



Parks, Recreation, Trails and Open Space

*“To satisfy the recreational needs of the citizens
of the state and visitors and, where appropriate,
to provide for the siting of recreational facilities,
including destination resorts.”*





Access to parks, recreation, trails, and open space enhances the livability of a community and contributes to the well-being of its residents. These amenities provide a variety of opportunities for residents and visitors to enjoy both active and passive activities, while also helping to preserve open space, wildlife habitat, and natural resources. Parks may also serve as informal meeting places to draw people together and create a sense of place. These public lands and facilities are highly appreciated by Tigard’s residents and the City is committed to their adequate provision. Statewide Planning Goal 8 requires Oregon jurisdictions to plan for recreational needs and this becomes especially important as the City begins to approach full development.

GOAL 8: Recreational Needs

“To satisfy the recreational needs of the citizens of the state and visitors and, where appropriate, to provide for the siting of recreational facilities, including destination resorts.”

The community envisions a future where a wide variety of recreational opportunities is available through a diverse system of parks, trails, and open spaces. This system would be distributed throughout the community and easily accessible from all neighborhoods. It includes not only developed parks, but open spaces to protect natural resources that the community holds in high regard. The citizens also know that simply planning for and providing the opportunities is not enough, but funding must be secure to properly manage and maintain the system.

The Tigard park system currently includes 169 acres of City parkland and 182 acres of greenway and other preservation-oriented sites. These figures equate to 3.7 acres of developed area and 4.0 acres of natural area per thousand residents. Most of this park and greenway land is located within the floodplain. In addition to parks and open spaces, Tigard has developed a successful trail program, consisting of 9 miles of completed trails. These trails provide both recreation opportunities and transportation links throughout the community. A major source of parkland acquisition and development funds has come from the park System Development Charge (SDC) on new development, first imposed in 1977.

The City does not sponsor a recreation program and is not served by a special park and recreation district. The *Tigard Park System Master Plan* covers the city proper and the unincorporated Urban Services Area. Subsequent to the master plan’s adoption in 1999, the City added 19.3 acres of parkland and 24.1 acres of greenway. Because of population increases during the same period, the City’s existing level of service through 2006 held steady at 7.7 acres of public parks and open space per thousand population.



KEY FINDINGS

- The system of adding parks and related land and facilities in the City has kept up with growth in the seven years since the Park System Master Plan's adoption in 1999 (7.7 acres/1000 residents), but has not achieved the Plan's aspirational standard.
- Many areas of the City are park deficient.
- The land supply available for parks and open space is becoming smaller and more expensive.
- Given the level of development in Tigard, sufficient land for neighborhood parks is unavailable to meet the needs of underserved residential and non-residential areas.
- Many non-City-owned lands and facilities serve the park and leisure needs of Tigard residents.
- The City lacks a trail master plan to guide the development of the trail system and facilitate progress toward its completion.
- The City has regulations in place that effectively provide for block links and pedestrian connections in new neighborhoods. However, there are significant gaps in the off-street pedestrian system within older neighborhoods.
- Citizen groups have identified a trail route within Northeast Tigard that includes on and off street segments to connect with the City of Portland-adopted SW Communities trail network. Citizens have proposed that this route be considered for adoption into the Tigard trail plan.
- The trail officially identified by Tigard as the "Powerline Trail" is a segment of a larger inter-jurisdictional trail formally identified as the "Westside Trail" in the Metro Regional Trails Map.
- The City does not operate a recreation program and is not served by a special park and recreation district. Consequently, Tigard residents have limited opportunities to participate in recreation programs.
- Overall, City parklands are well maintained. Maintenance problems identified in the 1999 Tigard Park System Master Plan have been, or are being, addressed.
- The new Park SDC methodology sets a per-project percentage limit on the use of SDC funds. Some 63% of the cost of park improvements is assigned to non-SDC funding sources. At this time, the City does not have a stable source of revenue that can be used as the companion funding source for capital projects.
- Many of the projects identified in the Parks SDC parks capacity program are



located in the Bull Mountain Urban Services Area and not within the City limits.

- Tigard does not have a parks foundation. Such foundations provide local governments with important additional programs to finance park and open space projects.
- The City has been proactive in working with the Tigard Water District for the use of reservoir properties for open space. Partnership plans with the school district for the renovation and joint use of school playgrounds to meet neighborhood park needs have not been developed.
- Volunteers annually contribute thousands of hours to Tigard's park system and are a non-monetary funding source for park maintenance and improvements.
- In recent years, the City has developed and employed innovative methods to create more active park acreage to serve community needs. This has included making use of a state infrastructure loan program to expand Cook Park and making certain types of industrially zoned properties available for park uses.
- The citizens of Tigard value pedestrian and bicycle paths in the community and support the development of a well connected network.
- The citizens of Tigard value access to neighborhood parks and open space within a half mile of their homes.
- The citizens of Tigard are concerned about the impact of growth on the community's natural resources.
- The citizen's of Tigard are concerned about the lack of a public recreation program and the lack of an adequate number of parks in the community.

In addition to parks and open spaces, Tigard has developed a successful trail program, consisting of 9 miles of completed trails.

GOAL

- 8.1 Provide a wide variety of high quality park and open spaces for all residents, including both:
- A. Developed areas with facilities for active recreation; and



- B. Undeveloped areas for nature-oriented recreation and the protection and enhancement of valuable natural resources within the parks and open space system.

POLICIES

1. Tigard shall acquire, develop, and maintain a diverse system of parks, trails, open space, and recreational facilities that are safe, functional, and accessible to all of its population.
2. The City shall acquire and, where appropriate, improve natural areas located within a half mile of every Tigard resident to provide passive recreational opportunities.
3. The City shall seek to achieve or exceed the ideal park service level standard of 11.0 acres of parkland per thousand population.
4. The City shall develop neighborhood parks [or neighborhood park facilities within other parks, such as a linear park] located within a half mile of every resident to provide access to active and passive recreation opportunities for residents of all ages.
5. The City shall develop other parks, including linear parks, special use facilities, urban plazas, skate parks, and pet areas, consistent with the descriptions and standards contained in the park system master plan.
6. The City shall acquire and manage some open spaces to solely provide protection of natural resources and other open spaces to additionally provide nature-oriented outdoor recreation and trail-related activities.
7. The City shall ensure public safety is a major consideration in the planning, design, and management of parks, open spaces and trails.
8. The City shall enforce park rules, especially against loitering, harassment, and camping, and work to identify long term solutions to these three on-going park use problems.
9. The City shall integrate green concepts into park and open space design, maintenance, and operations.
10. In addition to standing committees, such as the Park and Recreation Advisory Board and the Tree Board, the City shall involve its residents and businesses as active participants and partners in all aspects of providing park and recreational services, including park system master planning and City comprehensive planning efforts.
11. The City shall ensure that the community at large is adequately informed of recreation opportunities and programs; issues affecting park, open space, and recreation services; and volunteer opportunities.



12. The City shall, either directly or in coordination with other stakeholders and agencies, seek opportunities to acquire public open space.
13. The City shall build and maintain partnerships with other governmental and private agencies and organizations to optimize funding and facility resources and improve park and recreational opportunities.
14. When considering acquisition of new parkland and open space, the City shall identify funding for required maintenance and public safety activities.
15. The City shall require all development to pay a parks system development charge or to dedicate land in lieu of a park system development charge.
16. The City shall ensure that any land dedicated to the City in lieu of a parks system development charge meets the needs, goals, and objectives in the Comprehensive Plan per comprehensive plan policy (#23) governing land donations.
17. The City shall continue to encourage and recognize the important role of volunteers and community groups in meeting City park, trail, open space, and recreation needs and in building stewardship and promoting community pride.
18. The City shall maintain and manage its parks and open space resources in ways that preserve, protect, and restore Tigard's natural resources, including rare or state and federally listed species, and provide nature in the city opportunities.
19. The City shall provide funding for a high level of park, open space, and recreational facility maintenance.
20. The City shall work with all elements of the community to provide and manage a fully functional urban forest.
21. The City shall seek the assistance of volunteer groups and other community partners to help in maintaining parks, trails, and open space.
22. The City shall continue to improve access to neighborhood parks and other facilities according to the City's Americans with Disabilities Act Plan.

The City shall work with all elements of the community to provide and manage a fully functional "urban forest."



23. Acceptance of any land donated for park purposes shall be based upon its usefulness and adaptability to the Park System Master Plan. The following shall be taken into consideration when making a decision regarding the acceptance of a proposed property donation:
 - A. The property's location within the City's proposed greenway system;
 - B. Its location bordering an existing park or greenway;
 - C. The degree to which the property meets the "site selection criteria" for the facility type corresponding to its intended use as listed in the Park System Master Plan;
 - D. The occurrence within the property of unique or significant natural or cultural resources;
 - E. The condition of the property and the City's liability for any potential problems or maintenance needs associated with its condition;
 - F. If landlocked, or enclosed within non-city owned land, the right of entry or public passage through the non-city owned land; and
 - G. The existing owner's awareness and acknowledgement that the control over public access passes to the City and its officers with the donation.
24. City-owned property may be used for private wetlands mitigation. The City will consider proposals for such mitigation on a case by case basis, subject to the following (A-D are contained in Resolution 96-42):
 - A. It can be demonstrated that there is benefit to the City and the general public;
 - B. The mitigation must provide a documented physical enhancement of existing wetland;
 - C. The City should be compensated for the use of the area either through rent, lump sum payment, benefit to the City, or as agreed to by the City Council;
 - D. The wetland mitigation should demonstrate no additional cost to the City for maintenance or other factors, unless acceptable to the City Council; and
 - E. Should the City consent to the private use of City-owned property, the applicant shall obtain a City Sensitive land permit and all other necessary permits and approvals for the proposed work. The required joint state/federal wetlands application shall explicitly state that the City is not a party to the permit and enforcement of the permit will be directed solely against the developer.
25. Public notice (in the form of on-site signage, a City webpage posting,



and mailings to every party requesting such notice) shall be provided in the case of any proposed City sponsored wetland mitigation on City owned property where no sensitive lands permit is required.

RECOMMENDED ACTION MEASURES

- i. Regularly update the Parks System Master Plan (every 5 to 10 years) to ensure it continues to address the changing needs of the City. Update sections of the document more frequently with an amendment or other process to reflect the results of major policy or planning initiatives.
- ii. Develop master plans for each park that: identify the locations and types of development that will occur in the park, preserve natural areas, and ensure development that promotes safe and aesthetically pleasing environments.
- iii. Consider and respond to Tigard's social and demographic characteristics, including its cultural diversity, when planning for and investing in park improvements.
- iv. Consider the development of a partnership plan with the school district for the renovation and joint use of school grounds in park deficient areas to meet neighborhood park needs.
- v. Coordinate with and support Metro, Oregon State Parks, the National Park Service and other agencies and that provide parks, open spaces, and recreational activities in or near Tigard.
- vi. Promote a safe environment in the City's parks and open spaces through on-going contact and coordination with public safety officials.
- vii. Consider the development of a marketing and communication plan to inform the public about the value of parks and the recreational services they provide.
- viii. Develop and distribute maps and brochures to educate users about the park and open space system and promote appropriate use.
- ix. Revise and update the Park System Development Charge (SDC) Methodology to reflect current land and development costs and to consider:
 - A. The development of a dependable, long term funding source or sources that can be used to provide the overall project costs assigned to non-SDC funding sources in the SDC



- study's capital improvement program;
- B. Adjustments to the extraterritorial (Urban Growth Area) improvement projects identified in the SDC capital improvement program; and
- C. Adjustments to the SDC fee structure that reflects realistic non-SDC revenue expectations.
- x. Consider seeking voter approval as early as November 2008, and no later than November 2010, to fund needed park and open space acquisitions and improvements.
- xi. Utilize alternative methods to acquire and develop open space, parks, and trails, including local improvement districts, purchase of easements and development rights, life estates, etc.
- xii. Work to increase grants and donations from new sources for operating and capital funding.
- xiii. Consider the establishment of a parks foundation to assist with fund raising, and acquisition, and special projects.
- xiv. Explore additional ways to acknowledge and recognize sponsors and donors.
- xv. Continue to use park reservation fee schedules that provide cost recovery balanced against needed services. Provide services to City residents at lower costs than to non-residents.
- xvi. Continue efforts to involve the public in the allocation of and request for funds.
- xvii. Identify funding for required maintenance and management activities when considering acquisition of new parkland and open space.
- xviii. Where applicable, take into consideration the costs of public safety services when considering acquisition of new parkland and open space.
- xix. Make parks, trails, and open spaces universally accessible by as many people as possible.
- xx. Provide public access to public open space in ways that protect and preserve sensitive natural resources.
- xxi. Continue to seek the assistance of volunteer groups to help in developing and maintaining parks, trails, and open spaces.
- xxii. Create volunteer opportunities and support those who want to participate in making ideas, projects, and events happen in their neighborhood parks.
- xxiii. Develop and apply administrative policies and procedures for use



- of volunteer resources.
- xxiv. Continue to develop and implement specific management plans and maintenance programs for the high level maintenance of all of the City's park and open space lands.
- xxv. Seek opportunities to introduce more environmentally-friendly, science-based practices, including measures to increase re-use and recycling programs, on-site filtration, integrated pest management, and other best management practices.
- xxvi. Develop and implement an urban forestry program to improve the condition of Tigard's urban forest through effective management decisions.
- xxvii. Include natural resources surveys and monitoring in the City's management of public open spaces and related natural resources.
- xxviii. Remove and control invasive species and noxious weeds in natural areas:
- xxix. Inform the public about maintenance and management requirements for the City's various types of parks, recreation facilities, trails, and open spaces, as for example by posting maintenance plans on the City webpage.

GOAL

- 8.2 Create a City-wide network of interconnected on- and off-road pedestrian and bicycle trails.

POLICIES

1. The City shall create an interconnected regional and local system of on- and off-road trails and paths that link together neighborhoods, parks, open spaces, major urban activity centers, and regional recreational opportunities.
2. The City shall design and build greenway trails and paths to minimize their impact on the environment, including on rare and state and federally listed species.

RECOMMENDED ACTION MEASURES

- i. Complete a trail system master plan to guide the development of the trail system and facilitate progress toward its completion.



- ii. Complete a Citywide inventory and prioritization of opportunities for short pathway connections that increase bicycle and pedestrian connectivity and complement the greenway and on-street bicycle/pedestrian systems.
- iii. Develop trail standards for the many trail systems, sizes, and materials needed in different settings.
- iv. Add to the park system master plan map:
 - a. The Tigard portions of two “regionally significant” trails (the Westside Trail (formerly, the Powerline Trail) and the Washington Square Loop Trail); and
 - b. The on- and off-street route identified by the citizen groups that connects the Washington Square Loop Trail with the Portland Urban Trail Number 5, which ends at SW Dickinson and SW 65th.
- v. Coordinate trail development and maintenance activities with natural resource management objectives and activities.
- vi. Where appropriate, furnish trails with amenities, such as interpretive and directional signage, benches, drinking fountains, parking and staging areas, and other services.
- vii. Use automated systems to systematically map and document trail easements, right-of-way dedications, proposed alignments, and current trail locations.

GOAL

- 8.3 Develop full-service recreational facilities and establish a comprehensive recreation program, providing a wide range of recreational, cultural, and educational activities.

POLICIES

- 1. The City shall establish a recreation program served by high quality community facilities.
- 2. The City shall identify funding to build recreational facilities and provide a full service recreational program

RECOMMENDED ACTION MEASURES

- i. Develop an information program to raise the public’s awareness of the



importance of recreational facilities and programs to public well-being and community livability.

- ii. Identify potential partners, including school districts, special service districts, private providers, etc., for the provision of recreation programs.
- iii. Work with the community to assess appropriate elements for a recreation program.
- iv. Consider voter approval to fund needed recreation facilities and a recreation program.
- v. Financially assist, when able, youth sports leagues and other non-profit recreation providers

3.5 PARKS, RECREATION AND OPEN SPACE

Findings

- In Tigard, public and private organizations can play an important role in providing leisure and recreational opportunities and cultural activities.
- Many of the Tigard School District sites provide recreational needs not found within many of Tigard's parks.
- Small parcels of unbuildable land resulting from urbanization can provide mini-parks or landscaped areas.
- A properly planned and managed system of open space and recreation lands can reduce the impact of urbanization and serve the leisure and aesthetic needs of all residents. The system needs to recognize the relationship between urban uses and the natural character of the land and drainageways.
- The community has indicated a desire for open space linkages which follow scenic routes and connect parks, schools, playgrounds, shopping areas, other public sites and residential areas.
- The City needs to develop an adequate system of open space, recreation lands and facilities to retain and improve livability of the community.
- In the process of planning for a park and recreation system, it is necessary to classify the individual components such as neighborhood parks and the greenway which will or could comprise the park system. In addition, the establishment of a reasonable acquisition and development program requires a listing of priorities and minimum levels of service to be provided. The actual development of such a system requires relating the provision of facilities and services to the particular needs and recreation desires of the residents to be served.

POLICIES

- 3.5.1 THE CITY SHALL ENCOURAGE PRIVATE ENTERPRISE AND INTERGOVERNMENTAL AGREEMENTS WHICH WILL PROVIDE FOR OPEN SPACE, RECREATION LANDS, FACILITIES, AND PRESERVE NATURAL, SCENIC AND HISTORIC AREAS IN A MANNER CONSISTENT WITH THE AVAILABILITY OF RESOURCES.
- 3.5.2 THE CITY SHALL COORDINATE WITH THE SCHOOL DISTRICTS TO DEVELOP RECREATIONAL FACILITIES.

~~3.5.3 THE CITY HAS DESIGNATED THE 100-YEAR FLOODPLAIN OF FANNO CREEK, ITS TRIBUTARIES, AND THE TUALATIN RIVER AS GREENWAY, WHICH WILL BE THE BACKBONE OF THE OPEN SPACE SYSTEM. WHERE LANDFILL AND/OR DEVELOPMENT ARE ALLOWED WITHIN OR ADJACENT TO THE 100-YEAR FLOODPLAIN, THE CITY SHALL REQUIRE THE CONSIDERATION OF DEDICATION OF SUFFICIENT OPEN LAND AREA FOR GREENWAY ADJOINING AND WITHIN THE FLOODPLAIN.~~

~~3.5.4 THE CITY SHALL PROVIDE AN INTERCONNECTED PEDESTRIAN/BIKEPATH THROUGHOUT THE CITY.~~

~~(Rev. Ord. 98-19; Ord. 87-66; Ord. 84-36)~~

IMPLEMENTATION STRATEGIES

- ~~1. The Tigard Community Development Code shall require land divisions and major developments to set aside, dedicate land, or pay a fee in lieu of land aside based on standards, and the standards shall provide for:
 - ~~a. An area composed of developable lands which may provide active recreation space; and~~
 - ~~b. Adequate passive open space to protect natural resources at the site and protect development from hazard areas.~~~~
- ~~2. The City shall permit land which is set aside within developments to remain in private ownership provided:
 - ~~a. Portions are sufficiently improved and maintained to offer active recreation opportunities;~~
 - ~~b. They do not interfere with the continuity of or access to adjacent greenway lands; and~~
 - ~~c. Easements transferring development rights are dedicated to the public.~~~~
- ~~3. The Tigard Community Development Code shall indicate flexible design options which mitigate the impacts of required open space and recreation land dedication or reservation.~~
- ~~4. The City shall designate natural park areas within a Tigard Master Parks Plan. The areas will have unique physical or aesthetic features and do not have to be developed to be of recreational use to the community. Areas which have special physical features such as natural watercourses, significant vegetation, scenic vistas, and that provide~~

habitat for wildlife, will be considered.

5. ~~Open space and greenways shall be used to enhance the accessibility to schools and parks by establishing a safe and well-marked trail system which will also connect with significant regional trail systems.~~
6. ~~Park classifications and standards shall be adopted and a program developed for acquisition and development of a park and open space system to ensure an adequate supply of usable open space and recreational facilities, directly related to the specific needs of the local residents.~~
7. ~~Streets and drainageways shall be combined with a parkway or greenway concept to permit linkages between open spaces, residential areas, recreation lands and centers of economic activity.~~
8. ~~The City shall continue to seek assistance of volunteer groups to assist in developing and maintaining parks.~~
9. ~~Master plans for each park shall be developed. These plans shall identify facilities for each park and ensure development which promotes safe and aesthetically pleasing environments while minimizing the harmful effects of noise, air pollution, vehicular traffic and other negative aspects of urban life.~~
10. ~~The City shall continue to implement the adopted bike plan by requiring development adjacent to the Greenway to construct their portion of the bikepath system.~~
11. ~~To augment the scenic benefit of the greenway, the City shall establish the major vehicular transportation routes as scenic or visual corridors. The Park Board should plan and initiate a program (through public and private cooperation) for corridor landscape preservation and/or improvement. (Ord. 87-66)~~

3.6 PARK STANDARDS

Findings

- ~~Currently, there are 128.90 acres of City park land in Tigard, 113.98 acres of dedicated greenway, and 1.71 miles of greenway trails.~~
- ~~There are adopted plans for eight of the nine City parks.~~
- ~~Although Scheckla Park has not been accepted by the Park Board, the land was dedicated to the City for park purposes.~~
- ~~Due to recent cut backs in revenues to the City, the City has substantially limited its park maintenance program.~~
- ~~The City's Park System Development Charge is acquired through new development~~

and is used solely for park acquisition, development or major capital acquisition. Park maintenance is paid for through the City's general fund.

POLICIES

3.6.1 ~~INDIVIDUAL PARK SITES, AS DEFINED BY THE PARKS AND OPEN SPACE STANDARDS AND CLASSIFICATION SYSTEM SHALL BE DEVELOPED ACCORDING TO THE FOLLOWING PRIORITIES:~~

~~a. FACILITIES WITHIN A PARK WILL BE ADJUSTED TO MEET THE NEEDS AND DESIRES OF THE PARK SYSTEM DEVELOPMENT CHARGE (SDC) DISTRICT RESIDENTS AND THE CHARACTERISTICS OF THE SITE. PARK AND/OR RECREATIONAL FACILITIES IN GREATEST DEMAND AND LEAST SUPPLY SHOULD RECEIVE THE HIGHEST DEVELOPMENT PRIORITIES.~~

~~b. PARKS SHOULD BE PLANNED TO ENSURE MAXIMUM BENEFIT TO THE GREATEST NUMBER OF LOCAL RESIDENTS. FOR THIS REASON, ACQUISITION AND DEVELOPMENT OF COMMUNITY LEVEL PARKS SHOULD BE GIVEN THE HIGHEST PRIORITY.~~

~~c. DEVELOPMENT OF ADDITIONAL NEIGHBORHOOD PARKS WILL HAVE A LOWER PRIORITY FOR PUBLIC FUNDING AND ARE ENCOURAGED TO BE PROVIDED BY THE PRIVATE SECTOR WITHIN PLANNED UNIT DEVELOPMENTS AND MAINTAINED BY HOMEOWNERS ASSOCIATIONS.~~

~~d. NEW MINI PARKS HAVE THE LOWEST DEVELOPMENT PRIORITY AND SHOULD BE SUPPLIED AT THE DEVELOPER'S OR NEIGHBORHOOD'S EXPENSE AND MAINTAINED BY A NEIGHBORHOOD ASSOCIATION CREATED AS PART OF THE DEVELOPMENT PROCESS.~~

~~e. PROVISION OF REGIONAL PARK FACILITIES WILL ONLY BE CONSIDERED AS AN INTERJURISDICTIONAL PROJECT, AND SHOULD HAVE A LOW PRIORITY UNLESS UNUSUAL CIRCUMSTANCES ARISE.~~

~~f. ACCEPTANCE OF ANY LAND DEDICATED FOR PARK~~

~~PURPOSES SHALL BE BASED UPON ITS USEFULNESS AND ADAPTABILITY TO THE ADOPTED PARK AND OPEN SPACE SYSTEM.~~

~~3.6.2 THE CITY SHALL COORDINATE WITH OTHER PUBLIC, PRIVATE ORGANIZATIONS AND AFFECTED PRIVATE PROPERTY OWNERS IN ORDER TO FACILITATE THE IMPLEMENTATION OF THE CITY'S ADOPTED PARK PLANS.~~

IMPLEMENTATION STRATEGIES

- ~~1. The City shall continue to seek revenue sources to facilitate in the implementation of the adopted park plans. The adopted park plans are: Fanno Creek Park, Cook Park, Woodard Park, Jack Park, Summerlake Park, Englewood Park, Liberty Park and Ye Old Windmill Park.~~
- ~~2. The City shall develop a "future park needs assessment" to determine the number of acres needed for future park uses. The current park standards shall be used as a basis for this assessment. The future park needs assessment will specifically address community park needs.~~
- ~~3. As a precondition to development, the City's Community Development Code shall require the dedication of the greenway and park land, if not already dedicated.~~
- ~~4. The City shall continue to implement the adopted pedestrian/bikepath pathway plans.~~