

VILLAGE OF VILLA PARK

-BUDGET PRESENTATION-

ROADS

CAPITAL PROJECTS

WATER

WASTEWATER

5 YEAR CIP



March 15, 2017

Street Improvement Fund (Fund 60)

Overview – FY16/17

- Completed second year of bond projects
- 33.32 total miles of streets completed in FY16/17
 - 3.92 miles of rehabilitation
 - 29.40 miles of maintenance
- Total spent in FY16/17 - \$5.44 million
 - \$3.25 million bond
- \$6.68 million total bond expenditures

Street Improvement Fund

(FY 16/17)

- **Street Improvements**

- 2016 Street Improvement Project (2.67 miles)
- Park Boulevard (completion)
- North Princeton (Terrace to Ridge)
- High Ridge Road (corrective work needed)

- **Street Maintenance**

- Pavement patching (4.76 miles; joint bid project)
- Crack sealing (23.73 miles; joint bid project)
- Asphalt rejuvenation (5.25 miles)

- **Design for FY 17/18 Projects**

Street Improvement Fund

FY 16/17 Actual Rehab

Summary	
Number of Streets	12
Number of Blocks	42
Total Length (mi)	3.92 (excludes maintenance programs)
Street Maintenance	\$347,558
Non-Referendum Road Cost	\$1,354,357
Referendum Road Cost	\$3,252,755
Total Street Fund	\$5,441,530

Street Improvement Fund (FY 17/18)

Proposed Bond Issue Projects

- 2017 Street Improvement Program
- Michigan (Park to Madison) – completion
- Central Boulevard
- Astor Ct/Myrtle
- East Washington
- Ridge Road
- Michigan (Madison to Jackson) – partial
- College Streets
- Engineering for 2018 Projects

Street Improvement Fund (FY 17/18)

Proposed Non-Bond Capital Projects

- Summit – Madison to Roosevelt (STP grant)
- College Streets
- High Ridge (corrective work)
- Roosevelt Road Safety Improvements (IDOT)
- Engineering
 - Summit Construction Engineering (grant)
 - St. Charles Road Bridge Design (grant)

Street Improvement Fund FY 17/18 Proposed Rehab

Summary	
Number of Streets	20
Number of Blocks	69
Total Length (mi)	5.54 (excludes maintenance programs)
Street Maintenance	\$325,000
Non-Referendum Road Cost	\$1,598,688
Referendum Road Cost	\$5,462,625
Total Street Fund	\$8,121,298

Road Improvements Year 3 Overview

PROJECT	STREET	FROM	TO	LENGTH (FT)	TOTAL ROAD COST
2017 Street Improvement Program (Various Streets)				8,416	\$2,212,335
	ADAMS ST	ADDISON AVE	ARDMORE AVE	2,693	
	CROSS ST	TERRY LN	JULIA DR	319	
	GRANT AVE	MONROE ST	TERRY LN	1,272	
	HARVARD AVE	NORTH AVE	NORTH END	1,040	
	RIDGE RD	ADDISON RD	HARVARD AVE	1,328	
	SUNSET DR	YALE AVE	ADDISON RD	1,764	
Astor and Myrtle Improvement Project				2,371	\$745,049
	ASTOR CT	SUMMIT AVE	MYRTLE AVE	998	
	CRESCENT DR	MYRTLE AVE	VILLA AVE	349	
	MYRTLE AVE	PARK BLVD	HIGHLAND AVE	1,024	
Central and Myrtle Improvement Project				2,927	\$739,599
	CENTRAL BLVD	CORNELL AVE	VILLA AVE	2,342	
	CORTESI AVE	CENTRAL BLVD	KENILWORTH AVE	264	
	MYRTLE AVE	KENILWORTH AVE	CENTRAL BLVD	321	
College Streets Improvement Project (Various Streets)				6,467	\$1,115,691
	IOWA AVE	STONE RD	VERMONT ST	2,266	
	MICHIGAN AVE	STONE RD	VERMONT ST	2,038	
	WISCONSIN AVE	STONE RD	VERMONT ST	2,163	
Michigan Avenue Improvement Project (Madison to Jackson)				1,321	\$363,786
Michigan Avenue Improvement Project (Park to Madison)				2,591	\$927,745
Ridge Road Improvement Project (Yale to Ardmore)				1,162	\$314,951
Summit Avenue Resurfacing Project (Madison to Roosevelt)				3,468	\$879,200
Washington Corridor Green Infrastructure Improvements (Engineering Only)				507	\$50,000
	GRANT AVE	WASHINGTON BLVD	SOUTH END	507	
Washington Street East of Route 83 (Route 83 to East End)				472	\$175,000
TOTALS				29,701	\$7,523,356



Street Improvement Fund (FY 17/18)

Proposed Maintenance Projects

- Pavement patching (\$200,000)
- Parking lots (\$222,000)
- Pavement crackfilling (\$50,000)
- Asphalt rejuvenation (\$75,000)
- Ardmore Bridge Retaining Wall (\$35,117)
- NATH Frontage Road Striping (\$10,000)

Capital Projects Funds (Funds 64, 65, 66, and 67)

Revenue

- No dedicated or reliable source
 - Corporate Transfers
 - Grant reimbursements
 - Sales/Lease Financing
 - Cost share with residents

Capital Projects Fund (Fund 64)

Projects

- North Side Sidewalk Construction (completion)
 - \$950,400 federal grant
- Sidewalk Program
 - 50/50 cost share
- ADA Sidewalk Improvements
 - Compliance plan

Equipment Replacement Fund (Fund 65)

Expenditures

- Lease payments (three previous purchases)
- 10 vehicles
 - 3 Police Patrol Units
 - 4 Public Works Units
 - 2 Fire Units
 - 1 Parks Mower
- Fire Truck Reserve

Equipment Replacement Fund (Fund 65)

- **Other capital equipment (\$182,895)**
 - Phone system Upgrade
 - Recreation and Permitting Software
 - Fire Mobile Data Terminals
 - Holiday decorations
 - Small equipment

Building Improvement Fund (Fund 67)

- **Capital Projects**
 - Swimming pool improvements
 - Fire Station Overhead Doors
 - Public Works Building repairs
 - Ice Rink
 - ICC Boiler Pump

Stormwater Fund (Fund 68)

Revenue

- Stormwater fee - \$576,000
- Corporate transfers
- Grant reimbursements
- Cost share with residents
- Detention fees

Stormwater Fund (Fund 68)

Capital Projects

- Washington & Grant Street
 - Green Infrastructure \$1.0 million CDBG-DR
- Jackson Pond – initial excavation & complete design
 - \$550,000 CDBG –DR
- Michigan relief storm sewer (Madison to Jackson)
- Astor Ct/Myrtle – storm water component
- Monterey bio-retention (IGIG grant)

Stormwater Fund (Fund 68) Operations

- Floodplain consulting & elevation certificates (FEMA maps still pending)
- Drainage projects (cost sharing)
- Permit review (ongoing)
 - Storm water ordinance enforcement

Stormwater Buyout Fund (Fund 68)

- Unfunded drainage projects
 - Flood Control Study Projects (\$7.56 million)
- Drainage system maintenance
 - Future ditching program

Stormwater Buyout Fund (Fund 68)

Unfunded CIP Stormwater Projects

PROJECT NAME	REFERENDUM PROJECT	STORMWATER ESTIMATE	PROPOSED FUNDING SOURCE	# HOMES BENEFITTED
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
WISCONSIN AVENUE IMPROVEMENT PROJECT (KENILWORTH TO MADISON)	YES	1,629,000	SALES TAX	153
YALE AVENUE IMPROVEMENT PROJECT (MADISON TO JACKSON)	YES	419,222	SALES TAX	18
TOTALS OF UNFUNDED CIP STORMWATER PROJECTS		\$7,563,222		384

Water Supply Fund (FY 17/18)

Revenue

- Assumes 2% general increase 1/1/18
- Capital funding source - \$293,000
- Positive operating cash flow \$425,452
- Ending 103 day operating balance of \$1,317,991
- Prepare new loan applications - \$2.47 million
- Water Audit completed – 2016
 - Focus on “apparent losses”

Water Supply Fund (FY 17/18)

Operating Expenditures

- Total operating costs - \$4.61 million
- Water purchase costs - \$2.88 million
 - 62% of operating cost
- System operation and maintenance
- Water loss reduction
 - Expand Annual Leak survey
 - Meter testing & replacement
 - Automated water meter reading

Water Supply Fund (FY 17/18)

Capital Expenditures

- Total Capital and Projects - \$3.375 million
- Capital items
 - Valve exerciser
 - Replace Unit #23
 - Plant and Equipment
 - Water meter reading system

Water Supply Fund (FY 17/18)

Capital Projects

- Water main replacement
 - Ridge Road (CDBG Grant)
 - College Streets Water Mains (IEPA loan)
- Water system repairs
 - Michigan Projects
 - 2017 Street Improvements
 - Central/Astor Ct/Myrtle
- Design for 2018 projects (not budgeted)

Wastewater Fund

(FY 17/18)

Revenue

- Assumes 2% general increase 1/1/18
- Combined sewer separation funding - \$288,180
- Revenue based on billable water consumption
- Capital funding source – not budgeted
- Positive operating cash flow – \$504,117
- Maintain 159 days operating balance – \$645,300
- IEPA loans
 - Combined Sewer Separation
 - Master Plan Sewer Rehab Projects

Wastewater Fund (FY 17/18)

Operating Expenditures

- Maintenance of collection system
- WWFTF
- Continue IEPA loan repayments (3 loans)
- IEPA Mandates (completed)
 - Long Term Control Plan
 - Capacity, Management, Operation and Maintenance (CMOM)

Wastewater Fund

(FY 17/18)

Capital Expenditures

- Capital items
 - WWFTF replacements
 - Sewer Reimbursement Program
 - Sewer Point Repairs
 - Vehicle (50%)
 - Water meter reading system

Wastewater Fund (FY 16/17)

Capital Projects

- Road Project Components
 - Michigan – Park to Madison
 - 2017 Street Improvements
 - College Streets
- IEPA Loan Funded Projects
 - Master Plan Sewer Rehab (\$1.2 million)

Wastewater Fund

(FY 16/17)

Combined Sewer Separation

- Michigan – Park to Madison
- North Biermann (CDBG-DR grant)
- Astor Ct/Myrtle (IEPA Loan)
- Michigan – Kenilworth to Central (design)
- Unfunded Projects (see CIP)

Wastewater Fund (Fund 83)

Unfunded Combined Sewer Separation Projects

PROJECT NAME	REFERENDUM PROJECT	SEWER SEPARATION ESTIMATE	PROPOSED FUNDING SOURCE	# HOMES BENEFITTED
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
EUCLID AVENUE IMPROVEMENT PROJECT (WASHINGTON TO MADISON)	YES	529,000	SALES TAX	49
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
MONTEREY AVENUE IMPROVEMENT PROJECT (PARK TO WASHINGTON)	YES	1,464,000	SALES TAX	111
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
WASHINGTON AREA COMBINED SEWER SEPARATION	NO	7,428,000	SALES TAX	281
WESTMORE AVENUE IMPROVEMENT PROJECT (DIVISION TO ST. CHARLES)	YES	531,000	SALES TAX	22
WISCONSIN AVENUE IMPROVEMENT PROJECT (KENILWORTH TO MADISON)	YES	1,494,000	SALES TAX	157
YALE AVENUE IMPROVEMENT PROJECT (PARK TO MADISON)	YES	1,300,000	SALES TAX	90
TOTALS OF UNFUNDED COMBINED SEWER SEPARATION PROJECTS		\$18,039,000		1,022

CIP Overview

Type of Improvements	Number of Funded Projects *	Number of Total Projects *	Total Cost
Street (Non-Referendum)	9	9	\$7,190,875
Street (Referendum)	34	34	\$17,226,190
Pedestrian	2	3	\$697,946
Equipment Replacement	2	2	\$568,000
Stormwater	6	14	\$17,784,432
Water Supply	1	12	\$14,292,411
Wastewater	0	4	\$5,113,011
Sewer Separation	4	20	\$21,910,390
TOTALS	23*	57 *	\$84,783,255

* Some projects include multiple types of improvements

CIP Overview

Funding Source	Total Cost
North Avenue TIF	\$1,605,225
Kenilworth TIF	\$669,000
Street Improvement	\$1,983,855
GO Bonds	\$17,226,190
Capital Projects	\$622,946
Equipment Replacement Fund	\$568,000
Stormwater	\$14,414,607
Water Supply	\$2,466,491
Wastewater	\$1,452,524
Sewer Separation	\$20,961,390
CDBG Grant	\$328,000
CDBG-DR Grant	\$2,499,000
County Grant	\$40,000
IEPA Sewer Loan	\$3,660,487
IEPA Water Loan	\$11,497,920
IGIG Grant	\$55,950
STP Grant	\$4,538,020
Other Grant(s)	\$18,650
Private Funds	\$175,000
TOTALS	\$84,783,255



**Village of Villa Park
CIP By Fiscal Year
FY 17-18 to FY 21-22**

