



PHALEN - KELLER REGIONAL PARK MASTER PLAN UPDATE

November 2010



Phalen-Keller Regional Park continues to attract over one million visitors annually, making it one of the most visited Regional Parks in the Twin Cities Metropolitan Region. The Park and its facilities are Safe, Picturesque, Vibrant, and Healthy. People from local neighborhoods, as well as from across the region, participate in both active and passive activities throughout its nearly 750 acres.

ACKNOWLEDGEMENTS

Many resources were utilized during this planning process. The greatest of these resources included the time, knowledge, and enthusiasm of the following individuals:

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INTRODUCTION

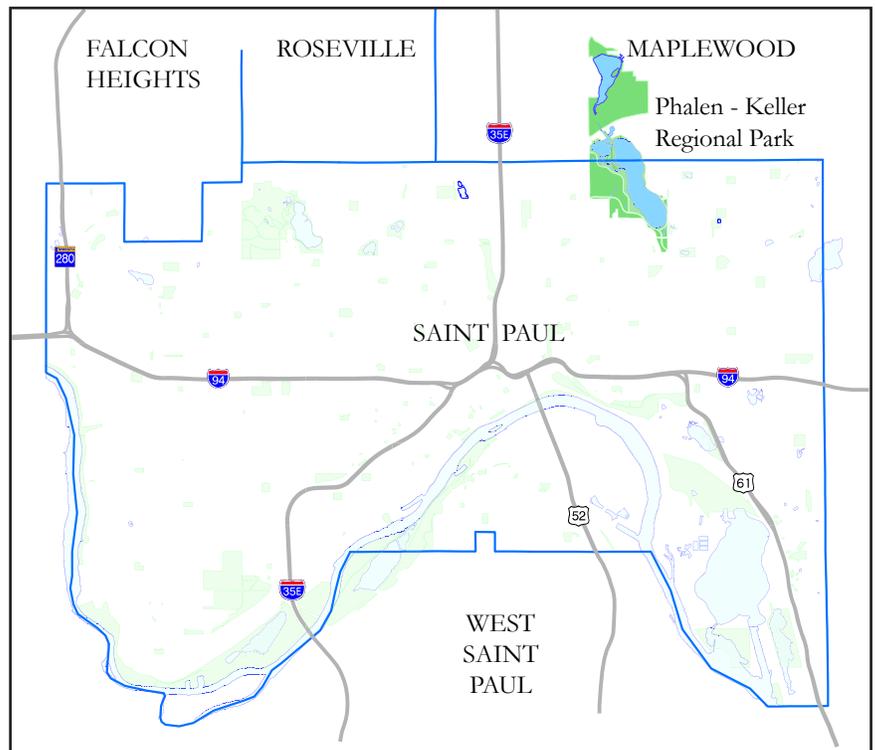
The City of Saint Paul completed a master plan for Phalen Park in 1975 and Ramsey County completed a master plan for Keller Park in 1977. In 1978, these agencies completed a joint master plan for the Phalen - Keller Regional Park, as shown in Figures A and B. This update to the Phalen - Keller Regional Park Master Plan is a response to the many changes and demands for parks and recreational opportunities that have occurred since that time. These two agencies continue to operate and maintain the respective parks - Saint Paul with Phalen portion of the park and Ramsey County with Keller portion of the park.

The updated master plan addresses the eleven content requirements for Regional Parks and Open Space Master Plans as outlined by the Metropolitan Council Parks and Open Space Development Guide/Policy Plan. These eleven Content Requirements are:

- Boundaries and Acquisition
- Costs
- Stewardship Plan
- Demand Forecast
- Development Concept
- Conflicts
- Public Services
- Operations
- Citizen Participation
- Public Awareness
- Special Needs
- Natural Resources

Once adopted, the master plan will make the City and County eligible to apply for funding to implement plans for the amenities identified in this updated master plan.

Some of the highlights of this master plan include restoration and expansion of native plant areas, improve water resources, trail connections, and picnic facilities, and provide additional cultural and historical amenities.



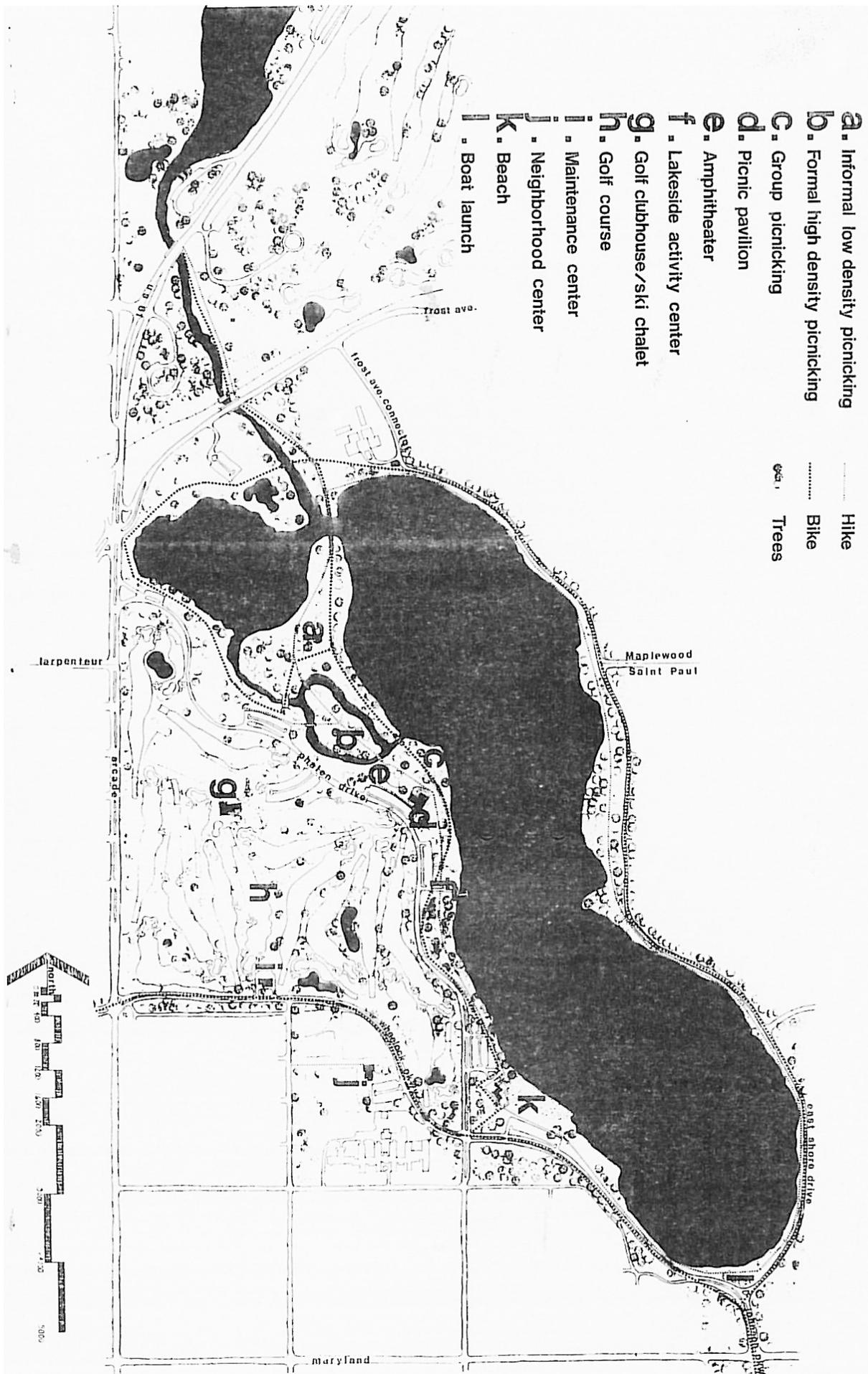


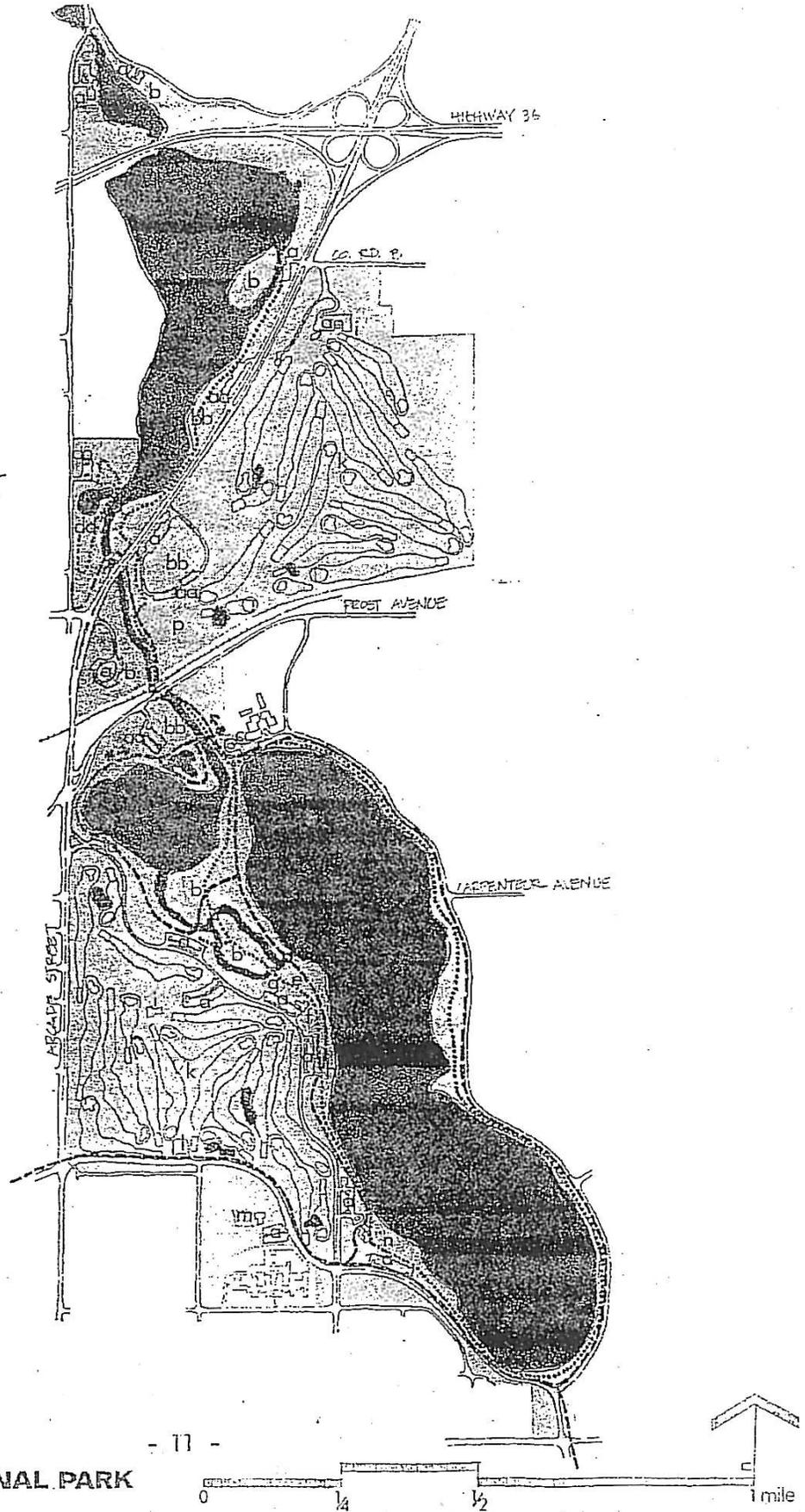
FIGURE A - Phalen Master plan (1975)

existing

- a PARKING
- b PICNICKING
- c BOAT LAUNCH
- e GROUP PICNIC AREA
- f PICNIC PAVILION
- g AMPHITHEATER
- h LAKESIDE ACTIVITY CENTER
- i GOLF CLUB HOUSE/SKI CRUISE
- k GOLF COURSE
- l MAINTENANCE CENTER
- m NEIGHBORHOOD CENTER
- n BEACH
- p ARCHERY
- HIKING PATH
- BIKE PATH

proposed

- aa PARKING
- bb PICNICKING
- cc BOAT LAUNCH
- dd ARBORETUM
- HIKING PATH
- BIKE PATH



development concept

KELLER - PHALEN REGIONAL PARK

3. FIGURE B - Phalen - Keller Regional Park Master site plan (1978)

BOUNDARIES & ACQUISITION COSTS

Phalen - Keller Regional Park is nearly 750 acres in size which includes the 7 acre Spoon Lake, 72 acre Keller Lake, 20 acre Round Lake, and 198 acre Lake Phalen. The park is owned and maintained by the City of Saint Paul and Ramsey County. The majority of the Phalen portion of the park is located in the City of Saint Paul and is roughly defined by Frost Avenue on the North, East Shore Drive on the East, Wheelock Parkway on the South, and Arcade Street on the West. The majority of the Keller portion of the park is located in the City of Maplewood and is roughly defined by Frost Avenue on the south to Spoon Lake (at Arcade Street) on the North.

There are two parcels in the Phalen portion of the Park, located at 1445 Arcade Street and 1298 Arlington Avenue, identified as potential acquisitions. Acquisition of these two parcels would be used for improvements to vehicular circulation. A traffic and circulation study is needed to fully review traffic impacts in these two areas. Refer to Figures 1.1 and 1.2 for the two parcels identified above.

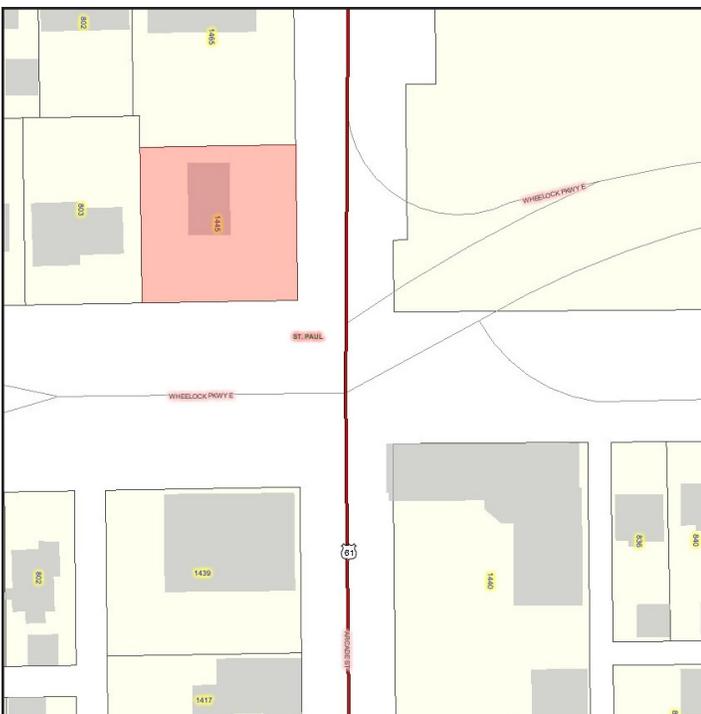


FIGURE 1.1 - 1445 Arcade Street
2010 value: \$ 155,200.00

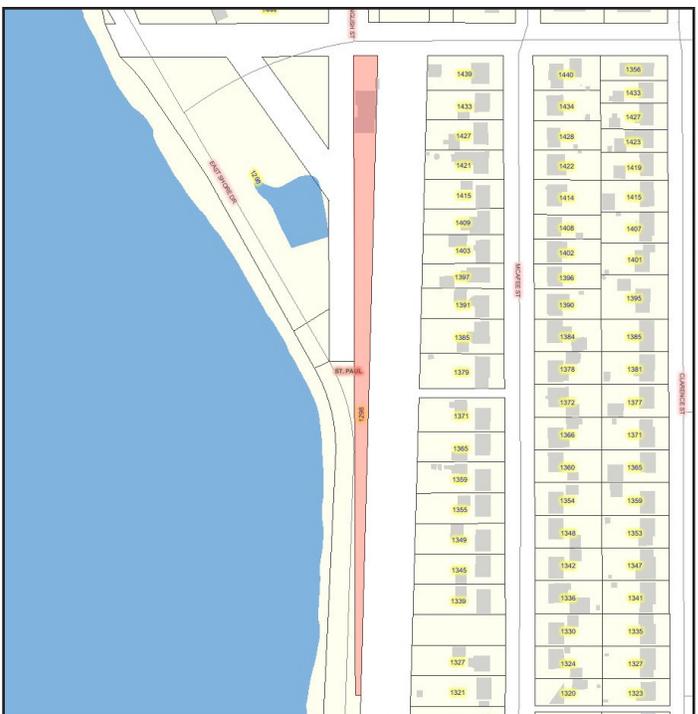


FIGURE 1.2 - 1298 Arlington Avenue
2010 value: \$ 223,500.00

STEWARDSHIP PLAN

The City of Saint Paul owns and maintains Phalen Park and Ramsey County owns and maintains Keller Park. The Saint Paul Police and Fire Department currently maintain public safety within the Phalen Park boundaries. The Ramsey County Sheriff's Department and Maplewood Police Department maintain public safety within Keller Park. There are no non-resident uses or collection of revenues from such uses planned at this time. Should such uses occur in the future, revenues will be utilized consistent with the adopted Recreation Open Space Development Guide/Policy Plan.

DEMAND FORECAST

Based on the 2009 Metropolitan Council Annual Use Estimate of the Metropolitan Regional Park System, Phalen - Keller Regional Park was ranked as the 10th most visited regional park with 1,091,900 visits in 2009.

The 2008 Metropolitan Council Parks and Trails Survey indicated walking/hiking, jogging/running, boating (including sailing, canoeing, kayaking, rowing, and jet skiing), fishing, picnicking, and relaxing are the top activities occurring in Phalen - Keller Regional Park.

A significant emphasis of the updated Phalen - Keller Regional Park Master Plan is to improve trails for walking, running, and biking, improve fishing opportunities, picnic facilities, and especially to maintain areas for relaxing.

Based on the prepared facility improvement and trail expansion, it is anticipated that use will ultimately increase approximately 30% over the 2009 use estimate. The result would yield approximately 1,400,000 annual visitors.

See Appendix A for projected site capacity and parking capacity estimates.

DEVELOPMENT CONCEPT

The development concept for Phalen - Keller Regional Park has been broken into two respective plans - Keller Park and Phalen Park. Each development concept listed below corresponds to the applicable number on the respective site plan.

Keller Park



1. SHORELINE RESTORATION AND FISHING ACCESS

The majority of Keller and Spoon Lakes remain edged by rip-rap. Although this treatment protects the shoreline from abrasive wave action, it is not conducive to interaction of wildlife and vegetation at the shoreline or improving the lake water quality. A considerable amount of the Lake Phalen shoreline has already been restored. Additionally, restoration of Keller and Spoon Lake edges is anticipated to enhance wildlife and water quality. This restoration measure would provide improved shoreline fishing access to the lake.

Estimated Cost: \$400,000.00

2. PROVIDE TRAIL CONNECTIONS

A trail is proposed from the Lower Keller Picnic Area to the Spoon Lake (East) Area. Minnesota Highway 36 creates a barrier to pedestrian access between Keller and Spoon Lakes as well as trail connections to the neighborhoods to the north of Spoon Lake. Coordination with the Minnesota Department of Transportation will be necessary during planning for any improvements to Highway 36 for consideration of a tunnel under Highway 36 to provide pedestrian and bicycle access between the lakes and existing trails to the north of Spoon Lake.

Estimated Cost: \$2,200,000.00



7. FIGURE 4.1 - Keller Park Master Site Plan (2010)

3. PROVIDE OVERFLOW PARKING AT KELLER GOLF COURSE

Overflow parking can be provided east of Highway 61 at the intersection of Highway 61 and County Road B for picnickers at the Keller Island Picnic facility. Improve pedestrian crossings on Highway 61 to facilitate this use.

Estimated Cost: \$450,000.00

4. LOWLAND PLANTING AREA

The wetland and adjacent lowland woodland located on the southwest corner of Keller Lake is planned to be restored by removing non-native grasses and trees and replanting with native species. As part of the restoration, it is anticipated the existing stormwater maintenance pond located in this area will also require restoration of the pond edge in accordance with a cooperative agreement between the Ramsey County, Ramsey Washington Metro Watershed District and City of Maplewood. All restoration work is anticipated to be completed in partnership with Ramsey Washington Metro Watershed District.

Estimated Cost: \$100,000.00



5. DEVELOP HIGHWAY 61 AS A PARKWAY

Long term transportation plans call for Highway 61 being turned back to Ramsey County. It is desirable to develop the segment from Highway 36 south through the park as a parkway. These improvements would include right and left turn lanes at park entrances, landscaped medians, improved signage, and other site amenities. It is also desirable to reduce speed limits on this section of Highway 61 to be consistent with a parkway designation.

Estimated Cost: \$5,000,000.00

6. REMOVE PEDESTRIAN TUNNEL

The pedestrian tunnel underneath highway 61 between the Lower Keller and Golfview Picnic Areas does not meet current design standards. Additional trail segments in the area would provide more suitable pedestrian and bicycle connections under Highway 61 between these park use areas. It may be necessary to coordinate execution of this project with any road reconstruction.

Estimated Cost: \$500,000.00

7. IMPROVE ACCESS TO ARCHERY RANGE

Accessibility to the existing archery range should be improved to include a paved accessible trail and other necessary site improvements to promote use by individuals of all abilities.

Estimated Cost: \$200,000.00

8. RESTORE AND EXPAND OAK SAVANNA

The oak savanna and surrounding woodland located at the southwest corner of Keller Park adjacent to Hwy 61 on both sides is planned to be restored by removing non-native grasses and trees with appropriate native grasses, forbs, shrubs, and trees. Additional measures for ongoing maintenance for the restored area will be managed with prescribed burns and other prairie/savanna techniques.

Estimated Cost: \$200,000.00

9. PROVIDE PORTAGE AROUND WEIR/DAM

Currently, access between Keller and Phalen Lakes is impeded by a small weir or dam. The shoreline adjacent to the dam is covered with very coarse rip rap. This condition makes it very difficult for paddlers to portage around the weir. Provisions for a more suitable portage should be made at the weir location.

Estimated Cost: \$100,000.00

10. IMPROVE TRAIL CONNECTIONS

Provide more direct, user-friendly trail connections between Round Lake, the Gateway Trail, and Golfview picnic facility for pedestrians and bicyclists.

Estimated Cost: \$350,000.00



Phalen Park



1. RELOCATE BOAT RAMP TO NORTH PARKING LOT

Currently, the boat ramp is located in a very narrow space between Phalen and Round Lakes creating congestion between the parking, ramp, and pedestrian/bicycle trails. Moving the boat ramp to a reconfigured parking lot at the north end of the lake will make better use of the space. Abandoning the current boat ramp will provide improved pedestrian access to Round Lake.

Estimated Cost: \$750,000.00



2. IMPROVE TRAIL CONDITIONS, ACCESSIBILITY, AND MINIMIZE EROSION

The trails near Round Lake are planned to be improved by reducing sharp corners, steep slopes adjacent to the trails, and poor connections to the lake. These conditions may be improved with small retaining walls, better trail connections to the lake, and rounded intersections.

Estimated Cost: \$200,000.00

3. IMPROVE CIRCULATION AT END OF PHALEN DRIVE AND PARKING LOT

North bound traffic comes to an abrupt end at Phalen Drive, where the one-way segment meets at the existing parking lot. The intersection of the one-way and two-way segments of Phalen Drive and the parking lot should be reconfigured to minimize confusion and administer a better flow of traffic.

Estimated Cost: \$500,000.00



4. DEVELOP OR EXPAND EXISTING NATIVE PLANTING AREAS

The existing Oak Savanna located between Phalen and Round Lakes could be expanded to provide a more significant restoration of the Oak Savanna plant community.

Estimated Cost: \$150,000.00

5. DEVELOP INFORMAL NATURE TRAILS NEAR ROUND LAKE

Informal nature trails could be developed throughout the expanded Oak Savanna. These trails could also provide a significant opportunity to watch wildlife and offer views of Round Lake and Phalen Creek.

Estimated Cost: \$100,000.00



6. RESTORE PHALEN CHANNEL

The channel between Phalen and Round Lakes including the area around the picnic island is very shallow. Historically, paddling on Lake Phalen and the Phalen Channel was a popular activity and continues to be a popular activity. The current conditions of the channel are not conducive for paddling. Improving channel conditions will enhance the paddling experience for park users.

Estimated Cost: \$750,000.00



7. DEVELOP A CHINESE GARDEN

The City of Saint Paul maintains a sister city relationship with Changsha, China. The Minnesota Chinese Friendship Garden Society is looking to partner with the City of Saint Paul to encourage that sister city relationship by developing a Chinese Garden in the City of Saint Paul. Phalen Regional Park provides a great location for such a garden.

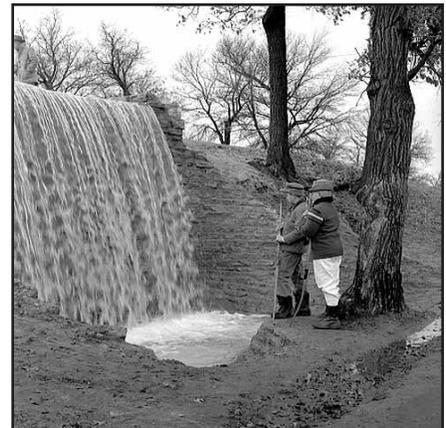
Estimated Cost: \$1,000,000.00



8. RESTORE HISTORIC WATERFALL

In the 1950's, the water level of Lake Phalen was dropping. After several considerations, a well was dug in the 1960's to supplement the water in Lake Phalen. The water from this well flowed over a stone wall as an attractive park feature. Restoration of this waterfall would provide an attractive park feature and should be implemented by drawing water from Lake Phalen. This would serve to oxygenate the water and improve the water quality of the lake.

Estimated Cost: \$600,000.00



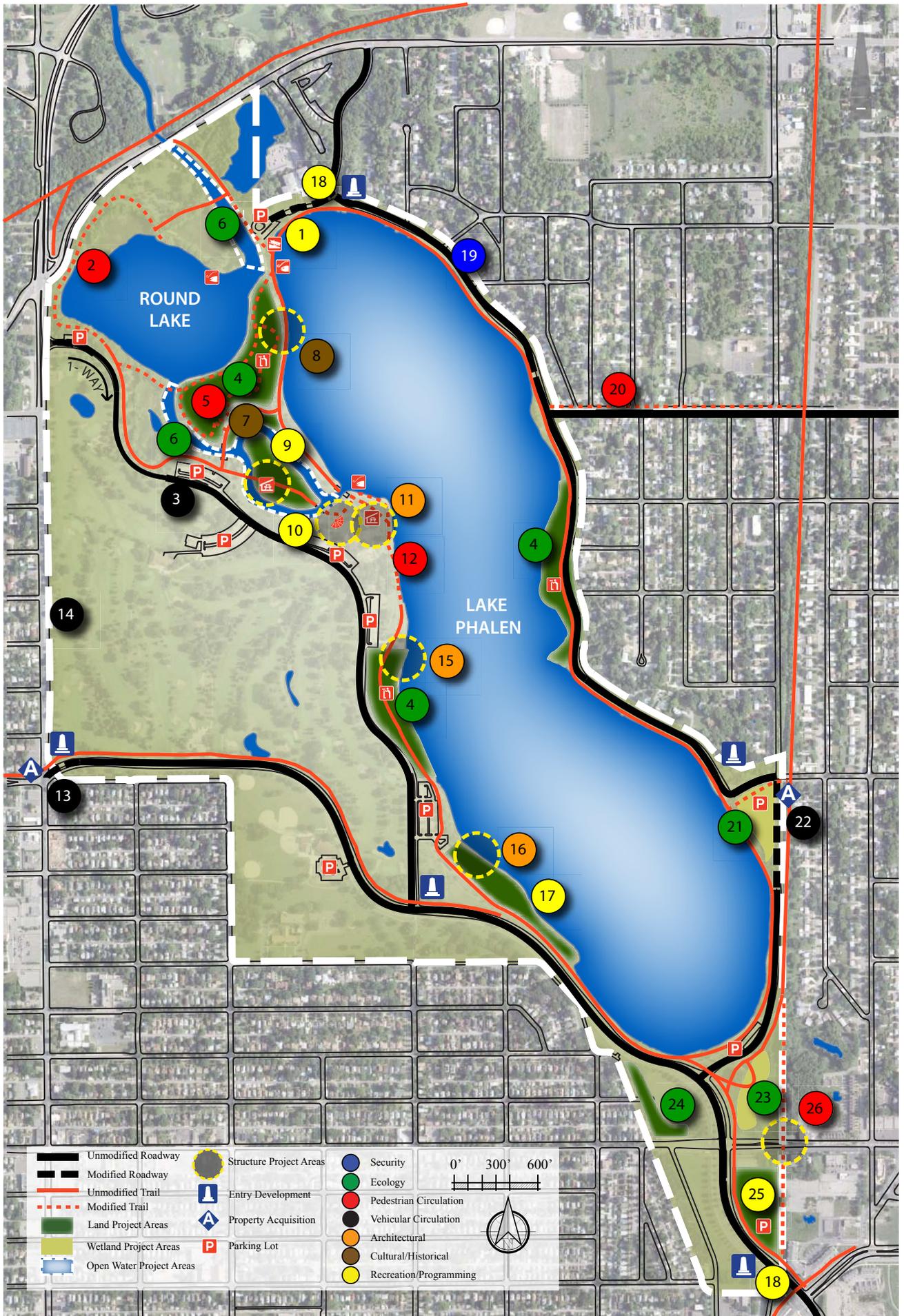


FIGURE 4.2 - Phalen Park Master Site Plan (2010)

9. RESTORE PICNIC ISLAND

There have been many trees lost on the island due to powerful storms. The turf has become worn from heavy grazing by geese and recreational use by picnickers. Restoration of Picnic Island should include replanting of trees, reestablishing a healthy turf to accommodate recreation use associated with picnicking, shoreline planting to discourage access to the island for geese, grouping of picnic tables, and a new picnic shelter.

Estimated Cost: \$750,000.00

10. RENOVATE AMPHITHEATER

The small stage of the current amphitheater minimizes opportunities for its use. A simple renovation of the amphitheater should include replacing the stage/performance space.

Estimated Cost: \$750,000.00

11. RENOVATE PICNIC PAVILION

The kitchen facilities in the picnic pavilion need to be updated. Other improvements would include improving the general appearance of the facility.

Estimated Cost: \$1,500,000.00

12. IMPROVE TRAIL CONNECTIONS

Realignment of trails and better wayfinding signage will help direct trail users through the trails and around the picnic pavilion.

Estimated Cost: \$150,000.00

13. IMPROVE INTERSECTION OF WHEELOCK PARKWAY AND ARCADE STREET

Wheelock Parkway and Arcade Street intersect at an odd angle which results in poor sightlines and difficult turning movements for vehicles, pedestrians, and bicyclists. Redesign of this intersection should be undertaken to improve vehicular, pedestrian, and bicycle circulation and safety. It may be necessary to acquire a parcel to suitably improve the intersection (see figure 1.1, page 4).

Estimated Cost: \$1,000,000.00



14. ARCADE STREET IMPROVEMENTS

It is encouraged to improve Arcade Street between Frost Avenue and Wheelock Parkway as a parkway. These improvements would include right and left turn lanes at park entrances, landscaped medians, improved signage, and other site amenities.

Estimated Cost: \$3,000,000.00

15. RENOVATE/EXPAND BOAT HOUSE/LAKESIDE CENTER

The Lakeside Center, also known as the boat house, sits in a prime location on the lake. Currently, the facility is underutilized for occasional boatbuilding workshops and other meetings/classes. The facility is reasonably hidden from people passing on Phalen Drive or the recreational trails which leads to the underutilization and vandalism of the facility. Renovation and expansion of the facility should include measures to improve visibility of the facility to promote its use. Improvements should also include additional storage, more suitable classroom and work/shop space, and concession space.

Estimated Cost: \$2,500,000.00

16. RENOVATE BEACH HOUSE

The Beach House should be renovated to provide an attractive, inviting appearance. Some of the improvements may include restrooms, concession space, offices, storage, locker rooms, and seating areas and tables.

Estimated Cost: \$1,000,000.00



17. DEVELOP SPLASH PAD AT BEACH

A splash pad at the beach would provide an alternative water play space to the lake. This feature should be designed to be used by people of all ages.

Estimated Cost: \$750,000.00



18. DEVELOP PARK ENTRY

As one enters the park from the north, there is no identification of the park. Monument signage such as that located at other areas of the park would be encouraged to welcome visitors to the park.

Estimated Cost: \$75,000.00

19a. INVESTIGATE OPPORTUNITIES TO ENHANCE TRAIL AND ROAD SAFETY

The pedestrian and bicycle trails throughout this area are narrow and immediately adjacent to East Shore Drive. During peak use times, congestion on these trails is high creating conflicts between pedestrians and bicyclists. Measures to increase trail and road safety should be investigated. These improvements may include increasing trail width, providing separation between trails and road, providing ornamental lighting, and additional tree plantings where possible.

Estimated Cost: TBD

19b. PROVIDE SAFE ACCESS TO LAKE AND TRAILS

Traffic on East Shore Drive can, at times, be heavy as well as fast. With the winding and hilly nature of the drive, visibility can be limited in areas creating risky access to the trails. A traffic study should be undertaken to better understand the condition. Recommendations, including traffic calming measures, should be made to increase the safe access to the park trails.

Estimated Cost: TBD

20. PROVIDE TRAIL CONNECTION ON LARPENTEUR AVE.

Only four blocks at Larpenteur Avenue separate the trails at Lake Phalen from the Bruce Vento Regional Trail. A trail connection on Larpenteur Avenue will encourage this connection by trail users.

Estimated Cost: \$250,000.00

21. ECOLOGICAL DEMONSTRATION AREA

This isolated parcel of land could provide a great opportunity to demonstrate the ecological resources and measures in place at Phalen - Keller Regional Park. Interpretive signage, ecological exhibits, and even an ecologically themed play area could educate users of the ecology of the area. Restrooms and drinking water should be provided at this location.

Estimated Cost: \$1,500,000.00



22. REALIGN EAST SHORE DRIVE

It is desired to realign East Shore Drive in order to recapture the isolated parcel of land at the intersection of East Shore Drive and Arlington Avenue. A traffic study is necessary to understand traffic patterns along East Shore Drive, Arlington Avenue, and English Street. It may be necessary to acquire a parcel to assist with this improvement (see figure 1.2, page 4).

Estimated Cost: \$1,000,000.00



23. RESTORE WETLAND

The wetland at the south end of Lake Phalen does not hold water. Lining the wetland with clay and replanting with wetland species would provide rejuvenation of an attractive feature of the park.

Estimated Cost: \$250,000.00

24. EXPAND TREE BUFFER

There is a significant buffer of large trees between the residential area and the park south of Maryland. To the north, there is nothing planted between the residential area and the park. Planting a grove of trees on the north side of Maryland would help provide a buffer between the areas and a definition to the edge of the park.

Estimated Cost: \$75,000.00

25. DEVELOP ACTIVE RECREATION AREA

Replacement of a small number of tennis courts is proposed in the location where 8 tennis courts and a handball court were once located. The soils immediately to the south of the constructed wetland are suitable for replacing the tennis courts and retaining a small parking area. Furthermore, this area is identified in the Ames Lake Small Area Plan for tennis.

Estimated Cost: \$350,000.00

26. BRIDGE OVER MARYLAND AVENUE FOR BRUCE VENTO REGIONAL TRAIL

A bridge for a trolley line once crossed Maryland Avenue. Installation of a pedestrian bridge across Maryland would provide a safe crossing of Maryland Avenue for trail users of the Bruce Vento Regional Trail.

Estimated Cost: \$1,000,000.00

CONFLICTS

There are a number of items that may be a conflict in the development of the master plan. These include the following:

1. Highway 61 separates sections of Keller Park and creates a conflict at the existing trail connection on County Road B. However, measures would be provided for pedestrians and bicyclists to cross safely. When Highway 61 is turned back to Ramsey County there is an opportunity to develop the highway as a parkway. This will provide an additional measure of safety for pedestrians and bicyclists and improve vehicular access to picnic areas.

2. Highway 36 also separates sections of the park and creates a conflict to park users accessing the park. Coordination with the Minnesota Department of Transportation will be necessary with any improvements they plan for Highway 36. These improvements should include measures to accommodate a tunnel under Highway 36.

3. There is one known Indian burial mound in Keller Park. Any work in the area of the known burial mound will require caution during any excavations.

4. Existing embankments from a former railroad bridge over Maryland Avenue just east of Johnson Parkway make for an easy bridge connection for the Bruce Vento Regional Trail. This corridor is also considered a potential route for future light rail transit. In the event plans for light rail transit develop, an alternate location for a bridge over Maryland Avenue should be considered to provide a safe crossing of Maryland Avenue for trail users.



PUBLIC SERVICES

There are no additional public utilities necessary for the development of the Phalen - Keller Regional Park Master Plan. However, rehabilitation of existing public utilities may be required.

OPERATIONS

The City of Saint Paul operates and maintains Phalen Park, whereas Ramsey County operates and maintains Keller Park. Under respective jurisdiction, existing rules, regulations, and ordinances for its operation and maintenance will apply. Estimated costs for operation and maintenance are as follows:

Keller Park	
Existing (per current operation/ Maintenance conditions)	\$360,000.00
Future (when fully developed per development identified above)	\$497,500.00
Phalen Park	
Existing (per current operation/ Maintenance conditions)	\$600,000.00
Future (when fully developed per development concepts identified above)	\$810,000.00

TABLE 7.1 - Estimated Annual Operation and Maintenance Costs

CITIZEN PARTICIPATION

A Design Advisory Task Force was assembled to help guide the development of the Master Site Plan for Phalen - Keller Regional Park. The Task Force provided input and direction to the City of Saint Paul Department of Parks and Recreation and Ramsey County Department of Parks and Recreation. All Task Force meetings were open to the public. The City of Saint Paul's web site was a primary means of communication and advertisement of the meetings. An article in the East Side Review newspaper also provided an additional means of promotion of the project.

A Community Open House was held on May 20, 2010 at the Phalen Picnic Pavilion and drew over 100 individuals. Attendees were provided a comment form which was collected at the end of the night. This data was compiled in an executive summary. Refer to Appendix B for the Executive Summary. The format of the meeting included:

- Display of presentation materials (Site inventory and analysis, Issues and Opportunities, Concepts, etc.), open question and comment period
- Presentation of purpose of project, design process, site inventory and analysis, concepts, and a question and comment period
- Display of presentation materials (Site inventory and analysis, Issues and Opportunities, Concepts, etc.), open question and comment period

On June 23, 2010, a *diversity outreach event* was held at Phalen Park to reach out to park users of all ethnicities. Short interviews were conducted of people using the park that night (people walking, biking, jogging, playing volleyball, fishing, etc). Hmong and Spanish speaking individuals assisted with the interviews to translate for those park users which didn't speak English. Again, over 100 individuals were reached during this event. Refer to Appendix C for the survey results.

PUBLIC AWARENESS

Phalen Park plays host to several large events throughout the year. Among these are the annual Dragon Boat Festival which promotes awareness of the Asian-Pacific cultures. Phalen also hosts events such as the Holiday Light display, Winter Carnival events, organized walks and runs, and boat races. The Friends of Lake Phalen work closely with various governmental agencies and residents to increase public awareness, develop a closer lake community, foster stewardship of the lake, and obtain funding for a variety of projects in the pursuit of this objective.

Keller Regional Park does not host as many events as Phalen Regional Park. However, the park is used heavily for picnicking, fishing, and boating, including access to Gervais Lake to the north.

SPECIAL NEEDS

All facilities including trails and parking areas throughout Phalen - Keller Regional Park will be developed in accordance with the Americans with Disabilities Act providing access for persons with special needs. Other local guidelines, such as the Minnesota Department of Transportation's Bicycle Transportation Planning and Design Guidelines publication, will be utilized when developing bicycle and pedestrian trails.

NATURAL RESOURCES

Phalen - Keller Regional Park exhibits a wonderful balance of aquatic and terrestrial, woodland and grassland, and active recreation and natural areas. Nearly one-third of the park is composed of wetlands, streams, and lakes.

RESOURCE ASSESSMENT

Phalen - Keller Regional Park presently includes extensive areas of grassy areas with scattered trees, scattered pockets of oak woodlands and savannas, various wetlands, and miles of shoreline of Phalen, Keller, Round and Spoon Lakes.

TOPOGRAPHY

The park is mainly a gentle rolling topography with areas of steep slopes along the east and northwest shores of Lake Phalen and the west shore of the creek connecting Keller and Phalen Lakes.

RARE, ENDANGERED, OR THREATENED SPECIES INVENTORY

State listed species found in the park are bald eagles, which have been nesting at the north end of Keller Lake, since the mid-2000's and several old records of Blanding's turtles. There is no longer enough habitat in the region to support Blanding's turtles. There are no other records of state listed species. The attached map shows the location of the Eagle nest.

NATIVE PLANT COMMUNITIES INVENTORY

Although there are no Minnesota Department of Natural Resources native plant communities identified in the park, Park's Natural Resource staff recognize remnants of Oak Savana and Oak Woodland communities in the park. Also, native plant communities have and/or are being restored along the shoreline of Phalen and Keller Lakes.

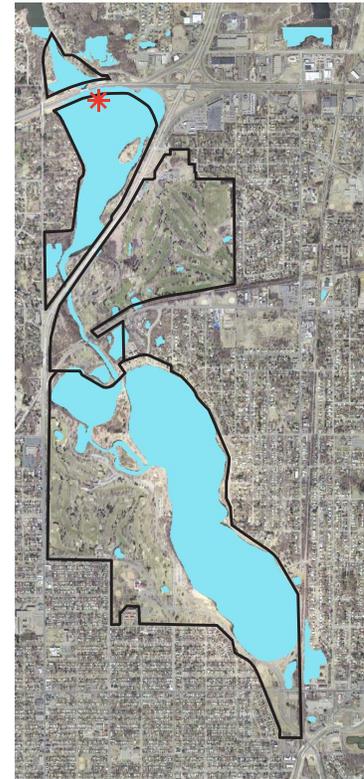


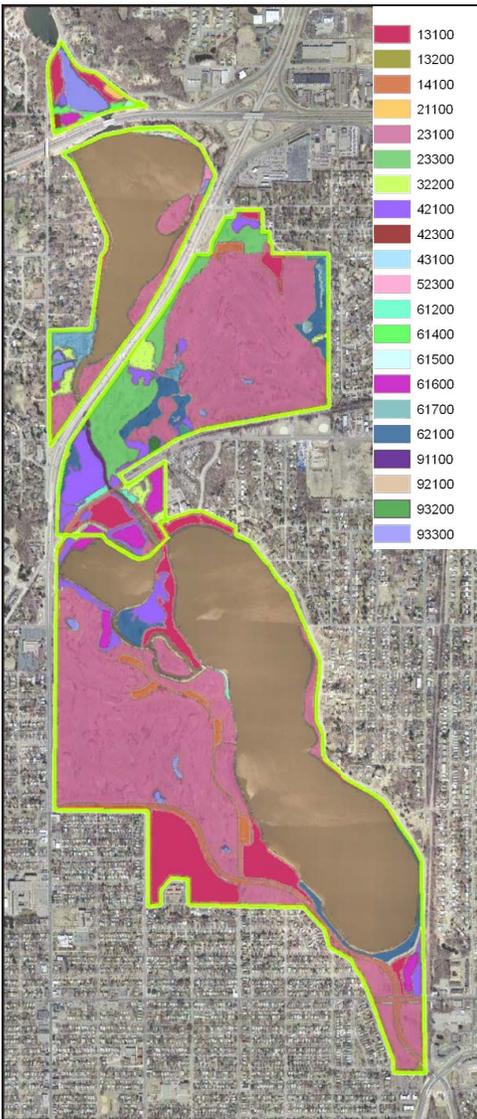
FIGURE 11.1 - Eagle Nest Location

VEGETATION

Upon first glance, the majority (80%) of the park land cover is active use and mowed grass with a variety of tree densities. However, a large percentage of that calculation is attributable to the two golf courses within the park - Phalen Golf Course and Keller Golf Course. That land cover includes MLCCS classes 13100, 14100, 21100, 23100, 23300. The remaining 20% of the park land coverage includes deciduous woodlands, mixed grasslands and scattered wetlands.

MLCCS COVERAGES

Refer to Figure 11.2 and Table 11.2



CODE	DESCRIPTION	ACRES
13100	Artificial surfaces with perennial grasses with sparse trees	73.5
14100	Buildings and/or pavement	56.0
21100	Planted, maintained, or cultivated coniferous forest	1.0
23100	Planted or maintained grasses with sparse tree cover	298.2
23300	Planted or maintained grasses and forbes	33.6
32200	Temporarily flooded deciduous forest	14.5
42100	Upland deciduous woodland	40.0
42300	Saturated deciduous woodland	0.5
43100	Upland mixed coniferous-deciduous woodland	11.6
52300	Saturated deciduous shrubland	3.8
61200	Medium-tall grassland	2.0
61400	Saturated graminoid vegetation	6.3
61500	Seasonally flooded emergent vegetation	2.0
61600	Sempermanently flooded emergent vegetation	13.9
61700	Intermittently exposed emergent vegetation	1.3
62100	Grassland with sparse decious trees	24.7
91100	Slow moving linear water habitat	1.5
92100	Limnetic open water	300.0
93200	Permanently flooded aquatic bed	0.8
93300	Palustrine open water	11.4

FIGURE 11.2 - MLCCS Coverages

TABLE 11.2 - MLCCS Coverages

LAKES AND WETLANDS

The dominant feature of this park are Phalen and Keller Lakes. There are also two smaller lakes, Round and Spoon, which are part of the chain of lakes. The total lake surface is 314 acres with 6.5 miles of shoreline, and another mile of streams/channels that connect the lakes.

Shoreline by Lake

Lake	Shoreline (ft)
Spoon	2,890
Keller	10,918
Round	4,090
Phalen	15,800

The majority of the wetlands in the parks are associated with the lakes. The isolated wetlands are small.

See Figure 11.3 and Table 11.3 for Lake and Wetland designations.

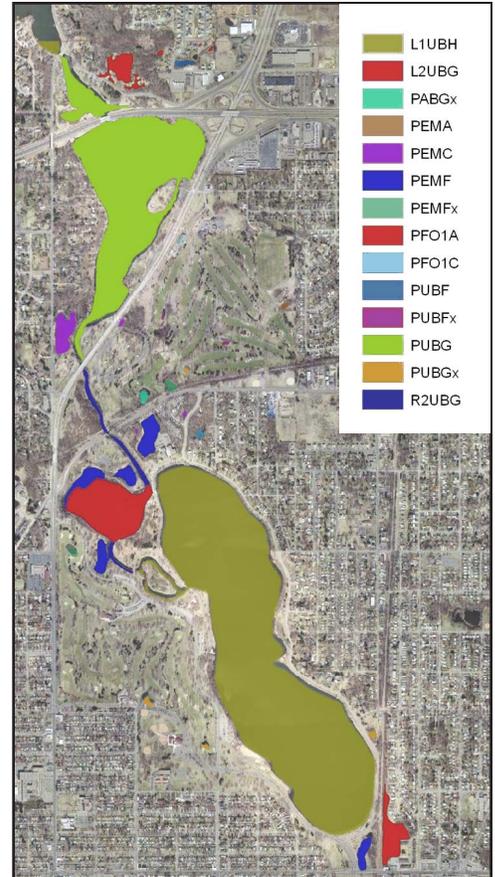


FIGURE 11.3 - Lake and Wetland designations

CODE	DESCRIPTION	ACRES
L1UBH	Lacustrine-Limnetic-Unconsolidated Bottom – Permanently Flooded	197.9
L2UBG	Lacustrine-Littoral-Unconsolidated Bottom – Intermittently Exposed	21.1
PABGx	Palustrine – Aquatic Bed- Intermittently Exposed - Excavated	0.6
PEMA	Palustrine – Emergent Wetland – Temporarily Flooded	0.3
PEMC	Palustrine – Emergent Wetland – Seasonally Flooded	4.5
PEMF	Palustrine – Emergent Wetland – Semipermanently Flooded	12.2
PEMFx	Palustrine – Emergent Wetland – Semipermanently Flooded - Excavated	1.1
PUBFx	Palustrine – Unconsolidated Bottom – Semipermanently Flooded - Excavated	0.4
PUBG	Palustrine - Unconsolidated Bottom - Intermittently Exposed	90.5
PUBGx	Palustrine - Unconsolidated Bottom - Intermittently Exposed – Excavated	91.3
R2UBG	Riverine – Slow moving- Unconsolidated Bottom - Intermittently Exposed	4.2

TABLE 11.3 - Lake and Wetland Designations

WATERSHED

Phalen - Keller Regional Park lies within the Phalen Chain of Lakes Watershed which drains 23 sq. miles from the cities of Little Canada, Vadnais Heights, White Bear Lake, North St. Paul, Maplewood, and St. Paul. The Watershed is part of the Ramsey Washington Metro Watershed District. The Regional park accounts for less than 1 percent of the watershed's drainage.

There are 36 sub-drainage areas that flow into the park. The drainages are highly influenced by urban development and delivered to the park in storm drains.

The park is entirely within the Metro Groundwater Province.

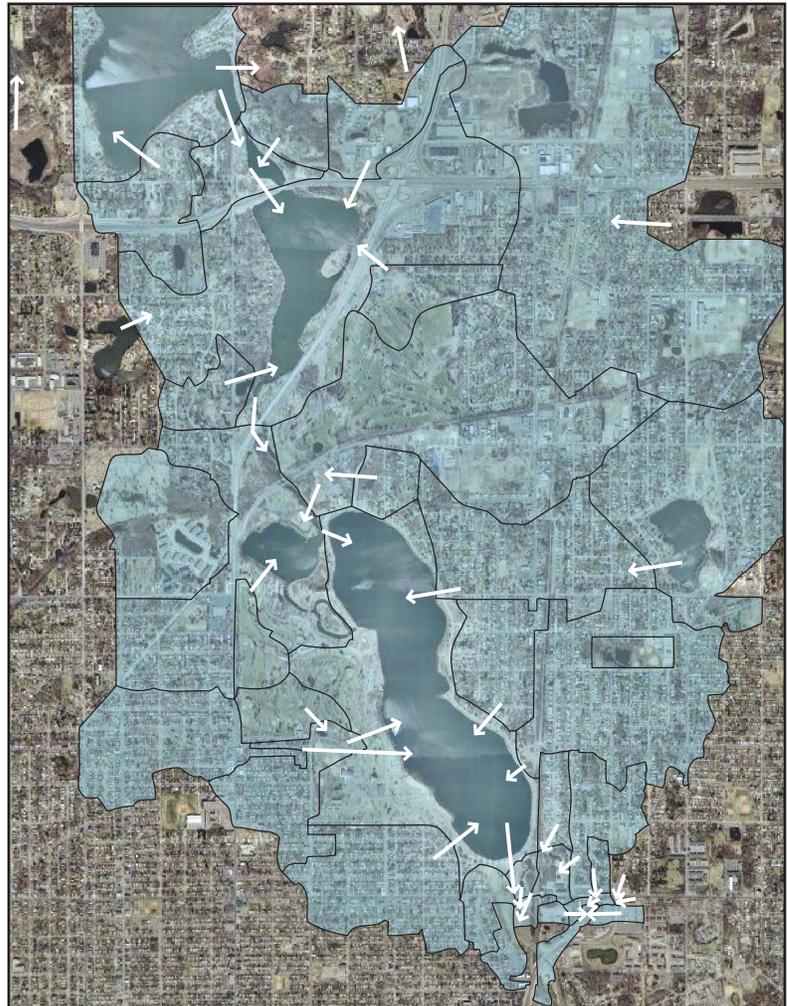


FIGURE 11.4 - Watershed

SOILS

The soils in the park are a mixture of urban soils and sandy loams.

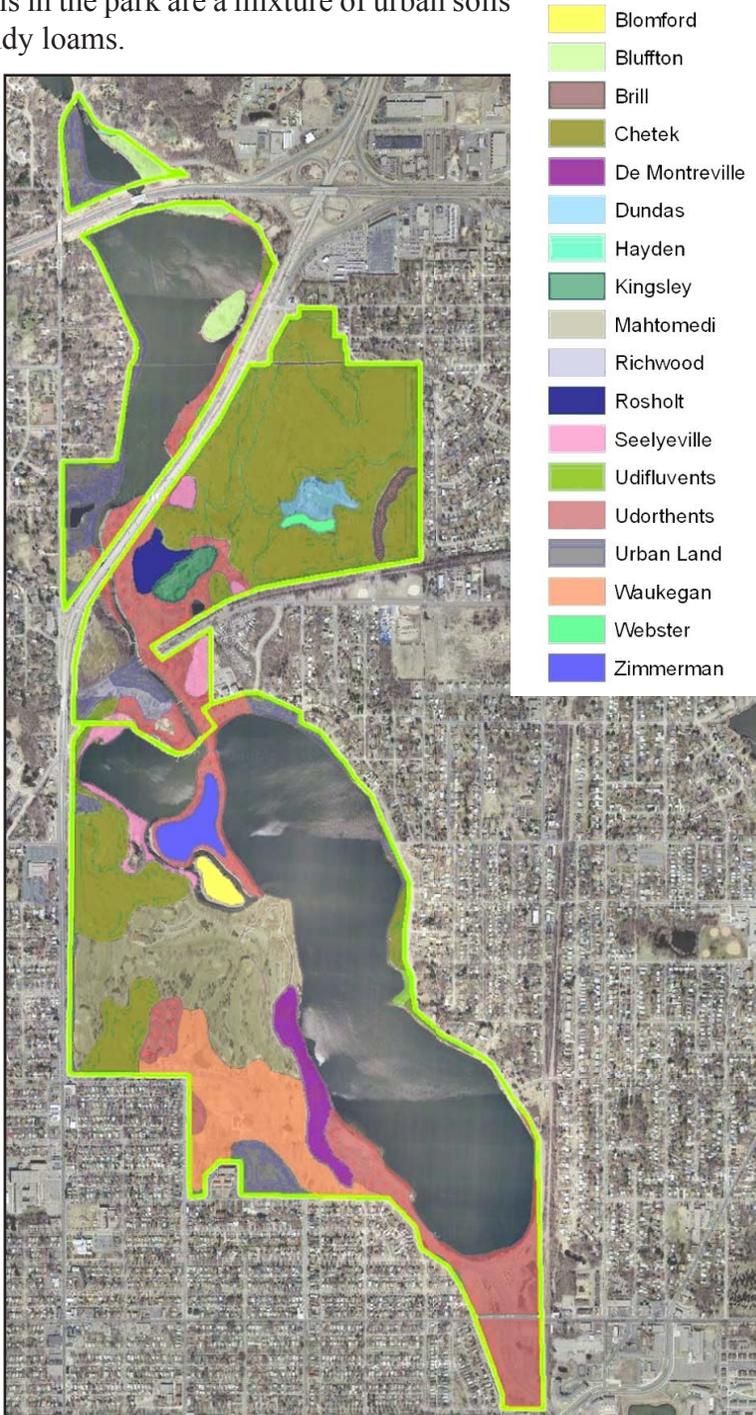


FIGURE 11.5 - Soils



RESOURCE MANAGEMENT

CULTURAL RESOURCES MANAGEMENT

There are known archaeological sites including burial mounds in the park. These sites are registered with the State Archaeologist's Office. These sites are managed as per guidelines set forth by the State Archaeologist's Office. For all new developments within the park, the design-development phase of construction will include archaeological and historic sites evaluation as guided by the state.

Phalen - Keller Regional Park has an extensive history, especially that of Phalen Park. That history includes canoeing on the lakes and channel, a thriving beach facility, community concerts, winter sporting events, a streetcar station, Works Progress Administration (WPA) projects, and festivals. Preservation of historic features and communication of the parks history should become an integral part of the development of the park. Installation of interpretive signage could be a simple means of that communication of history.

VEGETATION MANAGEMENT

The vegetation management plan is designed to maintain healthy tree cover, natural habitats, and turf throughout the park. The natural habitat restoration is targeted at shoreline, wetland, and oak savanna/woodland habitats. Restoration improvement projects are in progress and consist of non-native plant removal and replanting with appropriate native species. Restoration improvement areas and other existing natural habitat areas will be managed with best management practices for woodlands, prairies, and wetlands. As part of this plan, a comprehensive tree inventory and planting plan should be developed to foster the long-term health of the vegetation.

Additional invasive species management, including Eurasian Watermilfoil, is being done as funding allows. Currently, Milfoil can only be managed by mechanical or chemical

methods. The Minnesota Department of Natural Resources will only permit chemical applications in high use recreational areas such as boat ramps and beaches. Whereas, mechanical removal only removes about the top 5 feet but gets it to a point where insufficient light levels slow the growth (until next season). Until an effective eradication method is approved, milfoil control may include a partnership with homeowners and municipalities to purchase and operate a harvester.

WATER RESOURCES MANAGEMENT

Water resource management of the surface waters is coordinated through the Ramsey Washington Metro Watershed District (RWMWD).

Water management from park development and surface water runoff is being addressed with all new developments to increase infiltration and reduce direct inflow into the lakes.

APPENDIX A

Planned Site and Parking Capacities

<i>Planned Site Capacity - Keller</i>	Area/Sites	Users/Area	Turnover Rate	Users/Day
Keller - Island	1	28	1.5	315
Keller - Golfview	1	25	1.5	630
Keller - Lakeside	1	25	1.5	180
Keller - Lower Creek	1	25	1.5	157
Keller - Round Lake	1	15	1.5	235
Keller - Spoon Lake	1	6	1.5	270
Total				1787

<i>Planned Site Capacity - Phalen</i>	Area/Sites	Users/Area	Turnover Rate	Users/Day
Picnic Pavilion	1	200	1	200
Trails	1	114	6	684
Beach	1	75	4	300
Shoreline fishing	1	25	6	150
Lakeside Center	1	50	2	100
Ecological Demonstration Area	1	10	25	250
Picnic Shelters	1	36	1	36
Oak Savanna Trails	1	15	6	90
Tennis Courts	1	8	15	120
Boat Ramp	1	15	3	45
Picnic Tables	83	6	2	996
Amphitheater	1	100	1	100
Total				3071

Note: Planned Site Capacity estimates were projected from data gathered by the Metropolitan Council through the *2008 Metropolitan Council Annual Use Estimate of the Metropolitan Regional Park System* and the *Metropolitan Council 2008 Parks and Trails Survey*. Projections were based on related activity usages in existing regional parks.

Fogg, George E. *Park Planning Guidelines* 3rd edition. National Recreation and Park Association, 1990

Planned capacities based on summer weekend day usage.

<i>Planned Parking Capacity - Keller</i>	Users	Persons/Car	Estimated Parking Needed
Keller - Island	210	3.5	60
Keller - Golfview	420	3.5	121
Keller - Lakeside	120	3.5	35
Keller - Lower Creek	105	3.5	30
Keller - Round Lake	157	3.5	45
Keller - Spoon Lake	180	3.5	52
Total spaces needed			343
Total spaces available			343 (autos) 9 (with trailer)

<i>Planned Site Capacity - Phalen</i>	Users	Persons/Car	Estimated Parking Needed
Picnic Pavilion	200	3	67
Trails	114	2	57
Beach	75	4	19
Shoreline fishing	25	2	13
Lakeside Center	50	3	17
Ecological Demonstration Area	10	2	5
Picnic Shelters	36	3	12
Oak Savanna Trails	15	2	3
Tennis Courts	8	2	4
Boat Ramp	15	2	8
Picnic Tables	498	4	125
Amphitheater	100	3	34
Total spaces needed			364
Total spaces available			364 (autos) 9 (with trailer)

APPENDIX B

Executive Summary of Open House Feedback Forms

Phalen – Keller Regional Park Master Plan

Executive Summary of Open House Feedback Forms June 2010

City of Saint Paul – Department of Parks and Recreation
Ramsey County – Department of Parks and Recreation

Overview of the Methodology

The City of Saint Paul and Ramsey County Departments of Parks and Recreation held a community open house on May 20th 2010 as part of the design process to update the Master Plan for Phalen – Keller Regional Park. The open house was held on a beautiful sunny evening adjacent to several heavily used trails in the centrally located, open-air picnic pavilion at Phalen Regional Park.

The format of the Open House had two parts – 1) a display of presentation graphics which people could review and ask questions of the task force members and project leaders and 2) a presentation of the master plan process, introduction of the task force, a brief summary of site inventory/analysis and programming, and presentation of the concepts.

During both components of the open house attendees were provided a Concept Feedback Form (see Attachment A). This form identified individual improvements indicated on the concept plans, columns to indicate agreement or disagreement of the proposed improvement, and another column for additional comments. All the additional comments were compiled (See Attachment B).

More than 80 people attended the Open House of which 64 Feedback Forms were completed and turned in at the end of the open house. In the days following the open house, the data was compiled into a format which could more clearly illustrate the preferences of those in attendance.

The following pages summarize the findings:



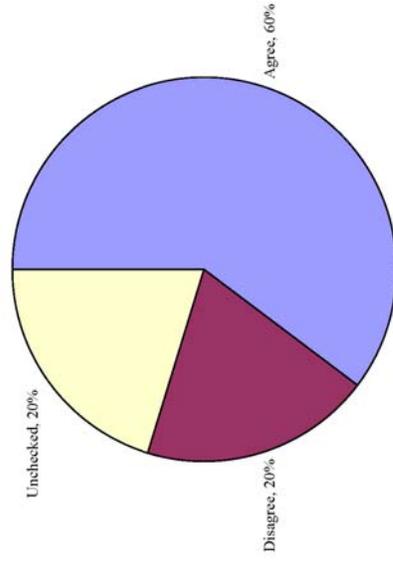
The ideas presented on the concepts were grouped in seven major categories on the feedback form which has a relationship to the Goals and Objectives established in the early phases of the project. These categories are:

- Safety and Security Improvements
- Environmental Improvements
- Pedestrian Circulation Improvements
- Vehicular Circulation Improvements
- Architectural Improvements
- Cultural and Historical Improvements
- Programming and Recreational Improvements

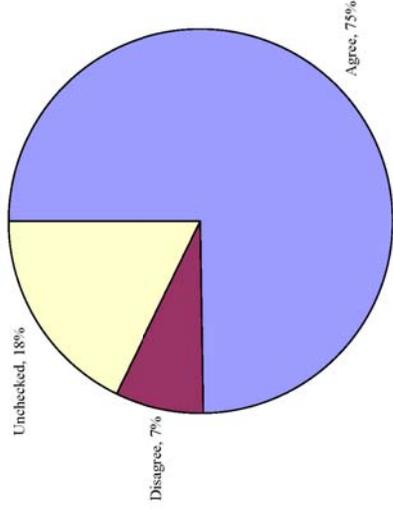
PHALEN CONCEPTS

From the data collected for the Concept Ideas for the Phalen portion of the park, there is overwhelming support for Environmental Improvements at Phalen – Keller Regional Park. Overall, 75% are in agreement with the suggested environmental improvements with only 7% disagreeing and the balance abstaining from comment. A smaller percentage or people (roughly 60%) agree with the Safety and Security, Pedestrian Circulation, Cultural/Historical, and the Programming/Recreational Improvements. The least amount of support was for the Architectural and Vehicular Improvement ideas which received about 40% support. See the following graphics for the specific breakdown.

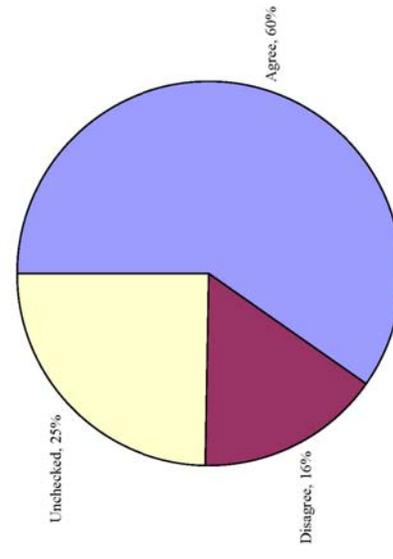
Safety and Security Improvements



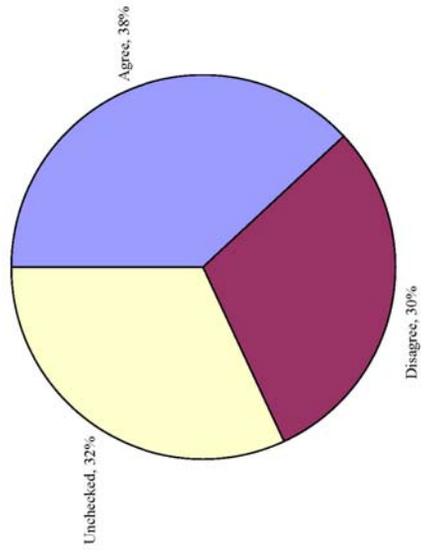
Environmental Improvements



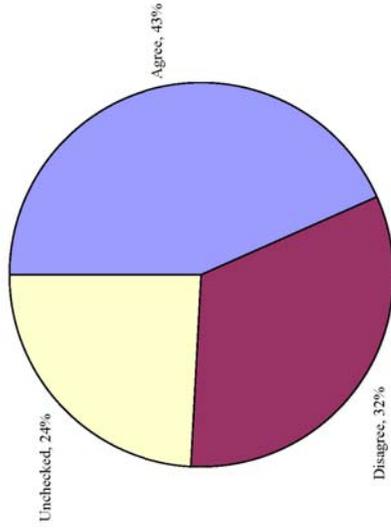
Pedestrian Circulation Improvements



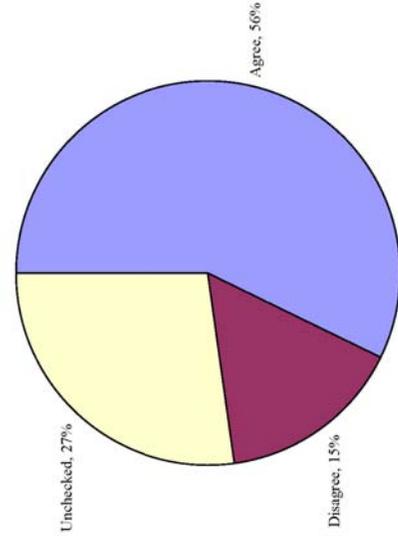
Vehicular Circulation Improvements



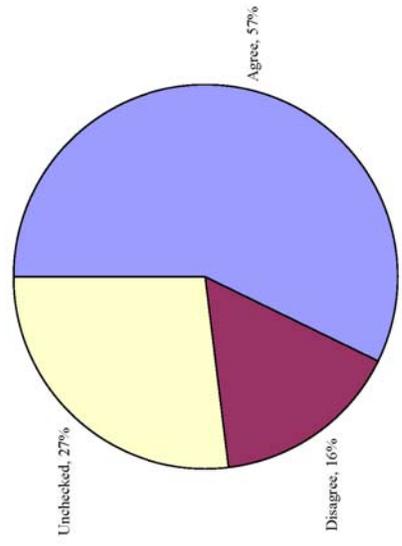
Architectural Improvements



Cultural/Historical Improvements



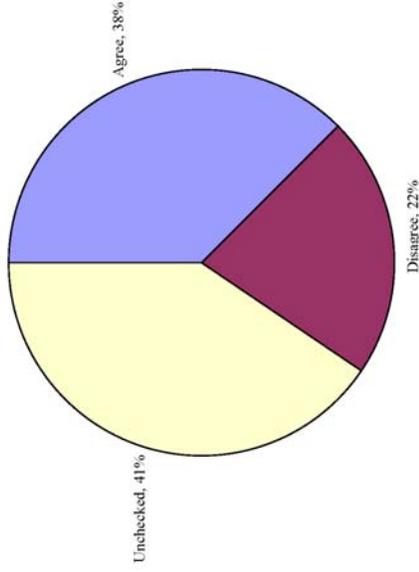
Programming/Recreational Improvements



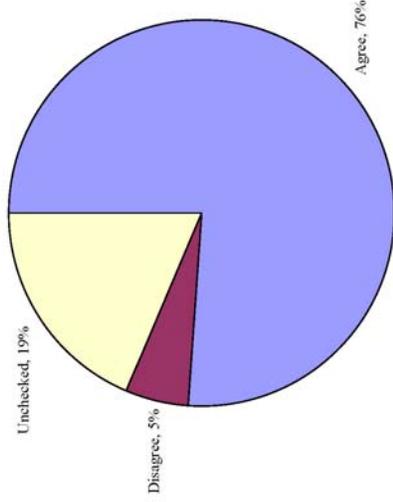
KELLER CONCEPTS

Again, in the data collected for the Concept Ideas for the Keller portion of the project, there is overwhelming support for Environmental Improvements with roughly 75% support for those improvements. At Keller, there is nearly as much support for Programming and Recreational Improvements as well at about 72%. There is just over 50% support for Pedestrian Circulation Improvements and a little less than 50% support for Vehicular and Safety and Security Improvements at Keller. See the following graphics for the specific breakdown.

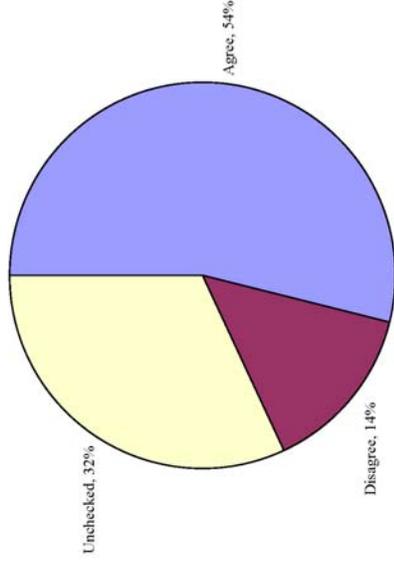
Safety and Security Improvements



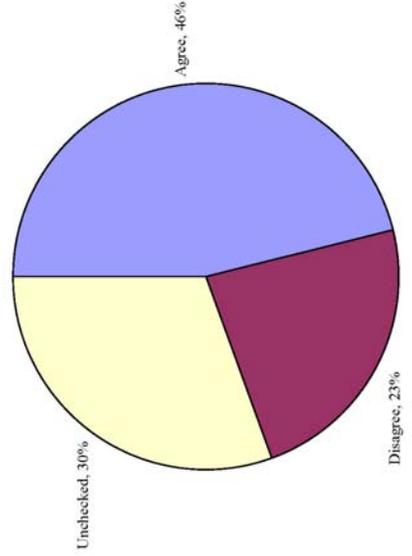
Environmental Improvements



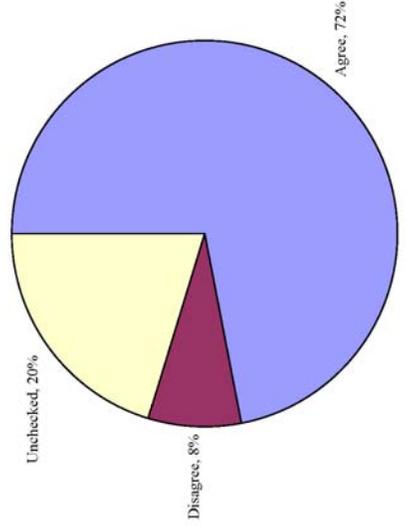
Pedestrian Circulation Improvements



Vehicular Circulation Improvements

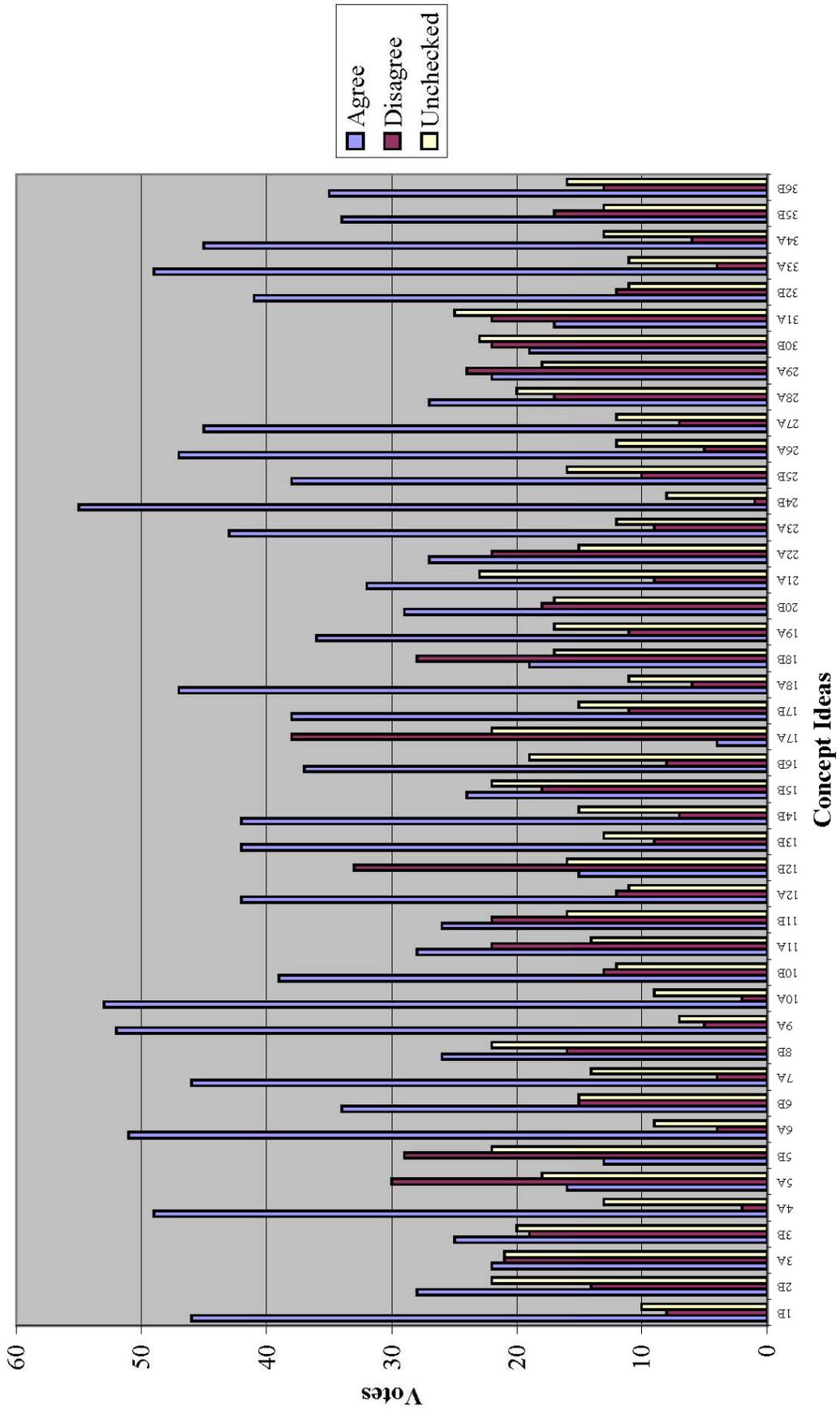


Programming/Recreational Improvements



DATA RESULTS – All PHALEN PROJECTS

The following graph illustrates the number of actual votes which agree, disagree, or were left blank on the Open House Feedback Forms. The subsequent graphs are separated by category for a more detailed summary. The key to the project list is on the following page.

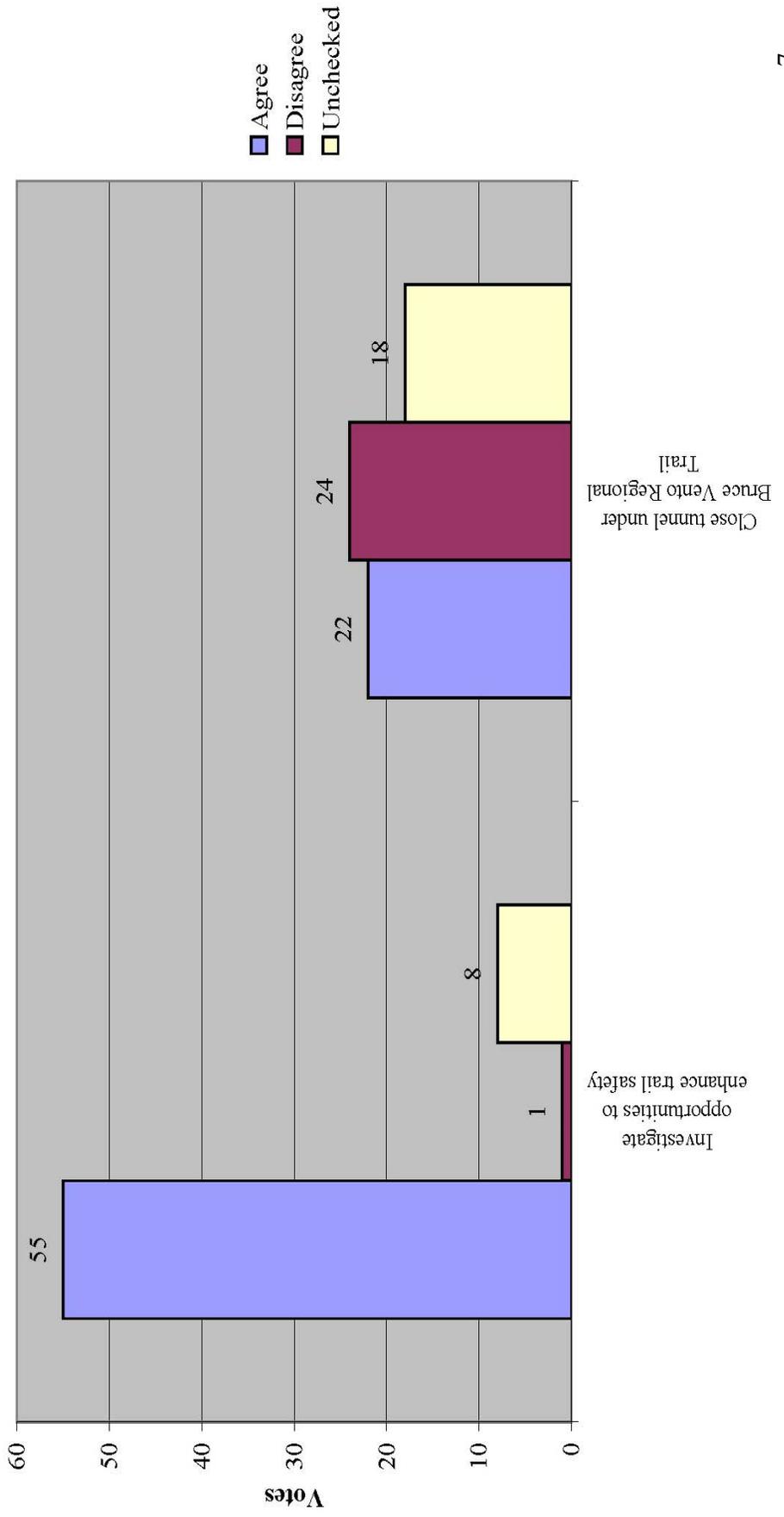


The list of projects is as follows:

1B	Acquire Saint Paul Tourist Cabin Site	15B	Parking in on-street parking bays
2B	Provide Bridge locations in more suitable locations	16B	Improve Arcade Street as a Parkway
3A	Relocate boat ramp to north parking lot	17A	Remove Boat House/ Lakeside Center
3B	Redesign boat ramp and parking lot	17B	Renovate/Expand Boat House/Lakeside Center
4A	Improve trail conditions, accessibility, and minimize erosion	18A	Develop Native Planting Area
5A	Extend 2-way traffic on Phalen Drive	19A	Renovate beach house (keep the same size)
5B	Connect Phalen Drive to Arcade Street and Larpenteur Avenue	19B	Develop a new Beach House
6A	Expand existing Oak Savanna	20B	Splash Pad
6B	Extend Trails around Round Lake	21A	Restore entry monument
7A	Restore Phalen channel	22A	Expand Community Gardens
8B	Develop a Chinese Garden	23A	Develop Park Entry
9A	Restore historic Waterfall	24B	Investigate Opportunities to enhance trails safety
10A	Restore Picnic Island	25B	Provide trail connection on Larpenteur Avenue
10B	Improve Picnic and Recreation Facilities on Picnic Island	26A	Expand Native Planting area
11A	Renovate amphitheater (keep the same size)	27A	Ecological Demonstration Area
11B	New, Expanded Amphitheater	28A	Realign East Shore Drive
12A	Renovate Picnic Pavilion (keep the same size)	29A	Close Tunnel under Bruce Vento Regional Trail
12B	New, Expanded Picnic Pavilion	30B	Realign East Shore Drive
13B	Improve Trail Connections	31A	Parking in on-street parking bays
14B	Improve intersection of Wheelock Parkway and Arcade Street	32B	Develop Restroom Facility
		33A	Restore Wetland
		34A	Expand Tree Buffer
		35B	Develop Active Recreation Area
		36B	Develop Park Entry

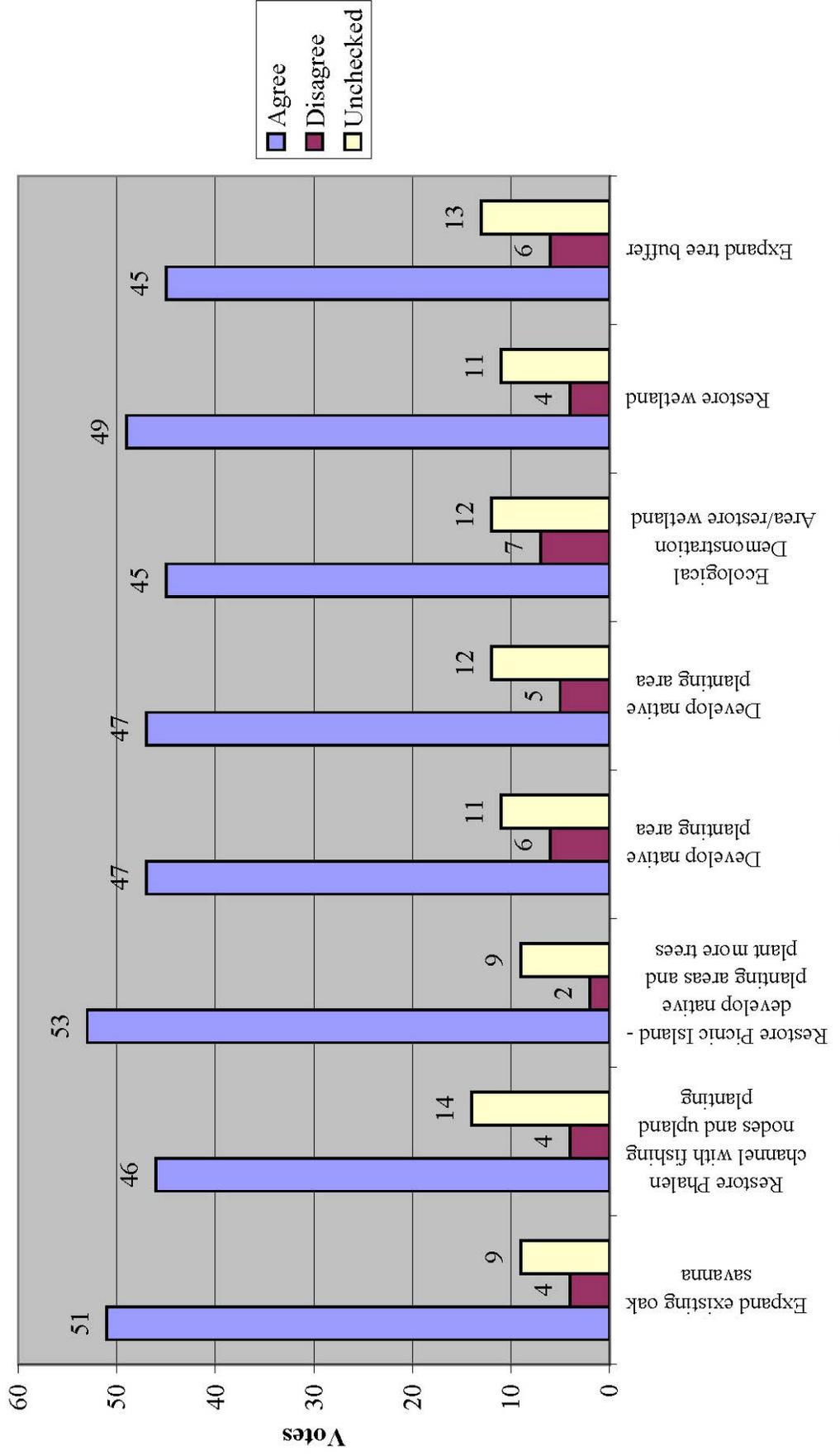
Phalen - Safety and Security Improvements

It is apparent there is significant support to investigate opportunities to enhance trail safety along the northern section of East Shore Drive. However, closing the tunnel connection under the Bruce Vento Regional Trail is inconclusive.



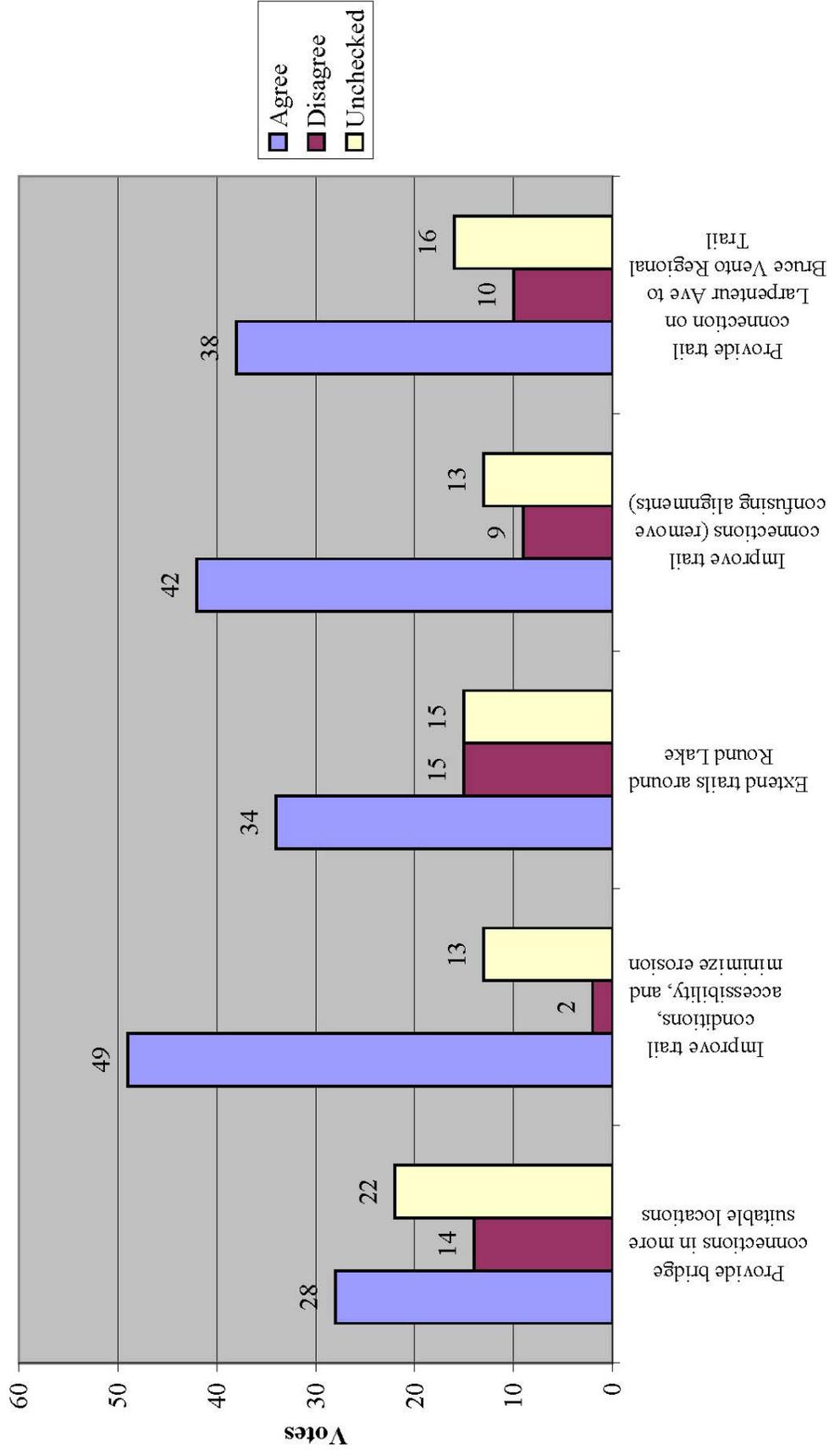
Phalen – Environmental Improvements

There is overwhelming support for all the Environmental Improvements identified on the concepts



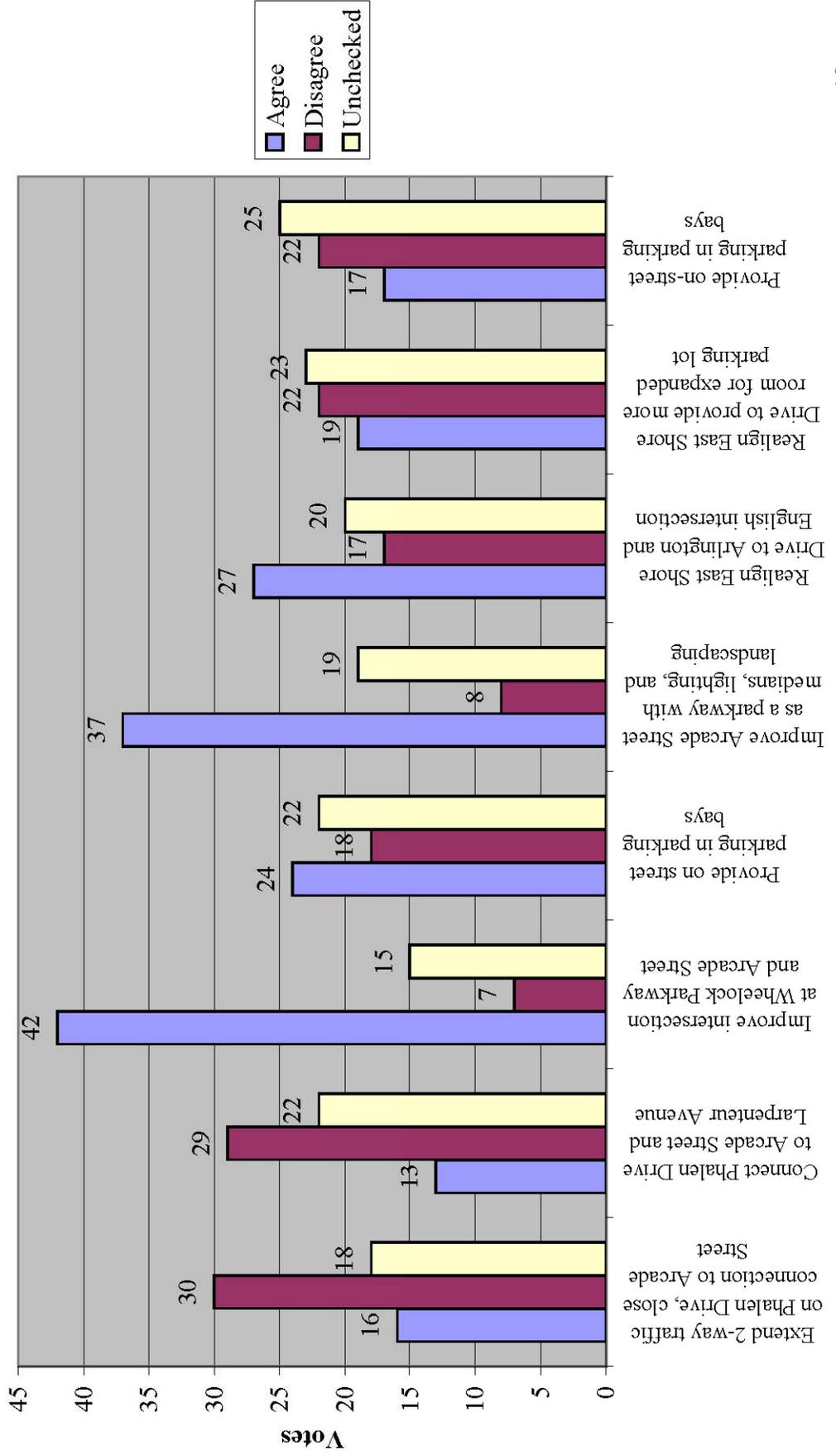
Phalen – Pedestrian Circulation Improvements

There is significant support for adding trail segments improving existing trails. However, there is a little less support for providing bridge locations in more suitable locations



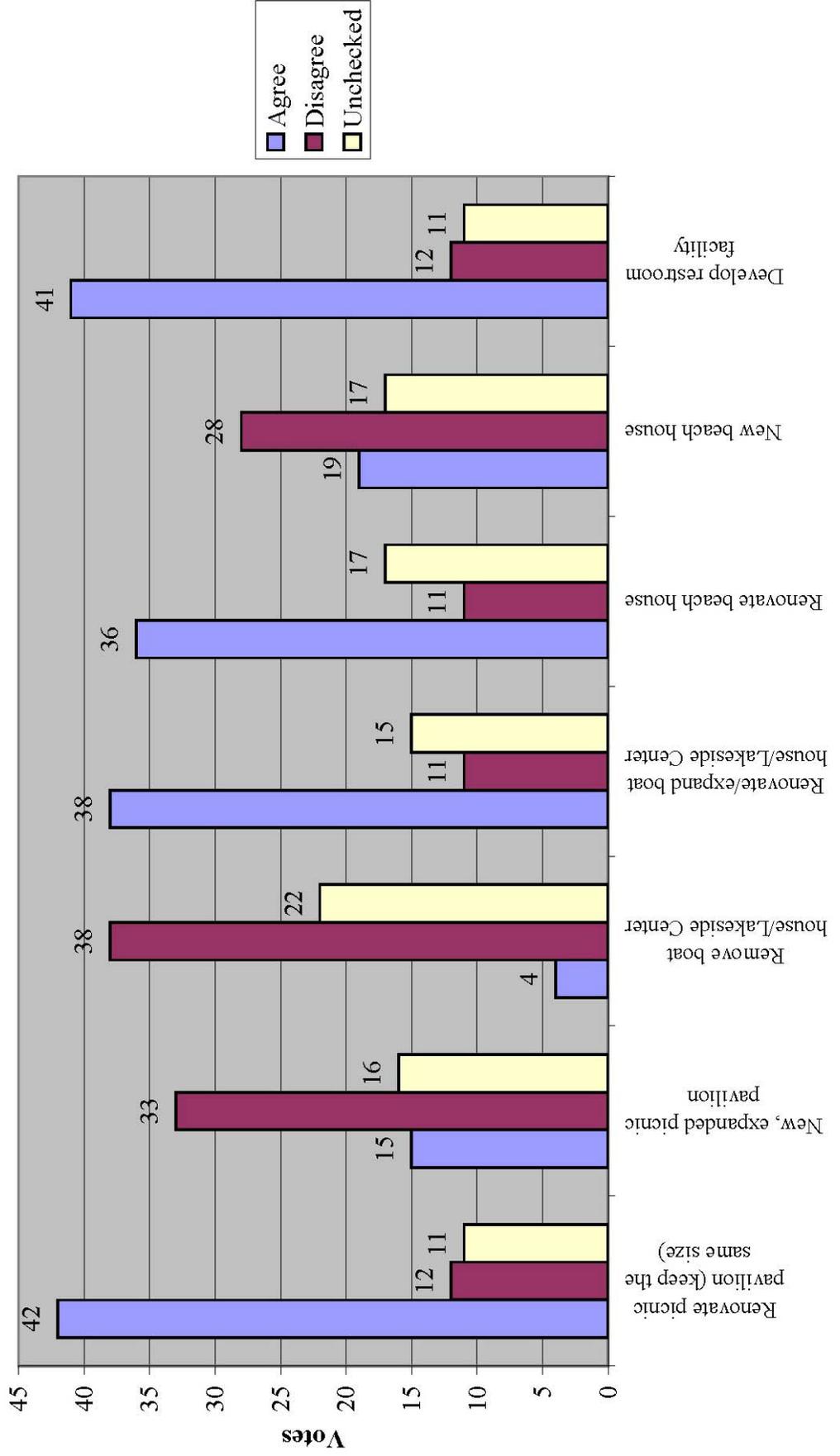
Phalen – Vehicular Circulation Improvements

While there is a significant amount of opposition to both improvements to Phalen Drive, there is a significant amount of support for improving Arcade Street as a parkway and improving the intersection of Arcade Street and Wheelock Parkway. Generally, support for additional parking is inconclusive.



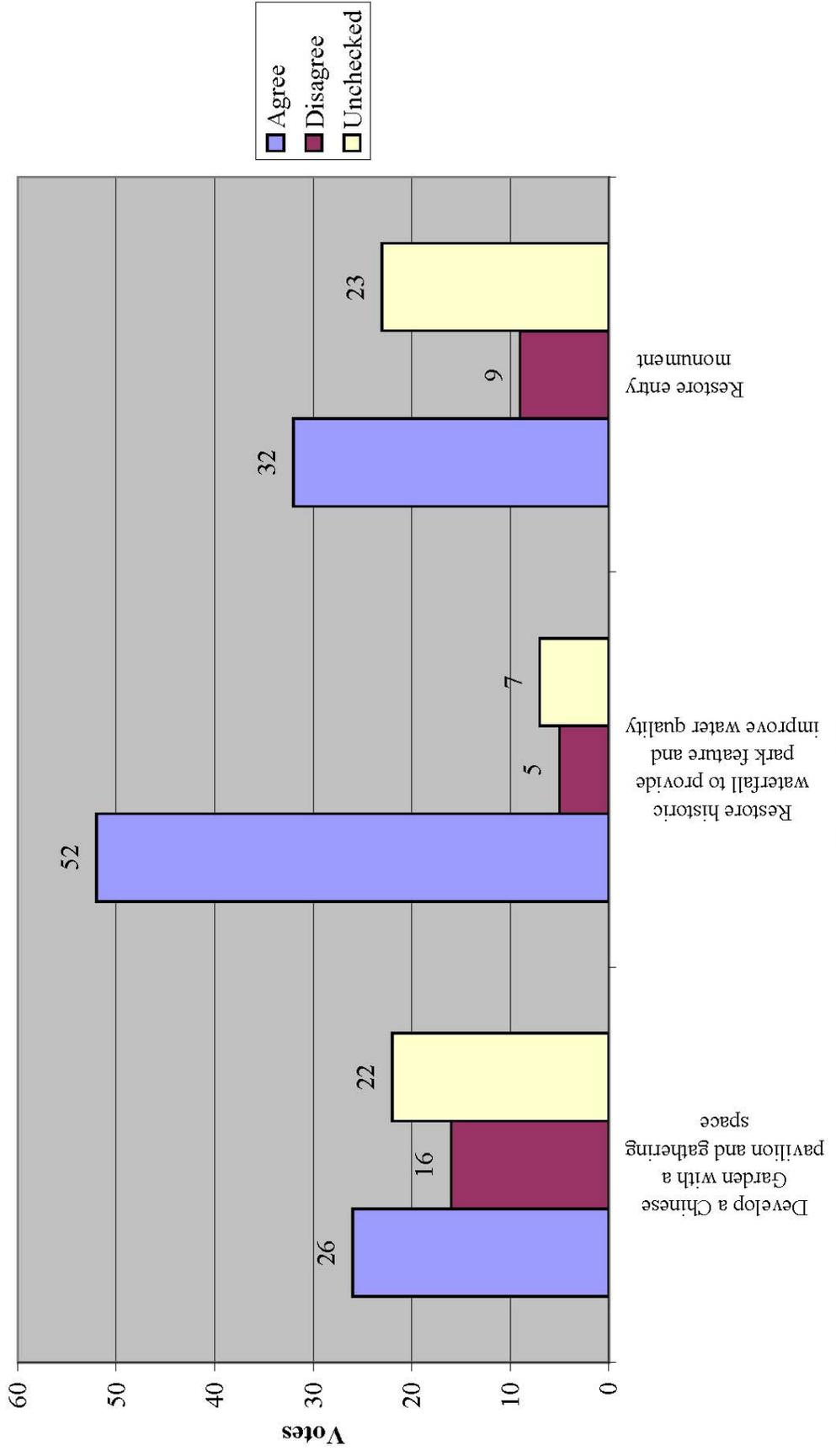
Phalen – Architectural Improvements

Renovation of the Picnic Pavilion, Lakeside Center, and Beach house is preferred to developing new facilities. However, there is support for providing an additional restroom facility at the south end of Lake Phalen.



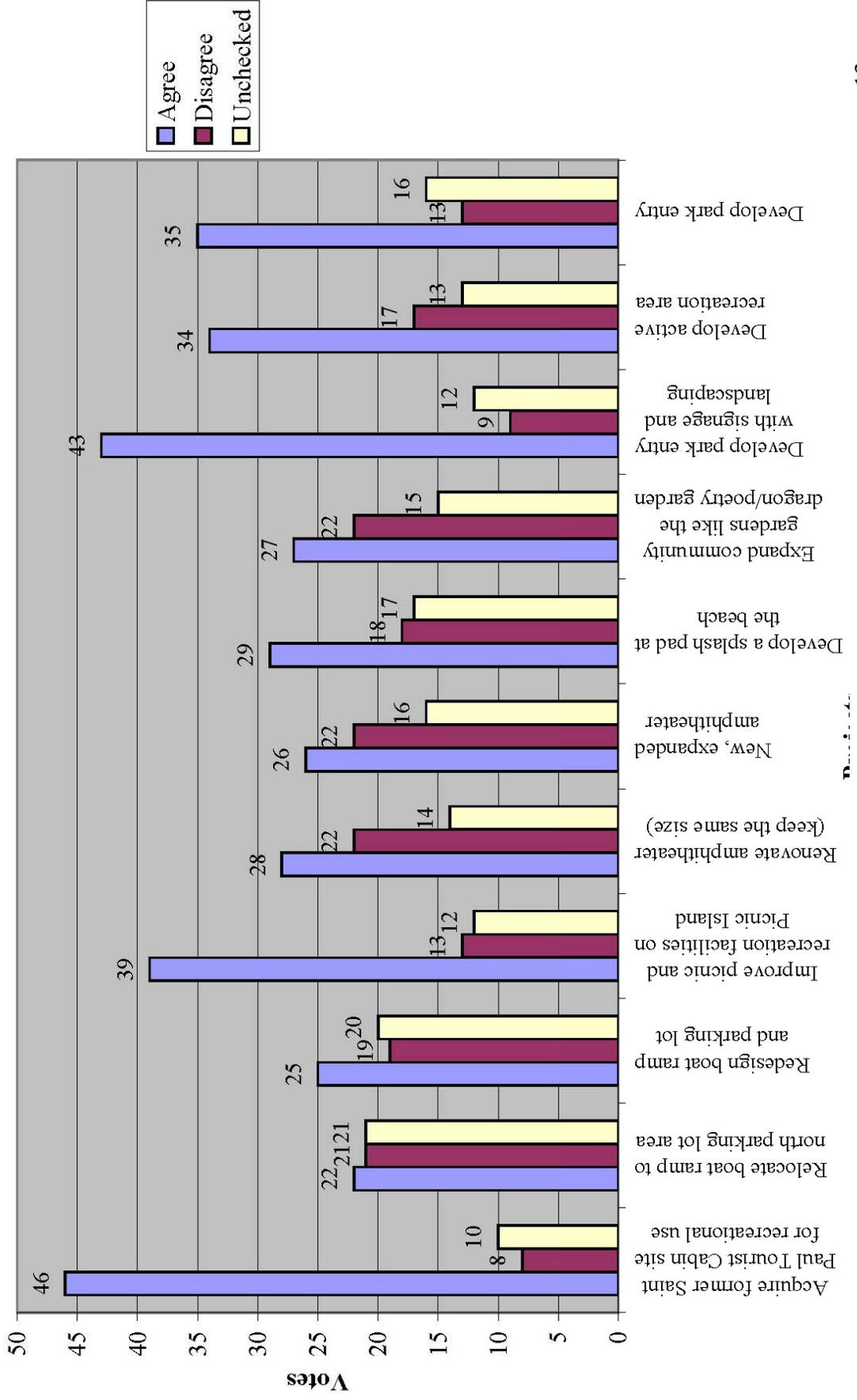
Phalen – Cultural/Historical Improvements

There is support for all Cultural and Historical improvements identified in the concepts. There is especially a significant amount of support for the restoration of the historic waterfall.



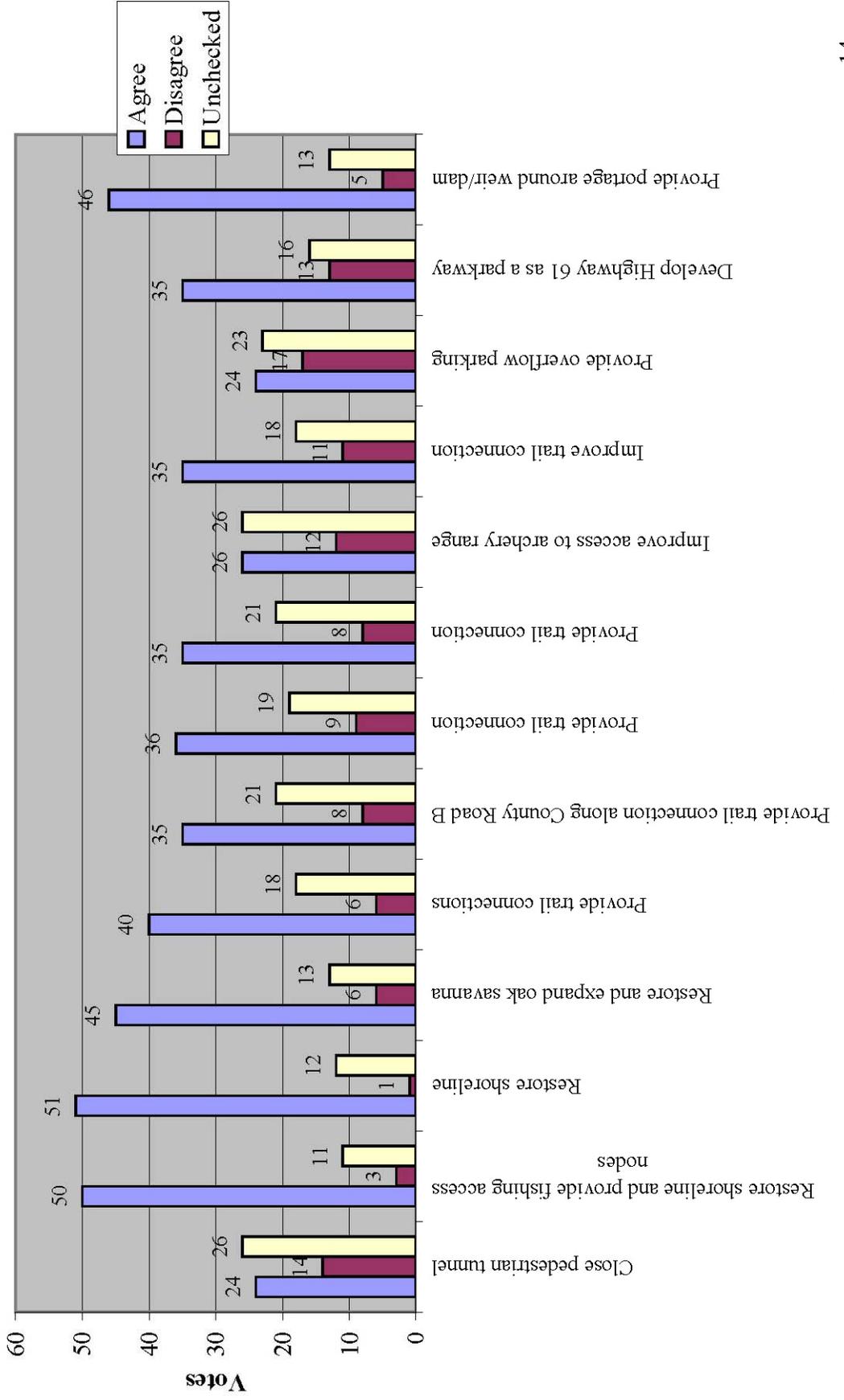
Phalen – Programming/Recreational Improvements

There is overwhelming support for acquiring the former Saint Paul Tourist Cabin site for recreational use. There is also moderate support for improving picnic facilities on Picnic Island, developing park entry areas, and a splash pad at the beach. Other projects received slightly less support.



DATA RESULTS – All KELLER PROJECTS

Other than closing the pedestrian tunnel, improving access to the archery range, improving access to the archery range, and providing overflow parking, all the projects at Keller received overwhelming or a significant amount of support.



Phalen Park Concepts

No.	Concept Item	Agree	Disagree	Comments
	Cultural/Historical Improvements			
8B	Develop a Chinese Garden with a pavilion and gathering space			
9A	Restore historic waterfall to provide park feature and improve water quality			
21A	Restore entry monument			
	Programming/Recreational Improvements			
1B	Acquire former Saint Paul Tourist Cabin site for recreational use			
3A	Relocate boat ramp to north parking lot area			
3B	Redesign boat ramp and parking lot			
10B	Improve picnic and recreation facilities on Picnic Island			
11A	Renovate amphitheater (keep the same size)			
11B	New, expanded amphitheater			
20B	Develop a splash pad at the beach			
22A	Expand community gardens like the dragon/poetry garden			
23A	Develop park entry with signage and landscaping			
35B	Develop active recreation area			
36B	Develop park entry			

Keller Park Concept

	Safety and Security Improvements			
8	Close pedestrian tunnel			
	Environmental Improvements			
1	Restore shoreline and provide fishing access nodes			
3	Restore shoreline			
11	Restore and expand oak savanna			
	Pedestrian Circulation Improvements			
2	Provide trail connections			
5	Provide trail connection along County Road B			
6	Provide trail connection			
9	Provide trail connection			
10	Improve access to archery range			
13	Improve trail connection			
	Vehicular Circulation Improvements			
4	Provide overflow parking			
7	Develop Highway 61 as a parkway			
	Programming/Recreational Improvements			
12	Provide portage around weir/dam			

Phalen Park Concepts

No.	Concept Item	Agree	Disagree	Comments
	Safety and Security Improvements			
24B	Investigate opportunities to enhance trail safety			
29A	Close tunnel under Bruce Vento Regional Trail			
	Environmental Improvements			
6A	Expand existing oak savanna			
7A	Restore Phalen channel with fishing nodes and upland planting			
10A	Restore Picnic Island - develop native planting areas and plant more trees			
18A	Develop native planting area			
26A	Develop native planting area			
27A	Ecological Demonstration Area/restore wetland			
33A	Restore wetland			
34A	Expand tree buffer			
	Pedestrian Circulation Improvements			
2B	Provide bridge connections in more suitable locations			
4A	Improve trail conditions, accessibility, and minimize erosion			
6B	Extend trails around Round Lake			
13B	Improve trail connections (remove confusing alignments)			
25B	Provide trail connection on Larpenteur Ave to Bruce Vento Regional Trail			
	Vehicular Circulation Improvements			
5A	Extend 2-way traffic on Phalen Drive, close connection to Arcade Street			
5B	Connect Phalen Drive to Arcade Street and Larpenteur Avenue			
14B	Improve intersection at Wheelock Parkway and Arcade Street			
15B	Provide on street parking in parking bays			
16B	Improve Arcade Street as a parkway with medians, lighting, and landscaping			
28A	Realign East Shore Drive to Arlington and English intersection			
30B	Realign East Shore Drive to provide more room for expanded parking lot			
31A	Provide on-street parking in parking bays			
	Architectural Improvements			
12A	Renovate picnic pavilion (keep the same size)			
12B	New, expanded picnic pavilion			
17A	Remove boat house/Lakeside Center			
17B	Renovate/expand boat house/Lakeside Center			
19A	Renovate beach house			
18B	New beach house			
32B	Develop restroom facility			

Phalen Park Concepts
No. Concept Item

Comments

top of page 37 #1 Improved lighting, sight lines, security boxes, cameras. Every where is Not for cars
 #2 WALKERS
 #3 Youth education not recreation
 written throughout first two categories - page 40 between Larpentuer and Frost why not have E. Shore Drive I-way and route traffic to English? Your safety issue on the trail would be no more
 top of page 41 More natural is better
 across top of page 50 Water Quality - is important!! Ongoing engagement. Multi-lingual signs. History interpretation.
 across top of page 63 Overall - Great ideas
 different form-added comment section - page 64 Enhancing & Expanding natural attributes of Park should be at top of list, ie: Erosion control, tree planting. Traffic should be routed away from Park users. Do not expand parking as that would increase motorized traffic. Encourage non-motorized access to Park.
 close park at night (written on bottom of page 21)

	Safety and Security Improvements
	bottom of page 57
	SPD camera system expanded - but needs constant monitoring
	Build a walk and bike bridge over Maryland to Vento Trail (to future Duluth-Case center)
	security cameras, better lighting
	cameras along trails to deter crime
24B	OUR #1 CONCERN IS SAFETY!!!
	More signage, maps of lake trail for safety
	Police presence on horse, bike, and foot
	Surveillance cameras a necessity - 2
	3rd top idea
	widen, lighting, signage
	lights/rangers
	make consistent = one park
	common sense
	lighting!
	cameras and lighting
	Safety is high priority
	Down facing lighting (yes!) Widen some=OK Curbs yes! Parking NO! (I-way earlier concept = OK)
	lighting, signage, widening trail - all good ideas
	ABSOLUTE PRIORITY
	Install security cameras at key points in park
	Cameras would be excellent! Had a few for a while - really helped!
	Especially on the northeast end of the lake
	lighting would be good on Maplewood side

	bottom of page 56	<i>Water Quality **** *milfoil issues corrected Great I think any involvement in restoration is a benefit for all – including the environment I would need more info to either agree or disagree; quite small now is there any opportunity for parking Any environmental improvements would be beneficial trees are good and add picnic tables/benches error - noted as red dot on plan should have never let it go and should be kept up! channel is unmanageable when shallow Yes! More picnic tables keep a fire ring Priority have space for recreation but still have volleyball sand courts conflicts with recreational uses Would be an excellent area for bird sanctuary/nature center - kids could come for field trips and eat lunch at pavilion-bridges could be gated and used only on expeditions. as long as the plantings don't impede use - this is a highly used area only if picnic area is retained more trees Do not tear down boat house keep boat house for café/boat rental, need better signs decreases lawn mowing lower priority because it's not there now This would be used by our school don't move road tho This is a great idea milfoil is #1 issue dependent on re-route? Expensive. strongly agree</i>
6A	Expand existing oak savanna	
7A	Restore Phalen channel with fishing nodes and upland planting	
10A	Restore Picnic Island - develop native planting areas and plant m	
18A	Develop native planting area	
26A	Develop native planting area	
27A	Ecological Demonstration Area/restore wetland	
33A	Restore wetland	
34A	Expand tree buffer	<i>depends on type and height of tree strongly agree</i>
	Pedestrian Circulation Improvements	<i>All red - Bridge over Maryland at Johnson Pkwy eliminating bike & pedestrian dangers Support bridge over Maryland also safety around lake</i>

2B	Provide bridge connections in more suitable locations	<i>Do not spend \$1 million on stone bridge restoration no \$ for stone bridge to nowhere Irrelevant signage (Bridge issue) finish off bridges so they don't rust-this should be essential for all bridges How about a sign? signage would solve any confusion Preserve aviary</i>
4A	Improve trail conditions, accessibility, and minimize erosion	<i>Narrow trails are okay they are less invasive Build on Existing Erosion control projects Preserve as natural aviary with binoculars lower priority because it's not there now leave lake as a bird sanctuary</i>
6B	Extend trails around Round Lake	<i>Redesign and provide easy flow access to trails Not confusing - 2 Better signage of trail system throughout park</i>
13B	Improve trail connections (remove confusing alignments)	
25B	Provide trail connection on Larpenteur Ave to Bruce Vento Regional Trail	

*Yes - connectivity
How develop, where*

5A	Vehicular Circulation Improvements	<i>E Shore Drive 1 way! (from page 19 top of back of page) All black - NOT AN EXPRESS WAY Will promote "cruising" of vehicles around Lake. Redesign two way signage, traffic flow, and parking restriction widen 5A & 5B - LEAVE GOLF COURSE NO 5A & 5B - close connection to Arcade would destroy p?? - return to old p?? - page 41 Need more explanation. NO - 2 expensive - no point. in/the ??? that a traffic study is needed to det best solution (can't read ???-page 54) do not give up green space NO! - 4 No, No, No. prefer this over "widen" above unless "cruising" problem close at 11 p.m. Concern = too easy to cruise lake, ok if could control The one way is too confusing only if closed off at night</i>
5B	Extend 2-way traffic on Phalen Drive, close connection to Arcade	
	Connect Phalen Drive to Arcade Street and Larpenteur Avenue	

14B	Improve intersection at Wheelock Parkway and Arcade Street	<p>Do not close Wheelock Avenue into area keep access to Wheelock into neighborhood straighten Wheelock out</p> <p>Buy the property & do it - Yes</p> <p>*3 Very tough intersection, esp in winter Much needed improvement. Also park entrance signage improvements</p> <p>Gateway area to St. Paul - should reflect ??? (can't read it-page 50)</p> <p>Options for additional Parking</p> <p>No</p> <p>Yes - depends on where - might be OK</p> <p>Be careful</p>
15B	Provide on street parking in parking bays	<p>Make it all consistent for park-need enforcement for speed-collaboration w/SPPD</p> <p>No parking on east shore drive!</p>
16B	Improve Arcade Street as a parkway with medians, lighting, and	Great
28A	Realign East Shore Drive to Arlington and English intersection	<p>be interesting to learn more about this will cause too many left turns probably would slow traffic speed and blowing stop sign</p> <p>Terrific idea!</p> <p>Good improvement for the traffic flow</p> <p>This is a longer term need in my opinion seems unnecessary</p> <p>strongly agree</p> <p>can you realign & have expanded parking?</p> <p>do not want the road closer to our homes - one way possibility</p> <p>Do not take easement from East Shore Dr Addresses north of Larpenteur</p> <p>more parking space</p> <p>maybe</p> <p>definitely need</p> <p>Slow down traffic on East Shore Dr.</p> <p>No No No</p> <p>maybe - depends on where</p> <p>No need to support more cars too many cars as is.</p>
30B	28A & 30B Realign East Shore Drive to provide more room for expanded pa	<p>Options for additional Parking</p> <p>maybe on Phalten Drive</p> <p>No No No</p> <p>depends on where to do it</p> <p>No need to support more cars</p>
31A	Provide on-street parking in parking bays	

	Architectural Improvements		bridge over Maryland! (written on bottom of page 22) don't bother (to all in this category - page 37)
		across bottom of page 51	<i>Other comments! (1) Before more development, find adequate funding for maintenance (2) Use boathouse restaurant as revenue source.</i>
12A	Renovate picnic pavilion (keep the same size)		<i>Provide electricity and improvements to facilitate events use expand & improve Absolutely!</i>
			<i>Seems counter productive to me B=better</i>
			<i>I like what is there now, but remodel it and upgrade kitchen facilities</i>
			<i>like new buildings to look historic to park</i>
			<i>Need to get more community input</i>
			<i>Repair soffits-birds have made holes and nest inside/new electric-new tables or at least paint & repair</i>
			<i>12A&B - either or, depending on what is most cost effective and meets needs of community</i>
12B	New, expanded picnic pavilion		<i>Priority</i>
			<i>If new do not expand</i>
			<i>have structure here already</i>
17A	Remove boat house/Lakeside Center		<i>Boat House is great and should be used. Make it used. Think Lake Calhoun and Harriet</i>
			<i>Make it more appealing and better to be seen</i>
			<i>open boat house</i>
			<i>No, use as café/boat rental</i>
			<i>No, I love it too much!!</i>
			<i>If we can't find a better use of it</i>
			<i>We need boating facilities! Open this for use!</i>
			<i>Something needs to be done ??? (can't read rest on next line - page 33)</i>
			<i>Do not remove it! It is 1 of best things on lake!</i>
			<i>Home of Canoe Camp which should be continued!</i>
			<i>Needed for activities (canoe camp)</i>
		17A, B, 19A, 18B	<i>Rent out recreational equipment</i>
			<i>Would be nice to have rentals of canoes and paddle boats</i>
17B	Renovate/expand boat house/Lakeside Center		<i>Need vendor café, boat rentals, signage, more visibility, and better security</i>
			<i>canoe/boat rental</i>
			<i>Priority + café - good location</i>
			<i>police substation at boat house from May to Oct (bike police)</i>
			<i>Change use to restaurant/coffee shop ala Como</i>
			<i>fully utilize existing boat house</i>
			<i>renovate but don't expand</i>
			<i>improve on the boat house - keep the rentals & ice cream cones</i>
			<i>People always ask about boat rentals!</i>

		Why Chinese? Would like meditation type garden
		Speed of bikes on path not street (page 27)
		also open channel between round and picnic island
		protect space
8B	Develop a Chinese Garden with a pavilion and gathering space	Don't copy Como Park, enhance Phalen as natural park
		not Como Park/keep park as nature ???
		5th top idea!
		N end of island
		Fantastic!
		OK but lower priority
		It is a beautiful natural area/vista right now.
		Please no - can't improve oaks space
		open Historic bridge!
		Wrong location & costly to maintain.
		Keep this area a space for reflection and quiet enjoyment of the park
		w/pavilion? Isn't this near picnic pavilion? Too much roof top.
		currently used by many citizen for picnic and fish
9A	Restore historic waterfall to provide park feature and improve w	attractive nuisance, children drowning, cost too much
		children will drown/too much \$
		#2 BEST IDEA
		built in 1950s with well, oxygenate water
		Yes!
		Should have NEVER turned it off!
		If maintained
		It would be nice to recirculate lake water providing more oxygen for fish to kill pond weeds
		people always complain about water quality
		Yes, Please! Please! Please!
		this would be beautiful!
		cheaper and better way to ??? page 59
21A	Restore entry monument	Landscape, plants or tulips to address entryways
		What is wrong with one we have
		What is this?
		In good shape
		divide path at bottom of hill at East Shore Drive & Idaho for bike & walking (page 27)
		NO (to all in this category - page 37)
		I agree with the comments about pollution on the lake. Sometimes the milfoil-or something
		like it-has stayed on the lake for 4-6 weeks. I believe you said Ramsey County is responsible
		for this. I intend to talk to my county commissioner about this. I also echo the safety
		concerns expressed at the meeting. Security cameras are a good idea (neutral). - page 47

1A	Acquire former Saint Paul Tourist Cabin site for recreational use	Seems like housing would be a better option
		Future use
		#1 BEST IDEA
		Yes! Keep as parkland
		Parking and trolley
		#2 - About time
		*1 Very important acquisition
		OR better yet, more natural space
		Which use?
		Make it an arboretum *
		Great opportunity to expand park to the east only
		Enhance natural resources of Park
3A	Relocate boat ramp to north parking lot area	Surveillance cameras
		Plant trees where the old one was
		Priority
		3A and 3B - Couldn't you close the Phalen side & launch into Round Lake & increase height of bridge between lakes
		don't waste \$
		if feasible - nice idea
		Maybe OK
	3 A&B combined	one or the other. It would be great to reduce the conflict w/bike/ped traffic & boat launching
	3 A&B combined	not as good as A - but needs to be addressed
3B	Redesign boat ramp and parking lot	if don't move it
		Keep as is.
		Low priority
		In Very Good Shape
		depends - many question
10B	Improve picnic and recreation facilities on Picnic Island	artificial turf
		don't add new buildings - great active multi-use now
		Improve how? Keep open space for multi-use
		sand volleyball courts need to be there so grass isn't ruined
		poll current users/Concerns that this will be overdeveloped
		Again, if doesn't impede on current use
		allow families to set up volleyball here? please - page 59
11A	Renovate amphitheater (keep the same size)	Keep the same size
		how often is it use?
		11A and 11B - expand by 1/2 & upgrade utility
		Save \$

		<i>More seating more opportunities for venue. Need sitting space-handicapped accessible with seating</i>
		<i>Noise mitigation & enforcement = necessary</i>
		<i>Rehab existing facility</i>
		<i>? Maybe</i>
		<i>What is wrong with it?</i>
		<i>Not much renovating to do</i>
	11A&B	<i>would like comparison to learn more about what groups would like bigger - outside theater? Yes!!</i>
11B	New, expanded amphitheater	<i>Let's use what is there</i>
		<i>good - help promote café in boat house</i>
		<i>with comfortable seating</i>
		<i>larger</i>
		<i>A larger facility will exacerbate parking issues</i>
		<i>Concerns about noise disturbance</i>
		<i>In Good Shape</i>
		<i>Expand moderately - doesn't accommodate</i>
		<i>If it will be used more often</i>
20B	Develop a splash pad at the beach	<i>No noise in south neighborhood</i>
		<i>noise</i>
		<i>it needs to be natural (think they meant natural - page 11)</i>
		<i>This is natural</i>
		<i>for smaller kids</i>
		<i>I have and Idea for this at the South End Maui (?) Cultural for adults by parking area (page 27)</i>
		<i>What about a swimming pool?</i>
		<i>Needed for toddlers and small children</i>
		<i>Don't junk it up.</i>
		<i>many small children need safer place to swim</i>
		<i>Would draw more people to beach and increase safety</i>
		<i>clean the water first</i>
		<i>Children will enjoy this.</i>
		<i>Yes!</i>
22A	Expand community gardens like the dragon/poetry garden	<i>No, maintenance is labor intensive, specialized</i>
		<i>green space is multi purpose as is</i>
		<i>don't expand, fine the way it is</i>
		<i>only if there is an organization to do it</i>
		<i>concerned about vandalism-maintenance so that the appearance is pleasant</i>

		need more info
	Environmental Improvements	milfoil harvesting (written on bottom of page 21)
		Spoon Lake
		Children around - handle of different cultures (page 27)
1	Restore shoreline and provide fishing access nodes	seem useless (think they meant useless - page 11)
		Spoon
3	Restore shoreline	1&3 - If possible, when 61 is renovated, move somewhat to the east to take pressure off lake. improve shoreline
		Keller - 2
		*2 Critical restoration area
11	Restore and expand oak savanna	If nothing better can be done, how about St. Paul horse stables for police area by Roselawn
		Roselawn & 61
		Roselawn & 63
		umbrella keeps sun off with trails
		This area might be suitable for some other natural development that might reduce undesirable activities

	Pedestrian Circulation Improvements	2nd top idea! All red - improving trails should be the big priority
		Adults children can take shoes off and cool themselves down. Water real low for just feet.
2	Provide trail connections	Bev Oberg cell 612-386-3425
		Explore options to connections with trails
		Install more benches around lake
		Not needed
		61/36 intersection may be changed
		No tunnels
		Any trail connections that could be made would be beneficial-signage for the trail system would also be helpful
		What about the eagle's nest
5	Provide trail connection along County Road B	Explore options to connections with trails
		need to cross 61
		No tunnels
6	Provide trail connection	Explore options to connections with trails
		?
		by (nothing else written - page 19)
		No tunnels
		6 & 9 - concern for eagles nest by Hwy 36
		strongly agree

9	Provide trail connection	Explore options to connections with trails ? by Arcade No tunnels strongly agree
10	Improve access to archery range	Explore options to connections with trails Need more fitness/basketball courts/obstacle course need more varied rec./basketball courts, ??? Why? Not needed a waste of \$ checked Agree - wrote "or neutral" it's fine was yellow on slide
13	Improve trail connection	Explore options to connections with trails Frost-Round Lake
Vehicular Circulation Improvements		
7	Develop Highway 61 as a parkway	No, I won't let that happen unfamili (yes, that's what they wrote- page 59) No! Would make traffic too slow Too many restrooms - who ??? may be returned (?) from State to County - slower speed opportunity to make park visually connected This would be a great entry into the city Would like to see "greeing" of area with more trees - possibly a green (grassy) median Perhaps eventually but long back Great Idea existing road limits potential of park "turn back" / Commuters? Interesting idea but sounds very expensive - Create a safety issue Great Idea! But expensive
Programming/Recreational Improvements		
12	Provide portage around weir/dam	need to retain H2O level - Bob Klicker rklicker@msn.com very important High priority - tho is essential? (can't read) minimize erosion It is a PAIN to portage over! Also very unsafe. would like to see this happen very much as a canoeist better? Improvements to support canoeing & kayaking - page 50 Yes!

APPENDIX C

Diversity Outreach Event feedback summary



CITY OF SAINT PAUL

Mayor Christopher B. Coleman

400 City Hall Annex
 25 West 4th Street
 Saint Paul, Minnesota 55102
www.stpaul.gov/parks

Telephone: 651-266-6400
 Facsimile: 651-292-7405

Phalen - Keller Regional Park Master Plan – Park user feedback event

June 23, 2010; 6:00p.m. – 8:00 p.m.

What do you like about Phalen and/or Keller Park

- | | | |
|-------------------------|----------------------------|----------------------------------|
| Trails (38) | Grills (1) | Phalen is better than Keller (1) |
| Views (5) | Sunbathing (1) | Family/Friends (14) |
| Diversity of people (9) | Shoreline restoration (1) | Water (1) |
| Great park (2) | Plenty of garbage cans (1) | Biking (1) |
| Fishing (4) | Portable restrooms (1) | Volleyball (2) |
| Spacious (1) | Festivals/carnivals (2) | Swimming (1) |
| Playground (5) | Lake (2) | Isolated (1) |
| Clean (3) | Community Area (2) | Convenient (3) |
| Sculpture (1) | Picnic Area (6) | Island (1) |
| Walk the dogs (1) | Security (1) | Areas to play ball (1) |
| Resources (2) | Nature (8) | Areas for children (2) |
| Culture (1) | Passive activity (1) | Multiple activities (1) |
| Parking (6) | Friendly people (1) | |
| Proximity to house (29) | Excellent recreation (1) | |

What would you like to change or add to the Parks

- | | |
|--|---|
| Noise levels of some cars going around the lake (1) | Carnivals (1) |
| Separate paths completely (two many close collision between bikes/walkers) (1) | More water fountains (14) |
| Bathrooms – More facilities to the public at all hours (48) | Open restrooms earlier (2) |
| Restroom on island (8) | Clean up paths (2) |
| More security (14) | Band shell (2) |
| More flowers (1) | More symphonia music (1) |
| More playgrounds (7) | More picnic tables (4) |
| Milfoil (9) | Horseshoes (1) |
| Area to swim in all areas of the lake (1) | New fishing pier (1) |
| Beach water quality (3) | Police horses for petting (1) |
| Add tennis/BB court (1) | Better care of grass around picnic tables (1) |
| Quiet – away from noise (1) | Place to play Tub Lub or Ntaus Tuajlub (pronounced tu lu) (2) |
| Trash/Recycle (1) | Emergency phones (2) |
| More lighting (8) | Grass (1) |
| Basketball (1) | Clean environment (7) |
| Soccer field (3) | New grills (1) |
| Pier fishing (5) | Concessions (4) (ie Hmong food vendor) |
| | Volleyball court (1) |



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National Gold Medal Award

Artificial turf volleyball court/Kato
(nonreserved) (6)
More parking (2)
More picnic pavilions (no reservations) (6)
(suggest more on island)
Cut down leaning trees (1)
Fence on island (1)
Playground on island (1)
Maintain nature/wildlife (1)
More grass (1)
1st come, 1st served (1)
Make bridge safer for young children (2)
Swimming pool (1)
More winter activities (1)

More cultural themes and activities (1)
Water dance in lake (fountain?) (1)
Restore waterfall (2)
Accessibility for canoes (1)
Tennis Courts (1)
Campgrounds (1)
More fish in lake (2)
Clearly paint symbols for walking and
biking paths (1)
Park maps/signs (1)
More benches (9)
More trash containers (7)
More athletic courts (1)
Canoe rental (1)

What activities do you do at Phalen and/or Keller Park

Golf – 10
Fish – 32
Boat – 11
Swim – 19
Walk – 64
Run – 36
Jog – 29
Bike – 36
Inline skate – 6
Archery – 9
Attend festivals – 17
Picnic – 47
Kato – 15
Volleyball – 28
Bird Watch – 12
Ice Skate – 6

Hockey – 3
Row – 3
Sail – 3
Skateboard – 6
Canoe – 7
Kayak – 6
Soccer – 18
Dog walk – 5
Cross Country Ski – 6
Sled – 7
Tai Chi – 1
Yoga – 2
Camp – 6
Snowmobile – 2
Campfire – 6
Meditate – 5

Sunbathe – 5
Read/Write Poetry – 4
View Holiday Lights – 12
Enjoy nature – 27
Photography/Videography – 12
Garden – 8
Attend Concerts – 7
Read Books – 10
Geocache – 1
Attend special events (Dragon
Boat festival) – 17
Playground – 7
Walk dog – 1
Hang out with friends – 1
Tujjub – 2

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