



meeting 5

Comprehensive Park, Trail, & Open Space Plan Update

May 7, 2007

Shakopee Community Center

Rotary Room

6:30-9:00pm

Draft



assignment results

Question 1:

What do you value most about the current Shakopee Park System?

- **Safe trails, frisbee park/golf course; community center**
- **They are very close to our home and offer a variety of activities**

Question 2:

What is lacking in the park, trail, and open space system?

- **Restrooms, Skating Rink**



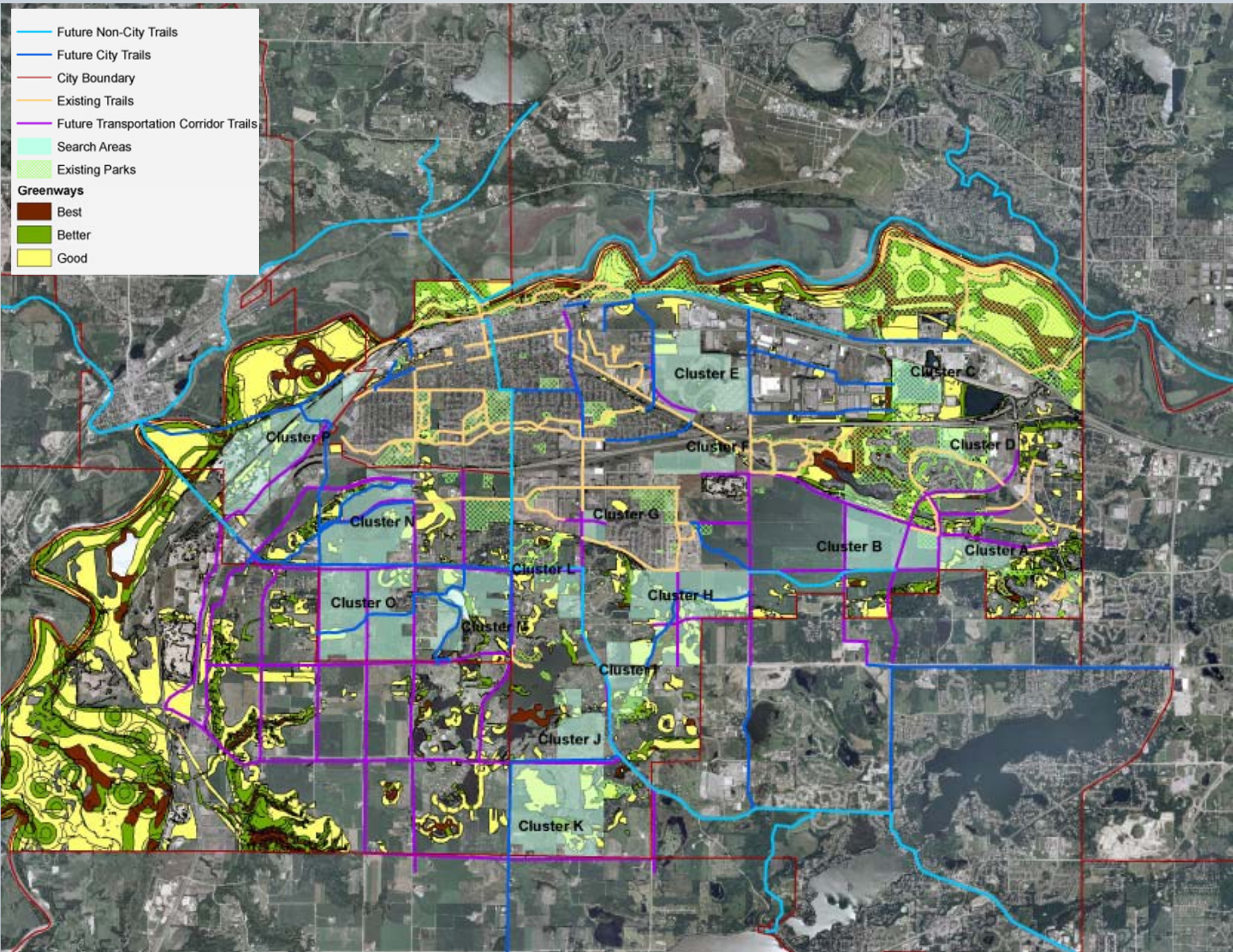
assignment results

Question 3:

What would you envision the Shakopee Park System to be in twenty years?

- **Paintball course, lighting on trails, dog park and connecting trails**
- **Better lighting at night at parks and on trails and expansion of the community center facilities for weight training and fitness classes.**
- **Safe, fun environment for people of all ages**
- **More bike/walk trails that connect up with residential developments and parks.**

- Future Non-City Trails
- Future City Trails
- City Boundary
- Existing Trails
- Future Transportation Corridor Trails
- Search Areas
- Existing Parks
- Greenways**
- Best
- Better
- Good



search areas



Cluster G



search areas



Cluster H

search areas



Cluster N



search areas



Cluster O



original athletic facility projections

Projected Park Facility Need Based on Shakopee Sports Group Participation Rates and National Trends

Type of Facility	2006 Facilities by Location				Target ages of sports programs	2006 # of Shak. & Jack. Twp residents in sports programs that use facility type	2006 Shakopee & Jackson Twp pop. in target age group	% participation of age group	National trends in participation of sports that use facility type	Program participants per facility	2030 Forecasts			
	Parks	Schools	Other	Total							Projected pop. in target age groups	Projected % participation of age group	Projected # of residents in programs to use facility type	Projected facility need*
Youth ballfields	7	22	0	29	5-16	1,315	6,358	20.7%	down	45	9,311	17.7%	1,648	36
Baseball fields (adult)	0	0	1	1	18+	60	22,970	0.26%	down	60	39,092	0.20%	78	1
Softball fields (adult)	8	0	0	8	18+	1,027	22,970	4.5%	down	128	39,092	4.0%	1,564	12
Football fields	4	3	1	8	8-11	248	2,185	11.4%	up	31	3,153	12.4%	391	13
Soccer fields (regulation)	7	3	0	10	8-17	324	4,765	6.8%	up	32	6,873	8.8%	605	19
Soccer fields (micro)	42	12	0	54	4-8	493	2,797	17.6%	up	9	4,246	19.0%	807	88
Tennis courts- outdoor	4	14	0	18	7-17	400	5,311	7.5%	down	22	7,662	6.3%	483	22
Basketball courts-indoor	0	10	2	12	7+	677	28,281	2.4%	down	56	46,754	2.2%	1,029	18
Volleyball courts-indoor	0	10	1	11	12+	462	25,550	1.8%	down	42	42,813	1.4%	599	14
Hockey rinks-indoor	0	0	1	1	6-15	317	5,090	6.2%	no data	317	7,402	7.0%	518	2
Wrestling space	0	1	0	1	5-12	90	4,553	2.0%	no data	90	7,809	2.0%	156	2

¹ Youth ballfields are used by softball, little league, t-ball, and nearball programs.

² The vast majority of "micro" soccer fields are created by partitioning each of the 10 regulation soccer fields into 4 "micro" soccer fields.

³ The park system also includes an additional 17 tennis courts (5 in parks and 11 at schools) not used by sports groups.

⁴ There are four outdoor sand volleyball courts that are not used by sports groups.

⁵ There are three outdoor hockey that are not used by sports groups.

⁶ Soccer and football acreage estimates are sized for multiple uses such as lacrosse

⁷ Lighting has not been included in youth ballfield cost estimates

⁸ Baseball, Softball, Soccer, & Football field costs include lighting, irrigation, and parking

⁹ Cost estimates are based on current rates

¹⁰ Revised facilities to be added are based on comments from the City



updated athletic facility projections

Projected Park Facility Need Based on Shakopee Sports Group Participation Rates and National Trends

Type of Facility	Total # of Existing Park Facilities in Park System	Total # of 2030 Park Facilities in Park System	2006 Facilities by Location used by associations			Total Existing # of facilities used by associations	Total 2030 Projected # of facilities used by associations	# of facilities to be added	# of acres per facility including parking	Total # of additional acres	Cost of each future facility	Total Costs of future facilities
			Parks	Schools	Other							
Youth ballfields	37	44	7	22	0	29	36	7	2	14	\$160,000.00	\$1,120,000.00
Baseball fields (adult)	1	2	0	0	1	1	2	1	3	3	\$360,000.00	\$360,000.00
Softball fields (adult)	8	12	8	0	0	8	12	4	2.2	8.8	\$230,000.00	\$920,000.00
Football fields	8	13	4	3	1	8	13	5	2	10	\$150,000.00	\$750,000.00
Soccer fields (regulation)	10	19	7	3	0	10	19	9	2.5	22.5	\$150,000.00	\$1,350,000.00
Soccer fields (micro)	54	132	42	12	0	54	132	78	~	~	~	~
Tennis courts- outdoor	27	27	4	16	0	20	20	~	~	~	~	~
Basketball courts	24	30	0	10	2	12	18	6	~	~	~	~
Volleyball courts	16	19	0	10	1	11	14	3	~	~	~	~
Hockey rinks	4	5	0	0	1	1	2	1	~	~	~	~
Wrestling space	1	2	0	1	0	1	2	1	~	~	~	~
Totals										58.3		\$4,500,000.00

¹ Youth ballfields are used by softball, little league, t-ball, and nearball programs.

² The "micro" soccer fields are created by partitioning soccer fields, football fields, and outfielders into "micro" soccer fields.

³ Soccer and football acreage estimates are sized for multiple uses such as lacrosse or rugby

⁴ Lighting has not been included in youth ballfield cost estimates

⁵ Baseball, Softball, Soccer, & Football field costs include lighting, irrigation, and parking

⁶ Cost estimates are based on current rates

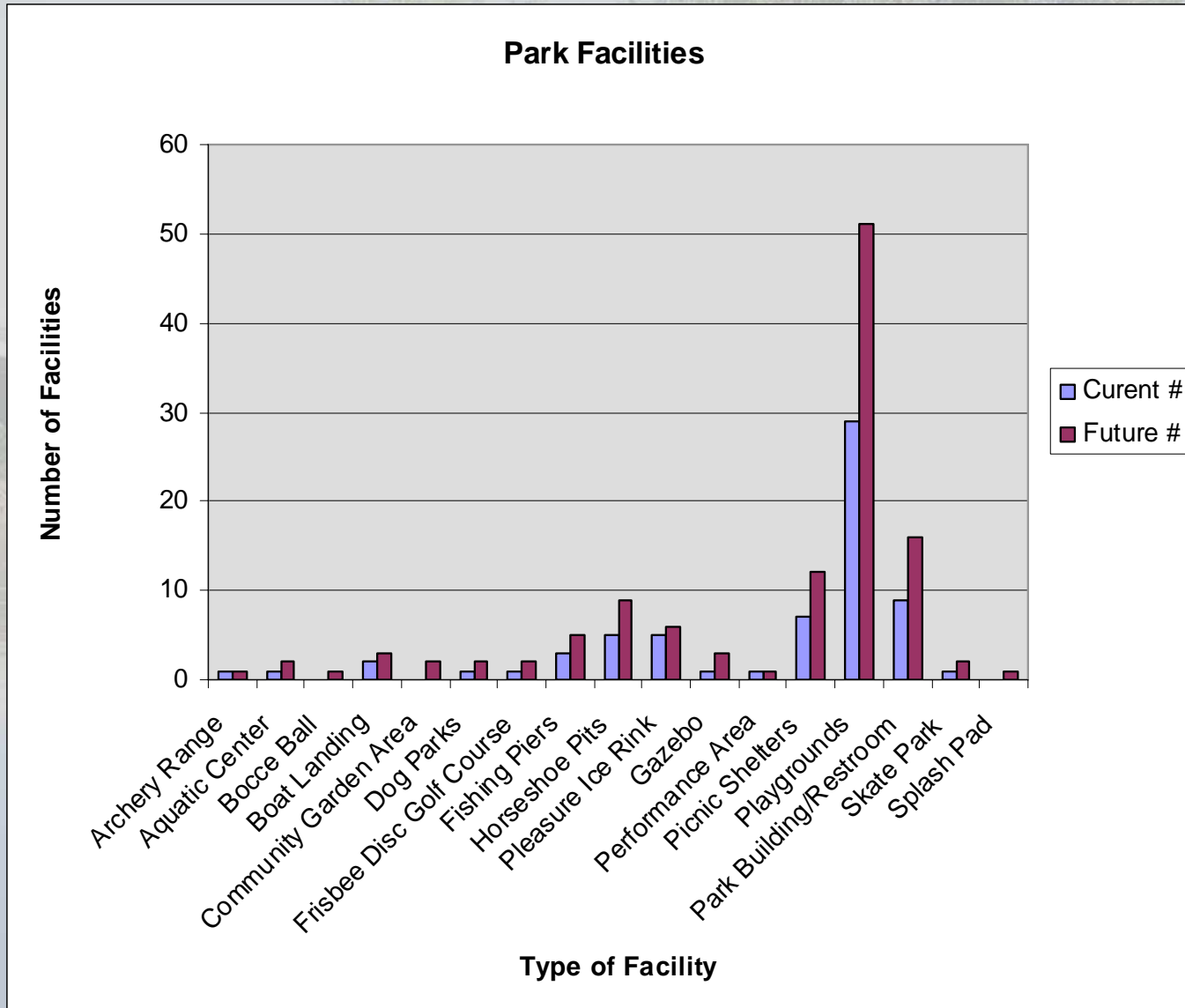


park facilities

Park Amenity	Curent #	Future #	Facilities to be adde	Costs per facility	Total Costs
Archery Range	1	1	0		\$0
Aquatic Center	1	2	1	\$3,000,000.00	\$3,000,000
Bocce Ball	0	1	1	\$5,000.00	\$5,000
Boat Landing	2	3	1	\$150,000.00	\$150,000
Community Garden Area	0	2	2	\$2,000.00	\$4,000
Dog Parks	1	2	1	\$5,000.00	\$5,000
Frisbee Disc Golf Course	1	2	1	\$20,000.00	\$20,000
Fishing Piers	3	5	2	\$10,000.00	\$20,000
Horseshoe Pits	5	9	4	\$4,000.00	\$16,000
Pleasure Ice Rink	5	6	1	\$200,000.00	\$200,000
Gazebo	1	3	2	\$40,000.00	\$80,000
Performance Area	1	1	0		\$0
Picnic Shelters	7	12	5	\$100,000.00	\$500,000
Playgrounds	29	51	22	\$75,000.00	\$1,650,000
Park Building/Restroom	9	16	7	\$600,000.00	\$4,200,000
Skate Park	1	2	1	\$80,000.00	\$80,000
Splash Pad	0	1	1	\$250,000.00	\$250,000
Subtotal					\$10,180,000
Supporting Infrastructure -parking, lighting, etc. (15%)					1,527,000
Capital Improvements Subtotal					11,707,000
Soft Costs (20%)					2,341,400
Total Costs					14,048,400



park facilities





trails

	Current City Trails (LF)	Future City Trails (LF)	Costs per Linear Foot	Total Costs
City Trails	225,456	447,744	\$30.00	\$13,432,320.00



city comparison

Shakopee 1998 Plan: 21.5 acres/ 1,000 people (does not include undeveloped open space)

- 1 acre/75 people = 13.3 acres/1,000 people
- 693 acres required for 2030 population

Eden Prairie, MN: 16.84 acres/1,000 people

Broomfield, CO: 24 acres/ 1,000 people (8 acres open space & 16 acres park)

Bend, OR: 29 acres/1,000 people (12.62 acres open space & 17 acres park)

Lino Lakes, MN: 44 acres/1,000 people



land needs

Park Type	Existing Acres	2005 Existing Level of Service (acres per 1,000 pop.) ¹	NRPA standards	2030 Planned Level of Service (acres per 1,000 pop.) ²	Total acres needed by 2030	Additional acres needed by 2030
Mini-Park	1.6	0.1	.25-.50	0.3	13.0	11.4
Neighborhood Parks	65.0	2.2	2.5-3.5	3.0	156.0	91.0
Community Parks	524.0	17.9	5.0-8.0	15.0	780.0	256.0
School Facilities	179.0	6.1	None	6.1	317.2	138.2
Special Facilities	99.0	3.4	None	3.4	175.2	76.2
Undeveloped Open Space	273.0	9.3	None	9.3	484.1	211.1
Total Parks/Open Space	1,141.6	38.9	N/A	37.0	1,925.6	784.0

¹ Based on 2005 estimated population of 29,335

² Based on 2030 projected population of 52,000



adjusted land needs

Park Type	Existing Acres	Existing # of Parks	2005 Existing Level of Service (acres per 1,000 pop.) ¹	NRPA standards	2030 Planned Level of Service (acres per 1,000 pop.) ²	Total acres needed by 2030	Additional acres needed by 2030	Future # of Parks	# of Parks to be Added
Mini-Park	1.6	3.0	0.1	.25-.50		1.6	0.0	0	0
Neighborhood Parks	65.0	20.0	2.2	2.5-3.5	6.0	312.0	247.0	26	6.0
Community Parks	534.0	13.0	18.2	5.0-8.0	12.0	624.0	90.0	20.8	7.8
Undeveloped Open Space	362.0	6.0	12.3	None	12.0	624.0	262.0	15.6	9.6
Total Parks/Open Space	962.6		32.8	N/A	30.0	1,560.0	597.4	62.4	23.4

¹ Based on 2005 estimated population of 29,335

² Based on 2030 projected population of 52,000

3 Future neighborhood parks are estimated at 12 acres each

4 Future community parks are estimated at 30 acres each

5 Future undeveloped open spaces are estimated at 40 acres each



land availability

Cluster Name	Future Acres	Cluster Development Opportunity
Cluster A	262	Active Park
Cluster B	237	Active Park/Natural Resource
Cluster C	110	Special Use -Quarry Lake
Cluster D	50	Natural Resource Areas
Cluster E	427	Active Park
Cluster F	130	Active Park
Cluster G	44	Active Park
Cluster H	621	Active Park/Natural Resource
Cluster I	2	Athletic Complex/Natural Resource
Cluster J	179	Natural Resource Areas
Cluster K	592	Natural Resource Areas
Cluster L	96	Natural Resource Areas
Cluster M	219	Natural Resource Areas
Cluster N	475	Natural Resource Areas
Cluster O	478	Active Park/Natural Resource
Cluster P	525	Active Park/Natural Resource
Total	4,447	



park dedication

State Enabling Legislation

Minnesota Statutes gives authority to cities to require “...*that a reasonable portion of any proposed subdivision be dedicated to the public, or preserved for conservation purposes or for public use as parks, playgrounds, trails, wetlands, or open space...*”

- Mn Statutes, 462.358 Subd. 2(b)



park dedication

State Enabling Legislation

“...the municipality must adopt a capital improvement budget and have a parks and open space plan...”

- Mn Statutes, 462.358 Subd. 2(b)

State Enabling Legislation

*“Cash payments received must be used **only** for the acquisition and development or improvement of parks, recreational facilities, playgrounds, trails, wetlands, or open space based on the approved park systems plan. Cash payments **must not be used for ongoing operation or maintenance of parks, recreational facilities, playgrounds, trails, wetlands, or open space.**”*

- Mn Statutes, 462.358 Subd. 2(b)



park dedication

Shakopee's Park Dedication Ordinance (last amended 8/24/06):

Residential Subdivisions

- **Land dedication-** One (1) acre per seventy-five (75) people **OR**
- **Cash in lieu of land**
 - \$5,340/unit (single family)
 - \$4,450/unit (multi-family)

Commercial/Industrial Subdivisions

- **Land dedication** – 10% of buildable land (net wetlands) **OR**
- **Cash in lieu of land** - \$6,930/acre



park dedication

Shakopee's Park Dedication Ordinance (last amended 8/24/06):

Trails

- **Land dedication-** When a trail is on the Comprehensive Plan map and is located in whole or in part within the proposed subdivision, it should be designated on the plat and dedicated to the city.
- **Cash in lieu of land, construction, or easement dedication**
 - Only applies to residential plats
 - 2007 Park Dedication Fees do not include a separate trail fee
- **Comments**
 - Land and/or cash for trails is authorized by statute
 - Need to determine if trails are in addition to park dedication or a component of park dedication

Will our current ordinance meet future needs?

- Projected need is **597 acres**
 - 335 acres active parkland
 - 262 acres passive open space
- **\$31.9 million** in projected costs
 - \$4.5 million in new athletic facilities
 - \$14.0 million in park facilities
 - \$13.4 million in trail facilities



park dedication

Will our current ordinance meet future needs?

Level of Service ¹	Active	Passive (undeveloped open space)	Total
Existing	20.5	12.3	32.8
Planned	18.0	12.0	30.0
Ordinance Requirements	NA	NA	13.3

¹ Acres/1,000 pop.

Planned level of service is 2.25 x's ordinance requirements



park dedication

Will our current ordinance meet future needs?

2005 – 2030 Pop. Change		Ordinance Requirements	Total Potential Acres*
22,665 population	/	1 acre/75 pop	= 302.2 acres
Undeveloped Commercial & Industrial Acres		10% Buildable Land	
602 acres	x	.10	= 60.2 acres
Total Potential Acres			= 362.4

* Assumes all park dedication obtained is land



park dedication

Will our current ordinance meet future needs?

- Total Potential Ordinance Requirements = **362 acres***
- Needs Assessment = **597 acres**
- **235 acre gap!**

* Assumes all park dedication obtained is land



park dedication

Will our current ordinance meet future needs?

- **Projected Total Costs = \$31.9 million**
 - Athletic facilities = \$4.5 million
 - Park facilities = \$14.0 million
 - Trails = \$13.4 million



park dedication

Will our current ordinance meet future needs?

2005 – 2030	Required Fee	\$ Potential Range*
Household (HH) Growth	\$5,340/SF unit	\$55.4 million
= 10,378 HH	\$4,450/MF unit	\$46.1 million

* Assumes cash in lieu of land for all dedications



park dedication

Will our current ordinance meet future needs?

Commercial & Industrial (buildable acres)	Required Fee	\$ Potential
602 acres	\$ 6,930	= \$4.1 million

- Projected costs could be met (\$31.9 million)
- Implications for meeting land demand



park dedication

Will our current ordinance meet future needs?

- Projected costs are \$31.9 million
 - Potential residential fees range from \$55.4 - \$46.1 million
 - Potential commercial/industrial fees of \$4.1 million
 - Total potential fees range from \$59.5 – \$50.2 million
- Potential surplus of \$27.6- \$18.3 million
- Implications for meeting land demand



park dedication

How do our dedication requirements compare to adjacent cities?

City	Cash fee in lieu of land* (single family unit)
Eden Prairie	\$6,000
Shakopee	\$5,340
Prior Lake	\$3,750
Savage	\$3,230

* Based on fair market value of land



park dedication

How do our dedication requirements compare to adjacent cities?

City	Cash fee in lieu of land* (multifamily unit)
Eden Prairie	\$5,000
Shakopee	\$4,450
Prior Lake	\$3,750
Savage	\$3,230

* Based on fair market value of land



park dedication

How do our dedication requirements compare to adjacent cities?

City	Cash fee in lieu of land* (per commercial/industrial acre)
Eden Prairie	\$11,000
Savage	\$7,800
Shakopee	\$6,930
Prior Lake	\$6,400

* Based on fair market value of land



park dedication

How does our level of service compare to peer reviewed cities?

City	Level of Service* (acres/1,000 population)
Shakopee	30.0
Bend, OR	29.6
Broomfield, CO	24.0
Eden Prairie	16.8

* Includes park and open space

Discussion Questions

- **Is Shakopee's level of service (30.0) sustainable?**
- **Can the city legally justify raising park dedication requirements?**
- **Can open space be acquired through other means?**
- **Can trail dedication be legally justified in addition to existing park dedication requirements?**
- **Can maintenance and operation funds support the projections?**