

# A Street Improvement Plan for Macomb FY2011 – FY2020



City of Macomb

# Goal

- ▶ Implement a strategic pavement management and street improvement plan for the next 10 years to maintain, recondition and reconstruct city streets.
- ▶ Fund those improvements through the Local Infrastructure Sales Tax revenues.

# Street Improvement Plan

- ▶ Based on identified needs, the Street Improvement Plan projects Macomb street pavement maintenance and improvements possible over the next 10 years with:
  - Current funding levels (existing 1/2% sales tax)
  - If another 1/2% Local Sales Tax becomes available (1% Total Local Sales Tax)

# 2010 Street Conditions

- ▶ There are over 84 Miles of City Streets
  - 8.7 Miles are Failed (10%)
  - 6.4 Miles are Poor (8%)
  - 40.5 Miles are Fair (48%)
  - Only 28.4 Miles (34%) are in Good condition
- ▶ Total identified budget need is **\$23,500,000**

# Street Improvement Revenue Sources

- ▶ The only available revenue source for the Street Improvement Plan is the Local Infrastructure Sales Tax
  - Property Tax Revenues are committed to Public Safety, General government and pension obligations
  - Motor Fuel Tax revenues only support Public Works salaries and maintenance materials

# Current Resources Will Fund

- ▶ Maintenance and Reconditioning to keep good streets good (\$600,000/Year)
- ▶ Currently Committed Projects:
  - West University Drive/Western Avenue
  - West Adams Street
  - East Carroll Street
  - Wigwam Hollow Bridge
- ▶ No New Major Reconstruction or Resurfacing Projects

# Additional Resources Can Fund

- ▶ Maintenance and Reconditioning to keep good streets good (\$600,000/Year)
- ▶ Streets in Poor and Failed Condition Would be Prioritized and Scheduled as NEW Major Projects (\$12.1M over 10 Years)
- ▶ Currently Committed Projects

# Comparing Possible Resources

	<u>Existing 1/2% Sales Tax</u>		<u>Proposed 1% Sales Tax</u>	
	<u>Budget</u>	<u>Street Miles Improved</u>	<u>Budget</u>	<u>Street Miles Improved</u>
<b><u>Revenue Generated</u></b>	<b><u>\$9,000,000</u></b>		<b><u>\$17,450,000</u></b>	
<b>Recurring Expenses</b>	<b>\$2,000,000</b>		<b>\$2,000,000</b>	
<b>Street Reconditioning</b>	<b>\$4,000,000</b>	<b>70.2</b>	<b>\$4,000,000</b>	<b>70.2</b>
<b><u>Subtotal</u></b>	<b><u>\$6,000,000</u></b>	<b><u>70.2</u></b>	<b><u>\$6,000,000</u></b>	<b><u>70.2</u></b>
<b>Add Reserve Funds</b>	<b>\$445,000</b>		<b>\$445,000</b>	
<b>Available for Projects</b>	<b>\$3,445,000</b>		<b>\$11,895,000</b>	
<b>Resurfacing Projects</b>	<b>\$1,827,000</b>	<b>4.4</b>	<b>\$3,892,000</b>	<b>9.4</b>
<b>Reconstruction Projects</b>	<b>\$1,500,000</b>	<b>0.5</b>	<b>\$8,268,000</b>	<b>5.1</b>
<b><u>Subtotal</u></b>	<b><u>\$3,327,000</u></b>	<b><u>5.0</u></b>	<b><u>\$12,160,000</u></b>	<b><u>14.5</u></b>
<b>TOTAL STREET IMPROVEMENT</b>				



# Planned Pavement Treatments

- ▶ Maintenance and Reconditioning
  - Crack Sealing
  - Seal Coat
  - Micro-Surfacing
- ▶ Resurfacing
  - Cape Seal
  - Mill & Seal Coat
  - Mill & Concrete Overlay (Whitetop)
  - Mill & Asphalt Overlay
- ▶ Reconstruction
  - Full Depth Recycling and Seal Coat
  - Pavement Reconstruction

# Street Improvement Costs

Activities	Range of Cost per Lane Mile
Maintenance and Reconditioning Activities	\$9,500 - \$40,000
Resurfacing	\$63,000 - \$545,000
Reconstruction	\$174,000 - \$1,500,000

Maintaining Streets in Good Condition is Much Less Expensive than Rebuilding Failed Pavements

# A Word of Caution...

- ▶ The plan will be reevaluated every year based on real world conditions – Priorities may change
- ▶ “Your street” won’t be ignored – but others may take priority
- ▶ Construction costs are likely to rise faster than revenues – Plan is based on 2010 \$

# A Street Improvement Plan for Macomb FY2011 – FY2020

## *For More Information...*

Contact:

Mayor's Office (309) 833-2558

City Clerk's Office (309) 833-2575

Public Works Department (309) 833-2821

# Vision 2020:

## A Street Improvement Plan for

### FY2011 – FY2020



City of Macomb

# Our Goal

- ▶ Adopt a strategic pavement management and street improvement plan for the next 10 years...
  - Inform the Citizens of Macomb
    - Identify what can be accomplished with existing funding (1/2% Local Sales Tax)
    - Identify what can be done with a full 1% Local Sales Tax

# Street Improvement Plan

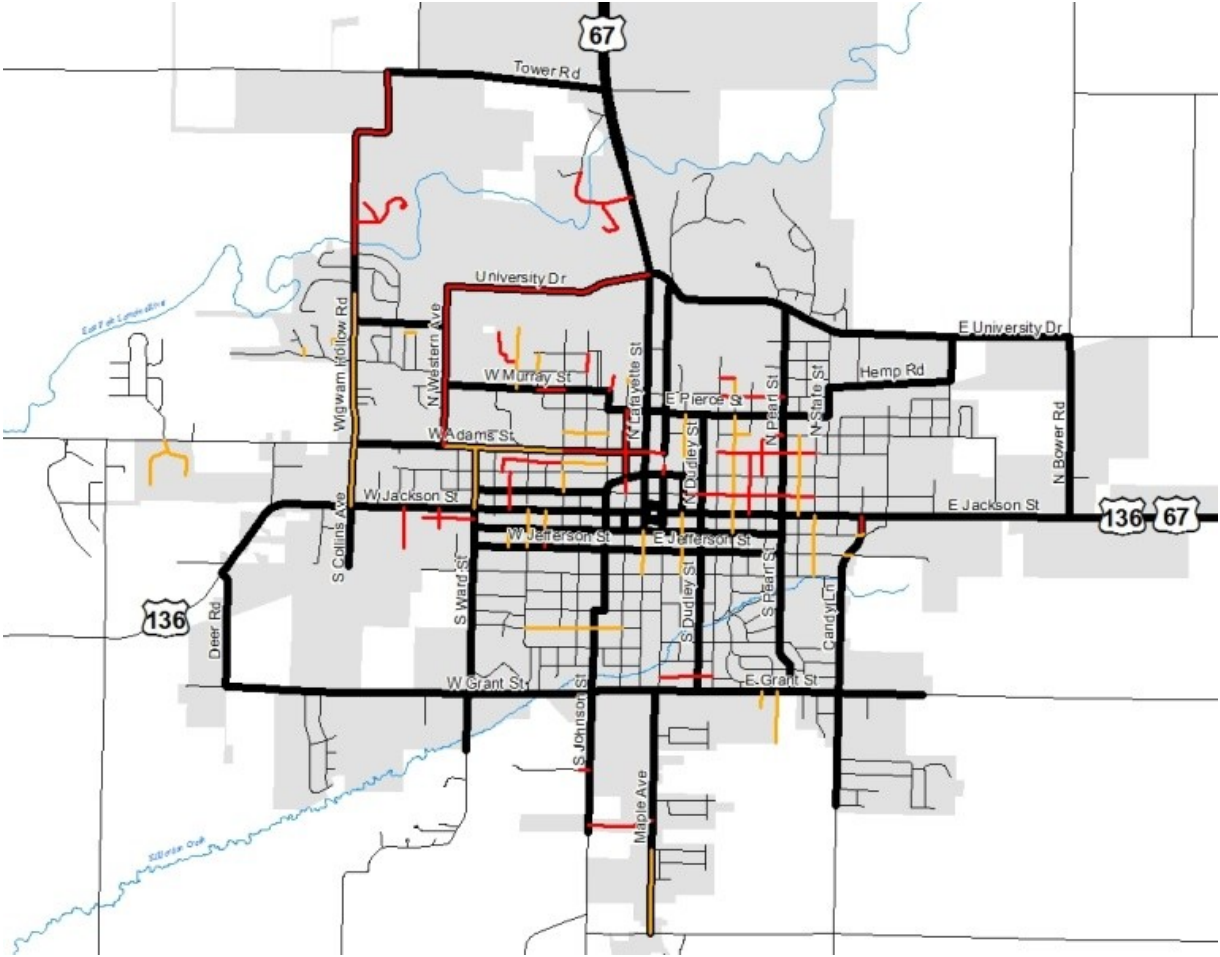
“Based on currently identified needs, the Street Improvement Plan projects the Macomb street pavement maintenance and improvements possible over the next 10 years with current funding (1/2% sales tax) and what could be accomplished if another 1/2% Local Sales Tax becomes available...”

# 2010 Street Conditions

- ▶ There are over 84 Miles of City Streets
  - 8.7 Miles are Failed (10%)
  - 6.4 Miles are Poor (8%)
  - 40.5 Miles are Fair (48%)
  - Only 28.4 Miles (34%) are in Good condition
  
- ▶ Total identified budget need is
  - **\$23,500,000**



# 2010 Failed and Poor Streets



# What Was Done with the First 1/2% Local Sales Tax

## ▶ Major Projects Completed

- Stacy Lane Reconstruction
- West Washington Resurfacing
- West Jefferson Resurfacing
- South Johnson Resurfacing
- Franklin Street Bridge & Reconstruction
- Compton Park Bridge Reconstruction
- South Ward Street Reconstruction
- Collins Ave. Reconstruction

# What Can Be Done with Current Resources

- ▶ **The 10 Year Street Improvement Plan:**
  - Assumes Local Sales Tax remains at ½%
  - Generates **\$900,000** per year
  - Assumes pay as you go
  - Plan would be subject to annual review with street conditions reevaluated every year
  - Maintenance would be emphasized to keep good streets good (\$600,000/Year)

# What Can Be Done with Current Resources

## ▶ The 10 Year Street Improvement Plan:

- Assumes No new major projects except those currently committed
  - West University Drive
  - Western Avenue
  - West Adams Street
  - East Carroll Street
  - Wigwam Hollow Bridge

# What Additional Resources Can Do

## ▶ The 10 Year Street Improvement Plan:

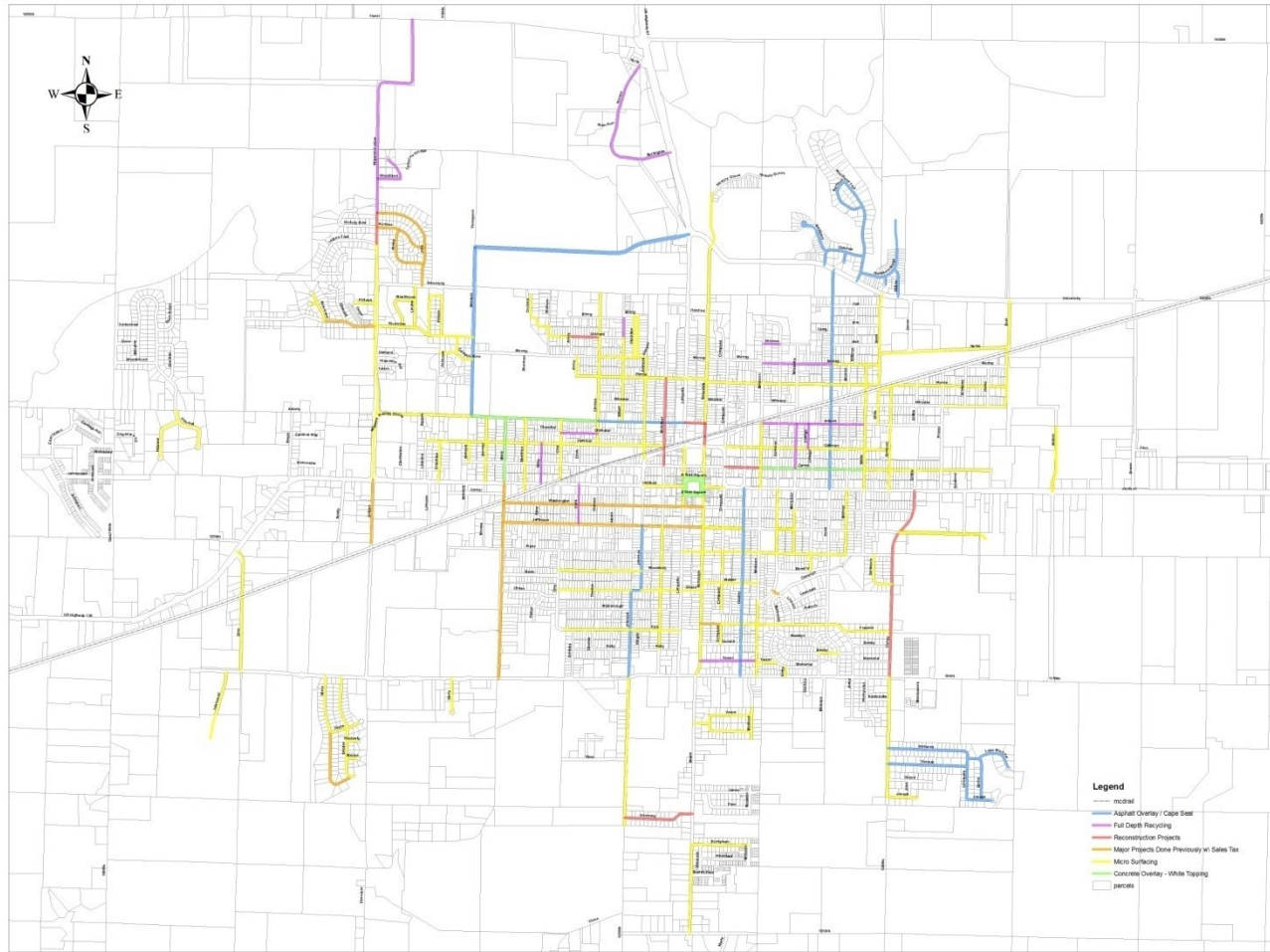
- Assumes Local Sales Tax Referendum passes for an additional ½% (1% Total)
- Would generate **\$1,800,000** per year
- Assumes pay as you go
- Plan would be subject to annual review with street conditions reevaluated every year
- Maintenance would be emphasized to keep good streets good (\$600,000/Year)

# What Additional Resources Can Do

## ▶ **The 10 Year Street Improvement Plan:**

- Reconditioning, resurfacing or reconstruction would be based on street type, construction, drainage, and condition
- Streets in poor and failed condition could be addressed as new major projects

# What Additional Resources Can Do



## Proposed 10 Year Improvements

Vision 2020: Street Improvement Plan

1/26/11

# What Additional Resources Can Do

	<u>Existing 1/2%</u>		<u>Proposed 1% Sales</u>	
	<u>Sales Tax</u>		<u>Tax</u>	
	<u>Street</u>		<u>Street</u>	
	<u>Miles</u>		<u>Miles</u>	
	<u>Budget</u>	<u>Improved</u>	<u>Budget</u>	<u>Improved</u>
<u>Revenue Generated</u>	\$9,000,000		\$17,450,000	
<u>Street Reconditioning</u>	<u>\$6,000,000</u>		<u>\$6,000,000</u>	
<u>Street Resurfacing and Reconstruction</u>	<u>\$3,327,000</u>	<u>5.0</u>	<u>\$12,160,000</u>	<u>14.5</u>
<b>TOTAL STREET IMPROVEMENTS</b>	<u>\$7,327,000</u>		<u>\$16,160,000</u>	
<b>10 YEAR BUDGET</b>	<u>00</u>		<u>00</u>	
<b>TOTAL STREET MILES IMPROVED</b>		<u>5.0</u>		<u>14.5</u>

Version 2020: Street Improvement Plan

1/26/11



# Planned Pavement Treatments

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# A Word of Caution...

*“Plans are worthless. Planning is essential.”*  
Gen. Dwight D. Eisenhower, (1890-1961)

**Plans can change – no guarantees**

# A Word of Caution...

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# Vision 2020: A Street Improvement Plan for FY2011 – FY2020

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Public Works Department (309) 833-2821

# *For More Information Contact...*

## **City Council**

**First Ward:** Ryan Hansen (309) 371-2815

**Second Ward:** Ed Lavin (309) 696-4858

**Third Ward:** Lou Gilbert (309) 833-5907

**Fourth Ward:** Mike Inman (309) 836-7211

**Fifth Ward:** Dave Dorsett (309) 836-9463

**Sixth Ward:** Tim Lobdell (309) 255-5727

**Seventh Ward:** Clay Hinderliter (309) 255-0386

**Alderman at Large:** Don Wynn (309) 837-3086

**Alderman at Large:** Dennis Moon (309) 837-3144