

# Road Referendum Presentation

03/19/14

# Objective

- Improve Villa Park's infrastructure, especially the rideability of Village streets
- Increase Villa Park safety through improved roads for residents and visitors alike
- Enhance the curb appeal of our resident's most important investment – their home!
- Make Villa Park more attractive to businesses and their clients and customers

# Situation

- Villa Park has 74 center line miles of streets
- Estimated asset value – \$97.7 million
- The current 0.5% sales tax provides about \$1.4 million annually
- Reconstruction cost (\$1.7 to \$1.9 million per mile)
  - North Michigan: \$786,000
  - Van Buren: \$523,000

# Situation

- Resurfacing costs
  - \$350,000 to 450,000 per mile
  - Kenilworth: \$458,000
  - Harvard/Washington: \$410,000
- 25.5 miles completed in last 7 years
  - 3.8 miles in 2013
- Sales tax funds pay for maintenance activities and resurfacing or reconstruction but not both

# Situation

- Since 2000, the Village has obtained \$19.2 million in grants and loans for 24 projects
- Generally only higher volume arterial and collector streets are eligible grant funding
- Village funds 100% for lower traffic volume streets
- \$2.3 million annual resurfacing – 14 year cycle

# Situation

- Maintenance activities
  - Crack Seal (joint bid)
  - Asphalt Rejuvenation
  - Patching (joint bid and in-house)
  - Grind and resurface (joint bid)
- Rehabilitation activities (capital improvements)
  - Pavement reconstruction
  - Curb and gutter replacement
  - Drainage improvements
  - Underground utilities
  - Parkway landscaping and signage

# Recent Actions

- Pavement Evaluation completed
  - Surface laser testing
  - Deflection testing
- Pavement data analysis
  - Current pavement condition – 76.5
  - Pavement rank improved from 67 during the past 20 years
  - Worst first approach - \$40 million (not recommended)
  - Blended approach recommended
    - Maintain condition of good streets (\$750 k annually)
    - \$23 million in rehab over seven years
    - Includes most unfunded CIP projects

# Pavement Condition

Condition	Rank Number	Street Length	Miles Of Street	% Of Total Miles
Failed	0-9	0	0.0	0.0%
Very Poor	10-39	932	0.2	0.2%
Poor	40-59	40,436	7.7	10.4%
Fair	60-69	58,091	11.0	14.9%
Good	70-79	82,214	15.6	21.1%
Very Good	80-84	69,472	13.2	17.9%
Excellent	85-100	137,980	26.1	35.5%
Grand Total			73.7	100.0%

# UNFUNDED ROAD CIP

STREET	FROM	TO
ASTOR CT	SUMMIT AV	MYRTLE AV
CONCRETE STREETS	VARIOUS	
MAPLE ST	SUMMIT AV	VILLA AV
MICHIGAN AV	PARK BV	MADISON AV
MICHIGAN AV	MADISON AV	JACKSON ST
MYRTLE AV	MADISON AV	TERRY LN
MYRTLE AV	PARK BV	HIGHLAND AV
OAK ST	DIVISION ST	VILLA AV
PARK BLD	VILLA	EAST END
PINE ST	SUMMIT AV	VILLA AV
SUMMIT AV	MAPLE ST	DIVISION ST
WISCONSIN	JACKSON	MADISON
YALE AV	MADISON AV	JACKSON ST



**Astor Ct. – Summit to Myrtle**



**Yale – Madison to Jackson**



**Park Blvd. – Villa to East End**

# Financing

- How do we pay for our road projects?
- The cost of reconstruction projects makes it cost prohibitive to fund from the Corporate Budget
- Current sales tax revenue insufficient for major road repairs
- Considering a referendum to issue bonds

# Implementation

- \$23 million over six years
  - Finalize six year plan
  - First year focus on resurfacing
  - Design of reconstruction projects (4 – 10 months)
  - Coordination with water, sewer, sewer separation, and drainage projects
- The Village has engineering partially completed for two unfunded reconstruction projects:
  - Park Boulevard from Villa to Riverside
  - Michigan from Park to Madison

# Implementation

- \$750,000 annual maintenance (existing revenue)
  - Crack sealing
  - Asphalt Rejuvenation
  - Patching
  - Grind and overlay
- All money generated will be spent on infrastructure
- If we get favorable prices more roads can be rehabilitated!

# Questions?

Vydas Juskelis  
Director Public Works  
630 834-8505

[juskelis@invillapark.com](mailto:juskelis@invillapark.com)