The objective of this project is to create recommendations for a 5-year plan for Hopkins Family Park, with a focus on developing and modifying a design layout for a 73-acre area of interest.

**Budget & Timeline**

- **Feature Cost**
  - Hiking Trails: $31,850
  - Picnic Area: $2,000
  - Nature: $1660
  - Education Area: $2818
  - Natural Playscape: $300
  - Sand Play Area: $0
  - Parking Lot: $0
  - Total: $37,068

- **Vegetation Cost**
  - Decorative: $460
  - Trees: $1,945
  - Shrub: $1,706
  - Native: $3,240
  - Evergreen: $860
  - Total: $7,206

**Total Cost**: $44,274

**Spring Semester Timeline**

- **Design Process**
  - Project was broken up into 5 major phases:
    - Completed from August 2016 – April 2017

- **Alternative Solutions & Solution Evaluation**
  - Relevant spatial properties (11) were used to create 9 site suitability maps
  - Site suitability maps were used to determine feature placement
  - Soil maps were used to determine vegetation placement

**Deliverables**

- **Recommended Vegetation Layout**
  - Vegetation placed after features to allow complementary positioning
  - Soil properties and hydrography affected vegetation placement and species selection
  - Most of the park will be restored to its native prairie state

- **Recommended Feature Layout**
  - Feature placement was an iterative process
  - Complementary placement of features
  - Features were placed based on site suitability rating
  - Strategic placement throughout the park for an efficient use of space
  - Over 3 miles of hiking trails link features throughout the park

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