

# Villa Park Sales Tax Referendum

03/07/17

# Situation

- Villa Park has about 73 center line miles of streets
- Street Improvement Program – 24.7 miles
  - 10.7 of 19.3 miles referendum to be completed by 2017
  - 4.5 of 5.4 non-referendum to be completed by 2017
- Remaining 9.5 miles include unfunded elements
  - CIP Water main replacement (\$6.7 million)
  - CIP Combined Sewer Separation (\$18.0 million)
  - CIP Stormwater Improvements (\$7.6 million)

# Sales Tax Referendum

- Proposed 0.5% sales tax would help fund many of these projects
  - On April 4, 2017 ballot
  - If approved, \$1.5 million annually
  - File with State May 2017
  - Collections begin July 2017
  - First distribution October 2017

# Sales Tax Referendum

- Proposed - 0.5% sales tax increase
  - Provide funding for future infrastructure projects
  - Non-residents a major portion of revenues
  - Already implemented by neighboring communities

# Sales Tax Referendum



• Villa Park	7.5%
• Lombard	8.0%
• Elmhurst	8.0%
• Addison	8.0%
• Oak Brook Terrace	8.0%

# Sales Tax Referendum

- Types of projects funded
  - Combined sewer separation
  - Stormwater projects
  - Water main replacement
  - Post referendum roadway improvements
- Proposed used of funds
  - Dedicated source to repay interest loans
  - Matching funds for grants
  - “Pay As You Go” funding for engineering and construction

# Sales Tax Advantages

- Discretionary – based on spending
- Non-residents provide support
- Dedicated and sustainable revenues
- Long term solution to capital funding needs

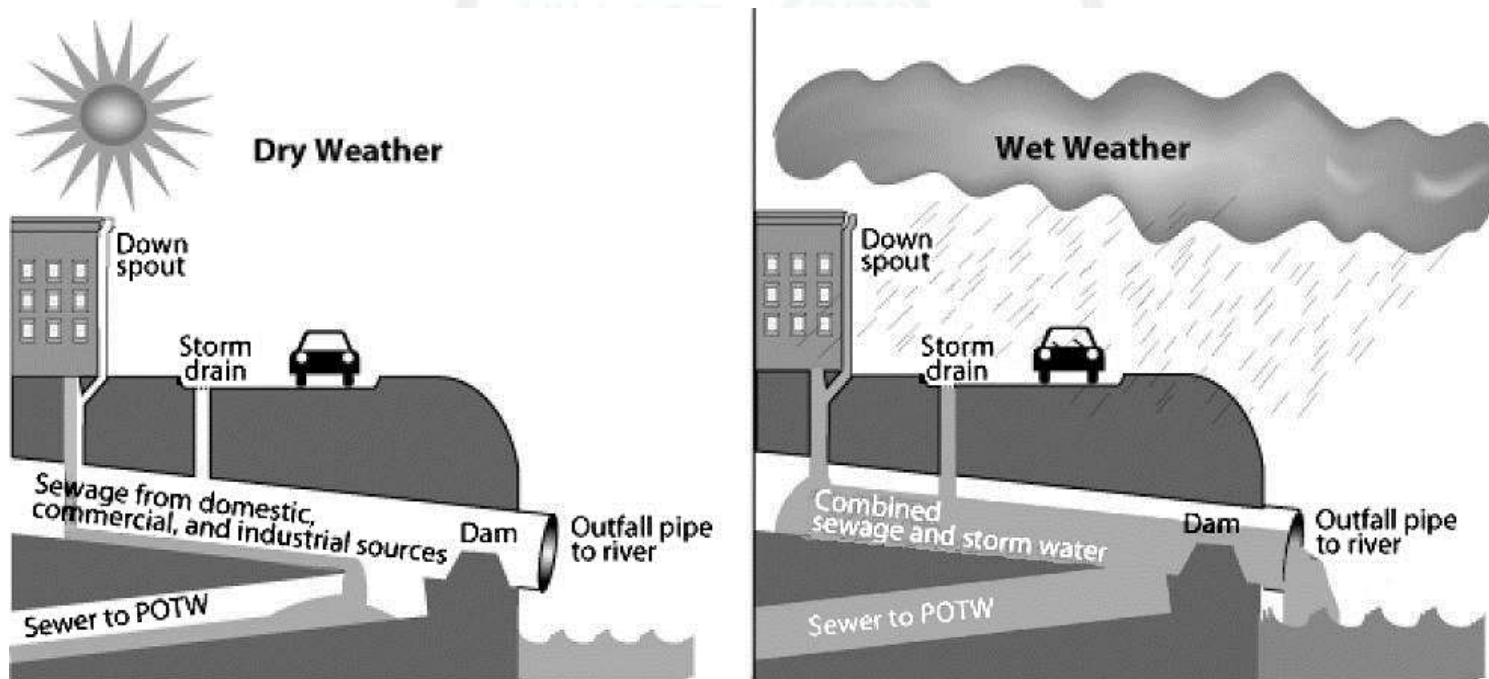
# Villa Park Sewer System - Background

- Significantly developed in the 1920-50's, Villa Park was originally built with a combined sewer system.
- A combined sewer system is used to collect both sanitary and stormwater flows in a single pipe.
- In the late 1970's, the Village began to separate the sanitary and storm sewers systems.
- The Village is still separating the sanitary and storm sewer systems.



# Combined Sewer System

- A **combined sewer** is a type of sewer system that collects sanitary sewage and stormwater runoff in a single pipe system. The rationale when these systems were built was that it would be cheaper to build just a single system.





# Combined Sewers

## Union Pacific to Madison

- Total combined/separated 170,781 feet (32.3 miles)
- Sewer separation on-going for many years
  - 123,524 feet (23.4 miles) separated (72.3%)
- Current projects (\$3.00 fixed monthly fee)
  - \$290,000 annually
  - Michigan - Park to Madison – construction pending (\$631,580)
  - Astor Court/Myrtle (IEPA loan) – current design (\$860,750) (38 homes benefit)
  - Michigan – Kenilworth to Central – design budgeted (\$478,800)
- All projects will reduce basement back-ups & pollution
- Future separation projects not funded
  - Funding gap is \$18.0 million

# Proposed Combined Sewer Separation Projects

Last revised 02/10/2017

PROJECT NAME	REFERENDUM PROJECT	SEWER SEPARATION ESTIMATE	PROPOSED FUNDING SOURCE	# HOMES BENEFITTED
ASTOR AND MYRTLE IMPROVEMENT PROJECT (ASTOR - SUMMIT TO MYRTLE; MYRTLE - PARK TO HIGHLAND; CRESCENT - MYRTLE TO VILLA)	YES	860,750	\$3.00 FEE	47
BIERMANN AVENUE SEWER SEPARATION PROJECT (HOLLY TO DIVISION)	YES	603,618	CDBG GRANT	33
MICHIGAN AVENUE IMPROVEMENT PROJECT (KENILWORTH TO CENTRAL)	YES	478,800	\$3.00 FEE	63
MICHIGAN AVENUE IMPROVEMENT PROJECT (PARK TO MADISON)	YES	631,580	\$3.00 FEE	86
<b>TOTALS OF FIXED FEE / GRANT PROJECTS ONLY</b>		<b>\$2,574,748</b>		<b>229</b>
CHARLES AVENUE IMPROVEMENT PROJECT (ST. CHARLES TO OAK)	YES	1,142,000	SALES TAX	43
ELM STREET DRAINAGE IMPROVEMENT PROJECT	NO	1,900,000	SALES TAX	62
<b>EUCLID AVENUE IMPROVEMENT PROJECT (WASHINGTON TO MADISON)</b>	<b>YES</b>	<b>529,000</b>	<b>SALES TAX</b>	<b>49</b>
HOLLY COURT AREA IMPROVEMENT PROJECT (VARIOUS STREETS)	YES	647,000	SALES TAX	76
MAPLE STREET IMPROVEMENT PROJECT (ILLINOIS TO VILLA)	YES	384,000	SALES TAX	60
<b>MONTEREY AVENUE IMPROVEMENT PROJECT (PARK TO WASHINGTON)</b>	<b>YES</b>	<b>1,464,000</b>	<b>SALES TAX</b>	<b>111</b>
MYRTLE STREET IMPROVEMENT PROJECT (DIVISION TO OAK)	YES	244,000	SALES TAX	25
OAK STREET IMPROVEMENT PROJECT (DIVISION TO VILLA)	YES	419,000	SALES TAX	31
PINE STREET IMPROVEMENT PROJECT (SUMMIT TO VILLA)	YES	499,000	SALES TAX	42
PRINCETON AVENUE IMPROVEMENT PROJECT (UP RAILROAD TO ELM)	YES	480,000	SALES TAX	32
SUMMIT AVENUE IMPROVEMENT PROJECT (MAPLE TO DIVISION)	YES	225,000	SALES TAX	17
<b>WASHINGTON AREA COMBINED SEWER SEPARATION</b>	<b>NO</b>	<b>7,428,000</b>	<b>SALES TAX</b>	<b>281</b>
WESTMORE AVENUE IMPROVEMENT PROJECT (DIVISION TO ST. CHARLES)	YES	531,000	SALES TAX	22
<b>WISCONSIN AVENUE IMPROVEMENT PROJECT (KENILWORTH TO MADISON)</b>	<b>YES</b>	<b>1,494,000</b>	<b>SALES TAX</b>	<b>157</b>
YALE AVENUE IMPROVEMENT PROJECT (PARK TO MADISON)	YES	1,300,000	SALES TAX	90
<b>TOTALS OF SALES TAX PROJECTS ONLY</b>		<b>\$18,039,000</b>		<b>1,022</b>
<b>TOTALS OF ALL PROJECTS</b>		<b>\$20,613,748</b>		<b>1,251</b>





Washington near Summit





Washington near Summit





Monterey and Madison

# Combined Sewers

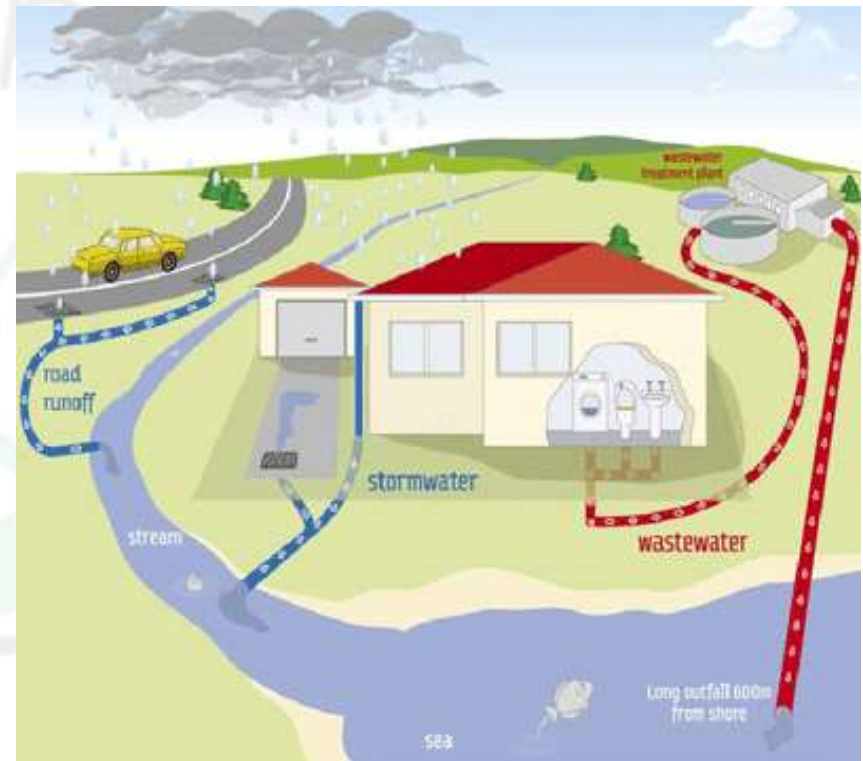
- Total need is \$18.0 million
- Fixed fee will only fund three projects
- Washington Area Project (not funded)
  - Project Cost Estimate = \$8.7 Million
  - Reduces potential for sewer backup for approximately **400 homes** currently serviced by combined sewer
- Monterey – (underground not funded)
  - Road improvement time constraints



# Storm Sewer System Overview

## What is a storm sewer system?

- A **storm drain**, **storm sewer**, **stormwater drain** or simply a **drain** or **drain system** is designed to drain excess rain and ground water from paved streets, parking lots, sidewalks, and roofs. Storm drains vary in design from small residential dry wells to large municipal systems. They are fed by street gutters on most roadways, as well as surface waters during heavy rainfalls.



# Storm Sewer Design

- The storm sewer system in Villa Park is similar to that of other communities in northeast Illinois.
- The storm sewer system was designed in accordance with typical design standards at the local, county, and state levels.
- There is not a storm sewer system in northeast Illinois that has the capacity to handle either the July 2010 or April 2013 storm events.
- Flood control studies identified projects that would increase level of flood protection

# Stormwater

- No substantial funding source for maintenance
  - 55 miles storm sewer main
  - 15 miles storm feeders
  - 1,629 manholes
  - 3197 inlets/catch basins
  - 11 miles ditches/culverts
  - 3 detention basin
  - 2 riverine floodplains

# Street Flooding Example

Photo of  
Addison St  
looking north  
from  
Madison St





# Street Flooding Example

Photo of  
Addison St  
south of  
Washington  
St





800 Block South Michigan

# Stormwater Funding

- Corporate transfers
  - Flood control studies (completed in 2015)
- Grants
  - \$550,000 proposed (Jackson Detention)
- \$6.00 fixed monthly fee
  - Jackson Area Improvements – design budgeted (79 homes would benefit)
  - Astor Court/Myrtle
  - Euclid property buyout – future detention

# Proposed CIP Stormwater Projects

Last revised 02/10/2017

PROJECT NAME	REFERENDUM PROJECT	STORMWATER ESTIMATE	PROPOSED FUNDING SOURCE	# HOMES BENEFITTED
ASTOR AND MYRTLE IMPROVEMENT PROJECT (ASTOR - SUMMIT TO MYRTLE; MYRTLE - PARK TO HIGHLAND; CRESCENT - MYRTLE TO VILLA)	YES	557,725	\$6.00 FEE	47
EUCLID AVENUE PROPERTY BUYOUT	NO	108,750	CDBG GRANT	1
JACKSON POND IMPROVEMENTS	NO	4,738,000	\$6.00 FEE	79
MICHIGAN AVENUE IMPROVEMENT PROJECT (MADISON TO JACKSON)	YES	1,347,806	\$6.00 FEE	32
<b>TOTALS OF FIXED FEE PROJECTS ONLY</b>		<b>\$6,752,281</b>		<b>159</b>
CHARLES AVENUE IMPROVEMENT PROJECT (ST. CHARLES TO OAK)	YES	468,000	SALES TAX	43
ELM STREET DRAINAGE IMPROVEMENT PROJECT	NO	2,470,000	SALES TAX	78
LUFKIN POND DRAINAGE IMPROVEMENT PROJECT	NO	665,000	SALES TAX	15
MAPLE STREET IMPROVEMENT PROJECT (ILLINOIS TO VILLA)	YES	1,027,000	SALES TAX	60
SUMMIT AVENUE IMPROVEMENT PROJECT (MAPLE TO DIVISION)	YES	885,000	SALES TAX	17
<b>WISCONSIN AVENUE IMPROVEMENT PROJECT (KENILWORTH TO MADISON)</b>	<b>YES</b>	<b>1,629,000</b>	<b>SALES TAX</b>	<b>153</b>
YALE AVENUE IMPROVEMENT PROJECT (MADISON TO JACKSON)	YES	419,222	SALES TAX	18
<b>TOTALS OF SALES TAX PROJECTS ONLY</b>		<b>\$7,563,222</b>		<b>384</b>
<b>TOTALS OF ALL PROJECTS</b>		<b>\$14,315,503</b>		<b>543</b>



# Stormwater Projects

- Future Flood Control Study Projects (not in CIP)
    - South Monterey \$3.8 million
    - North Avenue/Ardmore \$1.7 million
    - East Van Buren \$1.9 million
    - Lions Park/Ovaltine \$550,000
    - Riordan \$440,000
    - Rotary Park \$290,000
    - Twin Lakes \$3.3 million
    - Maple Villa/Summit \$2.1 million
- \$14.1 million

# Proposed CIP Water Main Replacement Projects

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PROJECT NAME	REFERENDUM PROJECT	IEPA WATER LOAN ESTIMATE	# HOMES BENEFITTED
BIERMANN AVENUE IMPROVEMENT PROJECT (NORTH AVENUE TO SUNSET)	YES	702,000	38
CHARLES AVENUE IMPROVEMENT PROJECT (ST. CHARLES TO OAK)	YES	656,000	43
COLLEGE STREETS IMPROVEMENT PROJECT (VARIOUS STREETS)	YES	2,664,350	206
IEPA WATER LOAN GROUP #3 (HARVARD, RIDGE TO SOUTH END; MYRTLE, MADISON TO TERRY)	YES	1,342,570	93
<b>MICHIGAN AVENUE IMPROVEMENT PROJECT (KENILWORTH TO CENTRAL)</b>	<b>YES</b>	<b>DEFERRED</b>	63
MICHIGAN AVENUE IMPROVEMENT PROJECT (MADISON TO JACKSON)	YES	DEFERRED	32
MICHIGAN AVENUE IMPROVEMENT PROJECT (PARK TO MADISON)	YES	DEFERRED	86
PRINCETON AVENUE IMPROVEMENT PROJECT (UP RAILROAD TO ELM)	YES	42,000	28
WESTMORE AVENUE IMPROVEMENT PROJECT (DIVISION TO ST. CHARLES)	YES	784,000	23
YALE AVENUE IMPROVEMENT PROJECT (RIDGE TO PLYMOUTH)	YES	552,000	33
<b>TOTALS OF ALL PROJECTS</b>		<b>\$6,742,920</b>	<b>464</b>

# Proposed CIP Wastewater Projects

Last revised 02/02/2017

<b>PROJECT NAME</b>	<b>REFERENDUM PROJECT</b>	<b>IEPA SEWER LOAN ESTIMATE</b>	<b># HOMES BENEFITTED</b>
IEPA WASTEWATER LOAN PROJECTS (SEWER LINING)	NO	2,300,687	N/A
PARK BOULEVARD SEWER REHABILITATION (VILLA TO EAST END)	NO	2,893,800	42
WET WEATHER FLOW TREATMENT FACILITY IMPROVEMENTS	NO	472,000	N/A
<b>TOTALS OF ALL PROJECTS</b>		<b>\$5,666,487</b>	<b>42</b>

# Financing

- How do we pay for these projects?
- The residents of Villa Park will be asked to approve by referendum a 0.5% sales tax increase to fund these projects.
- On April 4, 2017 the Referendum question will be asked.
- If over 50% of the votes cast are in favor the sales tax will be implemented.
- Otherwise, many road projects will proceed without the underground improvements.

## Ballot Question

- Shall the Village of Villa Park increase the Village's Non-Home Rule Municipal Retailers' Occupation Tax and Non-Home Rule Municipal Service Occupation Tax (commonly referred to as a "municipal sales tax") from one half of one percent (.5%) to one percent (1.0%) for expenditure on public infrastructure, including the installation, replacement, and maintenance of sanitary sewer, storm sewer and water main systems, in accordance with and subject to the provisions of Sections 8-11-1.3 and 8-11-1.4 of the Illinois Municipal Code (65 ILCS 5/8-11-1.3 and 65 ILCS 5/8-11-1.4)?

# Why?

- Alleviate flooding and sewer back-ups
- Replace aging underground infrastructure
- Protect our investment in roads

## Legend

- Unfunded Wastewater Projects
- Unfunded Combined Sewer Separation Projects
- Unfunded Stormwater Projects
- Unfunded Water Main Projects
- Floodway
- 100 Year Flood Zone (Zone A)
- 100 Year Flood Zone (Zone AE)
- 500 Year Flood Zone (Zone X)

Map Revised:  
Wednesday, February 01, 2017 LJC

