



# TUXEDO PARK COMMUNITY TRAIL

Project Proposal

Crete Youth In Governance Team



# Project Overview

- The City of Crete has identified a future trails system as a part of the community's comprehensive plan.
- In November of 2009, the City Council adopted Resolution 2009-25, which stated that the City and the Crete Youth In Governance Team work together to create a task force to develop a comprehensive plan for Tuxedo Park Community Trail.



# Mission Statement

- To increase outdoor recreation opportunities in Crete, NE by creating hiking/biking trails in Tuxedo Park.



# Project Goals

- Identify and protect the important natural resources found at Tuxedo Park.
- Identify potential routes for a hiking/biking trail in Tuxedo Park.
- Write a proposal for the trail to present to Crete City Council.



# Crete Youth In Governance Team

- Youth Members

- Amy Hung
- Shane Kraus
- Francisco Padilla
- Matt Scholz
- Emily Manning
- Dulce Castaneda
- Charlene Skillett
- Bailey Hooper
- Meghan Shrewsbury
- Caleb Scholz

- Adult Members

- Pam Scholz
- Eric Stehlik
- Leanne Manning
- Judy Henning
- Mary Hanson,  
Outdoor Recreation  
Planning, NPS



# Background

- Crete Youth In Governance is a youth/adult partnership which works to develop life skills and leadership skills in youth. The youth use these skills to improve their own lives and the community.
- Conducted three community forums to assess community needs.



# Background

- A total of 75 people attended the forums and at each forum the top need identified was the need for hiking/biking trails.
- Since the fall of 2009, we have been working with the National Park Service to identify potential trail sites in the park.



We used GPS units to map optimal trails.



We evaluated the sites for flooding, lands, plants, topography, views, and features that would be enjoyed by trail users...



...and for features that needed attention



# Design Issues

- Sharp drop-offs
- Areas prone to river flooding
- Trail drainage issues
- Handicap accessibility
- Shoulders of trail need to have native grass cover
- Connecting with W. 13<sup>th</sup> street

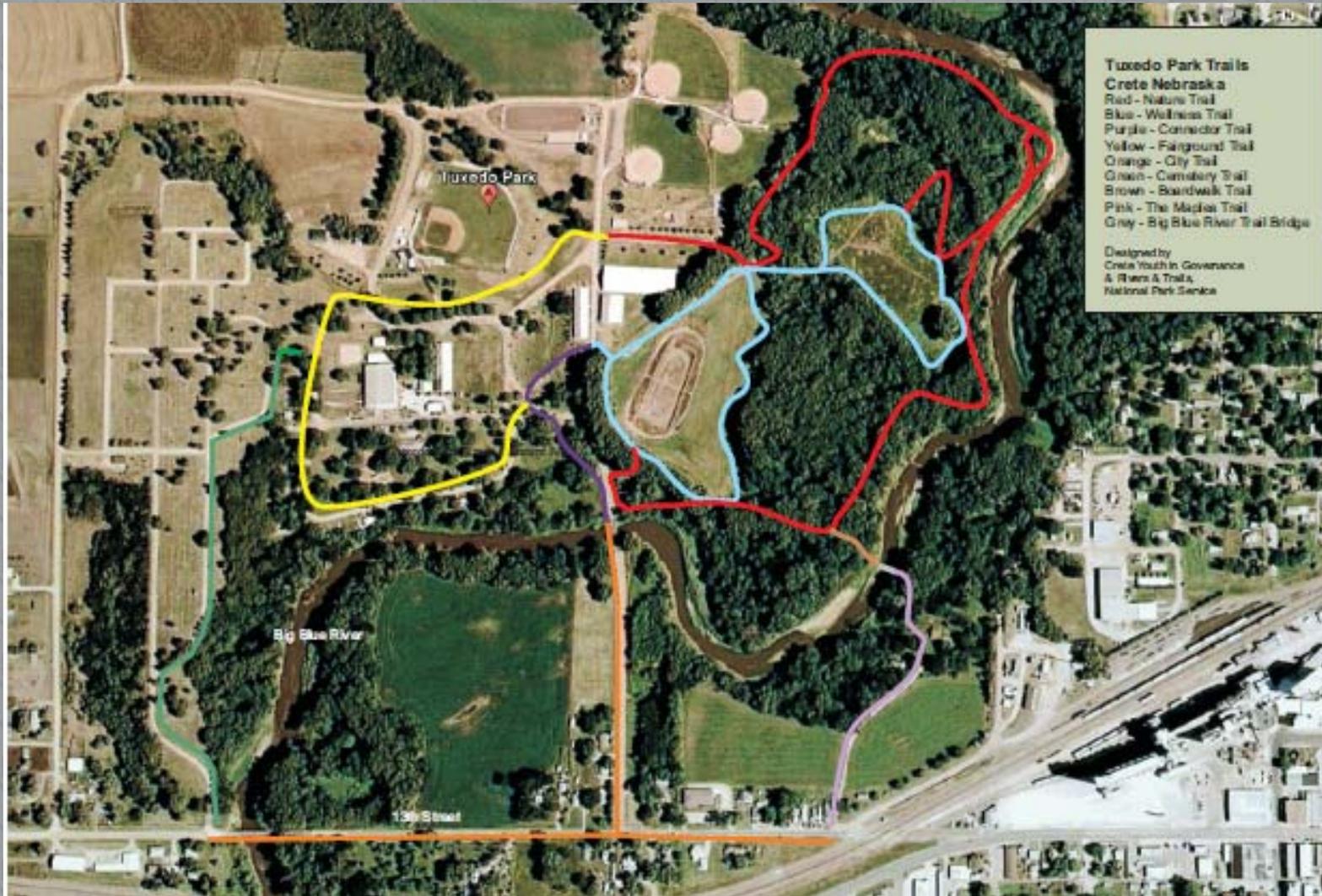


# Project Inventory & Analysis

- History of the park
- Saline County Fairgrounds
- Natural Resources & Impact on Natural Environment
  - ~no endangered species in the area



# Proposed Trail Locations



# Trail Amenities

- Signs
- Benches
- Trash cans
- Bridges
- Lighting
- Bike racks
- Exercise stations



# Design for Trail Heads in the Park



# Design Criteria

- Nebraska Comprehensive State Trails Plan
- Americans with Disabilities Act Accessibility Guidelines
- American Association of State Highway and Transportation Officials' Guide for the Planning, Design, and Operation of Pedestrian Facilities



- Ultimately, this is determined by the City's Public Works Department



# Cost Estimates

## ESTIMATED COST FOR LIMESTONE TRAILS: 10-FOOT WIDTH WITH 2-FOOT SHOULDERS

Trail element	Unit	Price per unit	Element width in feet	Units per mile	Trail cost per mile
Clearing and grubbing	acre	\$4,000	14	1	\$4,000
Grading	mile	\$3,000		1	\$3,000
Granular sub-base	sq ft	\$0.42	12	63,360	\$26,611
Granular surfacing	sq ft	\$0.42	10	52,800	\$22,176
Seeding/mulching	acre	\$1,920	4	0.5	\$960
Geo-textile liner	Sq yard	\$0.60	12	586	\$352
<b>Subtotal</b>					<b>\$57,099</b>
Other costs*	10% of trail cost				\$5,710
Trail amenities	10% of trail cost				\$5,710
Contingency	15% of trail cost				\$8,565
<b>TOTAL COST PER MILE</b>					<b>\$77,083</b>

3 miles of trail = \$231,249

# Cost estimates continued...

## **Trail Amenities (6 Trail Exercise Equipment Stations)**

Benches	ea	300	3	\$900
Signs	ea	700	6	\$4,200
Equipment built by Ind. Ed Students				\$3,900
Educational materials				\$1,000
TOTAL				\$10,000



# Funding Resources

- Grants
  - Federal Highway Recreation Trails Grant
  - Bikes Belong Grant
  - Blue Health Advantage Wellness Grants
  - Land and Water Conservation Fund
- Community Foundations
- Local Businesses
- Fundraising Activities



Thanks For Paying Attention!!!!



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