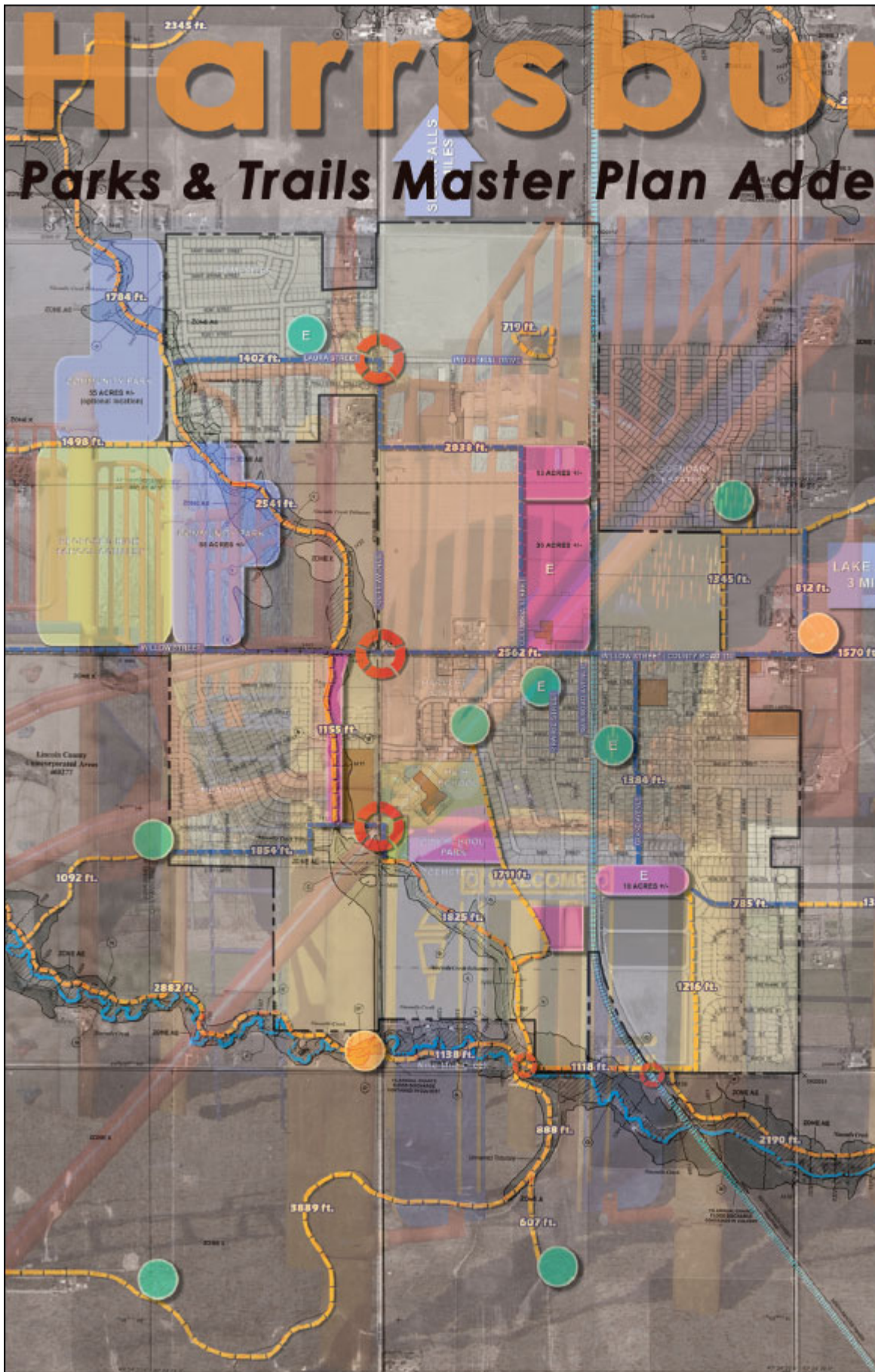


Parks & Trails Master Plan Addendum



Summer 2007



Concept Development
Scale: 1"=750'

Updated Recommendation
SUMMER 2007



Howard R. Green Company

Table of Contents

1	<i>Table of Contents</i>
2	<i>Introduction</i>
3	<i>Recommendations</i>
5	Existing/Proposed Regional Parks
8	Existing/Proposed Community Parks
12	Existing/Proposed Neighborhood Parks
18	Trails and Greenbelts
19	Critical Crossings
21	<i>Implementation</i>
27	<i>Range of Costs for Park Components</i>



Introduction

As the Tuesday sun began to set, we witnessed a community at play. Mother's and friends were taking their toddlers for an evening walk. Grandfathers and their grandchildren were fishing from a sun-kissed dock. Friends were joining up for a bike ride around the lake. Parents, children, and neighbors were coming together on front porches, back patios, downtown street corners, and at tee-ball practice to catch up on the events of the day. These were the first glimpses of how a community recreates.

Upon a closer look, we noticed that those taking their evening strolls were walking single file along the highway, were taking their chances in the middle of the street, or hoping to find a sidewalk route that would afford them a leisurely stroll. The people that were fishing were crowded onto a lone dock and were parked in a cramped parking lot because there was no path leading to the lake. Many of the children coming together to play, were doing so in church and school parking lots because there weren't any parks or playgrounds in their neighborhood. And once there, they waited patiently for a turn on the play equipment, because it was the only 'cool' play structure in town.

That was the scene three years ago when we first inventoried the parks and recreational opportunities in Harrisburg. The community has grown a lot since then, and continues to grow at an alarming rate. A number of noticeable improvements have occurred within the existing parks. Most notably are the new play structure and benches at Ellis Larson Park. The park has been transformed in a short time. However, the City realizes that these improvements are only the beginning. Thusly, they hired Howard R. Green Company (HRG) to work with residents of the Homesites Neighborhood, the City of Harrisburg, and the larger community in 2006, to generate a Master Plan for the Homesites Neighborhood Park. As the Park Board strives to begin implementing this plan, the City is again looking to the future. Early in 2007, Harrisburg contracted HRG to follow up the 2004 Master Plan Report with an Addendum that will take a closer look at the recreational needs of the City and provide a clear plan for future park and trail development as the City continues to expand.



Recommendations

It should be noted that the NRPA Guidelines for Parks and Open Spaces were followed in this report's preparation as in the Park and Trails Master Plan completed in 2004. The main difference between the original plan and this addendum is in the number and location of proposed parks and trails. Whereas the 2004 Master Plan sought to provide the City of Harrisburg with a Parks and Trails System that would provide amenities for the entire community, this Addendum seeks to expand the level of service so that developers can plan-in these recreational opportunities. This also gives the City a mechanism to determine which lands to secure for public domain as future development occurs.

Key components of the guidelines that were used to set up the criteria for Harrisburg's future park development were:

- Setting up a classification of park types within a community
- Minimum requirement of at least 10 acres of parks and open space per 1000 people- as a baseline only
- Providing parks and open spaces in locations so that the service radii for each type of park would accommodate and provide for the entire community
- Parks Board and City involvement with plan development
- Recommendation that all park development includes the neighborhoods and community in the planning process to determine amenities, size, location, etc.

The graphic on the following page highlights the level of service (both parks and trails) that is being recommended. It takes into consideration the plan prepared in 2004, as well as development having occurred within the past three years. Additionally, this graphic shows parks and trails that are being planned as part of expected future growth so that developers and the City are aware of planned recreational intentions.



Concept Development
Scale: 1"=1000'

Asas: 970-800



Updated Recommendation
SUMMER 2007

Hierarchy of Harrisburg's Parks, Trails and Open Spaces

In order to plan for future parks and open spaces in Harrisburg, it was first necessary to determine what types of parks/open spaces should be incorporated into the Amended Master Plan. In keeping with the ideas that came out of the public meetings held in 2004: Balance, Variety, Appropriateness, and Flexibility, this plan recommends a system of three (3) basic types of park spaces. The following is a brief description of each of these spaces.

Regional Parks

Regional Parks are the largest of the parks described and recommended in this report. Ideally, they should act as destinations fulfilling the needs of the community, drawing neighboring communities, and include infrastructure to support their designated use. Regional Parks are recommended to fulfill one of the following niches in the community:

- A larger park of over 21 acres in size
- A park of a smaller size that provides a regional pull, such as providing an amenity that is not available in the surrounding communities

Regional Parks provide a service area of approximately 1-2 miles in radius. It is recommended that regional parks serve several neighborhoods and/or communities. Amenities that would be appropriately sited within a regional park may include:

- Natural features such as lakes, streams, or other large water bodies
- Interpretive signage and development
- Swimming pools, water slides, or other treated water recreation
- Access to hike/bike trails over 5 miles in length
- Areas of diverse environmental flora/fauna
- Athletic complexes, sports fields, indoor recreation facilities
- Parking, infrastructure, restroom facilities, and other service type features
- Preferably pedestrian or bicycle access and/or linkage to multiple communities/neighborhoods. Vehicular access at a minimum
- Areas that provide recreational opportunities in all seasons

This plan for Harrisburg's Parks and Trails system recommends utilizing nearby Regional Parks to fulfill the large park needs of the community as much as possible. Due to the proximity of two rather large parks and park systems, Harrisburg could benefit from amenities that these parks provide.

Lake Alvin State Park

With the lake as the main focus, and plenty of potential for trails, additional fishing docks, viewing areas, and interpretive signage; Lake Alvin has the potential to be an incredible regional resource not only for Harrisburg, but for other surrounding communities. Due to this park's proximity (3-4 miles east of Harrisburg) it provides an excellent opportunity for swimming, fishing, interpretation, education, and a variety of other recreational activities. At 59-acres, and with the aforementioned amenities, Lake Alvin meets the criteria for a Regional Park.

While Lake Alvin provides excellent opportunities for recreation, there are more needs that should be met in order to successfully connect the community to the park. First, it is recommended that a pedestrian/bicycle connection be created to allow members of the community to safely reach Lake Alvin. The most logical connection would be a trail

along County Road 110 or Ninemile Creek. Second, it is recommended that additional trails be planned and implemented around at least one side of the lake to allow users to fully experience all that the lake has to offer. For more information on the recommended trail connection, refer to the section on Trails later in this report. Upon successful introduction of a circulation system to and through Lake Alvin State Park, it is recommended that the community look at working with the Parks Staff at Lake Alvin to implement additional projects around the lake, such as a system of directional and interpretive signage, small seating areas including trash cans, benches, bike racks, etc. Also the creation of additional fishing areas may be needed as use of the lake increases. Finally, it is recommended that all plans and concepts be discussed fully with the Park's staff, South Dakota DNR, County Engineering Staff, and any additional agencies that may be involved, so that all concerned parties are working together to arrive at a solution that will meet everyone's needs.

Sioux Falls, South Dakota

Unconventional though it may seem, Sioux Falls offers a wealth of recreational opportunities for the citizens of Harrisburg. Since the city is a mere 2 ½ miles north of Harrisburg, the parks and trails system of Sioux Falls is within a reasonable distance for use by the community. Sioux Falls's trail system consists of approximately 20 miles of trail, connecting visitors to parks and attractions such as Falls Park, Great Bear Recreation Park, and the Great Plains Zoo. Due to the proximity of this community and its recreational resources to Harrisburg, the City of Sioux Falls is recommended as a second Regional Park.

The key to utilizing Sioux Falls as a Regional Park resource is providing a safe connection from Harrisburg to Sioux Falls. In order for the community of Harrisburg to take advantage of the resources in Sioux Falls; and in order for the citizens of Sioux Falls to experience the more 'small town' and rural characteristics of Harrisburg, it is recommended that Harrisburg plan and implement a pedestrian/bicycle connection to Sioux Falls. This trail connection could be implemented along drainage ways through and northwest of the Homesites Neighborhood until it can be connected with the planned southern extension of the Sioux Falls Trails System. A second connection point would be planned through the northeast side of Harrisburg.

A secondary layer to the physical connection between Harrisburg and Sioux Falls is to include directional and potentially interpretive signage as part of the trail system. It is recommended that trail users be informed of distances and sites that are available both in Sioux Falls, and in Harrisburg in order to promote both communities and use the trail connection as a tourism-enhancing resource. For more information on the recommended trail connection, please refer to the section on Trails later in this report.

As with all recommendations contained in this report, plans and concepts should be discussed with the City of Sioux Falls, South Dakota DNR, South Dakota D.O.T., County Engineering Staff, and other involved agencies so that all concerned parties are working together to arrive at a solution that will meet everyone's needs.

Proposed Community of Harrisburg Park - 55 Acres +/-

The third and final Regional Park being recommended is the "Harrisburg Community Park". It is recommended that Harrisburg locate the park close to the city so that at least one of the city's Regional Park resources is within walking distance to a majority of the community. The site recommended by this Amended Master Plan is west of town, just

north of Willow Street and just east of the location of the planned new High School Complex. Locating the park adjacent to the future high school site allows for shared resources, such as sports fields and restrooms.

This location is approximate for planning purposes only. As additional property is annexed into the city limits, or as property becomes available in or outside of the city limits, the location of this proposed park may be adjusted. This location is recommended due to the other Regional Park resources being located north and east of the community. Also, its location is partially due to new housing development on the west side of Cliff Avenue, and the new High School that is planned adjacent to this proposed "Community Park" location. Locating a Regional Park in this area of town balances out a 'triangle' of sorts for the Regional Park Resources for Harrisburg.

An alternate location for this Regional Park is also shown on the Amended Master Plan Graphic which shows a location north of the planned High School Complex and west of the Homesites Neighborhood. This location provides an alternative opportunity for the City in case the first option falls through. Many of the same benefits apply to this location; it just wouldn't be as easily accessible as if it were located along Willow Street.

Due to the flourishing trend of organized sports both in Harrisburg, and its potential proximity to the future high school, it is recommended that this Regional Park take on an organized sports base as its main component. A combination of regulation soccer and softball/baseball fields along with concession and restroom facilities could anchor the park. In addition, it is recommended that a community pool or aquatic facility be included for outdoor aquatic opportunities. Additional facilities that should be considered would include links to the community trail system and picnic areas and shelters that would accommodate small gatherings as well as family reunions and larger community events.

As secondary recreational resources, it is recommended that trail connections tie this proposed park to the community so that safe access is provided. It is also recommended that smaller areas be offered throughout the 55 acres to allow for viewing, picnics, and play areas in conjunction with the organized sports. Infrastructure, utility connections, parking, and directional signage are all components that should be implemented with the planning of this proposed park.

As is the case with all of the parks proposed in this plan, it is strongly recommended that the planning be done through a partnership of City Staff and Community Members so that the needs of the community are addressed, and the proposed park supplies the opportunities that the community desires. In addition, the park must be planned so that it can be maintained efficiently either by the City or a partnership of public and private entities.



Community Parks

Community parks are recommended to provide parks/open spaces that are between 5-20 acres in size.

Community Parks provide a service area of approximately 1/2 mile in radius. It is recommended that community parks serve several neighborhoods within one community. Amenities that would be appropriately sited within a community park may include:

- Areas for organized or structured recreational activities such as baseball/softball, soccer, football, tennis or combinations of several of the aforementioned activities
- Areas for enjoyment, interpretation, and appreciation of nature such as greenbelts, picnic areas, bird-watching areas, native plant restoration, etc.
- Areas that are easily accessible to the entire community
- Areas that may be developed in conjunction with community school development
- Areas that may include play equipment for a variety of age/use groups within one park
- Areas that may include an indoor community recreation facility and parking/infrastructure that would support it
- Areas that provide recreational opportunities in all seasons

This Amended Master Plan for the Parks and Trails in Harrisburg recommends the incorporation of a total of four (4) Community Parks within the city limits and one (1) Community Park northeast of Harrisburg. It is recommended that these parks be planned with input from the community, School District, and other involved parties, and implemented as the community grows and new land becomes available. The plan recommends utilizing existing Community Parks to fulfill the needs of the community as much as possible. The following is a description of existing and proposed community parks within the city of Harrisburg.

Elementary/Middle School Complex

The approximate size and current recreational uses of the playground and ball fields north and east of the Elementary/Middle School Complex meet the requirements for designation as a Community Park in Harrisburg.

It is recommended that the City of Harrisburg work with the School District and community to plan for and implement repairs and maintenance to older equipment and structures that reside in this park. It is also recommended that wherever possible, and as funding resources present themselves, the City work with the School District and community to provide ADAAG access to all fields, play areas, equipment, and seating areas. Finally, it is recommended that trail alignments be planned to connect this Community Park to other neighborhoods, Neighborhood Parks, and other areas of town. For more information on proposed trail alignments, please refer to the Trails section later in this report.

Community Park Near Water Tower, North of Elem./Middle School

Due to the proximity of this proposed park to both the Middle/Elementary School as well as the community's water tower, this site was chosen as a potential future Community Park. This Amended Master Plan recommends the city consider additional

softball/baseball fields on this park site. Development of additional sports fields would alleviate pressure on existing fields by Little Leagues and Middle and High School Teams. Its location would also provide a spot close to existing facilities. The icon created by the water tower would provide this site with an excellent landmark for out-of-townners.

It is recommended that the City work with existing property owners, Industrial Park Property owners, the Middle/Elementary School, as well as other members of the community to identify specific amenities to include in this park. Amenities and activities suitable for this park may include:

- Softball/baseball fields or soccer fields
- Pre-fabricated play structure
- Infrastructure to support increased community use, i.e. parking lot, access drive, lighting, maintenance, storage, etc.
- Sand play areas
- Small areas for picnics, gazebos/shelters, etc.

It is recommended that trail alignments be planned to connect this Community Park to other parks within Harrisburg. For more information on proposed trail alignments, please refer to the Trails section later in this report.

Southeast Community Park #1

The rectangular plot of land, located on the north side of the wastewater treatment lagoons is already being used for passive recreation and therefore would make a suitable location as a second Community Park. A small wooden walking bridge extends over the wetland and stones having been placed on a small hill to form an informal viewing/sitting area. Because of its size, this area could be made into a Community Park. The native habitat currently residing in the area makes this an excellent candidate for more passive recreation resource. It is recommended that the following recreational uses be included in the planning of this proposed Community Park.

- Native prairie and wetland education, interpretation, and appreciation
- Bird-watching and appreciation of other native species
- Walking path
- Seating/viewing areas
- Directional, information, and interpretive signage
- Small playground on east side to serve the Greyhawk Addition

Southeast Community Park #2

The site of the old sewage lagoons is already owned by the City, allowing for development of a Community Park without having to purchase additional property or wait for property to become available. With this site's location across town from the softball/baseball fields at the Middle School Complex and its proximity to the aforementioned environmentally-oriented Community Park, this park could provide amenities to compliment the more passive use park east of the railroad. The two could work in conjunction to offer community members different recreational alternatives.

It is recommended that the following amenities and uses be considered for inclusion in the development of this park.

- Vehicle parking
- Softball fields and accompanying facilities
- Play structure(s)- with a focus on toddlers and children
- Larger picnic/gazebo structure for event rental
- Trailhead access, and information for trails connecting into park

Providing these two parks in such close proximity allows multiple park uses within one recreational area, thus serving a variety of the needs of the neighbors and residents on this side of town. Providing both types of park uses will also help to introduce new park experiences to those who come to these Community Parks.

Southwest Community Park #1

The area southeast of the High School Complex and east of the Cemetery provides the City with an opportunity to develop a Community Park in conjunction with the School District. Establishment of a Community Park in this area will provide connections to the current High School grounds and will serve as an amenity for surrounding neighborhoods. It is recommended that the following amenities and uses be considered for inclusion in development of this park.

- Play structure(s)- with a focus on toddlers and children
- Small Picnic/gazebo structure for picnics and school lunch and learns, making it into an outdoor classroom area.
- Open area for soccer fields, softball/baseball field layout.
- Multi-use courts (basketball, tennis, etc...)
- Trailhead access, parking, and information for trails connecting into park

Providing this park will help alleviate the competition for soccer and baseball/softball practice fields. The amenities will provide additional opportunities for the school that can also be easily accessed by children who want to play after school and on weekends.

Westside Community Greenbelt Park

The fourth Community Park recommended by this Amendment to the Master Plan is to provide recreational opportunities, on a larger scale, for the residents on the west side of Cliff Avenue. In order to provide a different type of recreational experience than what has been described in the aforementioned Community Parks, it is recommended that this Community Park take on a linear park form. A Greenbelt is a linear park space, usually running adjacent and/or parallel to a recreational trail. It is recommended that a recreational trail and greenbelt park be planned and implemented along the existing drainage way west of Cliff Avenue south from Willow Street along the east edge of the Green Meadows development. This linear park would provide a safe path for children and adults to walk or bike within close proximity to home, while also providing the mechanism for a future trail connection that would extend north along the Homesites Housing Development and south to connect into a larger Ninemile Creek Trail System.

The culvert at Willow Street appears to allow enough clearance that the greenbelt trail could pass underneath, rather than the City having to provide a signalized at-grade crossing. A separate culvert or bridge would need to be constructed to accommodate the trail; however, this underpass will need further research to determine its feasibility.

It is recommended that the following recreational uses be included in the planning of this proposed Community Park.

- 10' wide, paved, recreational trail
- Small seating, resting, and interpretive 'nodes' or enlarged areas along the trail
- Directional, Distance, and Interpretive Signage
- Approximately 20'-50' easement of land to allow for a variety of landscape experiences, as well as to screen from possible future development on either side of the greenbelt.

It is recommended that the City of Harrisburg work with the community, School District, County, D.O.T., and any other interested parties to ensure that this greenbelt is planned and implemented according to city, state, county, and federal guidelines and regulations.

Northeast Community Park #1

The final Community Park recommended as part of the Amended Master Plan would be located northeast of the present Harrisburg city limits. As development occurs on this side of town, particularly with the Legendary Estates Housing Development, a need will arise for recreational opportunities to fill these needs. By establishing a Community Park northeast of town and along the trail loop, Harrisburg will be able to provide the following opportunities:

- Play structure(s)- with a focus on 8-15 years of age
- A mixture of smaller and larger picnic/gazebo structures for event rental
- Directional, distance, and interpretive signage
- Trailhead access, parking, and information for trails connecting into park
- Native prairie and wetland education, interpretation, and appreciation
- Bird-watching and appreciation of other native species
- Walking path



Neighborhood Parks

Neighborhood parks are recommended to provide parks/open spaces that are less than 5 acres in size. Neighborhood Parks provide a service area of approximately 1/4 mile in radius. It is recommended that neighborhood parks serve 1 to 2 neighborhoods within one community.

At the time of this Amended Master Plan, Harrisburg is considering implementing an open space policy requiring developers to dedicate land for parks and other public needs. As a result, the City hopes to cluster some of this dedicated land in the middle of residentially planned areas to serve as neighborhood parks. These areas may be greater than 5 acres in size and serve more than a 1/4 mile in radius.

Amenities that would be appropriately sited within a neighborhood park may include

- Specific amenities that serve a concentrated area of the community
- Amenities may be repeated in several neighborhood parks so that residents do not have to cross town to get to a specific recreational opportunity
- Small areas of water play such as wading pools or spray parks
- Specialized areas of play/recreation equipment such as skate parks, ice skating rinks, trail head parks, or sand play
- Areas for appreciation/interpretation of nature on a small scale such as perennial gardens, community gardens, butterfly gardens, water gardens, bird/wildlife watching, etc.
- Areas for specific events such as band shells, amphitheaters, stage and seating areas, and picnics/barbeques, rental facilities, lodge, etc.
- Areas that include suitable and appropriate play equipment for ages of children being served
- Playgrounds/hard surfaced areas for both organized and impromptu court play
- Dog parks or dog walking paths
- Areas that act as a park-like entryway or gateway into a neighborhood or community access point
- Areas for passive recreation such as frisbee golf or tai chi
- Areas that provide recreational opportunities in all seasons

This Amended Master Plan for the Parks and Trails in Harrisburg recommends the incorporation of a total of fourteen (14) Neighborhood Parks. It is recommended that these parks be planned with input from the community, School District, and other involved parties, and implemented as the community grows and new land becomes available. The plan also recommends utilizing existing parks to fulfill the needs of the community as much as possible. Currently, there are two (2) existing parks that meet the aforementioned guidelines for a neighborhood park. Plans have been completed for a third park (Homesites) that would also meet the criteria of a Neighborhood Park. The following is a description of existing and proposed community parks within the city of Harrisburg.

Ellis Larson Youth Park

The approximate size and current recreational uses of the Ellis Larson Youth Park and Library site meet the requirements for designation as a Neighborhood Park on the southeast side of Harrisburg.

The City of Harrisburg has recently upgraded many of the play structures in this park as well as the amenities such as site furniture and litter receptacles. It is the recommendation of this report that the City continues to monitor and plan for replacement, repairs and maintenance of the equipment and structures. It is also recommended that trail alignments be planned to connect this Neighborhood Park to other Neighborhood Parks and Community Parks. For more information on proposed trail alignments, please refer to the Trails section later in this report.

Several options for new types of play equipment and/or play areas present themselves as suitable for this park. Due to its proximity to the Library, and the younger age of children that use the park, the following is a list of potential types of recreational activities that could be implemented in Ellis Larson Park.

- Small wading pool, or small zero depth spray park area
- Area for ice-skating and other winter activities
- Partially or completely enclosed existing shelter for use as arts and crafts area, day-camp type activities, or small changing room for proposed wading pool/spray park in the warmer months; and a warming shelter in the colder months.
- Small designated parking area located on the south side of the park property, to allow for vehicular access during the colder months, or for community members who are from other parts of town.
- Bike racks for bike parking

Hugh Robinson Park

The approximate size and current recreational uses of Hugh Robinson Park meet the requirements for designation as a Neighborhood Park on the eastern central area of Harrisburg.

The City has had some discussion on expanding the City Hall at this location and adding an indoor recreational facility at the site. The City should make a determination on the future of Hugh Robinson Park prior to the implementation of major improvements. If the area is to remain a park, it is recommended that the City of Harrisburg work with the community to implement replacement, repairs and maintenance of older and outdated equipment and structures that reside in this park. This joint task force of City and community participants should work together to identify new types of play equipment that is in-line with current recreational trends and also age-appropriate for the children who frequent this park. At a minimum, it is recommended that a new play structure, similar to the structure at Ellis Larson Youth Park, be planned for this park, as well as replacements for equipment that has been identified in the inventory section of this report as being in fair or poor condition. It is also recommended that wherever possible, and as funding resources present themselves, the City work with the community to provide ADAAG access to play areas, equipment, and seating areas. Finally, it is recommended that trail alignments be planned to connect this Neighborhood Park to other Neighborhood Parks and Community Parks. For more information on proposed trail alignments, please refer to the Trails section later in this report.

Several options for new types of play equipment and/or play areas present themselves as suitable for this park. Due to the central location of the park within the city and the variety of ages of children and youth that use the park, it is recommended that a variety of activities be planned within the park; the following is a list of potential types of recreational activities that could be implemented in Hugh Robinson Park.

- Pre-fabricated play structure that combines several different age-appropriate activities and components to satisfy the needs of various ages of park users. These structures should include a plan for safety surface and ADAAG accessibility.
- New park shelter with areas for potential arts/crafts activities, day camp, and boy scout/girl scout activities, etc...
- Benches, gathering areas, or other sitting, visiting, and viewing areas for parents watching small children, children meeting other children to play, or teens gathering for social interaction.
- ADAAG accessible path to and through the park
- Bike racks for bike parking

Neighborhood Park Near Elm Street and Emmett Trail

Due to this area's proximity to Hugh Robinson Park it is recommended that this park be developed over time as the City decides how it wishes to move forward with plans for a new City Hall and/or Indoor Recreation Facility. This particular park could accommodate some of the amenities currently located within Hugh Robinson Park. It would also be an ideal spot for the following:

- Seating areas- both shaded and open
- Pre-fabricated play structure that combines several different age-appropriate activities and components to satisfy the needs of various ages of park users. These structures should include a plan for safety surface and ADAAG accessibility.
- Walking/biking paths
- Perennial and annual gardens
- Overstory and flowering trees
- Informational and interpretive signage and/or sculpture
- Trailhead access and information for trails connecting into the community trail system.

It is recommended that trail alignments be planned to connect this Neighborhood Park to the High School, Harvest Acres Housing Development, and other Community and Neighborhood Parks. For more information on proposed trail alignments, please refer to the Trails section later in this report.

Neighborhood Park in Homesites Development

Since completion of the 2004 Master Plan, the City of Harrisburg met with citizens of Harrisburg, particularly with members of the Homesites Neighborhood, to come up with a master plan for this park site. The Parks Board is currently working toward implementing this master plan in stages. Amenities and activities that are included in Homesites Park Master Plan are:

- Splash Pads with a variety of fountains, water cannons, shoots, bubblers, etc.
- Sand and zero depth water play areas
- Pre-fabricated play structure that combines several different age-appropriate activities and components to satisfy the needs of various ages of park users. These structures should include a plan for safety surface and ADAAG accessibility.
- Unique seating and viewing areas such as terraced lawns or hard surfaced areas- to support both supervision of children, as well as occasional small outdoor performances etc.

- Basketball court
- Small areas for picnics, gazebos/shelters, etc.
- Open areas of flat or rolling topography for impromptu group activities and 'pickup' games
- Perennial and annual gardens
- Overstory and flowering trees

It is recommended that trail alignments be planned to connect this Neighborhood Park to other Neighborhood Parks and Community Parks in the area. For more information on proposed trail alignments, please refer to the Trails section later in this report.

Southwest Neighborhood Park just west of Green Meadows

With no parks currently located in the Green Meadows Housing Development, this site becomes an ideal location for incorporation of a Neighborhood Park. This location has the potential to fulfill several recreational needs within the existing and future neighborhoods. Amenities that would enhance this part of Harrisburg and that may be included in this park include:

- Pre-fabricated play structure that combines several different age-appropriate activities and components to satisfy the needs of various ages of park users. These structures should include a plan for safety surface and ADAAG accessibility.
- Small areas for picnics, gazebos/shelters, etc...
- Multi-purpose court (Basketball, tennis, etc....)
- Bike racks for bike parking
- Walking/biking paths
- Overstory and flowering trees
- Trailhead access and information for trails connecting into the community trail system.

It is recommended that trail alignments be planned to connect this Neighborhood Park to the Ninemile Creek Trail System, and other parks in the community. For more information on proposed trail alignments, please refer to the Trails section later in this report.

Northeast Neighborhood Park on southeast side of Legendary Estates

With development of Legendary Estates just getting underway it is an opportune time for the City to begin looking at potential sites to develop a Neighborhood Park on the east side of town. A park in this location has the potential to fulfill several recreational needs within the future neighborhood development. Amenities that would enhance this part of Harrisburg and that may be included in this park include:

- Pre-fabricated play structure that combines several different age-appropriate activities and components to satisfy the needs of various ages of park users. These structures should include a plan for safety surface and ADAAG accessibility.
- Small areas for picnics, gazebos/shelters, etc...
- Multi-purpose court (basketball, tennis, etc....)
- Bike racks for bike parking
- Walking/biking paths
- Trailhead access and information for trails connecting into the community trail system.

It is recommended that trail alignments be planned to connect this Neighborhood Park to Ninemile Creek, other Neighborhood Parks and Community Parks in the community. For more information on proposed trail alignments, please refer to the Trails section later in this report.

Neighborhood Parks Along Trail, Natural Water Features, and within Planned Future Developments (8) – (NW of 272nd St. & Minnesota Ave.), (NW of 274th St. & Minnesota Ave.), (SE of 274th St. and 476th Ave.), (NW of Willow St. & Minnesota Ave.), (SW of 274th St. & Minnesota Ave.), (SW of 274th St. and Cliff Ave.), (SE of 274th St. & Cliff Ave.), (SE of Willow St. & 476th Ave.)

It is recommended that planning for the components and amenities in these parks wait until further indication of development in the surrounding areas becomes known. Due to probable expansion of the community, as well as the lack of parks and open spaces in the outlying areas of the community; these locations have the potential to fulfill several recreational needs for future neighborhoods. They are not adjacent to major roads and access could be somewhat limited and protected. It is therefore recommended that the City work with the community, developers, and residents of future housing developments to identify specialized park activities that could take place here that may flourish in a more protected environment, or an environment where residents of adjacent neighborhoods take more ownership and responsibility for the upkeep and maintenance of these Neighborhood Parks. Amenities and activities suitable for these types of parks may include:

- Neighborhood gardens
- Neighborhood maintained rose gardens
- Dog parks
- Pre-fabricated play structure that combines several different age-appropriate activities and components to satisfy the needs of various ages of park users. These structures should include a plan for safety surface and ADAAG accessibility.
- Unique seating and viewing areas such as terraced lawns or hard surfaced areas-to support both supervision of children, as well as occasional small outdoor performances etc.
- Specialized/or custom play structure/or structures
- Basketball court
- Tennis court
- Baseball/softball field
- Soccer field
- Small areas for picnics, gazebos/shelters, etc.
- Open areas of flat or rolling topography for impromptu group activities and 'pickup' games
- Perennial and annual gardens
- Overstory and flowering trees
- Areas for group or individual meditative-type activities: yoga, tai chi, reflecting pond or water feature, etc.
- Bird-watching, participation in and appreciation for nature
- Small group field sports such as horseshoes, bocce ball, etc.

It is recommended that trail alignments be planned to connect this Neighborhood Park to other parks in the area. For more information on proposed trail alignments, please refer to the Trails section later in this report.

Trailhead Parks (6)

Trailhead Parks are specialized Neighborhood Parks which service areas approximately 1/4 mile in radius. Since Trailhead Parks are specialized parks they need to provide recreational opportunities for surrounding neighborhoods while also providing amenities for trail users.

It is recommended that small trailhead-type parks be located in select locations throughout the community (along Ninemile Creek and through connections to the Sioux Falls Trail System) to support increased use of the trail system. As trails are constructed within Harrisburg to connect the different neighborhoods with community resources, a need will arise for directional/distance signage, parking, and seating/resting areas. Additionally, the potential of tourists coming to Harrisburg and using these trail connections will provide excellent opportunities to promote downtown Harrisburg businesses. Attractions such as ice cream parlors, bar and grill establishments, antiques, specialty shops, and hotels or bed and breakfast facilities could be within a few blocks of this type of Trailhead Park. A partnership of the recreational activities and tourism activities has the potential to boost the economy, atmosphere, and image of Harrisburg. Amenities that would be suitable for these trailhead/parks may include:

- Bicycle and vehicle parking
- Small areas for picnics, gazebos/shelters, etc...
- Pre-fabricated play structure that combines several different age-appropriate activities and components to satisfy the needs of various ages of park users. These structures should include a plan for safety surface and ADAAG accessibility.
- Directional, distance and interpretive signage(both for trail and downtown Harrisburg)
- Seating areas
- Trash collection
- Water fountains
- Restroom facilities
- Open fields/space for events, bike rides, fun runs, organized activities, etc.

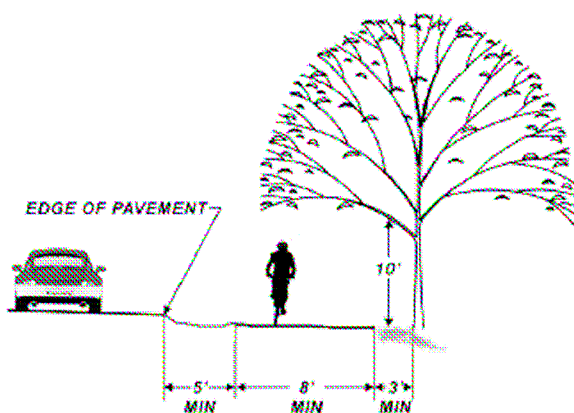


Trails and Greenbelts

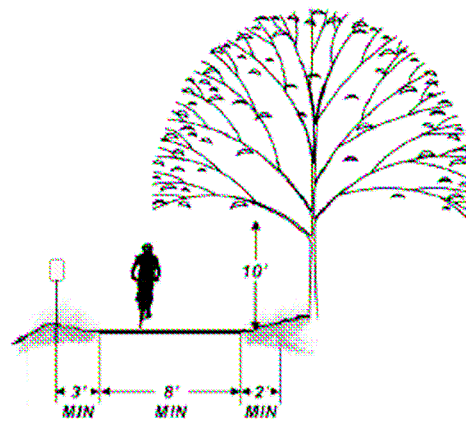
Trails and greenbelts are recommended to provide safe and efficient routes connecting recreational areas within a community, as well as linking a single community to the recreational resources beyond its city limits. For the purposes of this Amended Master Plan, there is no set length of trail required for the City of Harrisburg. It is recommended that trails be implemented to allow the aforementioned connections to occur and encourage an increase in the use of both new and existing parks. There are three (3) types of recreational trails shown on the Amended Master Plan Graphic:

- Off-street trails (widened sidewalks) (minimum 8' trail width) (indicated in blue on the updated graphic)
- Off-street trail running through a greenway, parkway, or some other unpaved area (minimum 8' trail width with 2' shoulders on either side) (indicated in gold on the updated graphic)
- Proposed Sioux Falls Trail System (indicated in red on the updated graphic)

The images show the recommended cross-sections for each of these types of trails. It is recommended for all trail development, that the community work with whichever governmental agency oversees the roadway where the proposed trail goes, i.e. a joint planning effort with the Lincoln County Engineer, South Dakota D.O.T., City of Sioux Falls, State Park, etc. It is also recommended that proposed trail development adhere to AASHTO guidelines for trail development whenever possible.



Off-street trail (widened sidewalk)



Off-street trail (greenbelt)

Trails and greenbelts can serve as many neighborhoods and communities as they can connect. It is recommended that trails connect each park to at least one other park within the city limits of Harrisburg. It is also recommended that planning for new or expanded roadways within the community include incorporation of 8-10' recreational trails (widened sidewalk) on either side of the roadway as indicated on the Amended Master Plan Graphic. If appropriate R.O.W. can be established at the early stages of roadway development, it will make the incorporation of recreational trails and their connective nature easier to implement. It is also recommended that street crossing designs take trail crossing into account as roadways are planned and developed. Even if traffic counts do not warrant a stoplight or stop sign at the time of implementation, if there is to be a major trail or pedestrian crossing at that intersection, it would be wise for

the City to plan accordingly. Critical crossing intersections are shown on the graphic for the Amended Master Plan and are discussed later in this report.

Amenities that would be appropriately sited along a trail or greenbelt may include:

- Hard surfaced, paved trails
- Directional, distance, and interpretive signage
- Trail head parking and access
- Visual and physical separation from highly-used vehicular paths
- Benches, litter receptacles, bike racks, or other appropriate trail site furnishings

As with the nature of this entire plan, these locations are meant to be a guide only and can be adjusted as needed or as development dictates. The length of each trail segment has been shown on the Amended Master Plan Graphic to assist with planning.

Critical Crossings

Due to different user groups coming into direct contact with each other, there are several areas designated by this Amended Master Plan as critical crossings. The definition of a critical crossing is an intersection of two or more different types of transportation uses. For example: an area where a heavily trafficked roadway intersects an existing or proposed recreational trail would be considered a critical crossing. While careful planning should be undertaken to limit the amount of critical crossings in the community, there will be areas where they are unavoidable. Wherever possible, measures should be taken to ensure the safe transport of all users. Stop lights, stop signs, and bike crossing signs should be posted to alert drivers and trail users of other vehicles in the area. Pavement markings, informational signage, even plantings can be used to alert drivers to the potential for trail users in the area. Vision triangles should follow state and federal regulations for visual clearance to allow trail users and motorists to clearly see oncoming traffic. The following are a list of potential critical crossing areas arising from development of the park and trail recommendations.

- Intersection of Cliff Avenue & Laura Street/ Industrial Drive:
Due to the need for adults and children in the Homesites Development to have safe access to the Elementary/Middle School Complex and other features in the central and eastern part of Harrisburg; as well as the potential for an increase in the development of the Industrial Park, this intersection could become a major crossing point in the community. As Cliff Avenue develops and plans are implemented to increase the cross-section of the road, it is recommended that a pedestrian activated crossing feature or other safe crossing feature be studied for inclusion into the roadway expansion. This would allow for safe access by pedestrians and trail users at this critical intersection.
- Intersection of Cliff Avenue & Willow Street:
These are two of the major thoroughfares through Harrisburg. It is a natural assumption that as the community grows, this intersection will become more highly trafficked. The addition of a trail crossing at this intersection elevates the potential for conflict. It is recommended that as plans for Cliff Avenue and Willow Street develop, a suitable pedestrian/trail crossing feature be studied for inclusion into the roadway expansion.

- Intersection of Cliff Avenue & Honeysuckle Drive near the Cemetery:
With the development of Green Meadows and an increase in the students attending Harrisburg High School, the intersection of these two streets will become more of a critical crossing as time passes and development continues. With the trail segments recommended by this Amended Master Plan, the crossing becomes even more complicated. It is recommended that the City explore safe crossing options for Cliff Avenue in conjunction with any plans to expand the roadway.

- Intersection of 274th Street with Ninemile Creek:
With the implementation of a trail system that runs parallel to Ninemile Creek, connecting the west side of the community to the east side, a crossing of Ninemile Creek will be necessary. This Amendment to the Master Plan recommends providing a crossing where 274th Street currently crosses the creek. It is recommended that Harrisburg explore safe crossing options with any plans to expand the roadway or modify the existing road/creek crossing.

- Intersection of Minnesota Avenue with Proposed Recreational Trail:
As future neighborhoods develop to the west of Cliff Avenue, and as additional trails are implemented to provide connections with neighborhoods and parks, a crossing will be necessary at the Apple Orchard and Minnesota Avenue. It is recommended that the City explore safe crossing options for Minnesota Avenue in conjunction with any plans to expand the roadway.

- Intersection of 274th Street with the Burlington Northern Railroad:
With the implementation of a trail system that runs parallel to Ninemile Creek, connecting the west side of the community to the east side, a crossing of the Burlington Northern Railroad will be necessary. This Amendment to the Master Plan recommends crossing the tracks where 274th Street currently crosses south of the City. An alternative to this crossing would be to look into potentially providing an underpass where the railroad crosses Ninemile Creek south of 274th Street. It is recommended that the community work with Burlington Northern Railroad to get permission to designate a pedestrian/trail crossing of the Railroad in this location.



Implementation

This section of the Harrisburg Parks and Trails Amended Master Plan recommends steps or phases to undertake in order to realize the plan. Depending on funding opportunities, availability of resources, and support/schedules of the County and State, the City, community members, developers, and property owners, many of the phases could be combined into one project; or some of the larger recommendations could be split into several projects. It is also recommended that these phases be re-evaluated annually to identify current priorities each year. The recommendations for implementing this Amended Master Plan are based on input received during the stakeholder meetings, information gathered from City Representatives and Council Members, as well as other information gathered during stakeholder meetings.

Phase 1-

Whether done as one project, or split into several different projects, the following are recommended park sites, trails, and open spaces that would have the most immediate benefit to the community. These projects are recommended as Phase 1- and should be seriously considered for planning and implementation in the next 1 to 3 years.

Neighborhood Park in the Homesites Housing Development

In 2006, HRG began working with residents of the Homesites Neighborhood, the City of Harrisburg, and the larger community to generate a Master Plan for the Homesites Neighborhood Park. The resulting Park Master Plan has been accepted by the parties involved and is currently in the process of being implemented in stages by the Parks Board. As funding becomes available for completion of each stage the community will need to go through a design phase where construction documents will need to be generated and opinions of probable cost will need to be tabulated before construction can commence.

Improvements and Updates Implemented at Ellis Larson Youth Park

Several times during the stakeholder meetings and input sessions, participants talked about improving upon what is currently in the community before adding new features to the parks and trails in Harrisburg. One of the existing parks in questions was Ellis Larson Park located in the southeast part of town. In 2004, it was recommended that efforts be made to update the equipment and structures in this park as part of Phase 1 Improvements. Since 2004, the main play structures at Ellis Larson have been updated, complete with accessible surfacing. Additionally, the park has new benches and litter receptacles. As a new Phase 1 Implementation Plan, it is the recommendation of this plan that the community continues to revitalize the remaining equipment at the park and work to develop sidewalk improvements that will act as an in-town trail, tying this park to future park and trail developments.

Improvements and Updates Implemented at Hugh Robinson Park

This city park is beginning to show its age, and many of the community children are going elsewhere for recreation due to outdated, inappropriate, or damaged equipment. The City has discussed expanding the City Hall at this location and possibly adding an indoor recreational facility at the site. The City should make a determination on the future of Hugh Robinson Park prior to the implementation of major improvements. If the area is to remain a park, it is recommended that improvements be made to

equipment and structures in Hugh Robinson Park as part of the Phase 1 Master Plan implementation. It is recommended that the City work with a committee of community stakeholders to identify what types of new equipment, features, fields, and/or structures would be appropriate for this park. Issues to consider are accessibility, age-appropriateness, current trends in recreation, and feasibility.

Design and Implementation of Trail Segments to Connect users from Intersection of Cliff Avenue and Industrial Drive to Willow Street at the Elementary/Middle School

Safe transportation and connections to the various recreational opportunities within the community were mentioned several times during the input sessions for the Master Plan. With new housing developments springing up in several different areas of the community, it is important that safe transportation routes be provided to get children and community members from their homes to the parks, schools and other recreational opportunities. One area in particular that was discussed during the stakeholder meetings was a safe connection from the Homesites Neighborhood to the Elementary/Middle School. It is recommended that a trail alignment be studied, designed, and implemented as part of Phase 1 of this Master Plan. The City should work with a consultant as well as representatives from the community to identify the most appropriate route to connect these two areas of town.

Southeast Community Park #1

The site recommended by this Master Plan as Southeast Community Park #1 is property currently owned by the City of Harrisburg. It has already begun to be established as a wetland re-vegetation site, and currently has several species of plants and animals that contribute to its environmental nature. A short wooden bridge spanning the wetland and connecting a small hill lookout area to the neighborhood just east of the site has also been constructed. It is recommended that improvements be made to this park, such as parking, walking paths, and signage to begin enhancements to the park and the community. Once initial steps are taken, the community will begin to recognize the park as a benefit and use it for education, reflection and other passive uses. Future plans, plantings, signage, etc. should take place through community groups and volunteer organizations working with the City of Harrisburg. Development of this park will add a community recreation area to the south side of the community during the Phase 1 Implementation projects.

Phase 2-

Whether done as one project, or split into several different projects, the following are recommended park sites, trails, open spaces, etc. that would benefit the community of Harrisburg and build upon projects completed during Phase 1 recommendations. These projects are recommended as Phase 2, and should be considered for planning and implementation in the next 3 to 5 years.

Improvements and Updates at the Elementary/Middle School Complex

Because the Harrisburg School system has already implemented some improvements to the Elementary/Middle School complex: new play equipment, organized sports fields, lighted regulation ball fields, etc.; it is recommended that the City of Harrisburg work with the School District to build upon the recreational features that are already present. For example, the City and School system could share in the design and implementation of ADA accessible pads, platforms, and paths to the play equipment and ball fields, trails

could be implemented to and throughout the school yard, and infrastructure improvements could be made to existing ball fields and stadiums. Because these fields and playgrounds are used by both the school and the entire community, improvements should be a shared venture between the two.

Southeast Community Park #2

The second parcel of property making up the remainder of the Southeast Community Park is the site that used to be the sewage treatment lagoons. It is recommended that this property be converted into a park as described earlier in this Master Plan. This would complete the southern Community Park, and become a recreational 'anchor' on the southeast side of town. This would also provide additional recreational opportunities in conjunction with the 'nature park' which was recommended for implementation in Phase 1. Specifically, it is recommended that the City work with a consultant to identify what needs to be done to make the property suitable for recreational development. It may also be necessary to work with environmental agencies to identify any ecological remediation that may be necessary. As with other projects, it is recommended that the City work with a committee of community members and area neighborhood representatives to determine what recreational features and amenities should be designed into the park.

Design and Implementation of Trail to Sioux Falls along Appropriate Drainage Ways

Taking advantage of existing recreational features is very important to the success of this Master Plan. One of the attractions mentioned in previous sections, was Sioux Falls, 3 miles to the north of the city. Because this recreational opportunity already exists, providing safe access to it for the community of Harrisburg would be a huge benefit, without having to recreate the opportunity. For this reason, it is recommended that the implementation of a trail from Harrisburg to Sioux Falls along appropriate drainage ways be included in Phase 2 of the Amended Master Plan Implementation. It is recommended that the City work with a consultant, the community and County, as well as any other pertinent government agencies to identify an appropriate alignment to get citizens safely from Harrisburg to the many recreational opportunities available in Sioux Falls.

Community Park near Water Tower

With the development of trail segments connecting the northwest area of town to the Elementary/Middle School, and improvements made to the school complex, development of expanded facilities near the community water tower would complete the recreational opportunities near the school and industrial site. This would be a good opportunity for Harrisburg to develop additional play fields to help alleviate overuse of current fields. It could also incorporate play structures and other alternative play amenities. More decisions need to be made regarding ownership of the property identified by this Master Plan, as well as discussions with a consultant and representatives from the community as to what recreational features should be developed as part of this park. Once these decisions have been made, more information will be available to determine the extents of this neighborhood park.

Southwest Neighborhood Park (Green Meadows) Development

Development of this park in Phase 2 will allow for the City of Harrisburg to grow and will provide recreational opportunities for the homes already built in the southwest part of the City. This park will set a clear example of a commitment from the City to work with developers in setting aside land and developing neighborhood parks as a way to improve property values while providing a safe place for children to play. The City will need to discuss options for this park with the developer, a consultant, and representatives from the community in order to determine what recreational features should be established at this location. Once these decisions have been made, more information will be available to determine the extents of this Neighborhood Park.

Northeast Neighborhood Park (Legendary Estates) Development

By developing this park in Phase 2 the City will be able to provide a suitable park the first neighborhood planned on the east side of the railroad tracks and north of town where there are few existing recreational opportunities. This will set the stage for future park, trail, and housing developments in this area. The City will need to discuss options for this park with the developer, a consultant, and representatives from the community in order to determine what recreational features should be established at this location. Once these decisions have been made, more information will be available to determine the extents of this neighborhood park.

Implementation of In-Town Trails

Development of trails within the City will provide the connections necessary to ensure that the existing neighborhood developments have the opportunity to access one of a number of the recreational areas within Harrisburg. The construction of the trail around the detention pond in the Industrial Park should also occur at this time to provide a recreation area for workers and enhance the area. Trail construction will send a clear message to the Community and the neighborhoods that the City is dedicated towards the continued implementation of the elements in the Master Plan. The in-town trails will provide connections within the community and to resources outside the City. Construction of these trails corresponds with road improvements, which may affect when these trails are implemented. For this reason, some of these trails may need to be developed earlier or later in the phasing of this Master Plan. It is recommended that the City work with representatives from the affected neighborhoods to identify specific routes.

Trailhead Parks and Ninemile Creek Trail System

Working with local DNR and County agencies, as well as community members and consultants, it is recommended that the City identify appropriate alignments and, once funding can be attained, implement trails and associated greenbelt areas along Ninemile Creek. Not only would this provide the community of Harrisburg with an extensive creek side trail system, it would be a recreational draw for surrounding communities.

Development of Trailhead Parks should happen prior to and in conjunction with development of the Ninemile Creek Trail System and the Sioux Falls Trail System Connection. These parks will serve as future Neighborhood Park as well as Trailheads for Harrisburg's Trail System. By implementing this park prior to or in conjunction with the trail segments, the infrastructure, parking, and other resources will already be in place once the community decides to pursue completion of the trail. It is recommended that the City work with a consultant and a committee of community members to identify specific features to include in the development of these parks.

Phase 3-

Weather done as one project, or split into several different projects, the following are recommended park sites, trails, open spaces, etc. that would benefit the community of Harrisburg and build upon projects completed during the Phase 1 and 2 recommendations. These projects are recommended as Phase 3, and should be considered for planning and implementation in the next 5 to 10 years.

Implementation of the "Harrisburg Community Park"

Design and implementation of this proposed community park may need to adjust depending upon when property and funding become available. If at all possible, it is recommended that the City work with private property owners and developers to implement this project as a shared-use venture. Implementation of the park will undoubtedly need to occur in several phases in order to make the costs more manageable for all parties involved. It is recommended that the City work with a consultant, private property owners/developers, community representatives, school officials, and representatives from local organized sports leagues in order to prepare a plan for the park that meets the needs of Harrisburg and the surrounding communities.

Neighborhood Park near Elm Street and Emmett Trail

Development of this park is recommended in Phase 3 because of its proximity to Hugh Robinson Park. If the City decides to construct a new City Hall or indoor recreation facility, this park would be a choice location for the equipment formerly in Hugh Robinson Park. Additionally, it is recommended that this park be developed with areas of seating and perennial garden in order to provide an alternative form of recreation within the heart of the community. It is recommended that the City work with a consultant and community representatives in order to prepare a plan for the park that meets the needs of the community.

Southwest Community/School Collaborative Park

Development of this park will provide space for additional programmed field space as future needs require. It will also provide opportunity for playground structures and seating/trail amenities with its proximity to this section of the Harrisburg Trail System. The trail connection from Cliff Avenue near the cemetery to Ninemile Creek should also be developed at this time in order to provide connections with other community attractions. It is recommended that the City work with a consultant, school officials, and community representatives in order to prepare a plan for the park that meets the needs of the community.

Westside Community Greenbelt Park/Trail and Greenbelt Trail

Connection to Sioux Falls

Development of the Westside Greenbelt Park and Trail System should be reserved for Phase 3 so that there is ample opportunity for development to occur around the proposed greenbelt, and ample opportunity for the City to acquire property and permits/easements as necessary. This would also allow time for the community to work together with the City to identify an appropriate alignment for the trail component of this system, as well as options for crossing major roadways. It is recommended that the design of any roadway crossings, be they at-grade or underpasses, involve not only City representatives, but a consultant, and representatives from Lincoln County Engineering, the South Dakota D.O.T., local DNR and other environmental agencies.

Phase 4-

Weather done as one project, or split into several different projects, the following are recommended park sites, trails, open spaces, etc. that would be a long term benefit to the community of Harrisburg and build upon projects completed during previous phases. These projects are recommended as Phase 4 and should be considered for planning and implementation in the next 10 to 15 years. Because these projects occur in the long-range plan for Harrisburg's parks and trails, it may be necessary to add, delete, or otherwise alter some of these projects sites based on development of property and housing and the future city limits of Harrisburg.

Planned Future Neighborhood Parks

As the City of Harrisburg grows and it's limits begin to move, these parks will be necessary in order to provide ample recreational opportunities to the community on a whole. Design of these parks should be done after the property has been developed. It is recommended that the City work with a consultant, the developer, and representatives of the community to design the components and determine suitable locations for these parks.

Western and Southern Trail Connections

Harrisburg's growth will require Trailhead Parks and a system of trails to link these parks with the existing parks and recreational activities within Harrisburg. Design of these trails should be done in conjunction with development of the parks for these neighborhoods. It is recommended that the City work with a consultant, the developer, and representatives of the community to design the components and determine suitable locations for these parks.

Northeast Community Park #1 and Trail Connection to Sioux Falls

The proposed Community Park and trail connection for Northeast Harrisburg is recommended to occur in Phase 4 in order to give development a chance to reach this part of town. Because it is a park that will also serve as a Trailhead it is important that the trail be developed in conjunction with this park. This means that there must be a need for the trail connection that will connect to the Sioux Falls Trail System. Design and implementation of this greenbelt trail should not occur until development has taken place in this area, and design of the Northwest Community Park has been determined.

Design and Implementation of a Trail to Lake Alvin

Taking advantage of existing recreational features is very important to the success of this Master Plan. As mentioned in previous sections, there are two major recreational opportunities within a short distance from Harrisburg. One of these attractions is Lake Alvin, 3 miles to the east of the city. Because this recreational opportunity already exists, providing safe access to it for the community of Harrisburg would be a huge benefit, without having to recreate the opportunity. This project is a significant undertaking and that is why it is recommended in Phase 4 to allow the City ample time to save funds and coordinate efforts. It is recommended that the City work with a consultant, the community and county, as well as any other pertinent government agencies to identify an appropriate alignment to get citizens safely from Harrisburg to Lake Alvin.

Cost of Components

Range of Costs for Park Components

Because specific components for each of the parks and trails mentioned in this Master Plan have not been determined, it is difficult to associate an opinion of cost for the implementation of the parks and trails. The items listed below indicate an estimated range of costs for specific park components, based on list prices, constructed projects, and retailer information. These costs are based on 2007 prices, and should be re-evaluated annually to account for inflation. It is recommended that an opinion of probable cost be determined during the design phase of each of the aforementioned projects to more accurately determine construction costs for the projects.

Zero Depth Splash Park	\$88,000 - \$207,000
Skate Park/Skateboard Park	\$41,500 - \$258,000
Basketball Court (Concrete Base)	\$28,500 - \$51,500
Tennis Court (Concrete Base)	\$33,000 - \$62,000
Site Furniture	
Bench	\$700 - \$1800
Litter Receptacle	\$700 - \$1800
Bike Rack	\$700 - \$1800
Recreational Trail	
Widened Sidewalk Trail	\$60-\$75/ Linear Foot
Off-Street- Greenbelt Trail	\$85- \$100/ Linear Foot
Pre-fabricated Play Structure	\$13,000 - \$67,000
Fitness Area/Playing Field	\$10,500 - \$21,000
Gazebo	\$15,500 - \$21,000
Bandshell	\$26,000 - \$51,500