



vision

WAM-SAG-MAN Trail

For Safety, Health, Environment
and for the future.



History of Project

- 2001 Wamego Chamber of Commerce and ad hoc tourism committee hosted a Visioning Session
- 2002 Recreation Trail was adopted into the Wamego Chamber's strategic plan
- 2003 PT County Economic Development Corporation adopted trail into its strategic plan
- December 2004 First meeting of Trail committee
- August 2005 A draft of the Scope of Services was prepared what would be necessary to conduct the feasibility and engineering study/costs

VISION



How the project has evolved:

- March 2005-first fundraiser, Cabin Fever Challenge
- October 2005-second fundraiser, Yellow Brick Road Ride
- Fall 2005-initiated feasibility study with KSU Architecture department
- 2006-'Share the Road' signs were developed by Wamego Chamber of Commerce Design Committee and paid for by Pottawatomie County Economic Development Corporation and were installed between Wamego and Saint George by County employees.
- March 2006-3rd fundraiser, Cabin Fever Challenge
- Spring 2006-Feasibility & Design study completed by PLAN 761 students and Prof LaBarbara Wigfall; included two community meetings (attendance 100 and 30)

This study included reviewing the area between Wamego, Saint George and Manhattan. Three possible routes between Wamego & Saint George were identified. Two routes were identified between the Blue River bridge and Lake Elbo Rd.

- June 2006-Trail awareness trash pick up day on Military Trail Road
- August 2006-Trail presentation at Preceptor Delta Pi (Beta Sigma Phi Sorority)
- Sept 2006-KDOT ROW transfers portions of US 40 ROW to Pottawatomie County
- Oct 2006-4th fundraiser, Yellow Brick Road Ride
- Oct 2006-Contacted Landplan Engineering
- November 2006-Mailed Trail brochure to people Pottawatomie and Riley counties
- December 2006-Trail presentation at Manhattan Chamber Board
- Jan 2007-Meeting with Quad States' representatives

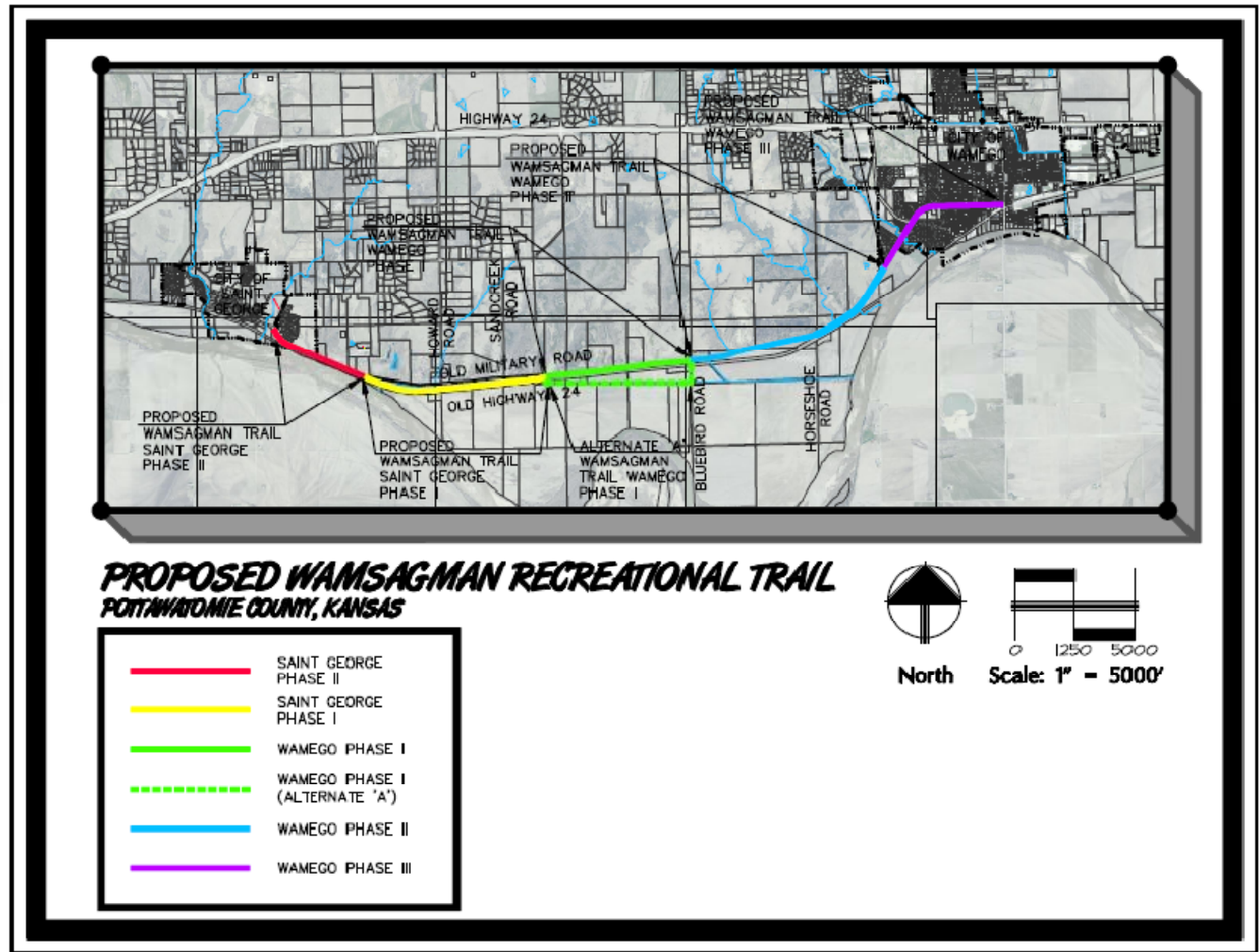


How the project has evolved: (cont'd)

- Feb 2007-First meeting with Landplan Engineering
- Feb 2007-1st trail advocate meeting
- Feb 2007-Trail presentation at Manhattan Kiwanis Club
- March 2007-5th fundraiser, Cabin Fever Challenge
- Apr 2007-Second meeting with Landplan Engineering
- May 2007-USD 323 applies for KS Safe Routes to School funding
- June 2007-Engineering study/costs completed by Landplan Engineering
- July 2007-Work session with county commissioners
- August 2007-attended Transportation Enhancement Workshop in Emporia
- September 2007-Regular meeting with county commissioners
- September 2007-Trail presentation at Caterpillar Works
- October 2007-Three trail community meetings
- October 2007-6th fundraiser, Yellow Brick Road Ride
- October 2007-Kansas Trail Summit in Lawrence, KS
- October 2007-Regular meeting with county commissioners, formal resolution is signed by county commissioners allowing WAM-SAG-MAN Trail to use county right-of-way between Wamego and Saint George and formal resolution of support for the trail project
- October 2007-Trail presentation at Wamego Lion's Club
- November 2007-Trail presentation at Ad Astra Club



Trail Location



Wamego Phase II Costs

Landplan Engineering, PA

1310 Wakarusa Drive
Lawrence, Kansas 66049

tele 785.843.7530

fax 785.843.2410

email info@landplan-pa.com

ENGINEER OPINION OF PROBABLE CONSTRUCTION COST-TRAIL IMPROVEMENTS

PREPARED BY: C.L. Maurer, R.L.A., ASLA

DATE: September 12, 2007

Quantities are from the Phase I, II and III Conceptual Plans dated September 12, 2007. Phase includes the development of 41,600 L.F. 10' Concrete Trail & Roadway Trail. Unit prices based on Contractor Bid Tabs from 2006 in Lawrence, KS.

| NO. | ITEM | UNIT | QUANT. | UNIT PRICE | COST | ITEM TOTAL |
|--|--------------------------|------|--------|------------|--------------|--------------------------------|
| WAM-SAG-MAN Site Improvements – Wamego Phase II | | | | | | |
| 1. | Demolition | | | | | \$7,500.00 |
| | Clearing & Grubbing | Ac | 3 | \$2,500.00 | \$7,500.00 | |
| 2. | Earthwork/Grading | | | | | \$165,700.00 |
| | Excavation | Cy | 3400 | \$25.00 | \$85,000.00 | |
| | Compaction | Cy | 3600 | \$12.00 | \$43,200.00 | |
| | Stripping Topsoil | Sy | 10700 | \$2.25 | \$24,075.00 | |
| | Erosion Control | Mile | 1.9 | \$2,000.00 | \$3,800.00 | |
| | Seeding | Ac | 2.75 | \$3,500.00 | \$9,625.00 | |
| 3. | Nature Trail | | | | | \$405,655.50 |
| | 10' Concrete Walk | Lf | 9580 | \$40.00 | \$383,200.00 | |
| | Expansion Joint | Lf | 958 | \$2.25 | \$2,155.50 | |
| | Trail Head | Ea | 5 | \$1,500.00 | \$7,500.00 | |
| | Signage | Ea | 24 | \$100.00 | \$2,400.00 | |
| | Road Crossing | Ea | 1 | \$2,000.00 | \$2,000.00 | |
| | Driveway Crossing | Ea | 1 | \$2,400.00 | \$2,400.00 | |
| | Rip Rap | Sy | 80 | \$75.00 | \$6,000.00 | |
| 4. | Storm Drainage | | | | | \$17,000.00 |
| | Storm Sewer Pipe | Lf | 200 | \$75.00 | \$15,000.00 | |
| | End Section | Ea | 8 | \$250.00 | \$2,000.00 | |
| | | | | | | Subtotal \$595,855.50 |
| | | | | | | Constr Staking (3%)\$17,875.67 |
| | | | | | | Contingency (20%) \$119,171.10 |
| | | | | | | Subtotal \$732,902.27 |
| 5. | Surveying * | Ls | 5% | | | \$36,645.11 |
| 6. | Admin, Legal, Mktg | Ls | 10% | | | \$73,290.23 |
| 7. | Design Fee * | Ls | 8% | | | \$58,632.18 |
| 8. | Inspection | Ls | 3% | | | \$21,987.07 |
| 9. | Const. Admin. | Ls | 3% | | | \$21,987.07 |
| | | | | | | Total \$945,443.92 |

Local amount:

*Surveying + Design = \$95,277.29 + (20% of \$850,166.64 = \$170,033.33) = \$265,310.62

St George Phase II Costs

| NO. | ITEM | UNIT | QUANT. | UNIT PRICE | COST | ITEM TOTAL |
|--|--------------------------|------|--------|------------|--------------|---------------------------------|
| WAM-SAG-MAN Site Improvements - Saint George Phase II | | | | | | |
| 1. | Demolition | | | | | \$10,000.00 |
| | Clearing & Grubbing | Ac | 5 | \$2,000.00 | \$10,000.00 | |
| 2. | Earthwork/Grading | | | | | \$141,000.00 |
| | Excavation | Cy | 3000 | \$25.00 | \$75,000.00 | |
| | Compaction | Cy | 3500 | \$12.00 | \$42,000.00 | |
| | Stripping Topsoil | Sy | 2000 | \$2.25 | \$4,500.00 | |
| | Erosion Control | Mile | 1 | \$2,000.00 | \$2,000.00 | |
| | Seeding | Ac | 5 | \$3,500.00 | \$17,500.00 | |
| 3. | Nature Trail | | | | | \$419,274.75 |
| | 10' Concrete Walk | Lf | 4397 | \$40.00 | \$175,880.00 | |
| | Expansion Joint | Lf | 531 | \$2.25 | \$1,194.75 | |
| | Trail Head | Ea | 2 | \$1,500.00 | \$3,000.00 | |
| | Signage | Ea | 12 | \$100.00 | \$1,200.00 | |
| | Road Crossing | Ea | 1 | \$2,000.00 | \$2,000.00 | |
| | Retaining Wall | Lf | 2000 | \$110.00 | \$220,000.00 | |
| | Driveway Crossing | Ea | 4 | \$2,500.00 | \$10,000.00 | |
| | Rip Rap | Sy | 80 | \$75.00 | \$6,000.00 | |
| 4. | Storm Drainage | | | | | \$17,000.00 |
| | Storm Sewer Pipe | Lf | 200 | \$75.00 | \$15,000.00 | |
| | End Section | Ea | 8 | \$250.00 | \$2,000.00 | |
| | | | | | | Subtotal \$587,274.75 |
| | | | | | | Const. Staking (3%) \$17,618.24 |
| | | | | | | Contingency(20%) \$117,454.95 |
| | | | | | | Subtotal \$722,347.94 |
| 5. | Surveying * | Ls | | 5% | | \$36,117.40 |
| 6. | Admin, Legal, Mkg | Ls | | 10% | | \$72,234.79 |
| 7. | Design Fee * | Ls | | 8% | | \$57,787.84 |
| 8. | Inspection | Ls | | 3% | | \$21,670.44 |
| 9. | Const. Admin. | Ls | | 3% | | \$21,670.44 |
| | | | | | | Total \$931,828.85 |

Local amount:

Surveying + Design = \$93,905.24 + (20% of \$837,923. 61 = \$167,584.72) = \$261,469.96



Civil Engineering
Landscape Architecture
Community Planning
Surveying

Landplan Engineering, P.A.

1310 Wakarusa Drive
Lawrence, Kansas 66049

tele 785.843.7630
fax 785.843.2410
email info@landplan-pa.com

OPERATIONAL & MAINTENANCE COST

October 16, 2007

The following is the operational and maintenance cost of the WAM-SAG-MAN Trail. This is a rough estimate of cost of trail; this will be different based on man power for the trail maintenance.

The following is based on one mile of concrete trail

| Work Item | Weeks Per Yr. | Average Hrs. Week | Hours Per Yr. | \$ Per Yr. | \$ Per Yr. |
|---|------------------|----------------------|------------------|---------------|----------------|
| Mowing – Fulltime | 40 | 2 | 80 | 25 | \$2,000 |
| General Park Maint Staff | 52 | 1 | 52 | 30 | \$1,560 |
| Litter | 52 | 1 | 52 | 25 | \$1,300 |
| Snow Removal | 20 | 1 | 20 | 25 | \$ 500 |
| Trail Sweeping | 5 | 1 | 5 | 25 | \$ 125 |
| Forestry Work | 40 | 1 | 40 | 25 | <u>\$1,000</u> |
| Subtotals | | | | | \$6,485 |
| Supplies & Materials | | | | 20% | <u>\$1,297</u> |
| Operational & Maintenance Cost per mile of Concrete Trail | | | | | \$7,782 |

The following is based on one mile of Limestone trail

| Work Item | Weeks Per Yr. | Average Hrs. Week | Hours Per Yr. | \$ Per Yr. | \$ Per Yr. |
|--|------------------|----------------------|------------------|---------------|-----------------|
| Mowing – Fulltime | 40 | 2 | 80 | 25 | \$2,000 |
| General Park Maint Staff | 52 | 2 | 104 | 30 | \$3,120 |
| Litter | 52 | 1 | 52 | 25 | \$1,300 |
| Snow Removal | 20 | 1 | 20 | 25 | \$ 500 |
| Trail Maintenance | 52 | 4 | 208 | 25 | \$5,200 |
| Forestry Work | 40 | 1 | 40 | 25 | <u>\$1,000</u> |
| Subtotals | | | | | \$13,120 |
| Supplies & Materials | | | | 20% | <u>\$ 2,624</u> |
| Operational & Maintenance Cost per mile of Limestone Trail | | | | | \$15,744 |



Agreement:

The County will:

- Provide formal declaration allowing the WAM-SAG-MAN Trail to use the right-of-way between Wamego and Saint George for 99 years
- Assume financial obligation for the project pending successful fundraising.

With Local Support we will:

- Raise the 20% match + survey/design costs



Transportation Enhancement (TE) Funding Time Table

- **Nov 7, 2007**-Transportation Enhancement (TE) Application Deadline. This fund is a 80/20 match.

Our agreement with the county is to have local money pay for survey and design costs + 20% of construction costs.

- **May 2008** (approx) Notification from TE committee if we are selected or not selected for funding.
- **Oct 2008**-TE Funds are available for construction costs if we are selected. Ideally we would have the local match at this time. If not, we continue to raise local money.

Before construction can begin, the Design and Surveying would need to be completed. Local money would pay for the Design & Surveying (\$95,277-Wamego; \$93,905-St George). County will receive reimbursement for construction costs as bills are submitted (-20%).

If we do not raise the local match + survey/design costs in a timely matter, the county could decide not to be financially obligated and money allocated for our project would return to the state for the next funding cycle. We would continue to raise local money during this time and reapply during the next funding cycle (2011)

- If our project is **not** selected, the county will not be financially obligated. We continue to raise local money during this time (2 years) and reapply during the next funding cycle (2011).
- In the meantime, we can work on surveying and staking and brush clearing on the trail as funds permit



Local Fundraising Efforts

- WAM-SAG-MAN Trail 501c3 tax deductible account in Wamego Community Foundation

| Income | Expenses | TOTAL |
|---|-------------|---|
| \$36,119.85* | \$13,620.15 | \$22,499.70* |
| *This amount includes \$5000 pledge by Dave & Tommie Karnowski Family | | *This amount includes \$5000 pledge by Dave & Tommie Karnowski Family |

- Donations to trail project
- Bicycle Event Fundraiser
- Sponsors for events
- Grants
- Foundations

We still need to raise approx \$240,000. The brochure is available on website (www.ecodevo.com).



Businesses/individuals that have sponsored events or contributed to the trail project:

Angela Cunningham

Barry Bradford

Bayer Construction

Bennington State Bank

Beth Galligan

Bill and Erma Riley

Blackjack 4-H Club

Blue Valley

Telecommunications

Bob King

Capital Federal

Carol Fink

Chris and Anne Culbertson

Delores Hargadine

Dennis & Diane Novak

Dennis Adams

Diane Pikul

Dillon's

Dixie Curtis

Dyer's Shurfine Foods

Eastside & Westside Markets

Edward Mosby Lincoln
Foundation

Eldon Dillingham

Elise Dewit

Emerald City Market

Erin Jeschke

Farmer's State Bank

First National Bank of
Wamego

Friendship House



Businesses/individuals that have sponsored events or contributed to the trail project:

Gene Scherer

Gerry & Tara Schmanke

Gordon Philip

Growing Concerns

GTM Sportswear

Hanley Jackson

Harvest Lark Company

Heartland Physical Therapy

Heather Sweet

Hittle Landscape Architects

Howard Erickson

Howe Landscaping

Imagemakers-Design &
Advertising

Intrust Bank

Jane Amy

Janell and Rick Linneman

Janet Armstead

Jay Hildreth

Joe Johns Real Estate

John and Sandi Allard

Joyce Mermis

Julia Marceron

Kansas Gas Service/ONEOK

Kansas State Bank

Katherine Hummels

Kathryn Apley

Kaw Valley State Bank

Kay Lewis

Kay Markey



Businesses/individuals that have sponsored events or contributed to the trail project (Cont'd):

Lakin Construction

Landmark National Bank

Larry and Ruth Williams

Larry Noble

Linda Schmidt

Lyle and Chris Butler

Manhattan Trust Co.

Mark and E. Ann
Knackendoffel

Markey Permaglaze

Mary Ann Butler

Mary Dean Apel

Mathis Rehab Center

Max and Helen Hower

Michael Hedke

Mike Rice

Mike Robinson

Neil and Tiffany Erdwien

Newman's Grocery

Novak Web Design

Olsburg Grocery



Businesses/individuals that have sponsored events or contributed to the trail project:

Pathfinder

Ron Alexander

Patrick Blanchard MD

Rose Kreller

Paul Gallagher

Sandy Butler

Pepsi Cola Bottling Co

Schultz Construction, Inc

Phyllis Whiteside

Shannon Schneider

Pott. Co. Abstract

State Farm-Bruce Arnold

R.D. Dragsdorf

Steve & Diane Peddicord

Richard Philbrook

Steven and Cheri Graham

Robert & Lynne Haines

Stonecreek Family Physicians

Robert & Rosemary Fulmer

Susan Claen

Robert and Gail King

Terry Olson



Businesses/individuals that have sponsored events or contributed to the trail project (Cont'd):

State Farm-Bruce Arnold

Steve & Diane Peddicord

Steven and Cheri Graham

Stonecreek Family Physicians

Susan Claen

Terry Olson

Tim Ryan

Trevor Jensen

Victory Bed & Breakfast

Vision Source!

Wal-Mart

Wamego Athletic Club

Wamego Drug Store

Wamego Super 8

Wamego Telecommunications

Wamego Times

Westar Energy

Woodward Surs

Yurii Maravin

TOTAL: 118 (Many businesses have sponsored all five fundraisers and so have some individuals)

Bicycle Event Fundraiser Attendance

| STATE | 2005 CFC | 2005 YBRR | 2006 CFC | 2006 YBRR | 2007 CFC | 2007 YBRR |
|--------------|----------|-----------|-----------|----------------|---------------------------|-----------------------------|
| CA | | | | 1 | | |
| CO | | | | 2 | 1 | 4 |
| FL | | | | 1 | | |
| GA | | | | 1 | | |
| IA | | | 1 | | 3 | 1 |
| KS | 39 | 85 | 153 | 93 | 158 | 108 |
| MD | | | | | | 2 |
| MN | | | 1 | 2 | | |
| MO | | 1 | 18 | 6 | 21 | 3 |
| NE | | | 4 | | 3 | |
| TX | | | | 1 | | |
| TOTAL | 39 | 86 | 177 | 107 | 186 | 118 |
| vision | cold day | sunny day | sunny day | cold rainy day | little cool &some rain | KSU/KU game- sunny/windy |



Quality of Life –

How the trail will benefit the area

- Improved safety especially for children and families. Having a safe place will encourage people to start bicycling, running, walking etc.
- The Trail will enable kids to ride their bikes and walk to school instead of shuttling back and forth in their parents' cars. It will also provide a link for bike commuters and a recreational route for people of all ages
- Strengthens family bonds
- Builds closer-knit communities
- Lowers healthcare costs
- Reduces polluting emissions
- Decreases road congestion
- Economics-the trail will draw out-of-town visitors and permanent residents to the area. Other attractions, hotels, restaurants, grocery stores, and gas stations will benefit from these visits.
- Quality of Life creates an environment for business growth
- Bicycling/walking reduces need to purchase fuel=more spendable income

2007 Cabin Fever Challenge Participants



We now have 536 email
addresses for people who
participated in our events.