



# **Bikeable/Walkable Community Plan**

Oct. 11, 2012

City Council Workshop





# Background

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- 2006 - O'Fallon's population was 72,477. Citizen Survey showed a strong interest in additional bike & pedestrian opportunities.
- City Comprehensive Plan adopted in 2008 identifies the Bikeable/Walkable Plan as a goal to complete.
- Our young population is growing faster than other groups. A demographic that, nationally, has higher interests in biking and walking.
- Over 20% of O'Fallon commuters live w/i 30 min-1hr. bike commute from their place of employment.



# Background cont.

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- A significant number of local, short distance trips could be possible using non-motorized transportation with the development of a system of bikeable/walkable opportunities along our roadways.
- The current opportunities are inconsistent and not connected throughout the City.
- Information used was from the 2000 Census.



# What is the Bikeable/Walkable Plan?

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- A community plan for O'Fallon, Lake St. Louis and Wentzville adopted by Council in 2009.
- Prepared by Trailnet, Inc. in Association with James Pona and Associates & Southwestern Illinois RC&D.
- The purpose of the study was to examine and analyze existing conditions in the three-city area and to formulate a plan that addresses bikeable & walkable recreational and transportation needs.





# Plan Development

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- Multiple Public sessions in each community for input on needs & to present the proposed plan.
- Analysis of existing and planned bike and pedestrian transportation opportunities.
- Analysis of opportunities to not only connect each community but to interconnect the three communities.
- Plan adopted by City Council in March 2009.
- Recently completed STL Gateway Bike Plan conforms with O'Fallon's plan.



# Goals

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- Over the years there has been an increased interest in cycling and walking. Individuals are seen walking and biking for not only recreation but also for fitness and transportation. Goals reflect the need to create a safe environment for this mode of transportation.
- GOAL 1 - Develop bike/pedestrian ways as a functional element in the transportation & recreation of the three-city area.
- GOAL 2 - Establish programs to educate everyone how to effectively & safely use the bike-pedestrian system.



# Plan Content

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- The plan identified several types of improvements to be incorporated throughout the community. Some areas would require a combination of improvements.
  - Multi Use Trails
  - Bike Lanes
  - Bike Route
  - Accommodations
- Establish a staff committee to oversee development and facilitate the ongoing implementation and maintenance of this plan.



# Implementation

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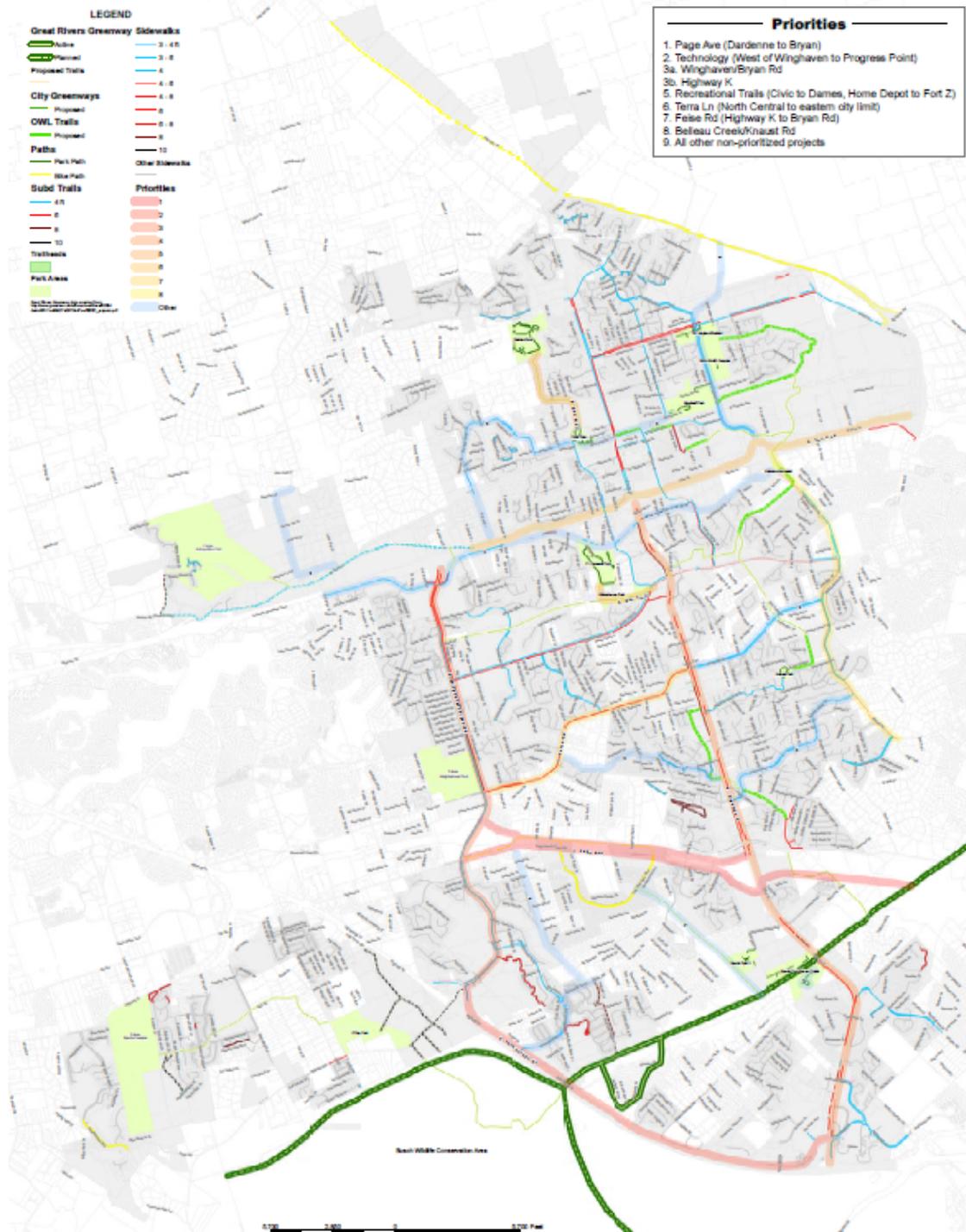
- The plan was adopted in 2009.
- The City is committed to developing and redeveloping bikeable/walkable transportation routes to meet the goals of the plan.
- City looking to connect these routes internally and to regional routes.
- Several Bikeable/Walkable Priorities were identified by the Committee.



**LEGEND**

<b>Great Rivers Greenway Sidewalks</b>	3 - 4.5
Active	3 - 6
Proposed	4
<b>City Greenways</b>	4 - 6
Proposed	4 - 6
<b>OWL Trails</b>	4 - 6
Proposed	4 - 6
<b>Paths</b>	10
Park Path	Other Sidewalks
Other Path	
<b>Subd Trails</b>	<b>Priorities</b>
4.5	1
6	2
8	3
10	4
Traffic	5
Park Areas	6
	7
	8
	9
	Other

- Priorities**
1. Page Ave (Dardenne to Bryan)
  2. Technology (West of Winhaven to Progress Point)
  - 3a. Winhaven/Bryan Rd
  - 3b. Highway K
  5. Recreational Trails (Civic to Dames, Home Depot to Fort Z)
  6. Terra Ln (North Central to eastern city limit)
  7. Fesse Rd (Highway K to Bryan Rd)
  8. Belleau Creek/Knaust Rd
  9. All other non-prioritized projects



North

0 100 200 300 Feet



# **Bikeable/Walkable Priorities**

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- Page South Outer Road – Bryan to Hwy K
- Technology Drive – Progress West to Hwy N
- Winghaven/Bryan - I-64 to West Terra
- Hwy K – Fill in gaps on both sides
- City Recreation Trails
- West Terra-North Central
- City - Feise Road/Laura Hills-Bryan to Knaust
- City - Knaust/Belleau Creek/TR Hughes Blvd – Hwy 79 - SCCC



# Resources

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- Street Road Improvement Fund
- Parks and Recreation Fund
  - Street & Parks Fund work together to allocate funds.
  - Every two years each fund \$25,000
- Grants
  - Enhancements from EWGW
  - Safe Routes to School
  - Department of Energy
  - RTP – Recreation Trails Program
  - GRG – Great Rivers Greenway





# Project Status

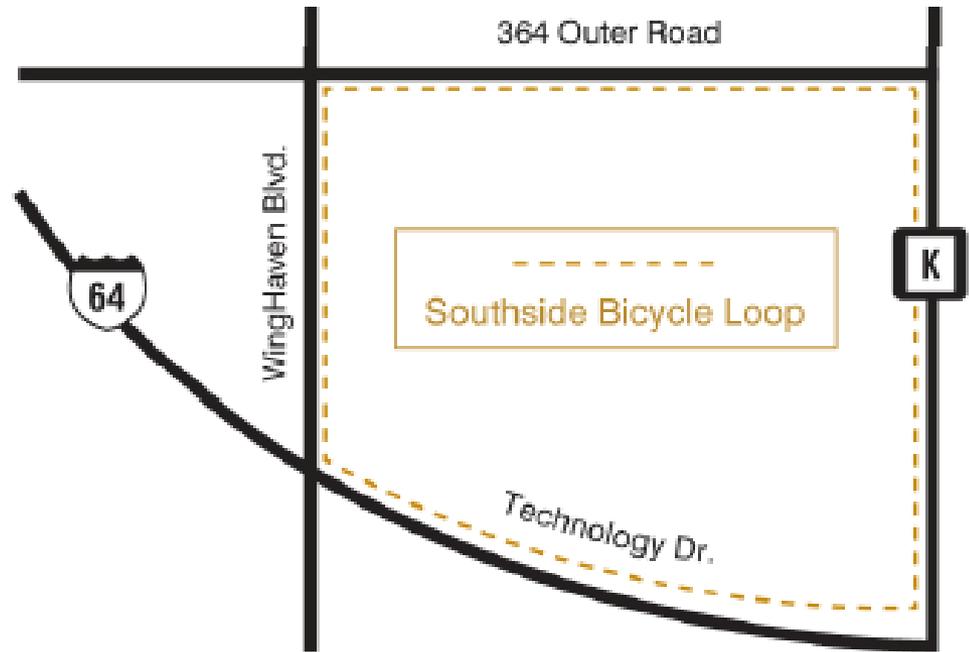
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- 2012-2015 Trail Projects
  - Quick Overview
  - Status
  - Funding



# Southside Bicycle Loop Project

- Quality of life / Recreational improvements
  - This project will incorporate more bike paths throughout the city and make it more accessible for citizens.
  - This can encourage citizens to start using bikes as their main source of travel.





# Southside Bicycle Loop Project

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- Currently under construction and scheduled to be completed in October
- Construction costs about \$355,000 with \$267,000 covered through STP funding



# Southside Bicycle Loop Project

- This loop has been a popular route for Bicyclists for many years.



- Improve safety by providing signage, striping and improving the shoulder area's.



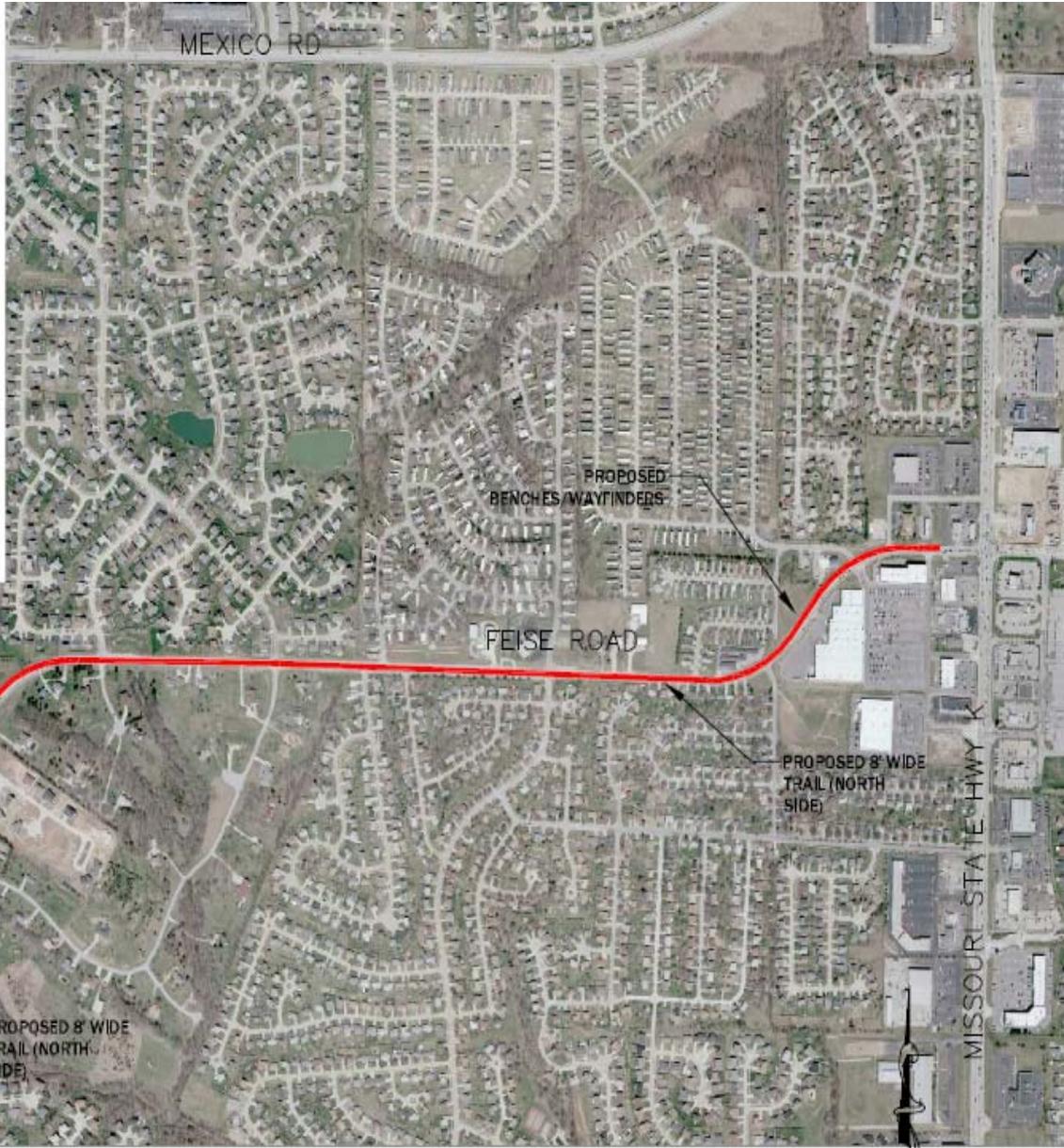
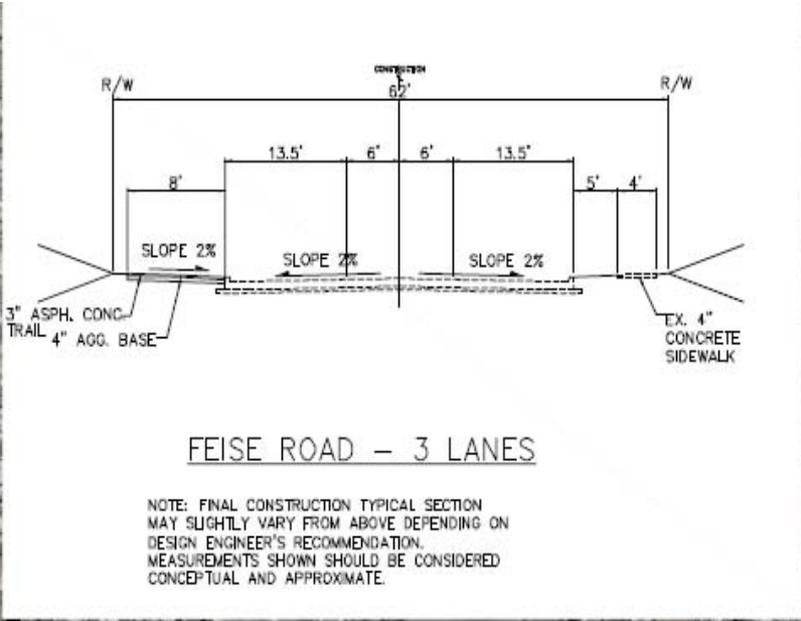
# Feise Road Path

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- By constructing a path along Feise Road, it will provide several benefits
  - Promote the health of citizens
  - Reduce car usage and promotes other sources of travel such as bikes, thus contributes to a cleaner city.
- Project also includes connection of sidewalk on Knaust Road and on Belleau Creek Road



©BNP Design Studio \* [www.ClipartOf.com/1075291](http://www.ClipartOf.com/1075291)



**CITY OF O'FALLON**  
**2010 STP-E APPLICATIONS**  
**FEISE ROAD TRAIL AND OTHER SIDEWALK CONNECTIONS**  
**APPENDIX B - PROJECT MAP & TYPICAL SECTION**  
**SEPT. 10, 2010**

NOTE: HANDICAP RAMP AT ALL PUBLIC STREET CROSSINGS

Note: project map is preliminary representing the best judgment of project limits at this point in the project development and that feasibility and design requirements will determine actual project limits.



N.T.S.



# Feise Road Path

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- Construction Budget - \$532,800 with 80% of funding covered by STP (up to \$426,240)
- Bids opened on September 14
  - Low bidder was NB West with a bid of \$453,000
- Construction contract was approved by Council on September 27.
- Awaiting MoDOT concurrence in award
- Construction completion date is May 31, 2013

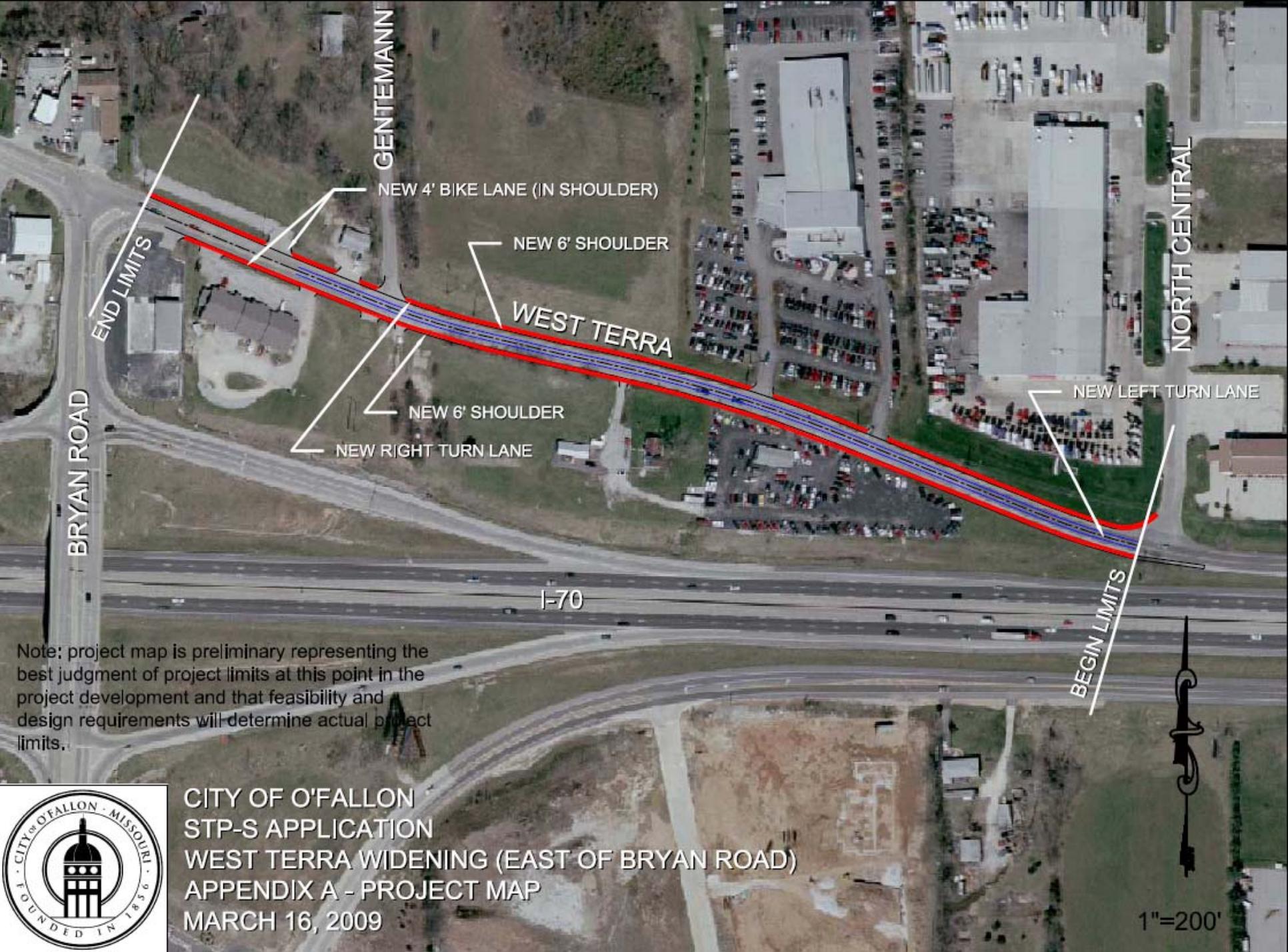


# West Terra Widening Phase 1 and 2

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- Repave and extend West Terra to accommodate new bike lanes and left turn lane.
- Completed construction in 2011.
- Bike/Ped. facilities are given additional points in application for Federal funds and Country Road Board funds.





END LIMITS

NEW 4' BIKE LANE (IN SHOULDER)

NEW 6' SHOULDER

WEST TERRA

NEW 6' SHOULDER

NEW RIGHT TURN LANE

NEW LEFT TURN LANE

BEGIN LIMITS

BRYAN ROAD

GENTEMANN

NORTH CENTRAL

I-70

Note: project map is preliminary representing the best judgment of project limits at this point in the project development and that feasibility and design requirements will determine actual project limits.



CITY OF O'FALLON  
STP-S APPLICATION  
WEST TERRA WIDENING (EAST OF BRYAN ROAD)  
APPENDIX A - PROJECT MAP  
MARCH 16, 2009



1"=200'

BROOKSIDE SUBDIVISION

END LIMITS

WASTE TRANSFER

NORFOLK SOUTHERN RR

PERUQUE CREEK

HOFF ROAD

WEST TERRA

NO WIDENING/OVERLAY

NO WIDENING/OVERLAY

QUARRY

BEGIN LIMITS

LAKE ST. LOUIS BLVD

NO WIDENING/OVERLAY

I-70

BRYAN ROAD

COMMUTER LOT

LAKE ST. LOUIS





# West Terra Widening Phase 3

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- Project to resurface West Terra Lane from Hoff Road to Guthrie Road and includes shoulder widening for addition of bicycle lanes.
  - Allows room for heavy truck traffic to access nearby businesses
  - Will also improve safety and traffic lights at intersections for pedestrians.



# West Terra Widening Phase 3

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- Currently under design with scheduled construction to begin April 2013
- Estimated Construction Cost- \$1,110,000
  - \$920,000 covered by STP
  - \$207,000 covered by CRB





# West Terra Widening Phase 4 and 5

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- Phase 4 – North Central to Main Street
- Phase 5 – Main Street to Hwy 79
- This will complete the accommodations of bike lanes on all of E/W Terra Lane from Guthrie to Hwy 79.



Elaine  
Road

North  
Central

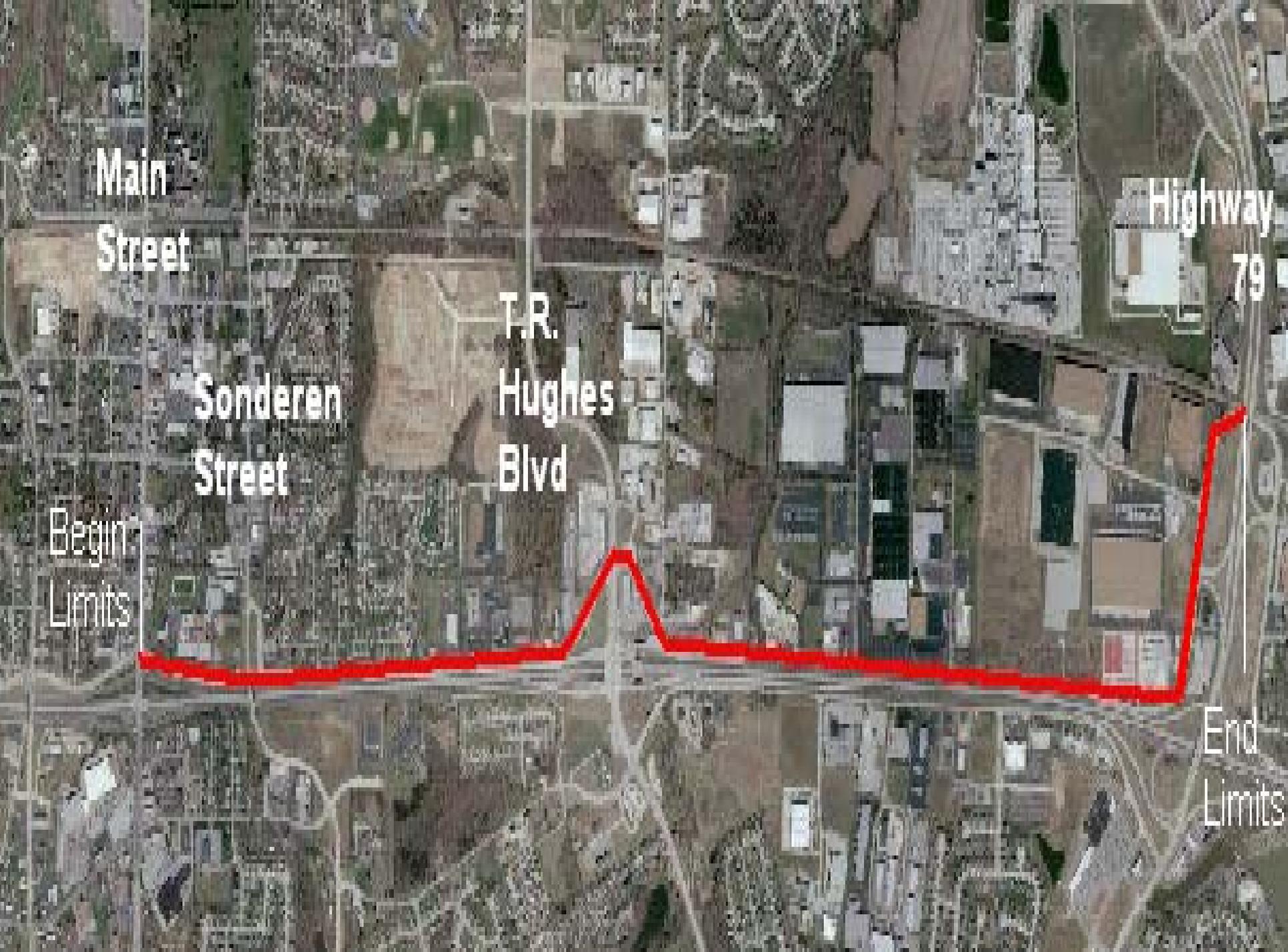
Begin  
Limits

Westridge  
Road

Woodlawn  
Avenue

Main  
Street

End  
Limits



Main Street

Highway 79

Sonderen Street

T.R. Hughes Blvd

Begin Limits

End Limits



# Elaine Drive Improvements

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- Scope
  - 3 lane roadway, sidewalk, improved roadway and enclosed storm sewers
- Benefits-
  - Increases safety by allowing pedestrians to walk on sidewalks
  - Improves riding surface / pavement condition





INSTALL 2 ADDITIONAL RAILROAD GATES, TO MAKE THIS A QUAD-GATE TO IMPROVE SAFETY.

EX. RETENTION BASIN

NORTH CENTRAL IND.

Note: project map is preliminary representing the best judgment of project limits at this point in the project development and that feasibility and design requirements will determine actual project limits.



CONSTRUCT MISSING SEGMENTS OF SIDEWALK

RAILROAD

MATCHLINE

INSTALL BIKE LANE TO WEST TERRA; CONNECT TO CURRENT CITY PROJECT "WEST TERRA PH. 1"

MATCHLINE

ST. DOMINIC HIGH SCHOOL

NOT TO SCALE

WIDEN TO 3 LANES, ADD SIDEWALK ALONG ONE SIDE. CONSTRUCT NEW STORM SEWER SYSTEM TO ENCLOSE DITCHES.

WEST TERRA

I-70





# Elaine Drive Improvements

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- Currently under design - 75% complete
- ROW acquisition started in August 2012
- Total project cost – \$1,930,000; County Road Board will cover 90% of the costs



# Resurface MPT along Bryan and Mexico

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- Extended trail and resurfaced Bryan and Mexican roads for new walkable/bikeable trails.
- Project cost \$164,000 with \$150,000 funding covered by the Department of Energy.



FEISE RD

EXISTING TRAIL

REMOVE EX. TRAIL BARRICADES. CONNECT FLUSH TO EXISTING

VERTICAL CURBING EXISTS NORTH OF THIS LINE. PROPOSED TRAIL TO BE INSTALLED DIRECTLY BEHIND CURB.

CONSTRUCT 8' WIDE ASPHALT TRAIL, SEPARATED FROM EX. EDGE OF PAVEMENT.

**BRYAN ROAD**

NOTE: AERIAL IMAGERY IS FROM 2005-2006 AND MAY NOT REPRESENT CURRENT CONDITIONS.

CONSTRUCT FLUSH TO EXISTING.

EXISTING TRAIL

EXISTING SIDEWALK

**HIGHWAY N**



CITY OF O'FALLON  
10-012 DOE ASPHALT TRAIL IMPROVEMENTS  
PROJECT MAP  
SHEET 1  
SEPT. 10, 2010

NOT TO SCALE

MATCHLINE  
THIS SHEET

UPGRADE NORTHEAST  
CURB RAMP ONLY AT THIS  
LOCATION TO ADA  
STANDARDS

UPGRADE 2 CURB RAMP  
TO ADA STANDARDS AT  
THIS LOCATION (FYP)

MEXICO RD

NORWOOD  
HILLS DR

CRIMSON  
MEADOWS DR

BRYAN ROAD

FEISE RD

TRAIL MAINTENANCE

I-70

VETERANS MEM. PKWY

EXTEND TO GAS STATION ENTRANCE

TRAIL MAINTENANCE

UPGRADE 2 CURB RAMP  
TO ADA STANDARDS AT  
THIS LOCATION (FYP)

NOTE: AERIAL  
IMAGERY IS FROM  
2005-2006 AND  
MAY NOT  
REPRESENT  
CURRENT  
CONDITIONS.

WHITE MAGNOLIA DR

PEDROTTI LN

PASCALE CT

BRYAN ROAD

SETTING BULL

MATCHLINE  
THIS SHEET

MEXICO RD

NOT TO SCALE



CITY OF O'FALLON  
10-012 DOE ASPHALT TRAIL IMPROVEMENTS  
PROJECT MAP  
SHEET 2  
SEPT 10, 2010

NOTE: AERIAL  
IMAGERY IS FROM  
2005-2006 AND  
MAY NOT  
REPRESENT  
CURRENT  
CONDITIONS.

BRYAN ROAD

TURTLE CREEK

MEXICO ROAD

UPGRADE 2 CURB RAMP  
TO ADA STANDARDS AT  
THIS LOCATION (TYP)

TRAIL MAINTENANCE

STONE CREEK  
VALEY CIR

STONE CREEK  
VALEY CIR

HIGHWAY K

NOT TO SCALE

NOTE: TRAIL LOCATED ALONG SOUTH SIDE OF MEXICO

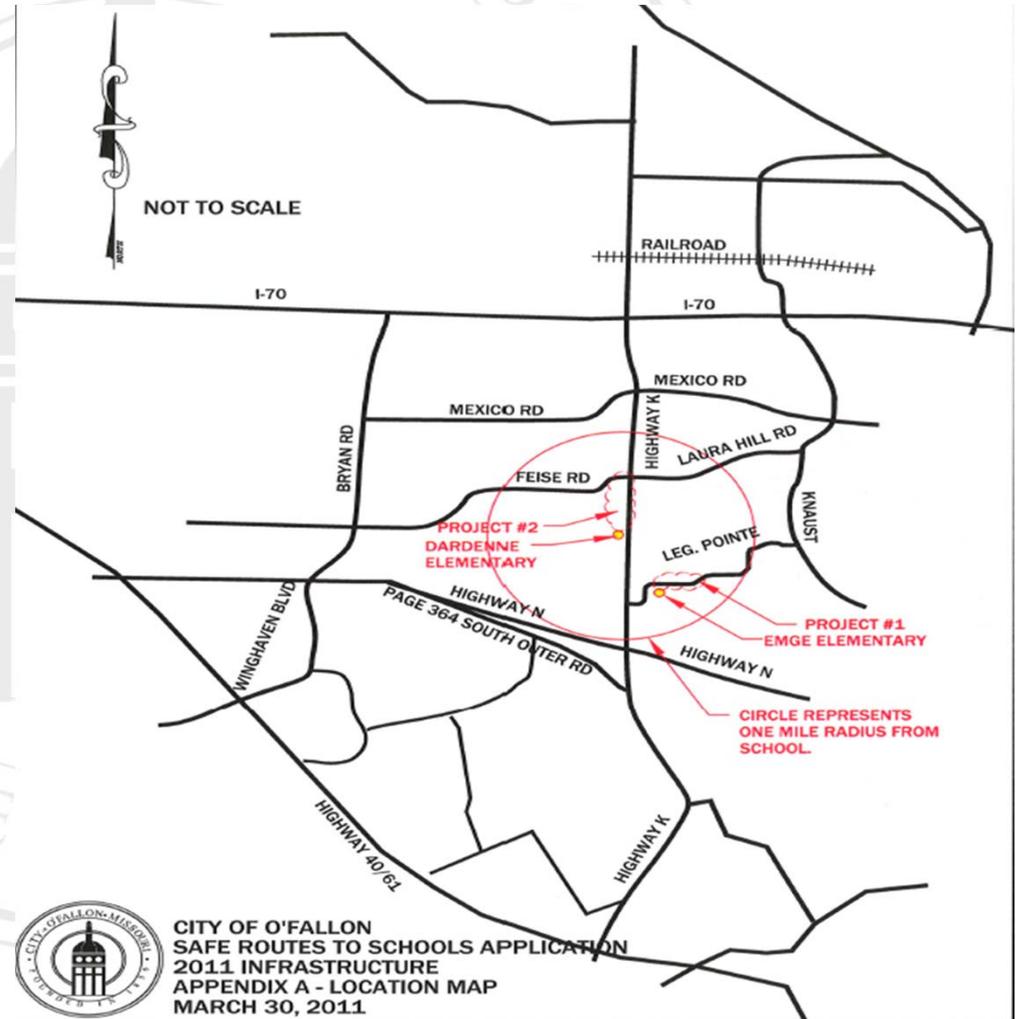
CITY OF O'FALLON  
10-012 DOE ASPHALT TRAIL IMPROVEMENTS  
PROJECT MAP  
SHEET 3  
SEPT. 10, 2010





# Safe Routes to School

- Provide more safe accessible routes to the nearby elementary school for walking students.





# Section 405.390 Required Subdivision Design and Improvement Standards

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- Current process
  - Acquire ROW and Easements whenever possible.
  - Require developers to construct per Ordinance.
  - Current Ordinance only allows developer to contribute funds if there is a pending road construction project.



# Developer Contributed Sidewalks

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- West Terra Phase I
- Elaine Drive
- Sections along VMP
- Sections along K
- Sections along DD
- Sections along Page South Outer Road
- Sections along T.R. Hughes



# Improving our process

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- *Required fee in lieu of sidewalk or multi-purpose trail installation.* If it is determined by the City Engineer that it would be in the best interest of the City to postpone the installation of sidewalks and/or multi-purpose trails, the adjacent property owner shall be required to make a cash contribution to the City (or other applicable government agency) in lieu of the sidewalk and/or multi-purpose trail installation. Said fee shall be calculated as a fixed amount per lineal foot based on the estimated cost as of the date that escrows are established. Typically, this estimate shall be made by the owner's agent and submitted to the City for review and approval. At a time to be determined by the City, the City will be required to install sidewalks and/or multi-purpose trails on this property. Once the sidewalk or multi-purpose trail fee is paid for on a particular property, this lot shall no longer be required to provide a sidewalk or multi-purpose trail. The fees collected herein shall be recorded as revenue in the City's Street and Road Improvement Fund. (R.O. 2007 §405.390; Ord. No. 1499 Exhibit A, 8-17-87; Ord. No. 4591 §3, 11-18-03; Ord. No. 4680 §3, 6-28-04; Ord. No. 4872 §4, 7-20-05; Ord. No. 4875 §8, 8-1-05; Ord. No. 5323 §1, 5-8-08)



# **Bikeable/Walkable Community Plan**

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- Input for future trails?
- Questions/Comments?