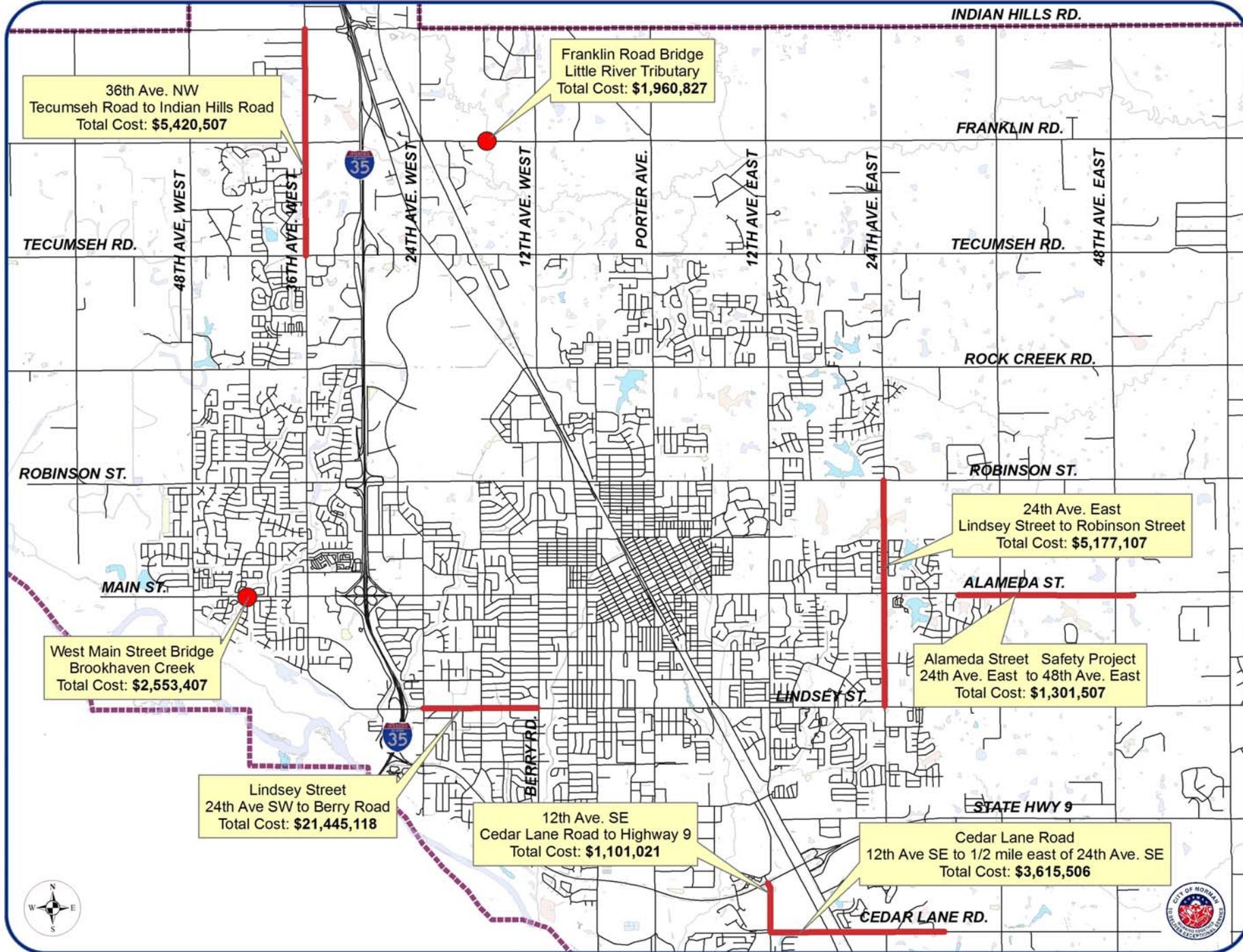


General Obligation Bond Projects FYE 2013 - 2018





36th Ave. NW
 Tecumseh Road to Indian Hills Road
 Total Cost: \$5,420,507

Franklin Road Bridge
 Little River Tributary
 Total Cost: \$1,960,827

West Main Street Bridge
 Brookhaven Creek
 Total Cost: \$2,553,407

Lindsey Street
 24th Ave SW to Berry Road
 Total Cost: \$21,445,118

12th Ave. SE
 Cedar Lane Road to Highway 9
 Total Cost: \$1,101,021

Cedar Lane Road
 12th Ave SE to 1/2 mile east of 24th Ave. SE
 Total Cost: \$3,615,506

24th Ave. East
 Lindsey Street to Robinson Street
 Total Cost: \$5,177,107

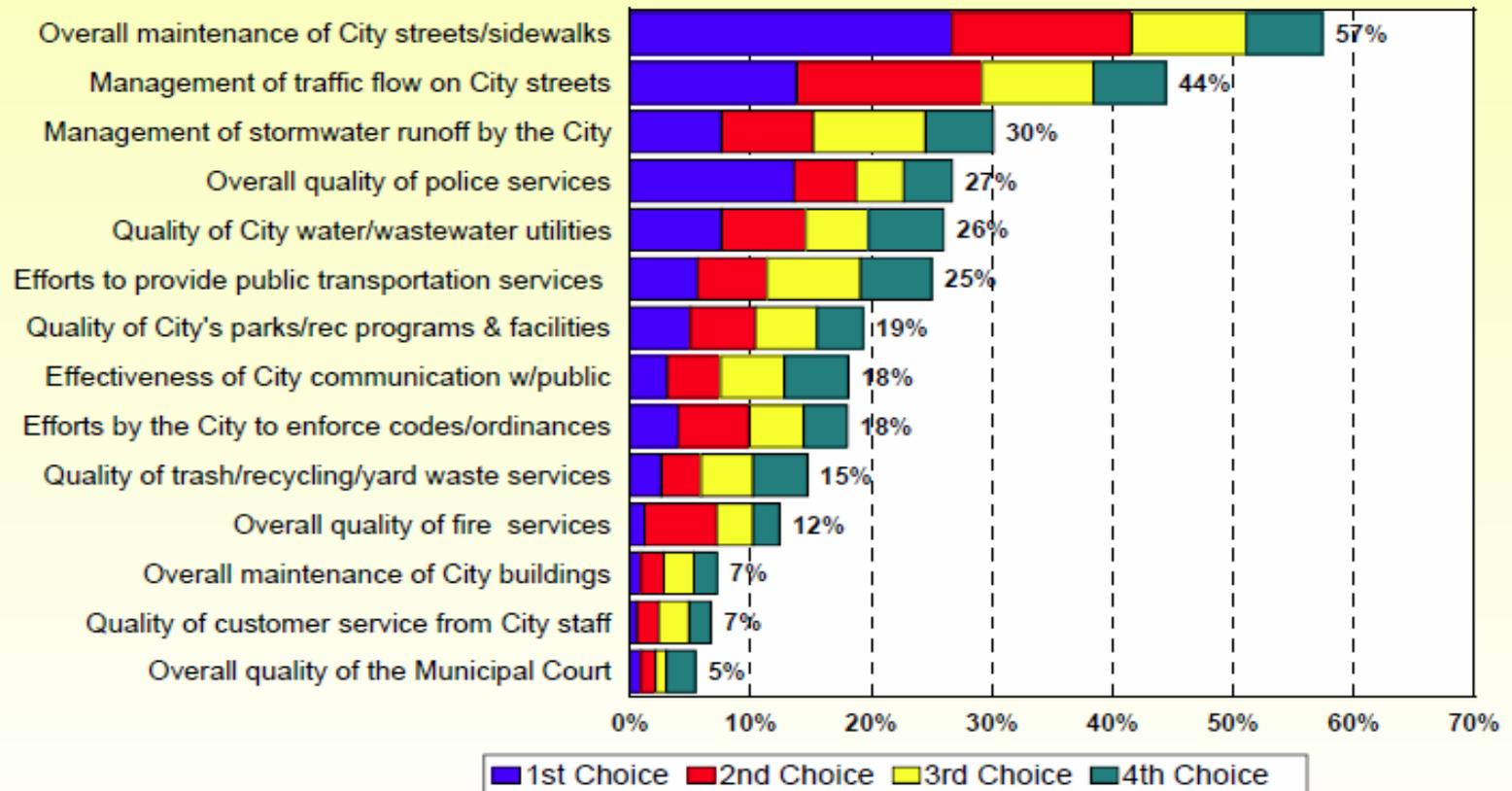
Alameda Street Safety Project
 24th Ave. East to 48th Ave. East
 Total Cost: \$1,301,507



2009 City of Norman Community Survey – Final Report

Q2. City Services That Are The Most Important For The City of Norman to Emphasize Over the Next Two Years

by percentage of respondents who selected the item as one of their top four choices

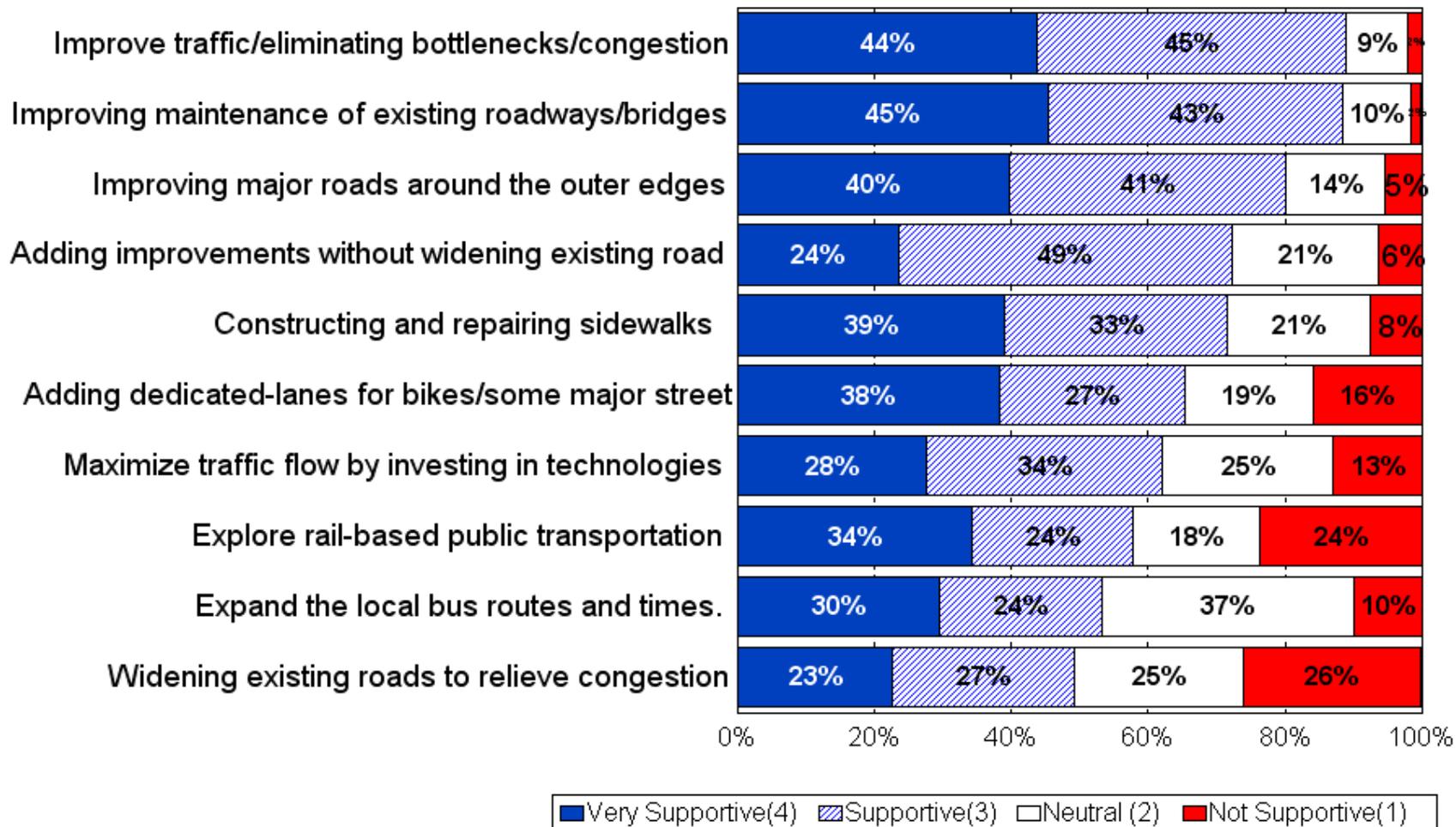


Source: ETC Institute (2009)

2011 CTP Survey Results

Q5. Level of Support for Various Transportation Improvements

by percentage of respondents who rated the item as a 1 to 4 on a 4-point scale (excluding don't knows)



**Combined Storm Water/Transportation Improvements
General Obligation Bond Project (FFY 2013-2017)
Cost Reduction with Federal Funding**

Storm Drainage and Street Widening Projects	City Project Cost		Federal Share
	Without Federal Funding	With Federal Funding	
W. Main Street Bridge	\$ 4,138,407	\$ 2,553,407	\$ 1,585,000
Lindsey St.: 24 th SW to Berry*	**32,945,118	**21,445,118	*11,500,000
Franklin Road Bridge	4,520,827	1,960,827	2,560,000
Sub-Total	\$ 41,604,352	\$ 25,959,352	\$ 15,645,000
Street Widening Projects	Without Federal Funding	With Federal Funding	Federal Share
Cedar Lane-12 th SE to ½ mi. 24 th Ave	\$ 9,846,786	\$ 3,615,506	\$ 6,231,280
12 th SE- Cedar Lane - Hwy 9	3,181,021	1,101,021	2,080,000
24 th Ave SE - Lindsey - Robinson	13,007,507	5,177,107	7,830,400
36 th NW - Tecumseh - Indian Hills	16,920,507	5,420,507	*11,500,000
East Alameda Street Project	4,942,507	1,301,507	3,641,000
Sub-Total	\$ 47,898,328	\$ 16,615,648	\$ 31,282,680
GRAND TOTAL	\$ 89,502,680	\$ 42,575,000	\$ 46,927,680
		(48%)	(52%)

* Leveraging of federal funds is limited for this project due to its high costs. The maximum City of Norman ACOG funding per year is \$11.5 million.

** This cost includes \$4,345,000 for storm water projects north of Lindsey Street along McGee Avenue and Wylie Road. It is a non-participating cost and must be paid 100% by the City of Norman.



- Replaces existing 4-lane bridge over Brookhaven Creek
- Reduces flooding of roadway and downstream properties
- Stabilizes 2,000 feet of downstream creek
- Improves public sidewalks and accessibility
- Replaces 1,000 feet of pavement on West Main Street



Main Street west of 36th Avenue NW Bridge Replacement



0 110 220 440 Feet
[Scale bar]

West Main Street Bridge at Brookhaven Creek – ½ mile east of 48th Avenue West



- Near failure of bridge in August 2007
- After heavy rainfall, storm water overtops West Main Street
- High maintenance
- Cuts off access to West Main Street

- Widens 1 mile of roadway from 3-lane to 5-lane
- Major storm water improvements
- Continuous public sidewalks and accessibility
- Streetscape beautification
- Access management
- Replaces Imhoff Creek Bridge



Lindsey Street

From west of 24th Avenue SW to east of Berry Road

1 inch equals 800 feet

0 190 380 760 Feet

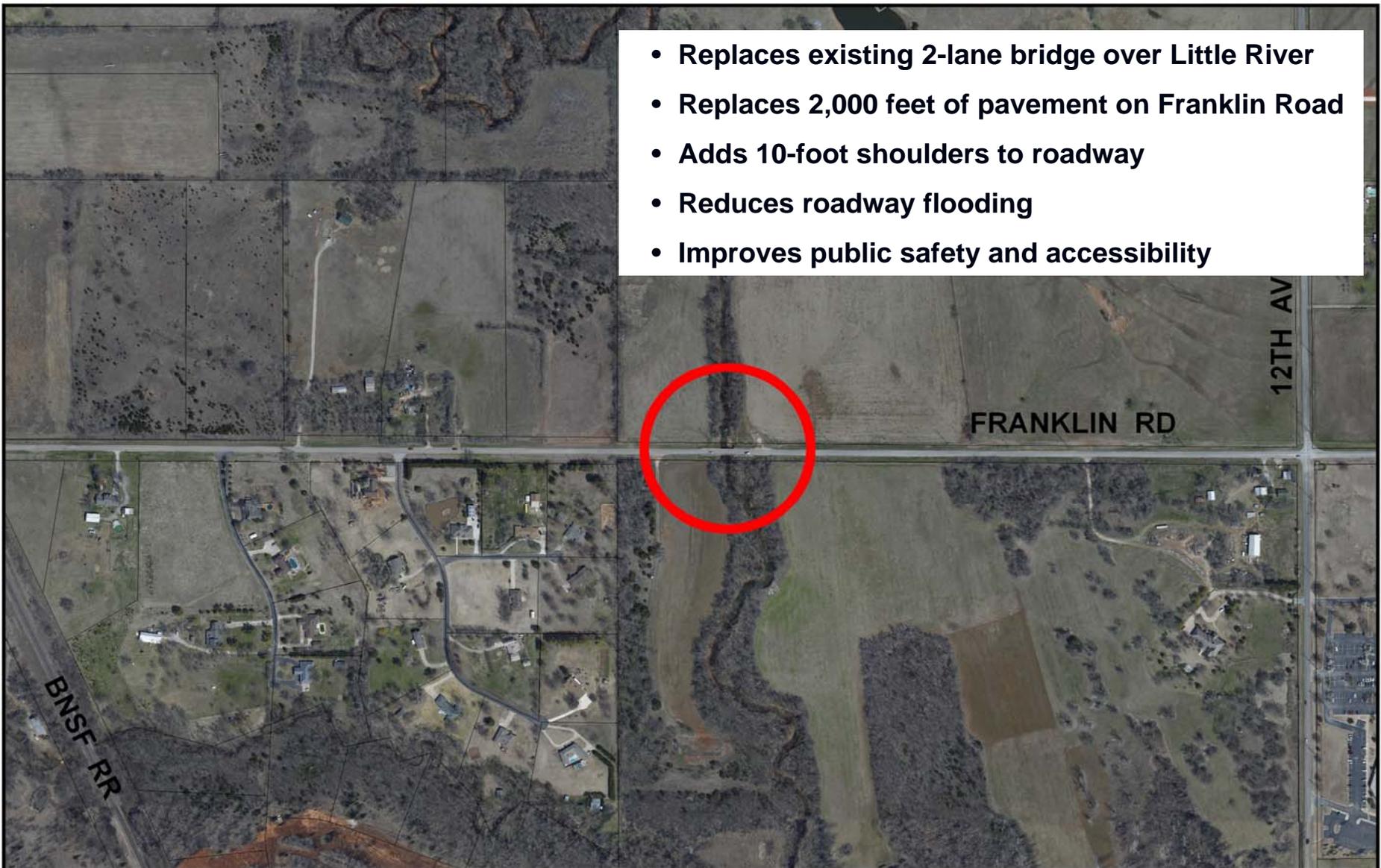


Lindsey Street 24th Avenue SW to Berry Road

- No. 1 rated storm water problem in Norman
- No. 1 traffic congestion corridor in Oklahoma City metropolitan area
- Crash rate is nearly 3 times the national average for similar roadways
- Opportunity to coordinate with I-35/Lindsey Street Interchange Project



- Replaces existing 2-lane bridge over Little River
- Replaces 2,000 feet of pavement on Franklin Road
- Adds 10-foot shoulders to roadway
- Reduces roadway flooding
- Improves public safety and accessibility

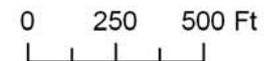


Franklin Road between 12th Ave NW and 24th Ave NW Bridge Replacement



Map Produced by the City of Norman
Geographic Information System.
(405) 366-5316
The City of Norman assumes no
responsibility for errors or omissions
in the information presented.

March 26, 2012



Franklin Road Bridge at Little River between 12th Avenue NW and 24th Avenue NW



- Heavy rainfall overtops Franklin Road
- Cuts off access to Moore/Norman Technology Center
- High Maintenance
- Roadway too narrow

- Widens 1 ½ mile of roadway from 2-lane to 4-lane
- Continuous public sidewalks and accessibility
- Railroad crossing improvements
- New traffic signal at 12th/Cedar Lane Road
- Intersection improvements at Classen (SH-77) and Cedar Lane Road
- Storm water improvements

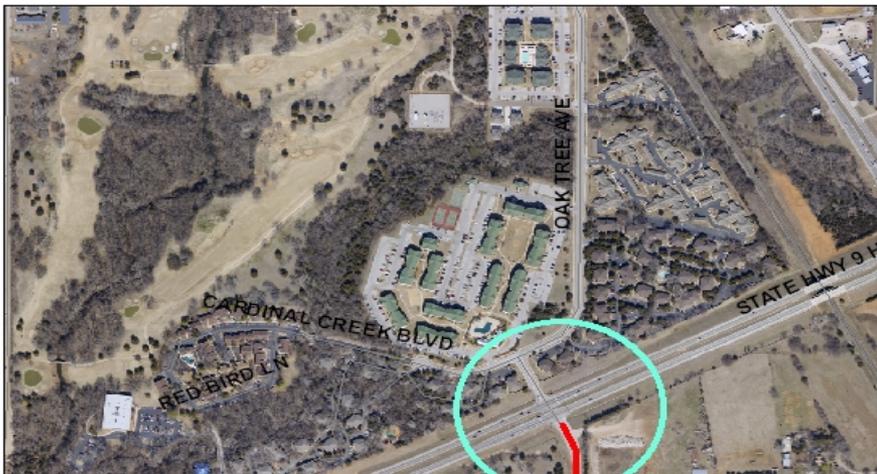


Cedar Lane Road, from 12th Avenue SE to east of 24th Avenue SE



1 inch equals 800 feet
 0 230 460 920 Feet

-  Widening
-  Intersection



- Widens 1/2 mile of roadway from 2-lane to 4-lane
- Traffic signal/intersection improvements at 12th Avenue SE and State Highway 9
- Possible traffic signal at Campus Crest Drive for new development
- Continuous sidewalks and accessibility
- Storm water improvements



12th Avenue SE

From Cedar Lane Road to State Highway 9



1 inch equals 700 feet

0 165 330 660 Feet



Three recently approved preliminary plats:

- 1,168 Apartment Units
- 825 Residential Lots
- 10,200 square feet of Commercial Building Space
- 21,600 square feet of Office Space

Campus Crest Addition
 (244 Residential Apartments and 21,600 square feet of office building space)

Cedar Lane Addition
 (845 Single Family Residential Lots and 10,200 square feet of commercial building space)

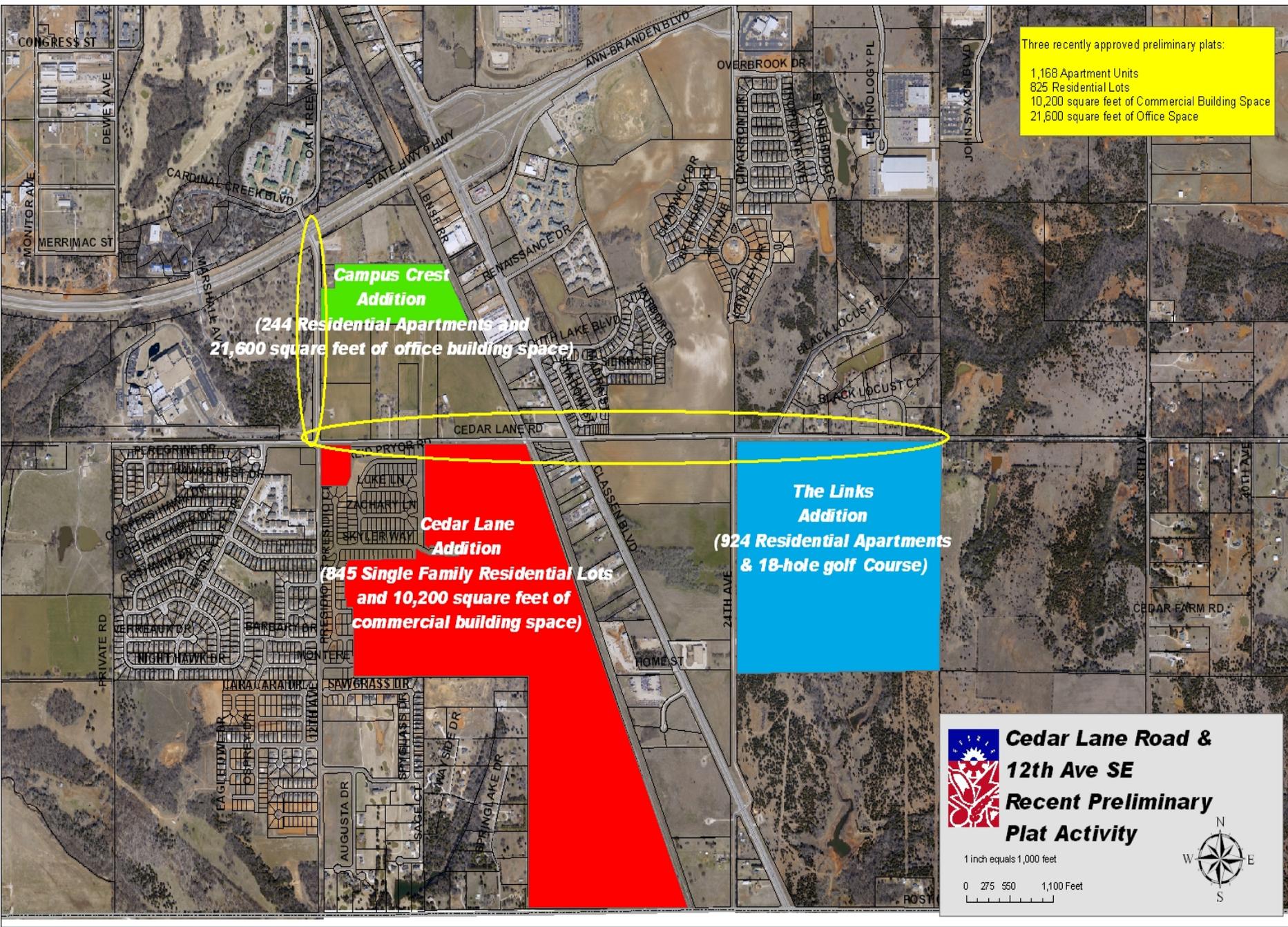
The Links Addition
 (924 Residential Apartments & 18-hole golf Course)

Cedar Lane Road & 12th Ave SE
Recent Preliminary Plat Activity

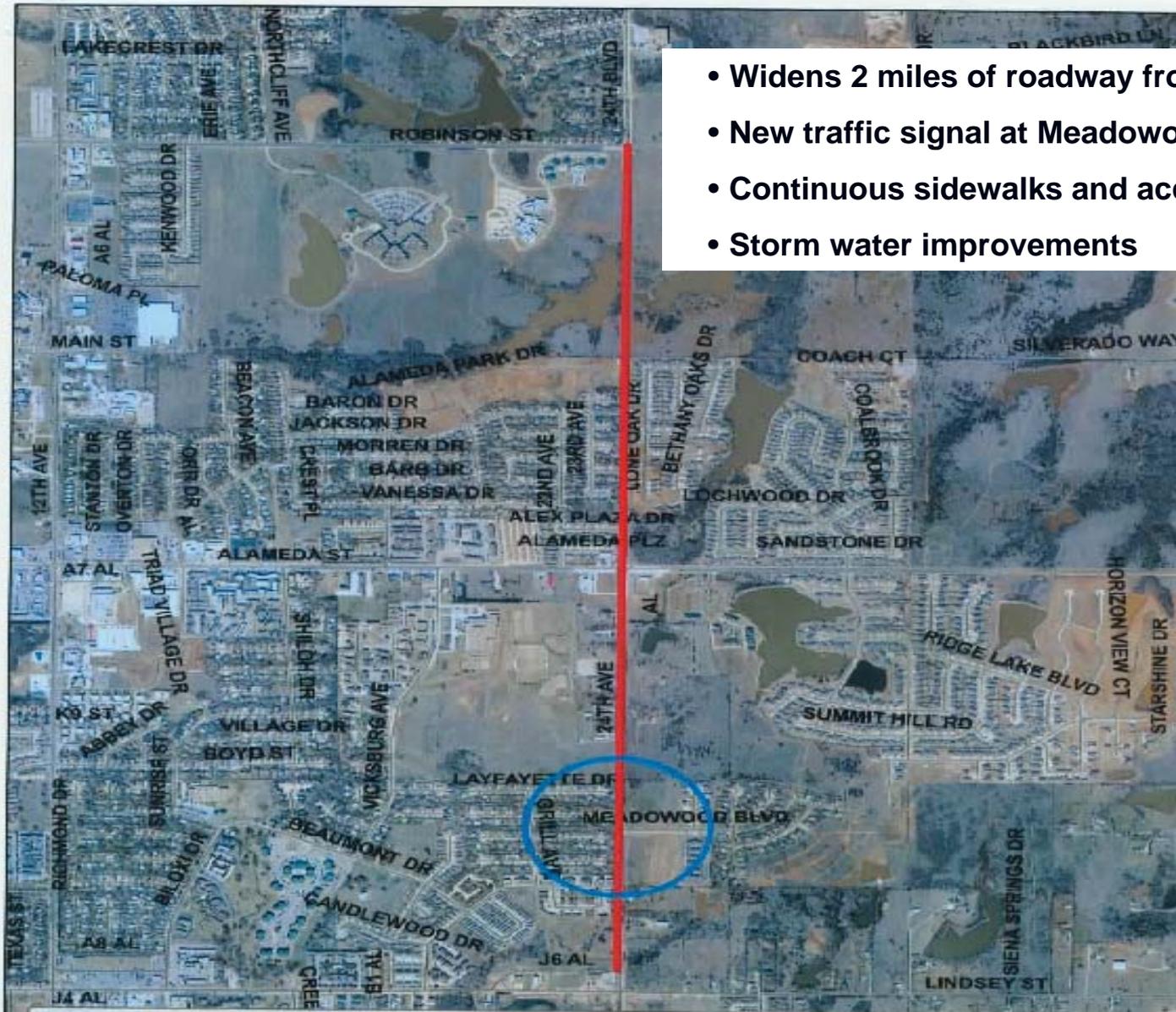


1 inch equals 1,000 feet

0 275 550 1,100 Feet

- Widens 2 miles of roadway from 2-lane to 4-lane
- New traffic signal at Meadowood Boulevard
- Continuous sidewalks and accessibility
- Storm water improvements



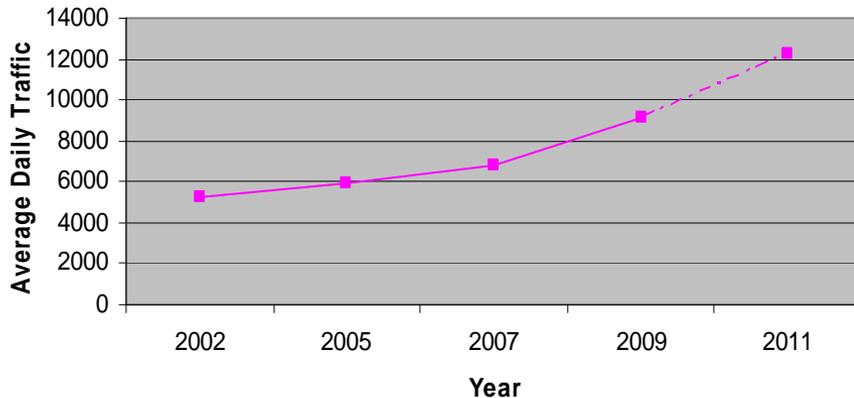
24th Avenue East
(From north of Lindsey Street to Robinson Street)

1 inch equals 1,400 feet
0 375 740 1,480 Feet



24th Avenue East (Lindsey to Robinson)

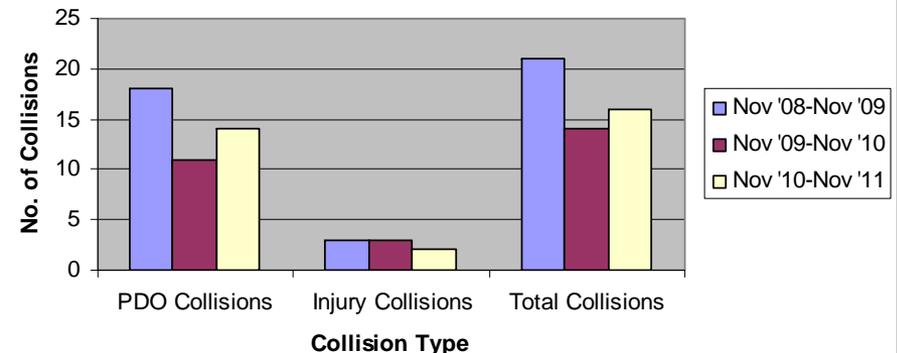
Traffic on 24th Avenue North of Alameda



- Count station located just north of Alameda
- Daily volume increased by nearly 75% from 2002 to 2009
- Operating at LOS D by 2011

- 51 total collisions in past three years
- 16% of all collisions involve injuries
- Significant delay attributed to collisions

24th Avenue Collision History (Nov 2008-Nov 2011)



- Widens 2 miles of roadway from 2-lane to 4-lane
- New traffic signals at 36th/Franklin Road and 36th/Indian Hills Road
- Storm water improvements
- Continuous sidewalks and accessibility
- Improves access to Ruby Grant Park

Indian Hills Road

Franklin Road

Ruby Grant Park

36th Ave. NW

Tecumseh

36th Avenue NW - Tecumseh Road to Indian Hills Road

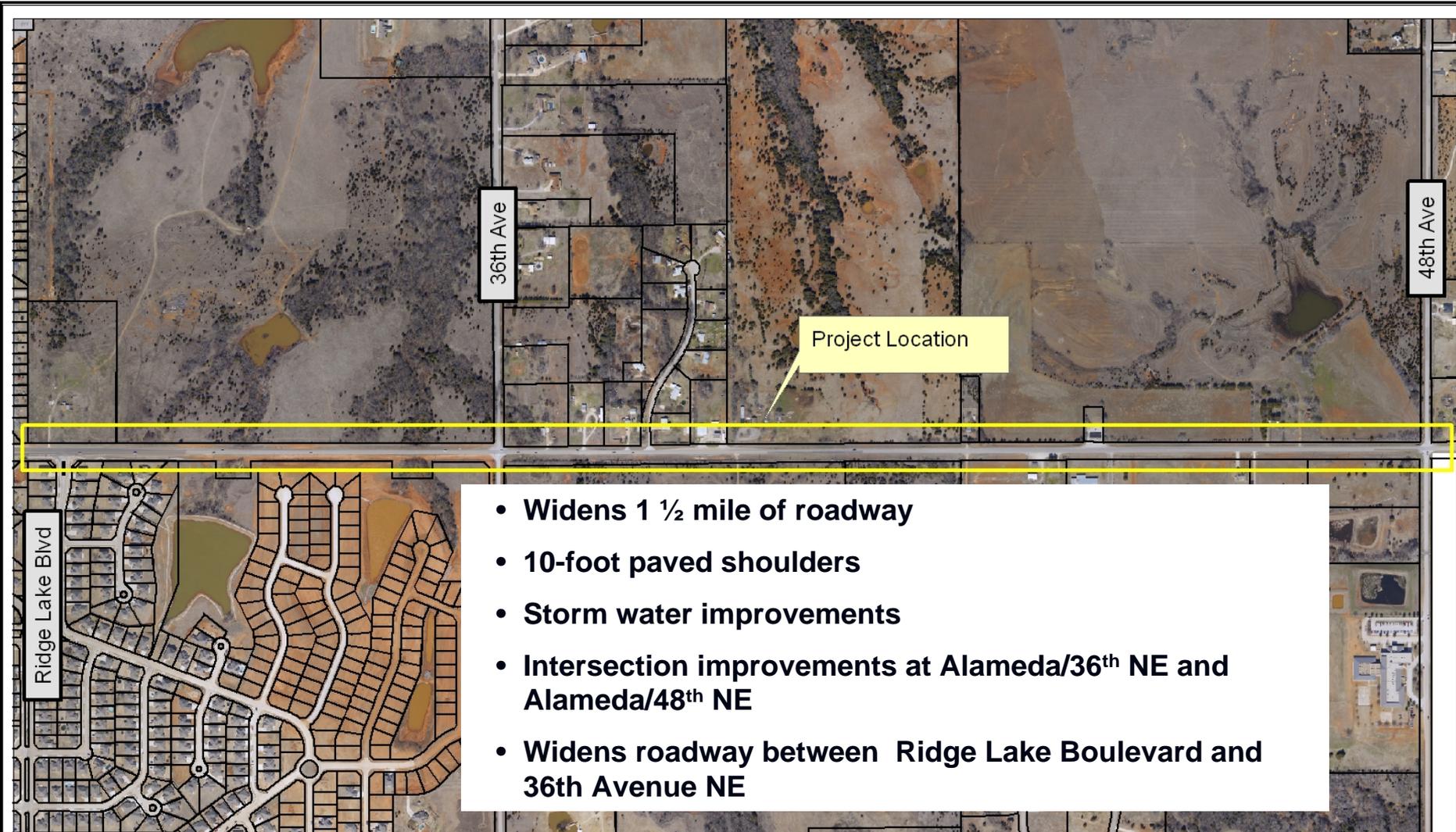
1 inch equals 1,000 feet
 0 235 470 940 Feet

New Traffic Signal

Institutional
 Assisted Living

N
 W E
 S

East Alameda Street Project



Alameda from Ridge Lake Blvd to 48th Ave. E



East Alameda Street Project



POTENTIAL CONSTRUCTION SCHEDULE

2012 Transportation / Storm Water Bond Projects

2013	2014	2015	2016	2017	2018
Cedar Lane Road	Main Street Bridge over Brookhaven Creek	12 th Avenue SE	Lindsey Street	24 th Avenue East	36 th Avenue NW
	Franklin Road Bridge over Little River	Alameda Street			
\$3,615,506	\$4,514,234	\$2,402,528	\$21,445,118	\$5,177,107	\$5,420,507

Key Issues

- Election Date: Tuesday, August 28, 2012
- 8 Transportation/Storm Water Projects
- Bond Amt = \$42,575,000; Total Cost= \$89,000,000
- Federal transportation funds = \$46,425,000
- West Lindsey St Project includes “Lake McGee”
- West Lindsey St Proj coordinates with I-35/Lindsey
- All projects constructed by 2018; start 2013
- Property tax increase \$3/mo on \$100,000 home

QUESTIONS

