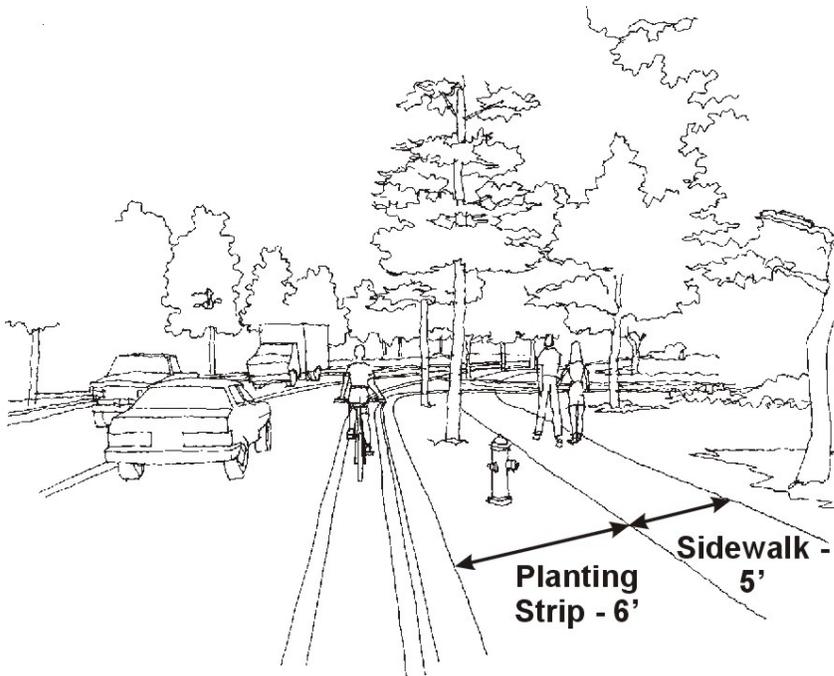
Pedestrian Trails

Individuals or groups on foot or using low speed wheeled vehicles, such as strollers or wheelchairs, use pedestrian trails. Most users do not expect to encounter much bicycle, skateboard or in-line skate traffic.

The minimum width of a pedestrian trail is 5 feet. The surface material varies from firmly packed crushed stone to asphalt or concrete.



Pedestrian Trail



Street With Planting Strip

Sidewalks

Sidewalks separated from the road with a planting strip create pleasant facilities for users. The minimum width for sidewalks is 5 feet.

The planting strip buffers noise and splash from vehicles.

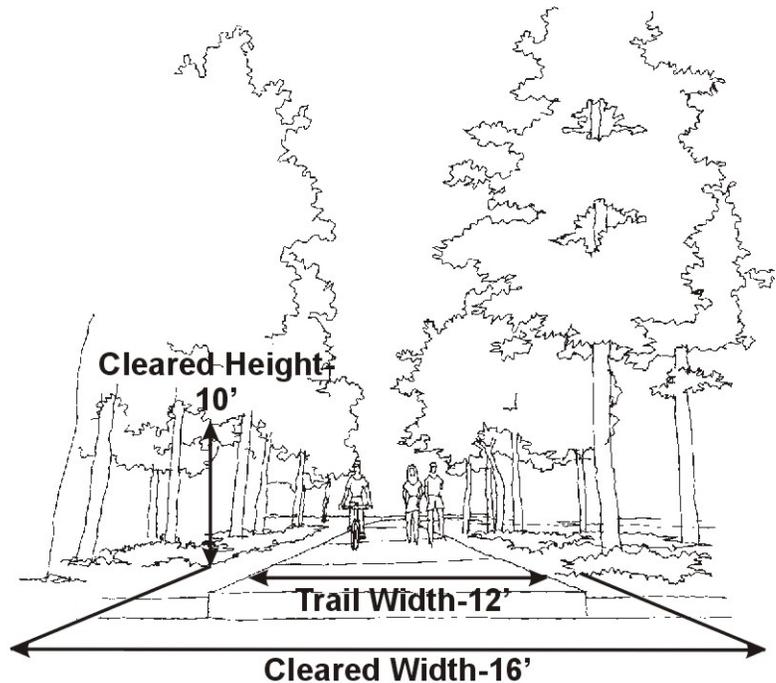
It also creates a pleasant strip for dog walk areas. The strip becomes an area for street furniture such as benches, signs, signal poles, mailboxes, trees, fire hydrants, etc.

Multi-Use Facility

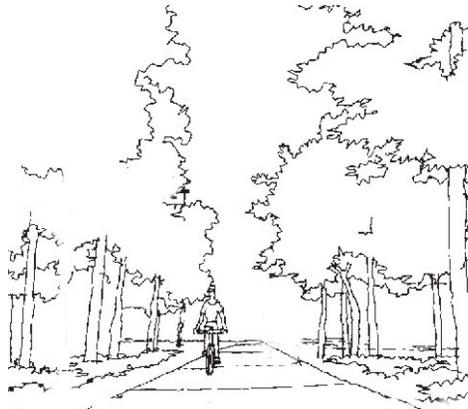
Multi-use trails are divided into two types: non-motorized and motorized.

Non-motorized activities include hiking, biking, equestrian and other uses such as in-line skaters. Motorized users generally consist of off-highway use vehicles such as dirt bikes and all-terrain vehicles.

Hike-bike Trails combine walking and wheeled vehicles on the same path. These trails tend to be used by those walking or running for exercise. These paths should be paved or at a minimum, well compacted crushed stone.



Multi-Use Facility



Mountain Biking Trails

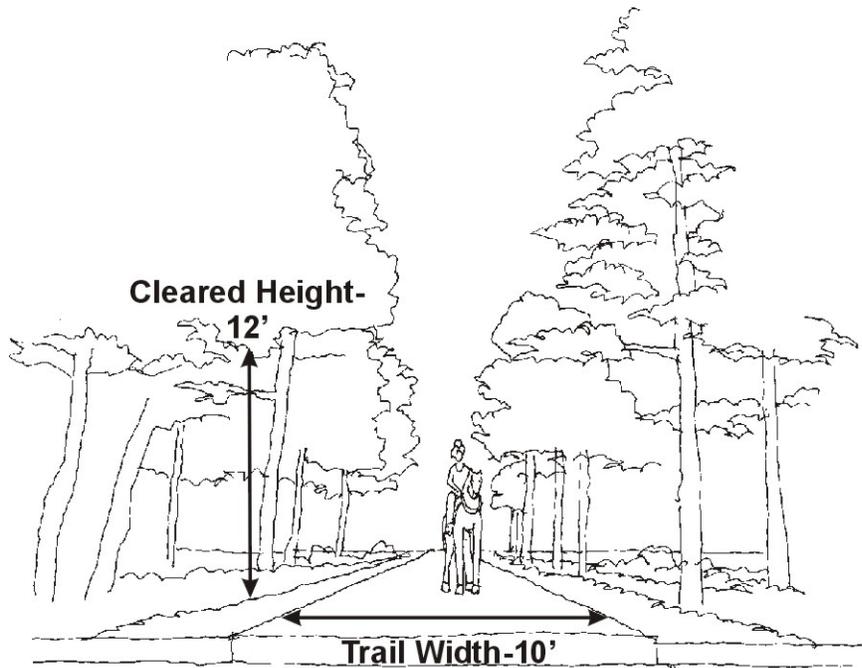
Mountain biking trails are specialized trails that take riders through challenging terrain. Paths should be natural surfacing. Challenging routes leave downed trees and roots for the cyclists to maneuver over and around. Generally mountain bike trails are one way. However a minimum cleared width of 6' should be provided to accommodate possible two-way traffic. A minimum cleared vertical height is 8'.

Equestrian Trails

Equestrian Trails are designed for horseback riders. Width, grades and surfacing vary. Many riders prefer wide trails similar to old logging road widths (18-20 feet), other riders prefer narrower trails that are more challenging.

Due to the height of a rider on horseback, the cleared height is critical for these trails.

Trailhead facilities for equestrian trails will need to accommodate turning radius and parking for trailer maneuvering.



Equestrian

Boardwalks and Bridges

Construction of boardwalks is intended only for foot traffic, unless site specifics require equestrian or vehicular traffic. The design width should be a minimum of 8' clear width between railings. If lengths exceed 30', resting places should be provided.



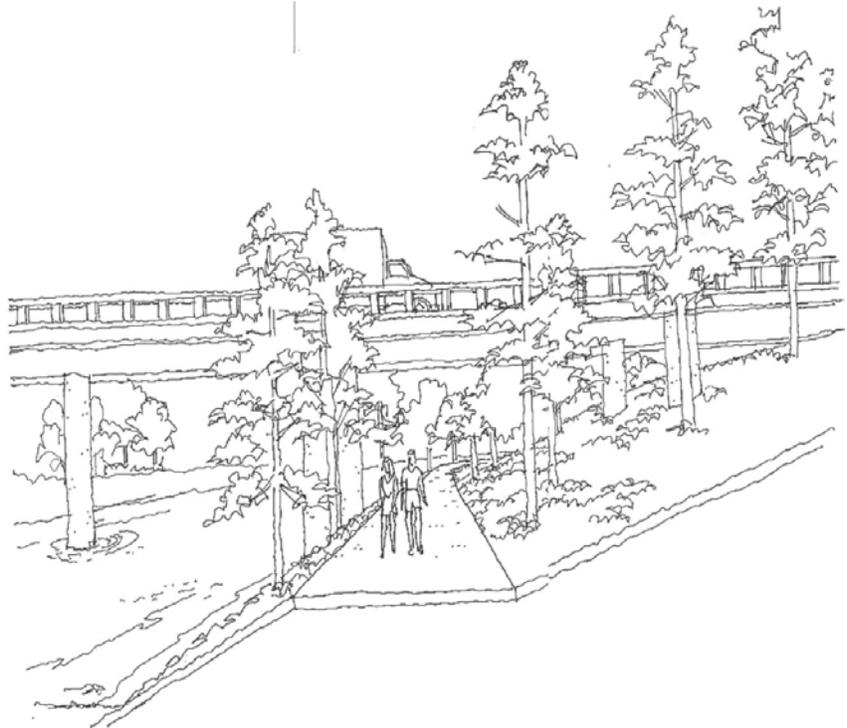
Guardrails should be a minimum of 52 inches in height and should be installed on both sides. This will provide adequate protection for bicyclists. Vertical pickets in the guardrail should be spaced to allow no gap wider than 5 inches. To prevent slippage, the decking should run perpendicular to the direction of travel.

Underpasses

Trail underpasses are safer than “at grade” crossings, and can be used to avoid undesirable intersections. Several underpasses are proposed to avoid contact with Interstate 85 traffic.

A minimum vertical clearance of 10’ should be provided. Greater clearances are more desirable, if routes are to be used for bicyclists and equestrians.

Underpasses should be lighted, for long underpasses can be dark even during daylight hours.

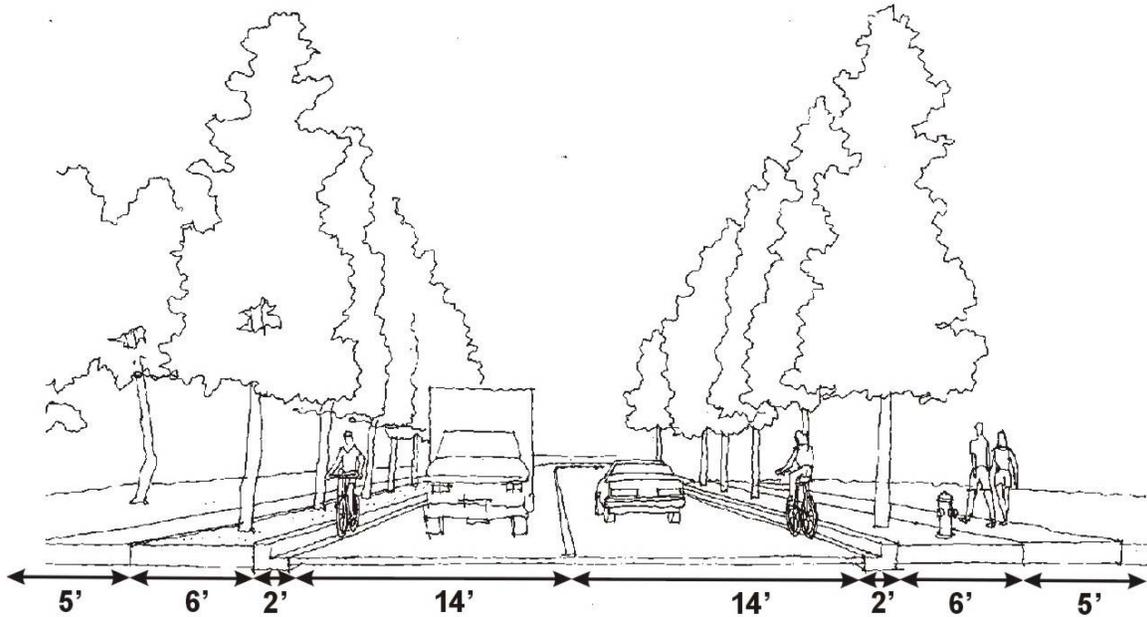




Bike Path - Two Directional

Bicycle Paths are bikeways that are physically separated from motor vehicle traffic. They may be either within the right of way or within an independent right of way. Bike paths are generally located independently of road systems. They are intended for the exclusive use of bicycles in much the same way freeways are intended for the exclusive use of motor vehicles.

Design standards for bike paths include adequate width for two-directional use by cyclists and pedestrians, provisions of good sight distance, avoidance of steep grades and tight curves. The minimum width for a two-directional bike path is 10'. When a bicycle path is located adjacent to a roadway a 5' separation should be provided. If this separation is not possible a suitable positive barrier between the roadway and the bike path should be provided.

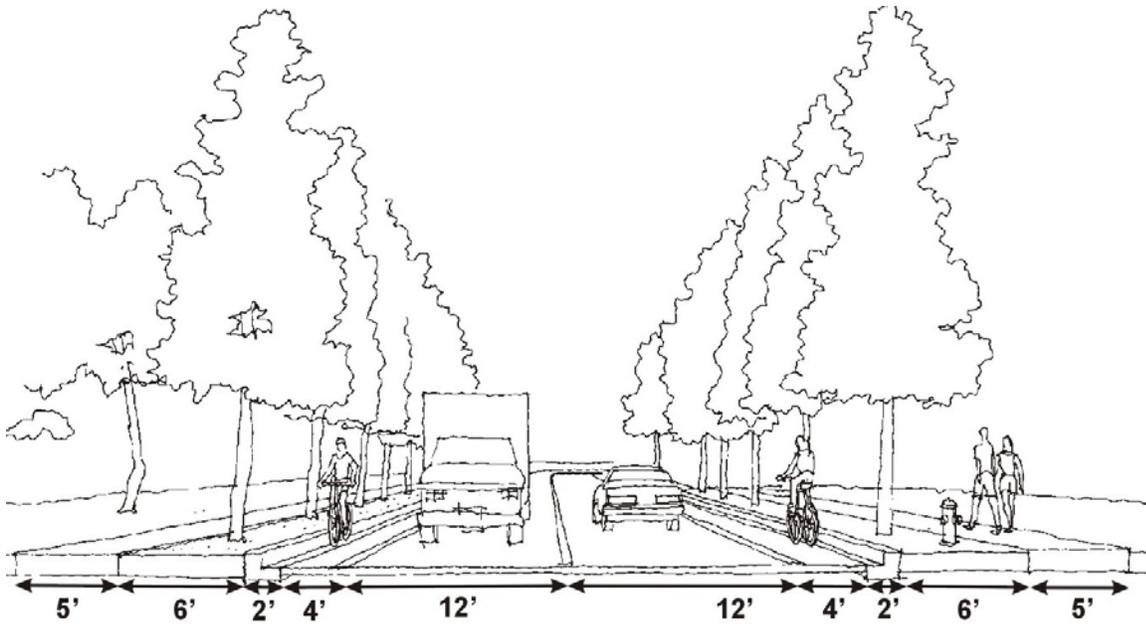


Shared Lanes or Wide Outside Lane

Today the concept of cyclists and motorists “sharing the road” is more common than “bike paths.” The two modes are integrated onto the same road and lane system, thus conserving funds and uniting users under one set of rules for better cooperation and safer operation. Generally a wide outside lane is provided. This refers to the through travel lane closest to the curb. Dedicated right turn lanes are not used for bicycles.

Bicyclists and motorists can more safely operate in the same lane if adequate widths are maintained. With a wide outside lane motorists do not have to change lanes to pass a cyclist. The AASHTO standard minimum width to accommodate both motorists and bicyclists is 14’.

This type of facility is generally considered for restrictive urban conditions and are generally more accommodating in rural circumstances. For roads without curb and gutter a wide paved shoulder can accommodate bicycle traffic.



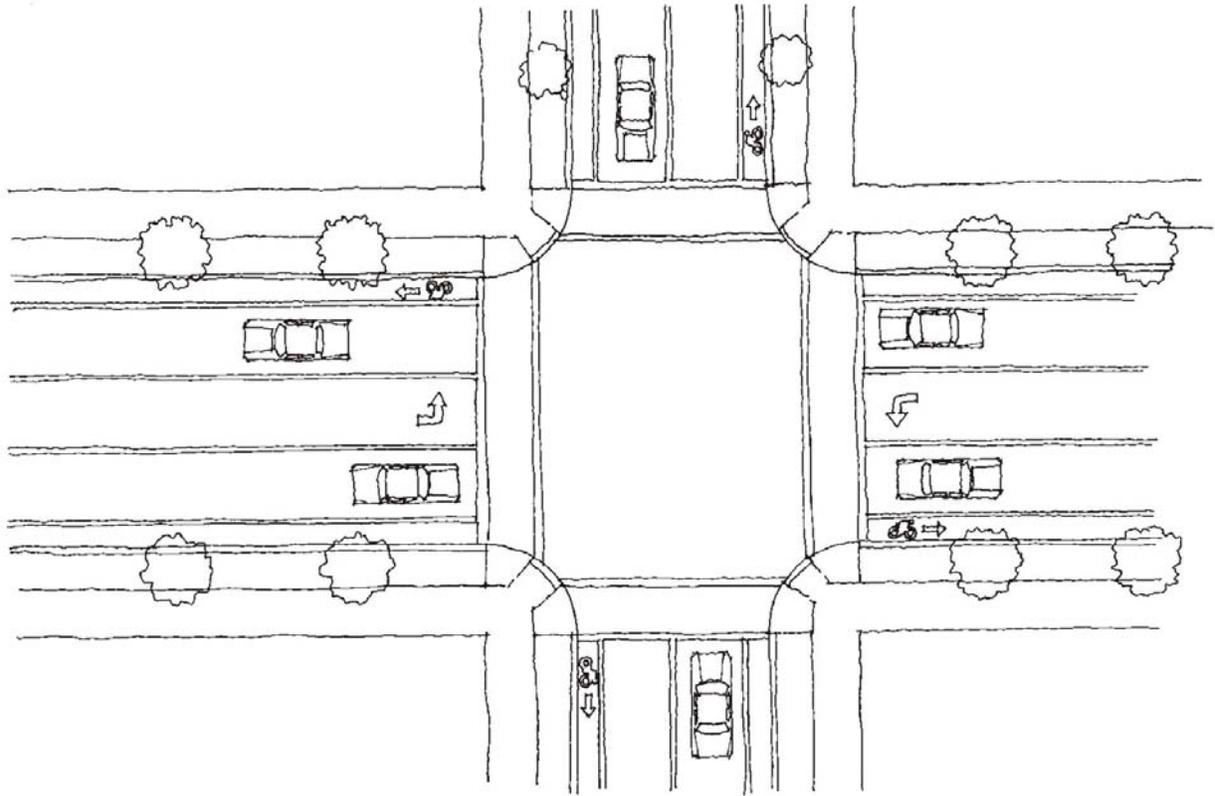
Bike Lanes

Bike lanes are designated lanes within the roadway for cyclists. Separate bicycle lanes should be considered when it is desirable to delineate road space for preferential use by cyclists. Highly developed commercial areas are not suited well for bike lanes because of the frequent and unpredictable motorist turning movements. Bike lanes are effective for two lane residential and collector streets with lower traffic volumes, low-posted speed limit, adequate width and an absence of complicated intersections.

Bike lanes are also appropriate for median-divided multi lane roadways and residential/collector streets. A minimum of 4-foot width, excluding the gutter should always be provided.

Bike Parking

Secure bicycle parking is a pre-requisite to increase bicycle use for transportation. Several manufacturers offer bike rack designs that appeal to various architectural styles. The number of spaces provided depends on the individual facility type and size. If racks for securing bicycles are not provided bike users are deterred from riding to a facility. Riders may also tend to use other street furnishings to secure their bikes to, such as benches and trees. This misuse will eventually damage the trees and interferes with appropriate use of street furniture.



Intersections

Intersections should be designed to accommodate safe bicycle and pedestrian crossings. Each intersection varies, however the main theme of providing safe and visible crossings for pedestrians is a constant. Bicycle turn lanes should always follow through an intersection and not interfere with automobile turn lanes.

APPENDIX - J

Livable Community Blueprint for Cabarrus County

Bicycle and Pedestrian Transportation Plan Priorities Cost Analysis

The Bicycle and Pedestrian Plan of the Livable Community Blueprint was developed to designate corridors for public access. These corridors provide routes for alternative modes of transportation to reach varying types of destinations. Unlike the park and facility projections determined in this document, the bicycle and pedestrian corridors were not defined to serve a particular time period. However the list of priorities by sub district was established with a ten-year schedule in mind. The priority is to establish public access in these priority corridors by 2010. Public access may primarily be in the form of a dirt trail. Higher intensive use areas may be developed with a durable pavement.

Construction Costs

The following unit costs were the basis for the cost estimates; they are for materials and labor only. They do not include land or right of way acquisition, nor do they include costs for design and engineering.

Type Of Work	Unit	Costs per Unit
Surveying Staking	Mile	\$7,500
Clearing (20' width)	Mile	\$8,000
Grading (10' wide trail bed)	Mile	\$13,200
Culvert (15" CPE, 25' long)	Each	\$450
Seeding (20' width)	Mile	\$5,300
Wood Chip Tread (10' wide)	Mile	\$9,600
Bare Earth Trail (4' wide)	Mile	\$10,000
Crushed Stone Tread (10' wide)	Mile	\$72,000
Asphalt Tread 2"/4"(10' wide)	Mile	\$92,000
4" thick Concrete Tread (10' wide)	Mile	\$200,640
Boardwalk (10' wide - no railing)	Mile	\$396,000
Wood Foot Bridge With Rails - 35'	Each	\$26,000
Concrete Sidewalk (5' wide)	Mile	\$100,320
Bike Lane (4' wide)	Mile	\$35,270
Lane Striping	Mile	\$2,640
Medium Sign	Each	\$500
Small Sign	Each	\$200
Bench	Each	\$400
Trash Can	Each	\$250

Cost Analysis for Bicycle and Pedestrian Transportation Plan Priorities

The following descriptions and cost estimates should help the steering committee review the priorities and begin to understand the cost realities of the plan. The cost does not include land acquisition, design or engineering. The cost summary also assumes that trailhead facilities (parking, restrooms, etc) are included in the actual destinations and are not incorporated into these facilities.

Some routes are combinations of asphalt and earth trails. When a majority of the route is an earth trail the quantities for surveying, clearing, grading and grassing have been reduced to reflect the narrower width of trail. Actual conditions within the corridors may vary creating additional expense. The following cost data is for priority sections only.

Route	Segment	Mileage	Type	Unit	Cost
SUB-DISTRICT 1 NORTHWEST					
Irish Buffalo Creek	From West C St to North Cabarrus Park	See subdistrict 2			See subdistrict 2
Afton Run / Coddle Creek	From NW Cabarrus Middle and High Schools to James Dorton Park	4.0			\$179,400
		1.0	Asphalt Paved	\$92,000	\$92,000
		3.0	Earth Trail	\$10,000	\$30,000
		2.0	Survey Staking	\$7,500	\$15,000
		1.5	Clearing	\$8,000	\$12,000
		1.5	Grading	\$13,200	\$19,800
		2.0	Seeding	\$5,300	\$10,600
Rocky River Corridor	From Harris Rd School site to Concord Mills Mall	4.8			\$117,750
		4.8	Earth Trail	\$10,000	\$48,000
		4.0	Survey Staking	\$7,500	\$30,000
		1.5	Clearing	\$8,000	\$12,000
		1.5	Grading	\$13,200	\$19,800
		1.5	Seeding	\$5,300	\$7,950
SUB-DISTRICT 2 NORTH					
Irish Buffalo Creek	Bakers Branch (West 22nd St) thru Bakers Creek Park to Irish Buffalo Ck	2.0			\$252,000
		2.0	Asphalt Paved	\$92,000	\$184,000
		2.0	Survey Staking	\$7,500	\$15,000
		2.0	Clearing	\$8,000	\$16,000
		2.0	Grading	\$13,200	\$26,400
		2.0	Seeding	\$5,300	\$10,600
Irish Buffalo Creek	From West C St to North Cabarrus Park	5.7			\$393,300
		2.0	Asphalt Paved	\$92,000	\$184,000
		3.2	Earth Trail	\$10,000	\$32,000
		0.5	Crushed Stone Trail	\$72,000	\$36,000
		3.0	Survey Staking	\$7,500	\$22,500
		4.0	Clearing	\$8,000	\$32,000
		3.0	Grading	\$13,200	\$39,600
		4.0	Seeding	\$5,300	\$21,200
		1.0	Foot Bridge	\$26,000	\$26,000

Kannapolis Routes	Centergrove Rd (Loop to Pennsylvania)	1.6	Bike + Pedestrian improvements		\$325,000
Three Mile Branch	Royal Oaks Elementary to Cloverleaf Plaza	1.0			\$152,000
		1.0	Asphalt Paved	\$92,000	\$92,000
		1.0	Survey Staking	\$7,500	\$7,500
		1.0	Clearing	\$8,000	\$8,000
		1.0	Grading	\$13,200	\$13,200
		1.0	Seeding	\$5,300	\$5,300
		1.0	Foot Bridge	\$26,000	\$26,000
SUB-DISTRICT 2b MPO NORTH AREA					
Landis Spur	Meriah, Ryder, Chapel, Corriher, Round, Valley and Hoke Streets	2.2	Bike + Pedestrian improvements		\$325,000
China Grove Spur	Patterson, Franklin, Chapel, Bostian, Liberty, Main, Washington and Miller Streets	3.5	Bike + Pedestrian improvements		\$425,000
SUB-DISTRICT 3 NORTHEAST					
	Library to McAllister Park	0.4	Bike + Pedestrian improvements		\$80,000
	Main St from Lee St to Hwy 49	1.0	Bike + Pedestrian improvements		\$125,000
	Lee St from Main St to Boston St	0.4	Bike + Pedestrian improvements		\$80,000
	Hwy 73 from Halifax St to Eastover St	0.8	Bike + Pedestrian improvements		\$118,000
SUB-DISTRICT 4 CENTRAL					
Three Mile Branch	From Country Club Dr to Les Myers Park	4.5			\$615,500
		3.0	Asphalt Paved	\$92,000	\$276,000
		0.5	Earth Trail	\$10,000	\$5,000
		1.0	Crushed Stone Trail	\$72,000	\$72,000
		3.0	Foot Bridge	\$26,000	\$78,000
		2.0	Survey Staking	\$7,500	\$15,000
		3.0	Clearing	\$8,000	\$24,000
		3.0	Grading	\$13,200	\$39,600
		3.0	Seeding	\$5,300	\$15,900
		1.0	Misc Drainage	\$90,000	\$90,000
Concord Route - Downtown Spur	From Three Mile Branch thru Stormwater Property to Cabarrus Ave. to Union	0.8			\$105,900
		0.2	Asphalt Paved	\$92,000	\$18,400
		0.6	On road pedestr. Improvements		\$82,200
		0.2	Clearing	\$8,000	\$1,600
		0.2	Grading	\$13,200	\$2,640
		0.2	Seeding	\$5,300	\$1,060
Afton Run/Coddle Crk	Dorton Park to Hwy 29	3.2			\$307,900
		1.2	Asphalt Paved	\$92,000	\$110,400
		2.0	Earth Trail	\$10,000	\$20,000
		3.0	Survey Staking	\$7,500	\$22,500
		2.0	Clearing	\$8,000	\$16,000
		2.0	Grading	\$13,200	\$26,400
		2.0	Foot Bridge	\$26,000	\$52,000
		2.0	Seeding	\$5,300	\$10,600
		1.0	Misc Drainage	\$50,000	\$50,000

Weddington Hills Connection	From Weddington Hills Elementary north to Coddle Creek	1.4			\$154,600
		0.5	Asphalt Paved	\$92,000	\$46,000
		0.9	Earth Trail	\$10,000	\$9,000
		1.4	Survey Staking	\$7,500	\$10,500
		1.4	Clearing	\$8,000	\$11,200
		1.4	Grading	\$13,200	\$18,480
		1.4	Seeding	\$5,300	\$7,420
		1.0	Foot Bridge	\$26,000	\$26,000
		1.0	Misc Drainage	\$26,000	\$26,000
Concord Route- Irish Buffalo Creek Spur	Corban Ave to McGill St off road thru Boys and Girls Club and Academy Center	1.1			\$186,300
		0.55	Asphalt Paved	\$92,000	\$50,600
		0.55	On road pedestr. Improvements		\$75,350
		1.1	Grading	\$13,200	\$14,520
		1.0	Misc Drainage	\$40,000	\$40,000
		1.1	Seeding	\$5,300	\$5,830
SUB-DISTRICT 5 SOUTHWEST					
Back Creek	Rocky River to Stallings Farm to county line	4.6			\$400,100
		1.5	Asphalt Paved	\$92,000	\$138,000
		3.1	Earth Trail	\$10,000	\$31,000
		2.0	Foot Bridge	\$26,000	\$52,000
		4.0	Survey Staking	\$7,500	\$30,000
		3.0	Clearing	\$8,000	\$24,000
		3.0	Grading	\$13,200	\$39,600
		3.0	Seeding	\$5,300	\$15,900
		1.0	Misc Drainage	\$30,000	\$30,000
		0.1	Boardwalk	\$396,000	\$39,600
Rocky River	From Mallard Creek to new middle school site	6.9			\$459,900
		0.9	Asphalt Paved	\$92,000	\$82,800
		6.0	Earth Trail	\$10,000	\$60,000
		3.0	Foot Bridge	\$26,000	\$78,000
		0.1	Boardwalk	\$396,000	\$39,600
		6.0	Survey Staking	\$7,500	\$45,000
		3.0	Clearing	\$8,000	\$24,000
		3.0	Grading	\$13,200	\$39,600
		3.0	Seeding	\$5,300	\$15,900
		1.0	Misc Drainage	\$75,000	\$75,000
Harrisburg Town Connector Route	Connects Town Park to Elem. to Town Center and to the Rocky River	2.0	Sidewalks	\$200,640	\$401,280
SUB-DISTRICT 6 SOUTHEAST					
Midland Route	Connects new school site to Rocky River	4.2			\$435,928
		1.2	Sidewalks	\$200,640	\$240,768
		3.3	Earth Trail	\$10,000	\$33,000
		4.2	Survey Staking	\$7,500	\$31,500
		2.2	Clearing	\$8,000	\$17,600
		2.0	Grading	\$13,200	\$26,400
		2.2	Seeding	\$5,300	\$11,660
		1.0	Misc Drainage	\$75,000	\$75,000
		56.1			TOTAL \$5,639,858

APPENDIX - K Livable Community Blueprint for Cabarrus County

Bicycle and Pedestrian Routes - On Road and Off Road Mileage Tabulations

On Road	Off Road	Mileage	Description
		49.0	Rocky River Corridor
	X	6.8	Iredell, Mecklenburg, Cabarrus County Line to Harris Rd
	X	4.8	Harris Rd to Concord Mills Mall (I-85)
	X	7.7	I-85 to Mallard Creek
	X	6.9	Mallard Creek to Rocky River Rd
	X	5.2	Rocky River Rd to WWTP
	X	5.7	WWTP to Dutch Buffalo Creek
	X	5.3	Dutch Buffalo Creek to Hwy 24/27
	X	6.6	Hwy 24/27 to Clear Creek at Union County line
		18.3	Afton Run/Coddle Creek
	X	5.1	Mooreville Rd to Coddle Creek
	X	1.8	Untz Rd to James Dorton Park
	X	3.2	Poplar Tent Rd to Hwy 29
	X	4.4	Hwy 29 to Frank Liske Park (thru Pebblebrook Acres)
	X	3.8	Pebblebrook Acres to Rocky River
		13.8	Northern Connector
	X	2.9	Grants Creek to Lake Corriher
	X	1.0	Lake Corriher to Blume Rd
X		0.4	BLUME ROAD From Meriah Rd to Ryder Rd
X		0.2	RYDER ROAD From Blume Rd to Mt Moriah Church Rd
X		0.2	MT MORIAH CHURCH ROAD From Ryder Rd to NC 153
X		0.1	NC 153 From Cannon Farm Rd to Creek
	X	2.2	Off road from NC 153 to Lake Kannapolis
	X	5.7	Lake Kannapolis to Tuckaseegee Rd
X		1.1	PAGEMONT ROAD From Tuckaseegee Rd to Mooreville Rd
		19.5	Irish Buffalo Creek Corridor
	X	2.0	Baker Branch (West 22 nd St) thru Bakers Creek Park to Irish Buffalo Creek
	X	1.0	Baker Branch to FL Wilson School
	X	0.7	FL Wilson School to Mooreville Rd/Operations Center Park

	X	4.0	Mooresville Road to North Cabarrus Park
	X	2.8	North Cabarrus Park to Hwy 29/601
	X	1.5	Hwy 29/601 to Cabarrus Ave.
X		0.2	CORBAN AVENUE From Cabarrus Ave to Powder Rd
X		0.3	POWDER ROAD From Corban Ave to Melrose Rd
	X	0.4	Off Road from Melrose Rd to Caldwell Park
	X	1.6	Caldwell Park to Operations Center
	X	5.0	Operations Center to Rocky River at WWTP
		7.4	Three-Mile Branch
	X	1.0	E. Universal St. to Royal Oaks Elementary
	X	1.0	Royal Oaks Elem to Cloverleaf Plaza
X		0.6	CLOVERLEAF PARKWAY From 29/601 to Concord Lake Rd
X		0.3	CONCORD LAKE ROAD From Cloverleaf Pkwy to Country Club Dr
X		0.2	COUNTRY CLUB DRIVE From Concord Lake Dr to Three Mile Branch
	X	4.3	Off Road from Country Club Dr to Les Myers Park
		12.3	Dutch Buffalo Creek Corridor
	X	2.1	Mount Pleasant Reservoir to Hwy 49
	X	3.0	Hwy 49 south to Hwy 73
	X	7.2	Hwy 73 to convergence with Rocky River
		29.0	Kannapolis Routes
X		3.0	The Loop LOOP ROAD MAIN ST connecting North and South Loop Roads
	X	0.5	Baker Branch the Loop Connection, along Lumberyard Branch
	X	0.6	Bakers Creek Greenway/Village Park/The Loop
	X	0.6	Baker Branch to Woodrow Wilson Elem
X		0.3	NORTH MAIN STREET (29A) From N. Juniper St to North Loop Rd
			The Loop to Jackson Park Elem
X		1.0	JACKSON STREET from Main St (29A) to Ruth Ave.
	X	1.5	Jackson Park Elem to Lake Concord
			Veterans Park to AL Brown High/ Kannapolis Middle/Forest Park Elem
X		0.6	EAST FIRST STREET from Main St to Harding Ave
	X	1.3	Off road from Harding Ave to Forest Park Elem (along Chamber's Branch)

X			Royal Oaks Elem to Forest Park Elem
X		0.4	DAKOTA STREET From Royal Oaks Elem. To Pennsylvania Ave
X		0.5	PENNSYLVANIA AVENUE From Dakota St to Centergrove Rd
X		0.2	SHARON STREET From Centergrove Rd to Forest Park Dr.
X		0.4	FOREST PARK DRIVE From Sharon St to Little Texas Rd
X		1.6	CENTERGROVE ROAD From Loop Rd to Pennsylvania Ave
	X		Operations Center Park to Shady Brook Elem
X		0.6	Off road to Madison Ave
X		0.4	MADISON AVENUE From end to Rogers Lake Rd
X		0.7	ROGERS LAKE ROAD From Madison Ave to Triage St
X		0.2	TRIECE STREET From Rogers Lake Rd to Universal St
X		0.9	UNIVERSAL STREET From Triage St Centergrove Rd
			Shady Brook Elem to North Cabarrus Park
X		0.2	KLONDALE AVENUE EXT. From Sherwood Dr to Oakwood Ave
X	X	1.0	AZALEA AVENUE From Oakwood Ave to end
X	X	0.3	Off road to Lyla Ave
X	X	0.6	LYLA AVENUE (entire)
X	X	0.5	Off road to North Cabarrus Park
X		2.3	OAKWOOD AVENUE From Klondale Avenue Ext to Orphanage Rd
	X		North Cabarrus Park to Winecoff Elem
X		0.6	Off Road
X		0.3	SHADY LANE AVENUE From Easy St to Winecoff School Rd
	X	0.9	Irish Buffalo Creek off road thru Lantern Green
X		0.5	FAIRVIEW STREET From McClain Rd to Little Texas Rd
	X	0.9	Off road from Little Texas Rd to Midlake Rd
	X	0.4	Off road from Midlake Rd to Lake Fisher
	X	2.8	Lake Fisher
			Moose Creek Connection - (Jackson Park Elem to Kannapolis Recreation Park to Lake Fisher)
X	X	0.5	GRACE AVENUE From Venus St to north end
		1.9	Off road to Lake Fisher along Moose Branch
		2.5	Northern Kannapolis Connector
	X	1.0	Bakers Branch to Jack Street
X		0.2	JACK STREET From Strickland Court to West A Street
X		0.8	WEST A STREET From Jack St to South Zion St
	X	0.5	Off road to Northern Connector Route

		10.2	Concord Routes
X		0.3	Three Mile Branch Hospital Spur MALL ROAD from Three Mile Branch to Hospital
X		0.2	Through hospital
X		0.3	BURRAGE ROAD from Lake Concord Road to Palaside Dr
X		0.5	PALASIDE DRIVE From Burrage Rd to Beverly Hills Elementary School
X		0.1	SCENIC DRIVE from Palaside Dr to Miramar St
X		1.0	MIRAMAR STREET from Scenic Dr to Burrage Rd NE at Concord High School
X			Concord High School to Irish Buffalo Creek Route
X		1.3	BROOKWOOD AVENUE NW from Concord HS to Spring St
X		0.2	SPRING STREET from Brookwood Ave to Peachtree Ave
X		0.1	PEACHTREE AVE from Spring St to McGill Ave
X		1.1	McGILL AVENUE from Peachtree Ave to Irish Buffalo Creek Route at 29/601
X	X		Irish Buffalo Creek Spur
X		0.55	Off road from McGill Ave at Peachtree thru the Academy Center to Cedar Dr
X		0.15	CEDAR DRIVE from Kerr St to Franklin Ave
X		0.15	FRANKLIN AVENUE from Cedar Dr to Powder Rd
X		0.25	POWDER ROAD from Franklin Ave to Corban Ave, tie to Irish Buffalo Creek Route
X			Downtown Spur
X		0.2	BUFFALO STREET from Spring St to Union St
X		2.0	UNION STREET from Buffalo St to McAllister Rd
X		0.1	McALLISTER ROAD from Union St to R Brown McAllister School
X		0.3	HERMITAGE ROAD from R Brown McAllister School to Three Mile Branch Route
X			Downtown Spur - through stormwater management site
X		0.3	WOODSDALE PLACE from end to Cabarrus Ave
X		0.6	CABARRUS AVENUE from Woodsdale Place to Barber Scotia College
X		0.2	GEORGIA STREET from Corban Ave to Chestnut St
X		0.1	CHESTNUT STREET from Georgia St to Crowell
	X	0.2	Off road to Irish Buffalo Creek Route near Melrose Rd
		21.6	Rocky River Spurs
	X	2.7	Clark Creek connection to Mecklenburg County
	X	3.0	Harris Rd School Site to Odell Elementary to Coddle Creek
X		1.2	ODELL SCHOOL ROAD From Davidson Hwy to Untz Rd
X		1.4	UNTZ ROAD From Odell School Rd to eastern end near Coddle Creek
	X	2.0	Mallard Creek
	X	3.0	Back Creek - Mecklenburg County Line to Stallings Rd
X		1.5	Proposed Collector Rd - From Stalling Road to Pharr Mill Road
	X	0.1	Off Road from Pharr Mill Road to Rocky River
	X	5.6	Reedy Creek - Mecklenburg County line to middle school site
	X	0.6	Reedy Creek through Middle school site to Rocky River Road
X		0.5	ROCKY RIVER ROAD From Middle School site to Rocky River
		5.2	Harrisburg Routes
X		1.2	Connector from Mallard Creek to Back Creek Along Proposed Major Thoroughfare from Mallard Creek to Hwy 49

X		0.6	CALDWELL ROAD From Hwy 49 to Back Creek
X		0.8	Proposed Collector Road From Caldwell Road to Alexander Avenue (Veterans Park)
X		0.2	ROBINSON CHURCH ROAD From Railroad Avenue to Back Creek
	X	0.4	Off road from Harrisburg Elementary School to Back Creek
			Veterans Park to Harrisburg Elementary School
X		0.2	RAILROAD AVENUE
X		0.1	HICKORY RIDGE ROAD From Railroad Ave to Stallings Rd
X		0.5	STALLINGS ROAD From Hickory Ridge Road to Elementary School
	X		Town Center Connection
	X	0.6	Off road from Railroad Ave to Future Town Center
	X	0.6	Off road from Future Town Center to Rocky River
		4.2	Midland Routes
X		0.8	MIDLAND ROAD From Idlebrook Rd to Bethel School Rd
X		0.4	BETHEL SCHOOL ROAD From Midland Rd to creek
	X	3.0	Along Muddy Creek from Midland Rd across Hwy 601 to Rocky River
		3.5	China Grove Spur
X		0.5	PATTERSON ROAD From Northern Connector Route to Franklin Rd
X		0.2	FRANKLIN ROAD From Patterson Rd to Stevens Rd
X		0.1	STEVENS ROAD From Franklin to US 29A
X		0.1	US 29A From Stevens to Chapel
X		0.2	CHAPEL from US 29A to Bostian
X		0.5	BOSTIAN from Chapel to Liberty
X		0.2	LIBERTY from Bostian to US 29A
X		0.2	US 29A from Liberty to Washington
X		0.1	WASHINGTON from US 29A to Miller
X		0.2	MILLER from Washington to Shue
X		0.5	SHUE from Miller to Hickory Grove
	X	0.7	Off road from Shue to Campbell Creek
		2.2	Landis Spur
X		0.5	MERIAH from Northern Connector to Hoke
X		0.1	HOKE from Meriah to Valley
X		0.1	VALLEY from Hoke to Round
X		0.2	ROUND from Valley to US29A
X		0.05	US 29A From Round to Round
X		0.15	ROUND From US 29A to Central
X		0.1	CENTRAL from Round to Corriher
X		0.2	CORRIHER from Central to Chapel
X		0.4	CHAPEL from Corriher to Ryder

X		0.4	RYDER from Chapel to Meriah
		2.9	Don Howell Lake Spur
X	X	0.8	Don Howell Lake to Afton Run
		0.9	MACEDONIA CHURCH ROAD from Lake eastward
	X	0.6	Off road to Afton Run
	X	0.6	Afton Run to Northwest Cabarrus Middle / High
	X	0.6	Northwest Cabarrus Middle / High to Irish Buffalo
		5.3	Weddington Hills Connection
	X	1.4	Cannon School to Weddington Hills Elem
	X	1.3	Off road from Hwy 29, Coddle Creek, to Weddington Hills Elem
X	X	1.0	Weddington Hills Elementary to Irish Buffalo Creek
X		0.2	Off road from Weddington Hills Elem to Rock Hill Church Rd
X		0.6	ROCK HILL CHURCH ROAD from Sarah to Poplar Tent Rd
X		0.7	EVA DRIVE from Poplar Tent Rd to Lucky Dr
	X	0.1	LUCKY DRIVE from Eva to Troxler Cr
			Off road from Lucky Dr to Irish Buffalo Creek
		6.1	Frank Liske Park Connectors
	X	0.8	Off road from Frank Liske Park to Wolf Meadow Elem
X		0.2	Wolf Meadow Elementary to Hartsell Park to Irish Buffalo Creek
X		0.5	WOLF MEADOW SCHOOL DRIVE From school entrance to Woodcrest Dr
X	X	0.9	WOODCREST DRIVE
X		0.3	Off road from Woodcrest Dr to Union Cemetery Rd
X		1.0	ROCKLAND CIRCLE From Union Cemetery Rd to Sunderland
X		0.3	SUNDERLAND from Rockland Cr to Charlotte Rd
			CHARLOTTE RD from Sunderland to Cabarrus Ave.
X	X	1.1	Frank Liske Park to Fries Middle School
		0.3	Off road thru soccer park and Stonewall Jackson
	X	0.3	JACKSON CIRCLE from Hooper Dr to Fries Middle School
X	X	0.3	Fries Middle School to WW Flowe Park
		0.3	Off road to Hwy 49
		0.3	HWY 49 from Railroad tracks to Central Cabarrus High
		4.2	W.W. Flowe Park Connector
	X	0.4	Coddle Creek to Rocky River Elementary
	X	2.0	Rocky River Elem to WW Flowe Park/Central Cabarrus High
	X	0.8	Through Central Cabarrus High School
	X	1.0	Central Cabarrus High to Irish Buffalo Creek
		214.7	TOTAL

See Appendix L for additional On Road Bicycle Routes

APPENDIX - L Livable Community Blueprint for Cabarrus County

Proposed On Road Bicycle Routes - Mileage Tabulations

Mileage	Road	From	To
71.85	PERIMETER LOOP - ROUTE #1		(Orange)
1.03	East First Street	Ridge Road	St Joseph St
0.5	St Joseph St	East First Street	Isabelle St
0.03	Isabelle St	St Joseph St	Pearl St
0.22	Pearl St	Isabelle St	Brantley St
0.13	Brantley St	Pearl St	Mable St
0.7	Mable St	Brantley St	13 th St
0.93	13 th St	Brantley St	Moose Rd
2.05	Moose Rd	Arlington Rd	Goldfish Rd
1.11	Goldfish Rd	Moose Rd	Old Concord Rd
0.07	Old Concord Rd	Goldfish Rd	Irish Potato Rd
5.0	Irish Potato Rd	Old Concord Rd	Gold Hill Rd
0.63	Gold Hill Rd	Irish Potato Rd	Saint John's Church Rd
2.6	Saint John's Church Road	Gold Hill Rd	Mt Olive Rd
1.07	Mt Olive Rd	Saint John's Church Road	Moose Rd
1.0	Moose Rd	Mt Olive Rd	Fisher Rd
1.12	Fisher Rd	Moose Rd	Main St
1.63	Main St	Fisher Rd	Lee St
0.33	Lee St	Main St	Short
0.14	Short	Lee St	Bowman Barrier Rd
0.93	Bowman Barrier Rd	Short	Long Run Farm Rd
2.1	Long Farm Run Rd	Bowman Barrier Rd	Barrier Store Rd
0.51	Barrier Store Rd	Long Farm Run Rd	Barrier Georgeville Rd
3.72	Barrier Georgeville Rd	Barrier Store Rd	NC 200
5.02	Reed Mine Rd	NC 200	NC 24 / 27
2.23	Pine Bluff Rd	NC 24 / 27	Garmon Mill Rd
1.5	Garmon Mill Rd	Pine Bluff Rd	Broadway Ave
0.28	Broadway Ave	Garmon Mill Rd	Barberry St
0.38	Barberry St	Broadway Ave	US 601
0.14	US 601	Barberry St	Bethel School Rd
1.0	Bethel School Rd	US 601	Midland Rd
1.0	Midland Rd	Bethel School Rd	Oak Grove Cr
0.12	Oak Grove Cr	Midland Rd	Cabarrus Station
0.25	Cabarrus Station	Oak Grove Cr	Sam Black Rd
3.54	Sam Black Rd	Cabarrus Station	Flowes Store Rd
1.25	Flowes Store Rd	Sam Black Rd	Morrison Rd
2.12	Morrison Rd	Flowes Store Rd	Lower Rocky River Rd
0.5	Lower Rocky River Rd	Morrison Rd	Hickory Ridge Rd

5.0	Hickory Ridge Rd	Lower Rocky River Rd	Stallings Rd
2.56	Stallings Rd	Hickory Ridge Rd	Rocky River Rd
2.8	Rocky River Rd	Stalling Rd	Archibald
1.12	Archibald	Rocky River Rd	Zion Church Rd
3.35	Zion Church Rd	Archibald	Wilshire
1.16	Wilshire	Zion Church Rd	Union St
1.95	Union St	Wilshire	Buffalo St
0.07	Buffalo St	Union	North Church (601 Bus)
0.84	N. Church St (601 Bus)	Buffalo St	Palaside
0.10	Palaside	N Church St (601 Bus)	Arbor
0.42	Arbor	Palaside	Lake Concord Rd
1.49	Lake Concord Rd	Arbor	Mt Olivet
0.84	Mt Olivet	Lake Concord Rd	Ridge Rd
3.27	Ridge Rd	Mt Olivet	East First St
43.27	MECKLENBURG COUNTY TO	STANLY COUNTY -	ROUTE #2 (Green)
1.54	Davidson Rd	Mecklenburg County line	NC 136
1.0	NC 136	Davidson Rd	Archer Dr
2.8	Archer Dr	NC 136	Alexander Dr
0.21	Alexander Dr	Archer Dr	Plum Rd
1.25	Plum Rd	Alexander	Tuckaseegee Rd
3.96	Tuckaseegee Rd	Plum Rd	Enochville
0.56	Enochville	Tuckaseegee Rd	C Street
0.75	C Street	Enochville	Rainbow Rd
1.11	Rainbow Rd	C Street	Pine St
1.47	Pine St	Rainbow Rd	A Street
0.22	A Street	Pine St	West St
0.07	West St	A St	1 st St
1.15	1 st St	West St	St Joseph
0.5	St Joseph	East First St	Isabelle
0.03	Isabelle	St Joseph	Pearl St
0.22	Pearl St	Isabelle	Brantley St
1.15	Brantley St	Pearl St	Midlake Rd
1.08	Midlake Rd	Brantley St	Centergrove Rd
0.92	Centergrove Rd	Midlake Rd	Camp Julia
1.14	Camp Julia	Centergrove Rd	Old Salisbury Concord
2.06	Old Salisbury Concord	Camp Julia	Sapp
1.12	Old Salisbury	Sapp	Neisler
1.35	Neisler	Old Salisbury Rd	Gold Hill Rd
0.52	Gold Hill Rd	Neisler	NC 73
0.07	NC 73	Gold Hill Rd	Crestmont
1.93	Crestmont	NC 73	Old Airport Rd
1.14	Old Airport Rd	Crestmont	Hess Rd
1.16	Hess Rd	Old Airport Rd	Cold Springs Rd

2.81	Cold Springs Rd	Hess Rd	Mt Pleasant Rd
2.51	Mt Pleasant Rd	Cold Springs Rd	NC 73
1.54	NC 73	Halifax Dr	Dutch Rd
5.77	Dutch Rd	NC 73	Gold Hill Rd
0.16	Gold Hill Rd	Dutch Rd	Stanly County line
30.09	EXISTING CROSS STATE -	Route #6	(Pink)
4.33	Poplar Tent Rd	Mecklenburg County line	Pitts School Rd
6.0	Pitts School Rd	Poplar Tent Rd	Roberta Rd
0.44	Roberta Rd	Pitts School Rd	Blackwelder Rd
0.91	Blackwelder Rd	Roberta Rd	Lippard Lane
0.42	Lippard Lane	Blackwelder	Lippard
0.19	Lippard	Lippard Lane	NC 49
2.70	Pharr Mill Rd	NC 49	Rocky River Rd
0.16	Rocky River Rd	Pharr Mill Rd	Lower Rocky River Rd
0.6	Lower Rocky River Rd	Rocky River Rd	Pine Grove Church Rd
1.51	Pine Grove Church Rd	Lower Rocky River Rd	Flowes Store Rd
1.35	Flowes Store Rd	Pine Grove Church Rd	Flowes Store Rd East
2.14	Flowes Store Rd East	Flowes Store Rd	US 601
0.58	US 601	Flowes Store Rd East	Joyner Rd
1.60	Joyner Rd	US 601	Mt Pleasant Rd
0.93	Mt Pleasant Rd	Joyner Rd	NC 200
1.0	NC 200	Mt Pleasant Rd	Barrier Georgeville Rd
2.28	Barrier Georgeville Rd	NC 200	Crayton Rd
1.0	Crayton Rd	Barrier Georgeville Rd	County Line Rd
1.25	County Line Rd	Crayton Rd	Barrier Store Rd
0.7	Barrier Store Rd	County Line Rd	Stanly County line
44.78	UNSIGNED CONNECTORS		(yellow)
1.35	Moose Rd	Goldfish Rd	Old Beatty Ford Rd
5.0	Old Beatty Ford Rd	Moose Rd	Organ Church Rd
3.3	Organ Church Rd	Old Beatty Ford Rd	Kluttz Rd
5.2	Mt Pleasant Rd	Kluttz Rd	Fisher Rd
6.4	Old Salisbury Concord Rd	Goldfish Rd	Camp Julia
2.1	Irish Potato Rd	Gold Hill Rd	NC 73
0.84	Cold Springs Rd	NC 73	Hess Rd
1.0	Rutherford	Wilshire	Lincoln St
0.4	Lincoln St	Rutherford	Chestnut St
0.23	Chestnut St	Lincoln St	Union St
1.35	Union St	Wilshire	Old Airport Rd

0.84	Old Airport Rd	Union St	Crestmont
1.8	Old Salisbury Rd	Neisler	Burrage
2.8	Burrage	Cabarrus Ave	Lake Concord Rd
1.6	Roberta Rd	Pitts School Rd	NC 49
0.19	School Cr	NC 49	Hickory Ridge Rd
0.33	Hickory Ridge Rd	School Cr	Stallings Rd
1.72	Zion church Rd	Archibald	Flowes Store Rd
1.77	Flowes Store Rd	Zion Church Rd	Flowes Store Rd East
0.8	Flowes Store Rd	Pine Grove Church Rd	Sam Black Rd
1.37	John White Rd	Flowes Store Rd	Cal Bost Rd
0.42	Cal Bost Rd	John White Rd	Troutman Rd
2.56	Troutman Rd	Cal Bost Rd	Jim Sossoman Rd
0.9	Jim Sossoman Rd	Troutman	Midland Rd
0.52	Lower Rocky River Rd	Hickory Ridge Rd	Mecklenburg County line
190.0	TOTAL		

See Appendix K for additional On Road and Off Road Bicycle and Pedestrian Routes