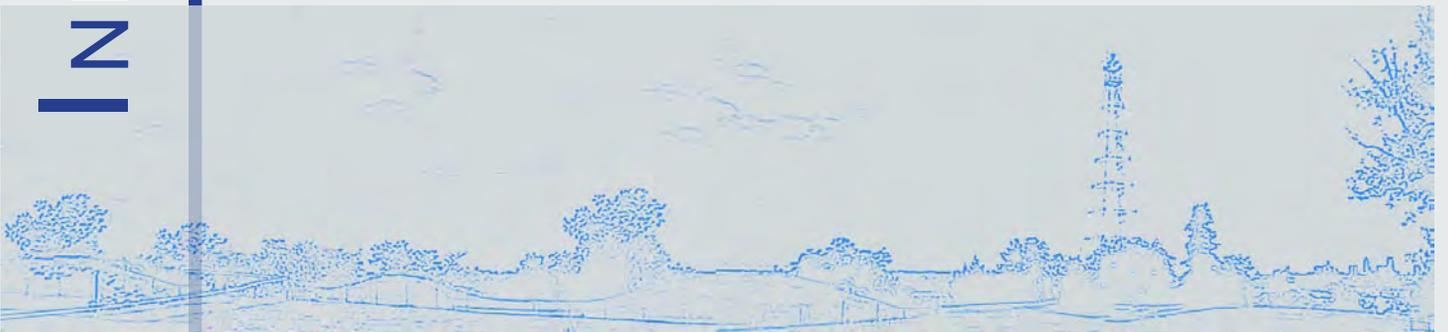


INDIAN MOUNDS REGIONAL PARK

MASTER PLAN AMENDMENT

MARCH 2011



4. Development Concept

The guiding principle of the master plan development has been to recognize, celebrate, interpret and seek to preserve the historic, cultural and natural resources in a way that fosters stewardship while providing recreational amenities appropriate for a regional park.

Since the parks establishment, sightseeing has drawn many visitors to the high bluffs overlooking the river, downtown, and the airport. Today many people come to the park to learn about its rich cultural history and to enjoy the picnic grounds and expansive open space. The park's current amenities include two picnic shelters, two picnic areas, a play area, restroom facility, tennis court, two prominent overlooks with adjacent off-street parking, former "comfort station"/pavilion and trails. The following is a list of priorities, in order of importance for each area, for future development within the park.



- A Cultural and Historical Interpretive Signage Plan and Implementation:** interpretive signage for all significant cultural and historical areas.
Estimated Cost: \$220,000.00



- B Gateway Signage and Monumentation:** There will be major gateways at Commercial St. and Mounds Blvd.; Burns Ave. and Johnson Parkway; and Burns Ave. and Highway 61 entrances into the park. Minor gateways include Earl and Thorn; Burns Ave. and Mounds Blvd intersections. Gateways include entrance signage, walls, railings, or other artistic monumentation with materials that compliment the park and are historically relevant.
Estimated Cost: \$500,000.00



- C Trail Improvements:** Renovate deteriorating trails. Realign trail between Plum Street and Earl Street to capture views, reduce 90 degree trail intersections and add viewing pull-offs.
Estimated Cost: \$500,000.00

- D Traffic Calming Measures along Mounds Boulevard and Burns Avenue:** Bump-outs at intersections where appropriate; raised intersections at Plum Street and Mounds Boulevard, and Johnson Parkway and Burns Avenue; raised crosswalks where appropriate, especially where trails cross Mounds Boulevard without a street intersection.
Estimated Cost: \$500,000.00

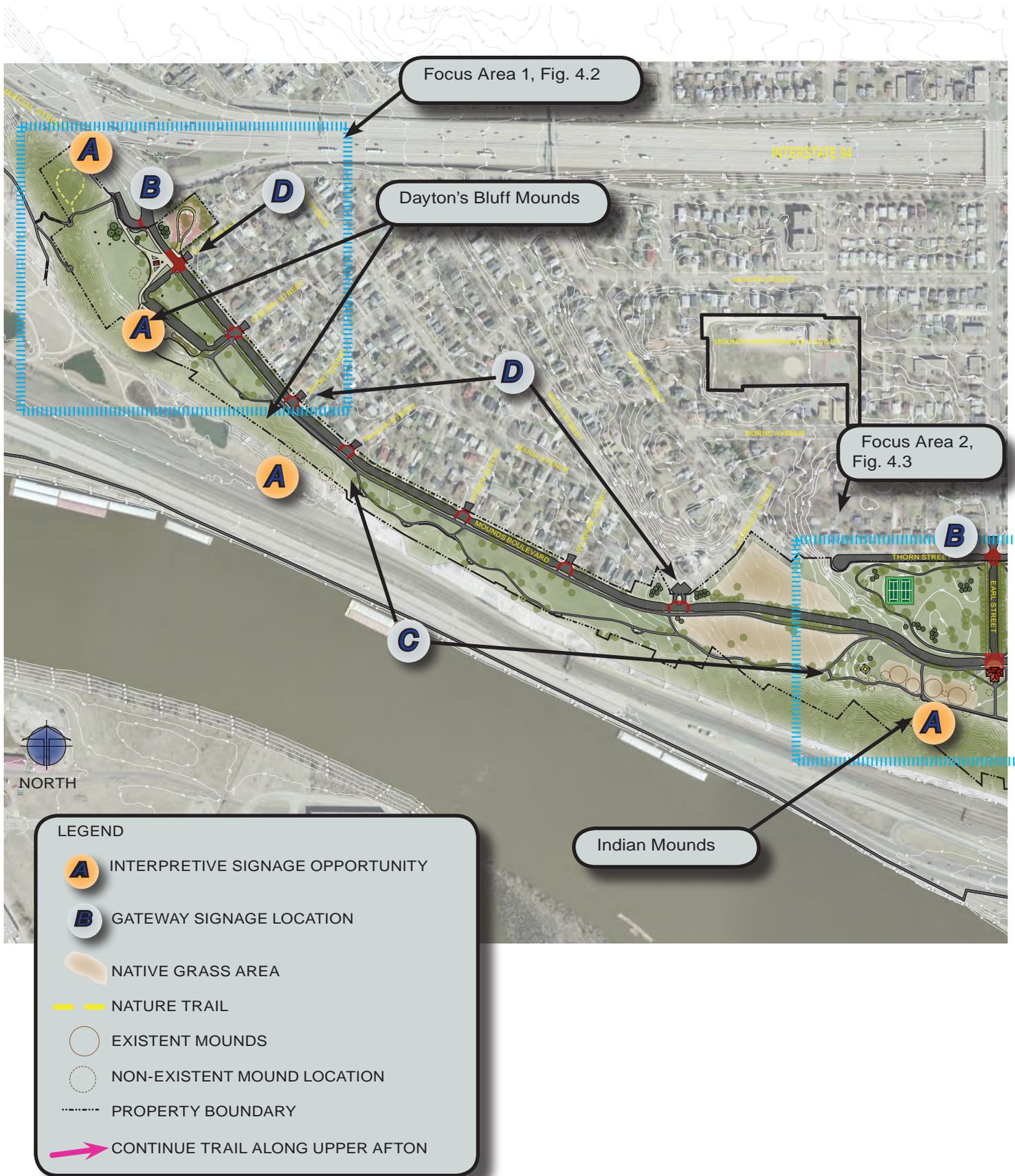
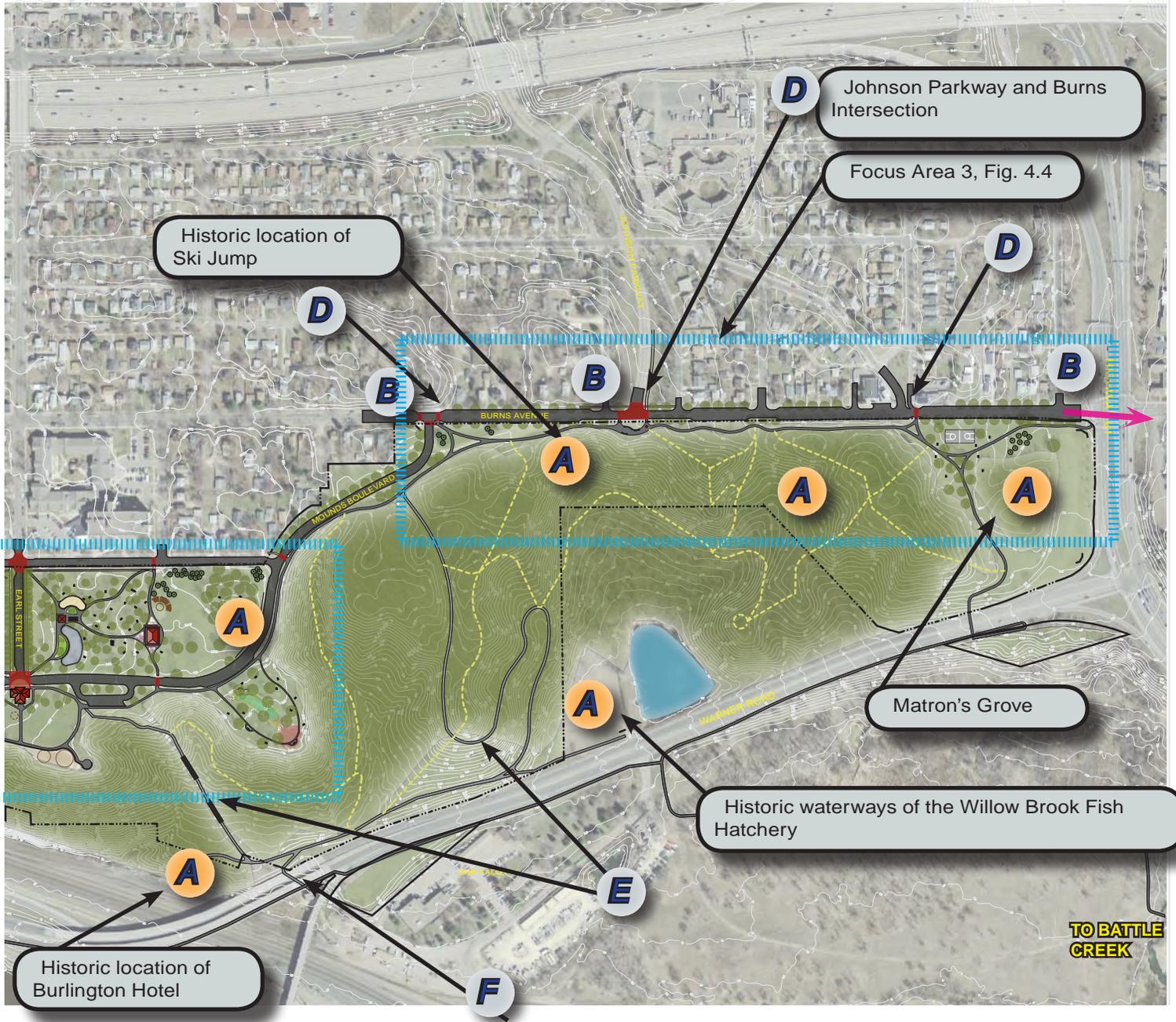


FIGURE 4.1: Master Site Plan



E Loop Trail: creation of a paved loop trail that traverses the steep slopes just north of Warner Road. Rehabilitation of existing concrete stairs, interpretive signage at the site of the Burlington Hotel, re-establish the historic road to Fish Hatchery.
 Estimated Cost: \$200,000.00

F Trail connection to Sam Morgan Regional Trail: use the Warner Road bridge reconstruction project to create a trail connection under the bridge. (Coordination needed with Ramsey County bridge replacement project)
 Estimated Cost: \$100,000.00



FIGURE 4.2: Focus Area 1



1a Gateway Garden: Transformation of two vacant lots recently acquired by the City on the eastern side of Mounds Blvd. at Plum St. into a gateway garden area that may include public art.
Estimated Cost: \$250,000.00

1b Restroom/Shelter facility at Carver’s Cave Overlook parking lot: Separated single stall male and female restroom building with an attached 1-2 picnic table shelter area, stone seat wall, kiosk and benches.
Estimated Cost: \$350,000.00

1c Dog Park in the “Quarry” Area: if there is a need for an off leash dog area in the park, this area may be best suited. Add nature trail, fencing and amenities.
Estimated Cost: \$35,000.00

1d Stairway connection to Bruce Vento Nature Sanctuary: with overlooks.
Estimated Cost: \$780,000.00

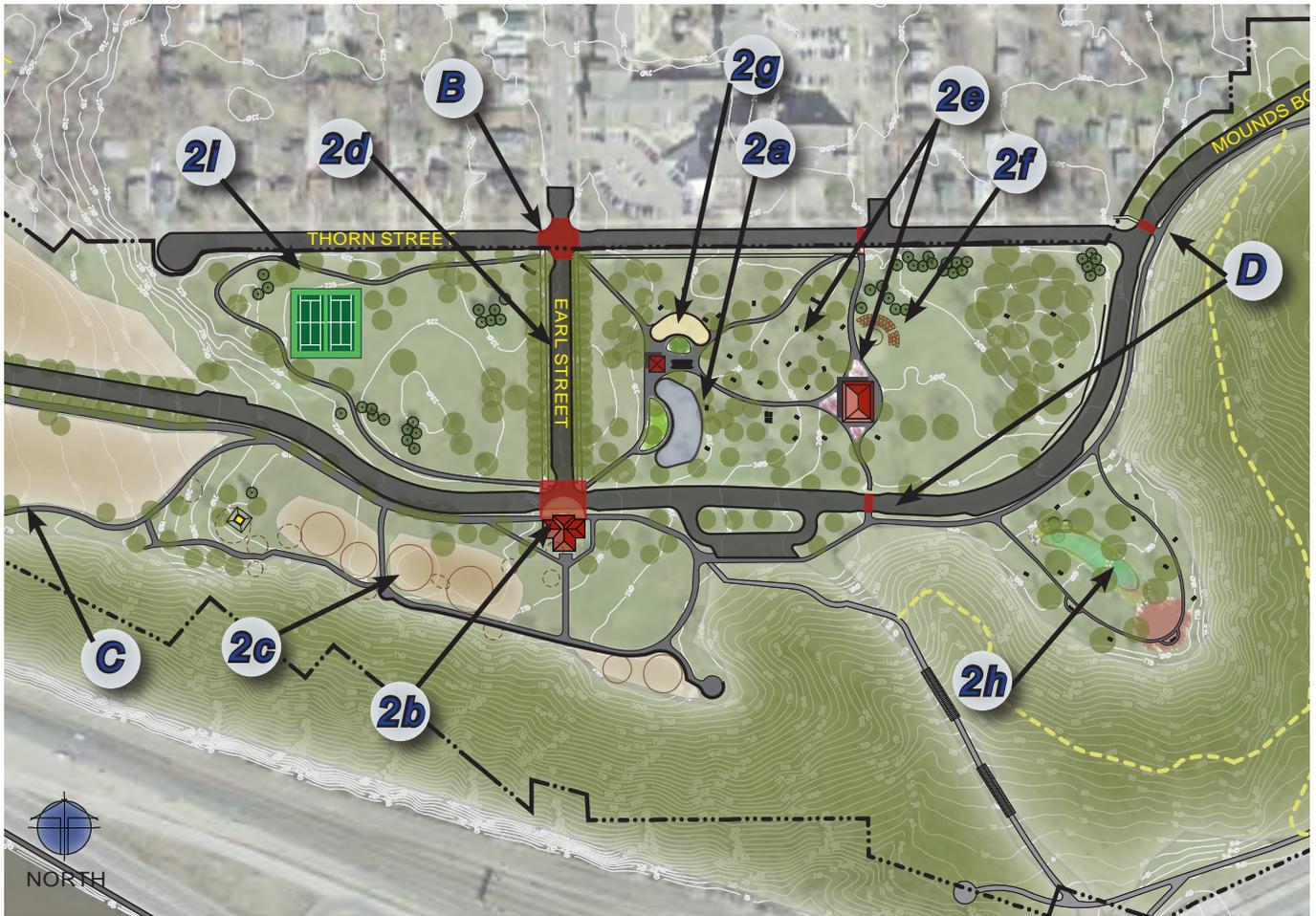


FIGURE 4.3: Focus Area 2

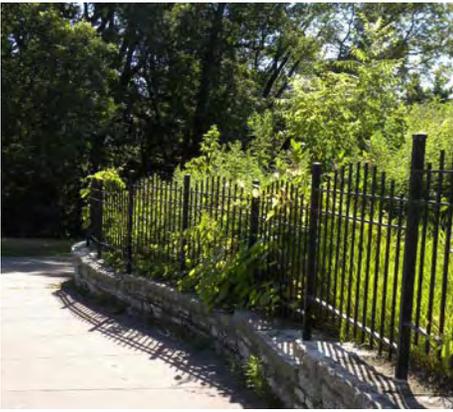


2a Play Area Replacement: the existing play equipment is in need of replacement to comply with the Americans with Disabilities Act (ADA) and Consumer Product Safety Commission (CPSC) guidelines. A signature play area will be installed that includes more nature based play to reflect its surroundings. The project will meet current safety standards and incorporate new site amenities associated with the play area.

Estimated Cost: \$500,000.00

2b Pavilion Renovation and Surrounding Landscaping: renovate the existing pavilion to include interpretive sign panels describing the cultural, historic, and natural resources of the park and surrounding area. Upgrades will be needed for the electrical utilities and better ADA accessibility. The building facade will need tuck-pointing and the surrounding hardscape and landscaping will be upgraded.

Estimated Cost: \$450,000.00



2c **Plantings on Indian Mounds:** return to native grasses. Species will be selected for optimal growth for the given site conditions. Parks Environmental Resources will consult with the Minnesota Indian Affairs Council for best management practices.
Estimated Cost: \$80,000.00

2d **Trail on western side of Earl with exercise signage**
Estimated Cost: \$42,000.00



2e **Earl Street as Convertible Street:** pavement pattern and/or removable barricades or bollards that could create a usable event space along Earl Street between Mounds Boulevard and Thorn Street. Raised intersections at Thorn and Mounds Boulevard to create focal points of the convertible street and event space.
Estimated Cost: \$200,000.00

2f **Picnic Area Improvements:** The picnic area was originally installed in the late 1960's/ early 1970's. Renovation would include demolition of two (2) existing concrete shelters and restroom facility, installation of new picnic pavilion that holds 80-100 people and includes a kitchen and restrooms, installation of a new small shelter for 30-40 people, and new picnic tables, grills, trash cans, and benches including ADA accessible facilities.
Estimated Cost: \$1,100,000.00



2g **Amphitheater:** Small 50-70 person amphitheater built into existing topography using natural materials.
Estimated Cost: \$350,000.00

2h **Splash Pad:** small artistic, natural play area that can also be used during the colder months to climb on or as an interpretive art element.
Estimated Cost: \$350,000.00



2i **Biofiltration Area:** return mown turf area in a former wetland area to a more natural biofiltration system for stormwater. New picnic amenities, trail, viewing nodes, and a small overlook garden area.
Estimated Cost: \$75,000.00



FIGURE 4.4: Focus Area 3

3a Johnson Parkway and Burns Avenue: with the addition of the Gateway element here, there will be a trail connection across Burns Avenue to Johnson Parkway and a kiosk as part of the Grand Rounds. Also proposed are benches, trash receptacle and drinking fountain.
 Estimated Cost: \$250,000.00

3b Trail Improvements: realign trail at Burns Avenue and Mounds Boulevard to reduce 90 degree trail intersection and take into consideration the loss of roadway through this area. Add access point to Burns Avenue and neighborhood at Clarence Street and to Grand Rounds at Johnson Parkway. Realign trail to eliminate 90 degree trail intersection.
 Estimated Cost: \$250,000.00

3c Nature Trail Improvements: cut back overgrowth, delineate trails with way finding signage, close highly erosive trails, design trails to reduce erosion, and add natural resource and/or cultural and historic interpretive signage where appropriate.
 Estimated Cost: \$65,000.00

3d Natural Resource Management: manage natural areas according to native plant communities designated in the Natural Resource Management Plan.
 Estimated Cost: \$120,000.00

