

A low-angle photograph of a white water tower against a blue sky with light clouds. The tower has a cylindrical body with vertical ridges and a rounded top. The words "HOFFMAN ESTATES" are printed in black on the top rim of the tower.

VILLAGE OF HOFFMAN ESTATES

**2017 - 2024
CAPITAL IMPROVEMENTS PROGRAM**

VILLAGE OF HOFFMAN ESTATES

2017 - 2024

CAPITAL IMPROVEMENTS PROGRAM

CAPITAL IMPROVEMENTS BOARD

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Rachel Musiala, Director of Finance



HOFFMAN ESTATES

October 28, 2016

Capital Improvements Board
Village of Hoffman Estates, Illinois

Ladies and Gentlemen:

It is our pleasure to present the Capital Improvements Program (CIP) budget for eight years beginning in FY2017. The CIP is a flexible, eight-year plan containing the Village's planned capital improvement projects and the proposed (but not necessarily available) financing methods for funding the projects. All funds and departments are brought together in a single consolidated plan for an overall view of the Village's capital improvement needs.

For the fourth year, the CIP is being presented in the eight-year format. The Capital Improvements Board and Village Board requested the plan transition from the former five-year format, beginning with FY2014, in order to better reflect requests that had been deferred due to the economic downturn and/or a lack of Village revenues.

The Village's management team has identified future project requests based on capital needs and priorities. The CIP is the result of an ongoing infrastructure and vehicles/equipment planning process. These planning decisions are made with

regard to both existing and new facilities and equipment. For existing facilities, the planning process addresses appropriate maintenance strategies and repair versus replacement of facilities. New service demands are also considered since that would affect capital requirements as well.

Relationship with the Operating Budget

The CIP, as distinguished from the Operating Budget, is a multi-year financial plan for the improvement of Village capital. Capital projects typically apply to: 1) large one-time costs for acquisition, construction, improvement, replacement, or renovation of land, structures, and major equipment; 2) expenditures which take place over two or more years; 3) funding with debt because of significant costs to be shared by current and future beneficiaries; and 4) systematic acquisition or repair and maintenance over an extended period of time.

Projects are selected based on the priority of importance assigned by the respective departments requesting funding and the availability of funding sources. The operating impacts of each project are estimated and considered when evaluating the feasibility of each project. For a project to be feasible, existing sources of operating revenue must be adequate to fund the

associated costs. If adequate revenues do not exist, the project must be reevaluated or reprioritized.

Funding sources are proposed for most of the CIP projects. However, some projects are showing an Unfunded/Undetermined funding source. This allows the Capital Improvements Board (CIB) to see the full need of the project, yet also see whether current revenue can fund the project. Additionally, there is no guarantee that projects approved by the CIB will be funded in the FY2017 operating budget. This is especially true given the State of Illinois budget issues and the State’s potential solutions.

The FY2017 funding requirements will be finalized and authorized during the operating budget process. The projected funding sources required for the projects are:

Funding of Capital Improvements		
(Amounts shown in thousands)		
	2016	2017
General Fund*	1,585	2,830
Water & Sewer**	66	107
Grants	398	1,651
2015 Bond Proceeds**	3,580	2,967
Other***	25,912	14,502
Unfunded	2,255	473
Total	\$ 33,796	\$ 22,530
*Includes \$95,000 in FY17 for Emerald Ash Program contractual services		
**Proceeds from the 2015 Bond Issue are funding several Water & Sewer projects in FY17		
***Includes \$1.7million in FY17 for the Barrington Interchange project in which the Village is the lead funding agency		

Looking Back

The economic downturn from 2008 had taken its toll on Village resources available to maintain and replace capital. In 2013, after a review of the Village’s capital needs for FY2014 and beyond, the CIB recommended, and the Village Board implemented, additional revenue sources.

This decision tremendously improved the Village’s ability to fund street improvements and stormwater projects in FY2014 and FY2015. In FY2016, these revenues are expected to generate funds of \$3.7 million to be used toward the Street Reconstruction program and \$514,000 for Stormwater and Creek Drainage projects that would not have otherwise been available.

Looking Forward

Total By Project Type	
(Amounts shown in thousands)	
Project Type	Budget
Water & Sanitary Sewer	3,041
Street & Related Infrastructure	10,570
Public Buildings	1,112
Miscellaneous Public Improvements	4,570
Equipment	2,596
Technology	641
Total	\$ 22,530

As you may well know, the State of Illinois has yet to pass a budget and the solutions being discussed may have a major negative impact on our municipal revenues. State officials have been seriously considering a two-year property tax freeze, which may take affect in 2017. The Village share of Local Government Distributive Funds (LGDF) has not yet been frozen, but we suspect that the Village may lose anywhere from 10-50% of that revenue in FY2017. Any loss in LGDF money will directly affect the General Fund revenues, in the amount of anywhere from \$500,000 to \$2.5 million. The worst case scenario is State Officials pass both a property tax freeze and a cut in LGDF funding. Those cuts, in addition to other possible cuts, would be detrimental to the Village. It is highly probable that Village revenues will be negatively affected in the future as well as the current fiscal years. However, until a definite decision has been made, the Village is optimistic, as presented in this CIP, we will receive all monies currently budgeted.

Village staff are preparing for a variety of scenarios concerning state revenues and have begun to prioritize projects. It is proposed that the \$95,000 of tree replacements in the FY2017 Emerald Ash Borer program will be one of the first items to be discontinued should state revenues cease. Replacement of fleet and miscellaneous road and sidewalk projects would potentially be postponed as well.

The situation with the state is disheartening since the Village has made significant strides in road improvements due to the new revenues. By the end of FY2015, about \$5.5 million was spent on reconstructing twelve streets and resurfacing nine street

segments and eleven street segments have been reconstructed and ten segments resurfaced totaling \$5.5 million in FY2016. More details on these improvements are outlined in the Street Revitalization memo.

Village staff will continue to take advantage of county and federal funds to help finance capital enhancements within the Village. For example, a \$1.176 million Federal STP grant will fund most of the \$1.57 million Bode Road and Harmon Boulevard resurfacing projects for FY2017. Also, of the \$517,000 needed for the SCBA replacement, approximately \$360,000 is anticipated to come from a FEMA Grant. Finally, State of Illinois Funds of roughly \$384,000 will help fund water tower and lift station projects.

New debt issued in 2016 was a partial refunding of our old 2009 General Obligation Bonds. The principal amount refunded was \$8.9 million, which generated a present value savings of approximately \$838,000 for the Village.

Thank you for your time in reviewing the following document. We look forward to discussing the Village's Capital Improvement Plan further during the meeting.

Sincerely,

James H. Norris, Village Manager
Rachel Musiala, Director of Finance
and all members of the Management Team

VILLAGE OF HOFFMAN ESTATES
2017 - 2024 CAPITAL IMPROVEMENTS PROGRAM

Introductory Section

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CAPITAL IMPROVEMENTS BOARD
DUTIES AS OUTLINED IN THE
HOFFMAN ESTATES MUNICIPAL CODE

- A. Recommend needs of public structures in terms of expansion and new construction.
- B. Recommend plans for rebuilding of roadways within the Village.
- C. Recommend priorities of capital construction needs including timetables, scope of work and financing considerations.

GENERAL PROJECT CRITERIA

Since the cost for funding all capital requests typically exceeds available revenue, the CIB strives to recommend funding only after considering a list of logical criteria. The primary criteria considered include:

1. Are there any legal obstacles?
2. What is the degree of citizen support?
3. Does the project address a threat to public health and safety?
4. Is there urgency because of criteria other than public health and safety (maintenance costs, public service, etc.)?
5. Will the solution clearly solve the problem?
6. Will the tax base benefit?
7. Will maintenance costs be significantly reduced?
8. Will the solution be beneficial over a long period of time?
9. By acting now, will there be an opportunity that will be lost or will other alternatives have to be initiated?
10. Is the project consistent with Village Board goals?

Projects at a cost of more than \$25,000 in a given year are included in the program, along with all vehicles.

HOW TO READ THIS DOCUMENT

- * Each departmental request is known as a project and is listed on an individual sheet.
- * Summaries are provided for all projects based on their similarities or by department.
- * Each project falls into one of six project Type Groups. The six groups are:

1. Water and Sanitary Sewer
2. Street and Related Infrastructure Improvements
3. Public Buildings
4. Miscellaneous Public Improvements
5. Equipment
6. Technology

You can view this by looking at the first page (7) after the Summary tab and by examining each individual request beginning with the six main tabs. The most detailed examination of each project request will occur after each of the Project Type Group tabs.

- * Projects are also summarized by department beginning with page 9. The departments are:

1. General Government
2. Police Department
3. Fire Department
4. Public Works Department
5. Development Services Department
6. Economic Development Area
7. Information Systems

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Village of Hoffman Estates, Illinois
2017 - 2024 Capital Improvements Program
Summary of Capital Requests
by Project Type Group

Project Type Group	Prior Year	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
Water & Sanitary Sewer	2,865,640	3,041,130	3,056,500	6,748,500	1,569,810	1,497,310	1,135,500	591,000	964,500	18,604,250
Street & Related Infrastructure	23,477,450	10,569,530	10,430,000	15,765,000	12,729,000	8,930,000	8,060,000	9,230,000	6,880,000	82,593,530
Public Buildings	898,000	1,112,500	365,600	182,000	4,123,600	9,075,000	950,500	200,000	325,000	16,334,200
Miscellaneous Public Improvements	3,115,000	4,569,700	2,073,550	1,751,000	1,925,000	1,042,000	1,356,000	1,142,000	1,416,000	15,275,250
Equipment	2,969,160	2,595,650	2,328,840	2,100,360	1,294,840	1,274,870	2,665,810	1,530,880	3,278,100	17,069,350
Technology	471,410	641,410	379,600	261,200	402,200	329,200	402,700	482,000	372,000	3,270,310
TOTAL COSTS	\$ 33,796,660	\$ 22,529,920	\$ 18,634,090	\$ 26,808,060	\$ 22,044,450	\$ 22,148,380	\$ 14,570,510	\$ 13,175,880	\$ 13,235,600	\$ 153,146,890
Proposed Source of Funds										
General Fund	975,200	957,095	1,932,340	1,952,580	1,293,780	1,243,130	2,725,360	1,750,720	3,604,190	15,459,195
General Fund Fund Balance	610,000	1,873,030	270,000	220,000	232,000	-	300,000	-	-	2,895,030
Water & Sewer Fund	66,800	106,800	34,800	37,240	1,246,260	1,360,840	1,255,240	607,250	989,500	5,637,930
Motor Fuel Tax Fund	1,160,000	1,170,000	1,180,000	1,180,000	1,180,000	1,180,000	1,180,000	1,180,000	1,180,000	9,430,000
CDBG Fund	315,000	280,900	291,000	91,000	291,000	91,000	291,000	91,000	91,000	1,517,900
Asset Seizure - Federal	105,130	89,130	89,130	36,220	-	-	-	-	-	214,480
Asset Seizure - BATTLE Escrow	-	57,880	-	-	-	-	-	-	-	57,880
Asset Seizure - US Marshal	-	30,905	-	-	-	-	-	-	-	30,905
EDA Bond Proceeds	1,885,850	1,321,500	1,123,750	-	-	-	-	-	-	2,445,250
Bond Issue Proceeds	3,579,970	2,966,600	1,471,170	1,373,750	-	-	-	-	-	5,811,520
State of Illinois Loan	849,130	384,130	1,616,000	-	-	-	-	-	-	2,000,130
Roselle Rd TIF Funds	-	900,000	-	-	-	-	-	50,000	250,000	1,200,000
Roselle Rd TIF-Sale of Property	-	890,000	-	-	-	-	-	-	-	890,000
Plum Farm TIF Funds	-	-	-	225,730	-	-	-	-	-	225,730
Capital Replacement Fund	115,220	375,570	474,990	47,130	-	-	-	-	-	897,690
Electric Utility Tax	1,900,000	1,800,000	1,686,000	1,686,000	1,686,000	1,686,000	1,686,000	1,686,000	1,686,000	13,602,000
Municipal Motor Fuel Tax	420,000	470,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	3,620,000
Municipal Gas Use Tax	1,277,450	1,200,000	1,150,000	1,150,000	1,150,000	1,150,000	1,150,000	1,150,000	1,150,000	9,250,000
Packaged Liquor Tax	93,000	315,000	315,000	315,000	315,000	315,000	315,000	315,000	315,000	2,520,000
Stormwater Management Fund	25,000	1,060,000	590,750	550,000	620,000	340,000	680,000	420,000	490,000	4,750,750
Road Improvement Fund	50,000	-	-	-	-	-	-	-	-	-
Information Systems User Charges	451,500	399,000	292,500	217,500	358,500	285,500	484,500	413,500	323,500	2,774,500
Information Systems Fund Balance	120,000	300,000	120,000	-	-	-	-	-	-	420,000
Impact Fees	-	870,000	-	-	-	-	-	-	-	870,000
Central Road Corridor Fund	-	100,000	-	-	-	-	-	-	-	100,000
Traffic Improvement Funds	-	250,000	-	-	-	-	-	-	-	250,000
Western Area Traffic Improvement Fund	-	150,000	-	-	-	-	-	-	-	150,000
Developer Contributions	400,000	830,000	200,000	2,000,000	500,000	-	-	-	-	3,530,000
DUI Reimbursement	27,410	27,410	27,410	27,410	27,410	27,410	27,410	27,410	27,410	219,280
Grant Funding	398,400	1,650,570	1,300,000	980,000	1,308,000	-	800,000	-	-	6,038,570
Court Supervision Escrow	30,000	-	-	-	-	-	-	-	-	-
Emergency Services Escrow	-	128,900	-	-	-	-	-	-	-	128,900
Hoffman Blvd Bridge Maintenance	100,000	320,000	4,000	-	4,000	-	4,000	-	4,000	336,000
Hoffman Estates Park District	35,000	-	53,750	-	35,000	-	-	-	-	88,750
State of Illinois	11,000,000	-	-	-	-	-	-	-	-	-
Illinois State Toll Highway Authority	5,450,000	-	-	-	-	-	-	-	-	-
Forest Preserve Dist. of Cook County	40,000	-	77,500	-	-	-	-	-	-	77,500
Cook County	-	-	-	6,000,000	3,000,000	-	-	-	-	9,000,000
Levy 2% Capital Fund	33,000	-	55,000	20,000	20,000	20,000	20,000	20,000	20,000	175,000
Levy Contribution	7,000	-	-	-	-	-	-	-	-	-
SCA Operating Budget	22,000	32,500	10,000	25,500	35,500	45,500	16,000	26,000	16,000	207,000
Fire Station Sale Proceeds	-	750,000	75,000	-	-	-	-	-	-	825,000
Unfunded	2,254,600	473,000	3,744,000	8,223,000	8,292,000	13,954,000	3,186,000	4,989,000	2,639,000	45,500,000
TOTAL FUNDS	\$ 33,796,660	\$ 22,529,920	\$ 18,634,090	\$ 26,808,060	\$ 22,044,450	\$ 22,148,380	\$ 14,570,510	\$ 13,175,880	\$ 13,235,600	\$ 153,146,890

Village of Hoffman Estates, Illinois
2017 - 2024 Capital Improvements Program
by Department

Department	Prior Year	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
General Government	187,890	237,890	301,890	153,290	105,000	20,000	40,000	94,080	-	952,150
Police	373,810	365,410	410,400	471,800	431,900	444,800	446,900	471,100	451,200	3,493,510
Fire	1,498,500	1,319,870	653,450	454,550	4,429,350	9,153,500	1,682,000	803,800	2,595,400	21,091,920
Public Works	4,748,010	4,044,220	4,490,720	8,054,530	2,179,920	2,405,080	2,316,610	1,181,400	1,704,500	26,376,980
Development Services	25,203,450	13,985,530	11,370,130	17,400,890	14,360,280	9,771,000	9,245,000	10,201,000	8,125,000	94,458,830
Economic Development Area	650,000	632,000	900,000	-	-	-	-	-	-	1,532,000
Information Systems	842,000	737,000	382,500	217,500	358,500	273,500	789,000	378,500	323,500	3,460,000
Sears Centre Arena	293,000	1,208,000	125,000	55,500	179,500	80,500	51,000	46,000	36,000	1,781,500
TOTAL COSTS	\$ 33,796,660	\$ 22,529,920	\$ 18,634,090	\$ 26,808,060	\$ 22,044,450	\$ 22,148,380	\$ 14,570,510	\$ 13,175,880	\$ 13,235,600	\$ 153,146,890

Village of Hoffman Estates, Illinois
2017-2024 Eight Year Capital Improvements Program
Summary of Capital Requests

Department: *General Government*

Project Name	Project Type	Page	Prior Year	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
Village-Wide Radio Replacement	90	143	187,890	187,890	187,890	78,290	-	-	-	-	-	454,070
Replacement of Video Systems	90	144	-	50,000	30,000	75,000	105,000	20,000	40,000	-	-	320,000
Copier Replacement Program	90	145	-	-	84,000	-	-	-	-	94,080	-	178,080
TOTAL COSTS			\$ 187,890	\$ 237,890	\$ 301,890	\$ 153,290	\$ 105,000	\$ 20,000	\$ 40,000	\$ 94,080	\$ -	\$ 952,150
Proposed Source of Funds												
Capital Replacement Fund			-	-	-	-	-	-	-	-	-	-
General Fund			81,960	131,960	195,960	109,010	105,000	20,000	40,000	94,080	-	696,010
Water Sewer Fund			16,800	16,800	16,800	8,060	-	-	-	-	-	41,660
Asset Seizure Fund, Federal			89,130	89,130	89,130	36,220	-	-	-	-	-	214,480
TOTAL FUNDS			\$ 187,890	\$ 237,890	\$ 301,890	\$ 153,290	\$ 105,000	\$ 20,000	\$ 40,000	\$ 94,080	\$ -	\$ 952,150

Project Type Codes:

10 Water & Sanitary Sewer Systems
 20 Storm Sewer
 30 Resurfacing Curbs, Gutters, and Sidewalks

40 Street Construction & Reconstruction
 50 Other Public Improvements
 60 Village-owned Public Buildings
 70 Technology

80 Automotive Equipment
 90 Non-automotive Equipment
 00 Miscellaneous

Village of Hoffman Estates, Illinois
2017-2024 Eight Year Capital Improvements Program
Summary of Capital Requests

Department: *Police Department*

Project Name	Project Type	Page	Prior Year	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
Tornado Siren Replacement	50	120	19,000	19,000	20,000	20,000	20,000	21,000	21,000	21,000	21,000	163,000
In-Car Digital Video Cameras	70	234	27,410	39,410	57,100	38,200	38,200	50,200	38,200	62,500	42,500	366,310
Patrol Vehicles	80	146	282,400	259,600	287,300	287,300	325,300	287,300	299,300	299,300	337,300	2,382,700
Vehicles - Investigations Division	80	148	34,000	-	-	40,000	-	-	40,000	-	-	80,000
Emergency Overhead Lighting Systems	80	149	11,000	11,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	95,000
Traffic Section Vehicle	80	150	-	36,400	-	37,900	-	37,900	-	37,900	-	150,100
Administrative Vehicles	80	151	-	-	34,000	36,400	36,400	36,400	36,400	38,400	38,400	256,400
TOTAL COSTS			\$ 373,810	\$ 365,410	\$ 410,400	\$ 471,800	\$ 431,900	\$ 444,800	\$ 446,900	\$ 471,100	\$ 451,200	\$ 3,493,510
Proposed Source of Funds												
General Fund			316,400	108,315	382,990	444,390	404,490	405,390	419,490	443,690	423,790	3,032,545
IS User Charges			-	12,000	-	-	-	12,000	-	-	-	24,000
DUI Reimbursement Fund			27,410	27,410	27,410	27,410	27,410	27,410	27,410	27,410	27,410	219,280
Court Supervision Escrow			30,000	-	-	-	-	-	-	-	-	-
Emergency Services Escrow			-	128,900	-	-	-	-	-	-	-	128,900
US Marshal Escrow			-	30,905	-	-	-	-	-	-	-	30,905
BATTLE Escrow			-	32,680	-	-	-	-	-	-	-	32,680
BATTLE Project Income Escrow			-	25,200	-	-	-	-	-	-	-	25,200
TOTAL FUNDS			\$ 373,810	\$ 365,410	\$ 410,400	\$ 471,800	\$ 431,900	\$ 444,800	\$ 446,900	\$ 471,100	\$ 451,200	\$ 3,493,510

Project Type Codes:

10 Water & Sanitary Sewer Systems
 20 Storm Sewer
 30 Resurfacing Curbs, Gutters, and Sidewalks

40 Street Construction & Reconstruction
 50 Other Public Improvements
 60 Village-owned Public Buildings
 70 Technology

80 Automotive Equipment
 90 Non-automotive Equipment
 00 Miscellaneous

Village of Hoffman Estates, Illinois
2017-2024 Eight Year Capital Improvements Program
Summary of Capital Requests

Department: Fire Department

Project Name	Project Type	Page	Prior Year	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
Thermal Imaging Cameras (TIC)	90	152	98,000	100,000	-	-	-	-	-	-	-	100,000
Protective Clothing	90	153	40,000	42,500	42,500	45,000	45,000	47,500	47,500	50,000	50,000	370,000
Apparatus Refurbishment Program	80	154	67,500	-	-	-	-	76,000	-	-	-	76,000
Fitness Equipment at Fire Stations	90	155	-	30,000	-	30,000	-	30,000	-	30,000	-	120,000
Reserve Engine 21 (RE21)	80	156	-	576,600	-	-	-	-	-	-	-	576,600
Fire Car 7	80	157	-	53,750	-	-	-	-	-	-	-	53,750
Fire Car 2	80	158	-	-	46,000	-	-	-	-	-	-	46,000
Self Contained Breathing Apparatus Replacement	80	159	-	517,020	-	-	-	-	-	-	-	517,020
SCBA Compressor Replacement	80	160	-	-	48,000	-	-	-	-	-	-	48,000
Emergency Medical Services Reporting Program	70	236	-	-	30,000	-	-	-	-	35,000	-	65,000
Reserve Ambulance 21 (RA21)	80	161	-	-	328,350	-	-	-	-	-	-	328,350
Fire Car #3	80	162	-	-	58,600	-	-	-	-	-	-	58,600
Construction of Fire Stations	60	100	-	-	100,000	-	4,000,000	9,000,000	-	-	-	13,100,000
Reserve Ambulance 24 (RA24)	80	163	-	-	-	336,200	-	-	-	-	-	336,200
Fire Car 6	80	164	-	-	-	43,350	-	-	-	-	-	43,350
Reserve Ambulance 23 (RA23)	80	165	-	-	-	-	342,100	-	-	-	-	342,100
Fire Car 1	80	166	-	-	-	-	42,250	-	-	-	-	42,250
Reserve Truck 24	80	167	-	-	-	-	-	-	1,634,500	-	-	1,634,500
Reserve Engine 23 (RE23)	80	168	-	-	-	-	-	-	-	688,800	-	688,800
Reserve Engine 21 (E24)	80	169	-	-	-	-	-	-	-	-	709,200	709,200
Truck 24 (T24)	80	170	-	-	-	-	-	-	-	-	1,836,200	1,836,200
TOTAL COSTS			\$ 205,500	\$1,319,870	\$ 653,450	\$ 454,550	\$4,429,350	\$9,153,500	\$1,682,000	\$ 803,800	\$2,595,400	\$ 21,091,920
Proposed Source of Funds												
General Fund			107,500	172,500	195,100	454,550	429,350	153,500	1,682,000	768,800	2,595,400	6,451,200
Capital Replacement Fund			-	211,200	328,350	-	-	-	-	-	-	539,550
Grant Funding			78,400	359,570	-	-	-	-	-	-	-	359,570
IS User Charges			-	-	30,000	-	-	-	-	35,000	-	65,000
Bond Issue			-	576,600	-	-	-	-	-	-	-	576,600
Unfunded			19,600	-	100,000	-	4,000,000	9,000,000	-	-	-	13,100,000
TOTAL FUNDS			\$ 205,500	\$1,319,870	\$ 653,450	\$ 454,550	\$4,429,350	\$9,153,500	\$1,682,000	\$ 803,800	\$2,595,400	\$ 21,091,920

Project Type Codes:

10 Water & Sanitary Sewer Systems
20 Storm Sewer
30 Resurfacing Curbs, Gutters, and Sidewalks

40 Street Construction & Reconstruction
50 Other Public Improvements
60 Village-owned Public Buildings
70 Technology

80 Automotive Equipment
90 Non-automotive Equipment
00 Miscellaneous

Village of Hoffman Estates, Illinois
2017 - 2024 Capital Improvements Program
Summary of Capital Requests
Department: Public Works

Project Name	Project Type	Page	Prior Year	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
Divisions in the General Fund:												
Village Hall Masonry Cleaning	60	102	-	-	50,600	-	-	-	-	-	-	50,600
Underground Storage Tank Access Ports	60	103	-	30,000	-	-	-	-	-	-	-	30,000
Replacement of Village Hall Chiller Valves	60	104	-	-	-	55,000	-	-	-	120,000	230,000	405,000
Roof Replacements	60	105	-	-	35,000	-	58,600	-	475,000	-	-	568,600
Tuckpointing	60	107	40,000	-	-	40,000	-	-	-	40,000	-	80,000
Replacement Boiler Fleet Services	60	108	-	-	-	47,000	-	-	-	-	-	47,000
Replacement AC Chiller Fire Station 24	60	109	-	-	-	-	-	-	-	-	30,000	30,000
Replacement Boilers Fire Station 24	60	110	-	-	-	-	-	-	-	-	35,000	35,000
Emerald Ash Borer Response	50	121	610,000	95,000	-	-	-	-	-	-	-	95,000
Village Creek Drainage Improvement	20	122	-	-	60,000	60,000	60,000	60,000	60,000	60,000	60,000	420,000
Sidewalk/Curb Replacement Program	30	80	60,000	70,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	630,000
Street Light Pole Replacement	30	82	-	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	80,000
Village Hall/Police Dept Plantings	50	125	-	30,000	30,000	30,000	30,000	30,000	-	-	-	150,000
PCMS Message Boards	90	171	-	19,000	19,570	20,150	20,760	21,380	-	-	-	100,860
Message Center Board Replacements	50	126	-	57,800	57,800	-	-	-	-	-	-	115,600
Sidewalk Tractor	80	172	-	50,000	-	-	-	-	-	-	-	50,000
Dump Truck Unit #4	80	173	-	-	173,760	-	-	-	-	-	-	173,760
Dump Truck Unit #11	80	174	-	-	173,760	-	-	-	-	-	-	173,760
Dump Truck Unit #13	80	175	-	173,760	-	-	-	-	-	-	-	173,760
Dump Truck Unit #14	80	176	-	173,760	-	-	-	-	-	-	-	173,760
40 Ft. Aerial Lift Truck Unit #54	80	177	-	143,770	-	-	-	-	-	-	-	143,770
GrappleTruck Unit #80	80	178	-	-	149,600	-	-	-	-	-	-	149,600
Pavement Roller Unit #51	80	179	-	-	52,340	-	-	-	-	-	-	52,340
2.5 Ton HD Dump Truck	80	180	-	-	-	180,980	-	-	-	-	-	180,980
4x4 Pick-up Truck	80	181	-	-	-	44,750	-	-	-	-	-	44,750
Branch/Brush Chipper Unit #126	90	182	-	-	78,000	-	-	-	-	-	-	78,000
Dump Truck Unit #5	80	183	-	-	178,980	-	-	-	-	-	-	178,980
4x4 Crew Cab Pick-up Unit #33	80	184	-	-	38,390	-	-	-	-	-	-	38,390
4x4 Mini Dump Truck, Unit #49	80	185	-	-	54,860	-	-	-	-	-	-	54,860
4x4 Crew Cab Pick-up Unit #97	80	186	-	-	38,390	-	-	-	-	-	-	38,390
Insulated Diesel Exhaust Fluid Cabinet	90	187	-	-	30,000	-	-	-	-	-	-	30,000
4x4 Pick-Up Truck, Unit #22	80	188	-	-	-	43,140	-	-	-	-	-	43,140
Mini-Dump Truck Unit #41	80	189	-	-	-	47,130	-	-	-	-	-	47,130
4x4 Mini-Dump Truck Unit #48	80	190	-	-	-	47,130	-	-	-	-	-	47,130
Tractor/Mower Unit #144	90	191	-	-	-	41,900	-	-	-	-	-	41,900
Dump Truck Unit #6	80	192	-	-	-	184,190	-	-	-	-	-	184,190
Dump Truck Unit #7	80	193	-	-	-	184,190	-	-	-	-	-	184,190

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Village of Hoffman Estates, Illinois
2017 - 2024 Capital Improvements Program
Summary of Capital Requests
Department: Public Works

Project Name	Project Type	Page	Prior Year	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
4x4 Pick Up Truck Unit #38	80	194	-	-	-	40,290	-	-	-	-	-	40,290
4x4 Stake Body Crew Cab Truck, Unit #64	80	195	-	-	-	62,560	-	-	-	-	-	62,560
4x4 Pick-up Truck Unit #31	80	196	-	-	-	-	39,470	-	-	-	-	39,470
4x4 Pick-up Truck Unit #36	80	197	-	-	-	-	39,470	-	-	-	-	39,470
4x4 Stake Body Truck, Unit #43	80	198	-	-	-	-	51,300	-	-	-	-	51,300
Dump Truck Unit #16	80	199	-	-	-	-	-	194,620	-	-	-	194,620
4x4 Pick-up Truck Unit #30	80	200	-	-	-	-	-	50,120	-	-	-	50,120
4x4 Pick-up Truck Unit #32	80	201	-	-	-	-	-	40,560	-	-	-	40,560
4x4 Pick-up Truck Unit #39	80	202	-	-	-	-	-	40,560	-	-	-	40,560
Front End Loader Unit #50	90	203	-	-	-	-	-	186,000	-	-	-	186,000
4x4 Pick-Up Truck Unit #37	80	204	-	-	-	-	-	-	43,710	-	-	43,710
Service Van #92	80	205	-	-	-	-	-	-	26,850	-	-	26,850
4x4 Mini Dump Truck Unit #46	80	206	-	-	-	-	-	-	91,450	-	-	91,450
4x4 Stake Body Truck, Unit #44	80	207	-	-	-	-	-	-	-	63,650	-	63,650
Sign Truck Stake Body 2 WD Truck Unit #47	80	208	-	-	-	-	-	-	-	150,500	-	150,500
Tandem Axle Dump Truck Unit #17	80	209	-	-	-	-	-	-	-	-	220,000	220,000
Total Divisions in the General Fund			\$ 710,000	\$ 853,090	\$ 1,311,050	\$ 1,218,410	\$ 389,600	\$ 713,240	\$ 787,010	\$ 524,150	\$ 665,000	\$ 6,461,550
Divisions in the Water & Sewer Fund:												
Western Area Emergency Water Supply	10	46	631,700	654,000	-	-	-	-	-	-	-	654,000
Interior & Exterior Painting/Maintenance Repair of T-4	10	47	5,000	329,000	-	-	-	-	-	-	-	329,000
Water Main Replacement I-90	10	49	360,000	50,000	500,000	-	-	-	-	-	-	550,000
Lift Station Pump System Rehabilitation	10	50	375,130	55,130	1,388,000	180,000	18,000	180,000	100,000	40,000	300,000	2,261,130
Meter Change-Outs & Radio Read MIU Installations	10	52	150,000	140,000	175,000	175,000	175,000	225,000	225,000	125,000	125,000	1,365,000
Sanitary and Storm Sewer Televising/Construction	10	54	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	800,000
Valve Replacement	10	55	84,000	40,000	26,000	27,000	68,000	29,000	30,000	31,000	32,000	283,000
Sanitary Sewer Rehabilitation	10	56	75,000	1,390,000	135,000	192,500	515,000	410,000	110,000	110,000	110,000	2,972,500
Annual SCADA System Upgrade	10	58	32,000	33,000	34,000	35,000	36,000	37,000	38,000	40,000	40,000	293,000
Water Meters / New Construction	10	60	30,000	40,000	40,000	50,000	50,000	60,000	70,000	80,000	90,000	480,000
Water Main Replacement	10	62	410,000	75,000	350,000	315,000	-	100,000	-	-	100,000	940,000
Hydrant Replacements	10	63	47,500	-	52,500	55,000	57,500	60,000	62,500	65,000	67,500	420,000
Interior & Exterior Painting/Maintenance Repair of T-1	10	64	10,000	-	10,000	329,000	-	-	-	-	-	339,000
WDA Lift Station Pump & Control Replacement	10	66	86,310	-	-	-	86,310	46,310	-	-	-	132,620
Interior & Exterior Painting/Maintenance Repair of T-5	10	67	419,000	-	-	-	419,000	-	-	-	-	419,000
Backhoe/Loader 4x4 Tractor Unit #56	80	210	-	150,000	-	-	-	-	-	-	-	150,000

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Village of Hoffman Estates, Illinois
2017 - 2024 Capital Improvements Program
Summary of Capital Requests
Department: Public Works

Project Name	Project Type	Page	Prior Year	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
Moonlake Lift Wet Well Grinder/Restrainer	10	69	-	95,000	-	-	-	-	-	-	-	95,000
Portable Video Inspection Unit	10	70	-	40,000	-	-	-	-	-	-	-	40,000
Interior & Exterior Painting/Maintenance Repair of T-2	10	71	-	-	246,000	-	-	-	-	-	-	246,000
100KW Portable Generator Unit #309	90	211	-	-	63,600	-	-	-	-	-	-	63,600
Fork-Lift Truck Unit #303	80	212	-	-	30,570	-	-	-	-	-	-	30,570
Sky Jack Scissors Lift Unit #301	80	213	-	-	29,000	-	-	-	-	-	-	29,000
Replacement of Existing T-1	10	73	-	-	-	5,010,000	-	-	-	-	-	5,010,000
Abbeywood Pump Replacement & Control Upgrade	10	75	-	-	-	220,000	-	-	-	-	-	220,000
University Lift Station Pump Improvement	10	76	-	-	-	60,000	-	-	-	-	-	60,000
4x4 Pick-Up Truck w Plow Unit #27	90	214	-	-	-	43,810	-	-	-	-	-	43,810
4x4 Pick-Up Truck w Plow Unit #63	90	215	-	-	-	43,810	-	-	-	-	-	43,810
4x2 heavy Duty Service Truck Unit #20	80	216	-	-	-	-	130,450	-	-	-	-	130,450
4x4 Pick-Up Truck w Plow Unit #26	80	217	-	-	-	-	45,030	-	-	-	-	45,030
4x4 Pick-up Utility Truck Unit #70	80	218	-	-	-	-	45,030	-	-	-	-	45,030
Western Area Water System Improvements	10	77	-	-	-	-	45,000	250,000	400,000	-	-	695,000
4x2 3/4 Ton Pick-Up Truck Unit #18	80	219	-	-	-	-	-	47,330	-	-	-	47,330
4x2 Mini-Pick-Up Truck Unit #25	80	220	-	-	-	-	-	29,210	-	-	-	29,210
4x4 Mini Dump Truck Unit #61	80	221	-	-	-	-	-	88,780	-	-	-	88,780
4x2 Mini Pick-Up Truck Unit #77	80	222	-	-	-	-	-	29,210	-	-	-	29,210
4x4 Pick-Up Truck w Plow Unit #19	80	223	-	-	-	-	-	-	68,470	-	-	68,470
4x2 Full Size Service Van Unit #28	80	224	-	-	-	-	-	-	33,200	-	-	33,200
4x4 Flat Bed Truck Unit #62	80	225	-	-	-	-	-	-	55,710	-	-	55,710
4x4 Mini SUV Unit # 23	80	226	-	-	-	-	-	-	40,720	-	-	40,720
Semi Tractor Truck & Dump Trailer Unit #68	80	227	-	-	-	-	-	-	196,000	-	-	196,000
4x2 Pick Up Truck, Unit #21	80	228	-	-	-	-	-	-	-	23,750	-	23,750
4x2 1/2 Ton Pick-Up Truck Unit #24	80	229	-	-	-	-	-	-	-	42,500	-	42,500
Utility Van; Unit #60	80	230	-	-	-	-	-	-	-	-	75,000	75,000
Total Divisions in the Water & Sewer Fund			\$ 2,815,640	\$ 3,191,130	\$ 3,179,670	\$ 6,836,120	\$ 1,790,320	\$ 1,691,840	\$ 1,529,600	\$ 657,250	\$ 1,039,500	\$ 19,915,430
TOTAL PUBLIC WORKS			\$ 3,525,640	\$ 4,044,220	\$ 4,490,720	\$ 8,054,530	\$ 2,179,920	\$ 2,405,080	\$ 2,316,610	\$ 1,181,400	\$ 1,704,500	\$ 26,376,980

Project Type Codes:

10 Water & Sanitary Sewer Systems
20 Storm Sewer
30 Resurfacing Curbs, Gutters, and Sidewalks

40 Street Construction & Reconstruction
50 Other Public Improvements
60 Village-owned Public Buildings
70 Technology

80 Automotive Equipment
90 Non-automotive Equipment
00 Miscellaneous

Village of Hoffman Estates, Illinois
2017-2024 Eight Year Capital Improvements Program
Summary of Capital Requests

Department: *Public Works - Facilities*

Project Name	Project Type	Page	Prior Year	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
Village Hall Masonry Cleaning	60	102	-	-	50,600	-	-	-	-	-	-	50,600
Underground Storage Tank Access Ports	60	103	-	30,000	-	-	-	-	-	-	-	30,000
Replacement of Village Hall Chiller Valves	60	104	-	-	-	55,000	-	-	-	120,000	230,000	405,000
Roof Replacements	60	105	-	-	35,000	-	58,600	-	475,000	-	-	568,600
Tuckpointing	60	107	40,000	-	-	40,000	-	-	-	40,000	-	80,000
Replacement Boiler Fleet Services	60	108	-	-	-	47,000	-	-	-	-	-	47,000
Replacement AC Chiller Fire Station 24	60	109	-	-	-	-	-	-	-	-	30,000	30,000
Replacement Boilers Fire Station 24	60	110	-	-	-	-	-	-	-	-	35,000	35,000
TOTAL COSTS			\$ 40,000	\$ 30,000	\$ 85,600	\$ 142,000	\$ 58,600	\$ -	\$ 475,000	\$ 160,000	\$ 295,000	\$ 1,246,200
Proposed Source of Funds												
General Fund			40,000	30,000	85,600	118,500	58,600	-	317,000	160,000	295,000	1,064,700
Water & Sewer Fund			-	-	-	-	-	-	158,000	-	-	158,000
Bond Issue			-	-	-	23,500	-	-	-	-	-	23,500
TOTAL FUNDS			\$ 40,000	\$ 30,000	\$ 85,600	\$ 142,000	\$ 58,600	\$ -	\$ 475,000	\$ 160,000	\$ 295,000	\$ 1,246,200

Project Type Codes:

10 Water & Sanitary Sewer Systems
 20 Storm Sewer
 30 Resurfacing Curbs, Gutters, and Sidewalks

40 Street Construction & Reconstruction
 50 Other Public Improvements
 60 Village-owned Public Buildings
 70 Technology

80 Automotive Equipment
 90 Non-automotive Equipment
 00 Miscellaneous

**Village of Hoffman Estates, Illinois
2017-2024 Eight Year Capital Improvements Program
Summary of Capital Requests
Department: *Public Works - Streets***

Project Name	Project Type	Page	Prior Year	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
Emerald Ash Borer Response	50	121	610,000	95,000	-	-	-	-	-	-	-	95,000
Village Creek Drainage Improvement	20	122	-	-	60,000	60,000	60,000	60,000	60,000	60,000	60,000	420,000
Sidewalk/Curb Replacement Program	30	80	60,000	70,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	630,000
Street Light Pole Replacement	30	82	-	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	80,000
Village Hall/Police Dept Plantings	50	125	-	30,000	30,000	30,000	30,000	30,000	-	-	-	150,000
PCMS Message Boards	90	171	-	19,000	19,570	20,150	20,760	21,380	-	-	-	100,860
Message Center Board Replacements	50	126	-	57,800	57,800	-	-	-	-	-	-	115,600
Sidewalk Tractor	80	172	-	50,000	-	-	-	-	-	-	-	50,000
Dump Truck Unit #4	80	173	-	-	173,760	-	-	-	-	-	-	173,760
Dump Truck Unit #11	80	174	-	-	173,760	-	-	-	-	-	-	173,760
Dump Truck Unit #13	80	175	-	173,760	-	-	-	-	-	-	-	173,760
Dump Truck Unit #14	80	176	-	173,760	-	-	-	-	-	-	-	173,760
40 Ft. Aerial Lift Truck Unit #54	80	177	-	143,770	-	-	-	-	-	-	-	143,770
GrappleTruck Unit #80	80	178	-	-	149,600	-	-	-	-	-	-	149,600
Pavement Roller Unit #51	80	179	-	-	52,340	-	-	-	-	-	-	52,340
2.5 Ton HD Dump Truck	80	180	-	-	-	180,980	-	-	-	-	-	180,980
4x4 Pick-up Truck	80	181	-	-	-	44,750	-	-	-	-	-	44,750
Branch/Brush Chipper Unit #126	90	182	-	-	78,000	-	-	-	-	-	-	78,000
Dump Truck Unit #5	80	183	-	-	178,980	-	-	-	-	-	-	178,980
4x4 Crew Cab Pick-up Unit #33	80	184	-	-	38,390	-	-	-	-	-	-	38,390
4x4 Mini Dump Truck, Unit #49	80	185	-	-	54,860	-	-	-	-	-	-	54,860
4x4 Crew Cab Pick-up Unit #97	80	186	-	-	38,390	-	-	-	-	-	-	38,390
Insulated Diesel Exhaust Fluid Cabinet	90	187	-	-	30,000	-	-	-	-	-	-	30,000
4x4 Pick-Up Truck, Unit #22	80	188	-	-	-	43,140	-	-	-	-	-	43,140
Mini-Dump Truck Unit #41	80	189	-	-	-	47,130	-	-	-	-	-	47,130
4x4 Mini-Dump Truck Unit #48	80	190	-	-	-	47,130	-	-	-	-	-	47,130
Tractor/Mower Unit #144	90	191	-	-	-	41,900	-	-	-	-	-	41,900
Dump Truck Unit #6	80	192	-	-	-	184,190	-	-	-	-	-	184,190
Dump Truck Unit #7	80	193	-	-	-	184,190	-	-	-	-	-	184,190
4X4 Pick Up Truck Unit #38	80	194	-	-	-	40,290	-	-	-	-	-	40,290
4x4 Stake Body Crew Cab Truck, Unit #64	80	195	-	-	-	62,560	-	-	-	-	-	62,560
4x4 Pick-up Truck Unit #31	80	196	-	-	-	-	39,470	-	-	-	-	39,470
4x4 Pick-up Truck Unit #36	80	197	-	-	-	-	39,470	-	-	-	-	39,470
4x4 Stake Body Truck, Unit #43	80	198	-	-	-	-	51,300	-	-	-	-	51,300
Dump Truck Unit #16	80	199	-	-	-	-	-	194,620	-	-	-	194,620
4x4 Pick-up Truck Unit #30	80	200	-	-	-	-	-	50,120	-	-	-	50,120
4x4 Pick-up Truck Unit #32	80	201	-	-	-	-	-	40,560	-	-	-	40,560
4x4 Pick-up Truck Unit #39	80	202	-	-	-	-	-	40,560	-	-	-	40,560
Front End Loader Unit #50	90	203	-	-	-	-	-	186,000	-	-	-	186,000
4x4 Pick-Up Truck Unit #37	80	204	-	-	-	-	-	-	43,710	-	-	43,710
Service Van #92	80	205	-	-	-	-	-	-	26,850	-	-	26,850
4x4 Mini Dump Truck Unit #46	80	206	-	-	-	-	-	-	91,450	-	-	91,450
4x4 Stake Body Truck, Unit #44	80	207	-	-	-	-	-	-	-	63,650	-	63,650
Sign Truck Stake Body 2 WD Truck Unit #47	80	208	-	-	-	-	-	-	-	150,500	-	150,500
Tandem Axle Dump Truck Unit #17	80	209	-	-	-	-	-	-	-	-	220,000	220,000
TOTAL COSTS			\$ 670,000	\$ 823,090	\$ 1,225,450	\$ 1,076,410	\$ 331,000	\$ 713,240	\$ 312,010	\$ 364,150	\$ 370,000	\$ 5,215,350

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Village of Hoffman Estates, Illinois
2017-2024 Eight Year Capital Improvements Program
Summary of Capital Requests
Department: *Public Works - Streets*

Proposed Source of Funds	Prior Year	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
General Fund	-	514,320	998,810	701,980	251,000	633,240	156,530	284,150	290,000	3,830,030
Capital Replacement Fund	-	143,770	146,640	47,130	-	-	-	-	-	337,540
MFT Fund	60,000	70,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	630,000
Water & Sewer Fund	-	-	-	-	-	-	75,480	-	-	75,480
General Fund Fund Balance	610,000	95,000	-	-	-	-	-	-	-	95,000
Bond Issue	-	-	-	21,570	-	-	-	-	-	21,570
Plum Farm TIF Funds	-	-	-	225,730	-	-	-	-	-	225,730
TOTAL FUNDS	\$ 670,000	\$ 823,090	\$ 1,225,450	\$ 850,680	\$ 331,000	\$ 713,240	\$ 312,010	\$ 364,150	\$ 370,000	\$ 5,215,350

Project Type Codes:

10 Water & Sanitary Sewer Systems
20 Storm Sewer
30 Resurfacing Curbs, Gutters, and
Sidewalks

40 Street Construction & Reconstruction
50 Other Public Improvements
60 Village-owned Public Buildings
70 Technology

80 Automotive Equipment
90 Non-automotive Equipment
00 Miscellaneous

**Village of Hoffman Estates, Illinois
2017-2024 Eight Year Capital Improvements Program
Summary of Capital Requests**

Department: Public Works - Water & Sewer

Project Name	Project Type	Page	Prior Year	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
Western Area Emergency Water Supply	10	46	631,700	654,000	-	-	-	-	-	-	-	654,000
Interior & Exterior Painting/Maintenance Repair of T-4	10	47	5,000	329,000	-	-	-	-	-	-	-	329,000
Water Main Replacement I-90	10	49	360,000	50,000	500,000	-	-	-	-	-	-	550,000
Lift Station Pump System Rehabilitation	10	50	375,130	55,130	1,388,000	180,000	18,000	180,000	100,000	40,000	300,000	2,261,130
Meter Change-Outs & Radio Read MIU Installations	10	52	150,000	140,000	175,000	175,000	175,000	225,000	225,000	125,000	125,000	1,365,000
Sanitary and Storm Sewer Televising/Construction	10	54	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	800,000
Valve Replacement	10	55	84,000	40,000	26,000	27,000	68,000	29,000	30,000	31,000	32,000	283,000
Sanitary Sewer Rehabilitation	10	56	75,000	1,390,000	135,000	192,500	515,000	410,000	110,000	110,000	110,000	2,972,500
Annual SCADA System Upgrade	10	58	32,000	33,000	34,000	35,000	36,000	37,000	38,000	40,000	40,000	293,000
Water Meters / New Construction	10	60	30,000	40,000	40,000	50,000	50,000	60,000	70,000	80,000	90,000	480,000
Water Main Replacement	10	62	410,000	75,000	350,000	315,000	-	100,000	-	-	100,000	940,000
Hydrant Replacements	10	63	47,500	-	52,500	55,000	57,500	60,000	62,500	65,000	67,500	420,000
Interior & Exterior Painting/Maintenance Repair of T-1	10	64	10,000	-	10,000	329,000	-	-	-	-	-	339,000
WDA Lift Station Pump & Control Replacement	10	66	86,310	-	-	-	86,310	46,310	-	-	-	132,620
Interior & Exterior Painting/Maintenance Repair of T-5	10	67	419,000	-	-	-	419,000	-	-	-	-	419,000
Backhoe/Loader 4x4 Tractor Unit #56	80	210	-	150,000	-	-	-	-	-	-	-	150,000
Moonlake Lift Wet Well Grinder/Restrainer	10	69	-	95,000	-	-	-	-	-	-	-	95,000
Portable Video Inspection Unit	10	70	-	40,000	-	-	-	-	-	-	-	40,000
Interior & Exterior Painting/Maintenance Repair of T-2	10	71	-	-	246,000	-	-	-	-	-	-	246,000
100KW Portable Generator Unit #309	90	211	-	-	63,600	-	-	-	-	-	-	63,600
Fork-Lift Truck Unit #303	80	212	-	-	30,570	-	-	-	-	-	-	30,570
Sky Jack Scissors Lift Unit #301	80	213	-	-	29,000	-	-	-	-	-	-	29,000
Replacement of Existing T-1	10	73	-	-	-	5,010,000	-	-	-	-	-	5,010,000
Abbeywood Pump Replacement & Control Upgrade	10	75	-	-	-	220,000	-	-	-	-	-	220,000
University Lift Station Pump Improvement	10	76	-	-	-	60,000	-	-	-	-	-	60,000
4x4 Pick-Up Truck w Plow Unit #27	90	214	-	-	-	43,810	-	-	-	-	-	43,810
4x4 Pick-Up Truck w Plow Unit #63	90	215	-	-	-	43,810	-	-	-	-	-	43,810
4x2 heavy Duty Service Truck Unit #20	80	216	-	-	-	-	130,450	-	-	-	-	130,450
4x4 Pick-Up Truck w Plow Unit #26	80	217	-	-	-	-	45,030	-	-	-	-	45,030
4x4 Pick-up Utility Truck Unit #70	80	218	-	-	-	-	45,030	-	-	-	-	45,030
Western Area Water System Improvements	10	77	-	-	-	-	45,000	250,000	400,000	-	-	695,000
4x2 3/4 Ton Pick-Up Truck Unit #18	80	219	-	-	-	-	-	47,330	-	-	-	47,330
4x2 Mini-Pick-Up Truck Unit #25	80	220	-	-	-	-	-	29,210	-	-	-	29,210
4x4 Mini Dump Truck Unit #61	80	221	-	-	-	-	-	88,780	-	-	-	88,780
4x2 Mini Pick-Up Truck Unit #77	80	222	-	-	-	-	-	29,210	-	-	-	29,210
4x4 Pick-Up Truck w Plow Unit #19	80	223	-	-	-	-	-	-	68,470	-	-	68,470
4x2 Full Size Service Van Unit #28	80	224	-	-	-	-	-	-	33,200	-	-	33,200
4x4 Flat Bed Truck Unit #62	80	225	-	-	-	-	-	-	55,710	-	-	55,710
4x4 Mini SUV Unit # 23	80	226	-	-	-	-	-	-	40,720	-	-	40,720
Semi Tractor Truck & Dump Trailer Unit #68	80	227	-	-	-	-	-	-	196,000	-	-	196,000
4x2 Pick Up Truck, Unit #21	80	228	-	-	-	-	-	-	-	23,750	-	23,750
4x2 1/2 Ton Pick-Up Truck Unit #24	80	229	-	-	-	-	-	-	-	42,500	-	42,500
Utility Van; Unit #60	80	230	-	-	-	-	-	-	-	-	75,000	75,000
TOTAL COSTS			\$ 2,815,640	\$ 3,191,130	\$ 3,179,670	\$ 6,836,120	\$ 1,790,320	\$ 1,691,840	\$ 1,529,600	\$ 657,250	\$ 1,039,500	\$ 19,915,430

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**Village of Hoffman Estates, Illinois
2017-2024 Eight Year Capital Improvements Program
Summary of Capital Requests**

Department: *Public Works - Water & Sewer*

Proposed Source of Funds	Prior Year	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
General Fund	-	-	14,500	29,260	30,060	31,000	110,340	-	-	215,160
Water & Sewer Fund	-	40,000	18,000	29,180	1,246,260	1,360,840	969,260	607,250	989,500	5,260,290
EDA Bond Proceeds	315,850	327,000	-	-	-	-	-	-	-	327,000
Electric Utility Tax	50,000	-	-	-	-	-	-	-	-	-
State of Illinois Loan	799,130	384,130	1,616,000	-	-	-	-	-	-	2,000,130
Bond Issue	1,640,660	2,390,000	1,471,170	1,328,680	-	-	-	-	-	5,189,850
Unfunded	10,000	-	10,000	5,399,000	464,000	250,000	400,000	-	-	6,523,000
TOTAL FUNDS	\$ 2,815,640	\$ 3,141,130	\$ 3,129,670	\$ 6,786,120	\$ 1,740,320	\$ 1,641,840	\$ 1,479,600	\$ 607,250	\$ 989,500	\$ 19,515,430

**Village of Hoffman Estates, Illinois
2017 - 2024 Capital Improvements Program
Summary of Capital Requests**

Department: *Development Services*

Project Name	Project Type	Page	Prior Year	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
CDBG Projects	50	127	115,000	82,900	91,000	91,000	91,000	91,000	91,000	91,000	91,000	719,900
Code Enforcement Division Vehicles	80	231	-	20,600	29,380	64,890	15,280	-	-	-	-	130,150
Barrington Interchange	40	84	16,750,000	1,700,000	-	-	-	-	-	-	-	1,700,000
I-90 Pedestrian Overpass	40	85	-	500,000	-	-	-	-	-	-	-	500,000
Shoe Factory Road	40	86	-	-	-	8,000,000	4,500,000	-	-	-	-	12,500,000
Street Revitalization	40	87	6,244,670	6,642,030	6,950,000	6,150,000	6,150,000	6,450,000	6,450,000	6,450,000	6,450,000	51,692,030
STP Resurfacing	40	88	-	1,570,000	950,000	700,000	760,000	-	1,100,000	-	-	5,080,000
Roselle Road Business District/TIF District	50	128	-	1,790,000	-	-	-	-	-	50,000	250,000	2,090,000
Stormwater Projects	20	129	125,000	1,060,000	590,750	550,000	620,000	340,000	680,000	420,000	490,000	4,750,750
Sidewalk & Bicycle Improvements	30	89	290,000	25,000	265,000	290,000	290,000	290,000	290,000	290,000	290,000	2,030,000
Hoffman Boulevard Bridge Maintenance	50	131	100,000	320,000	79,000	-	4,000	-	4,000	-	4,000	411,000
Central Road Bicycle Path	30	90	100,000	50,000	1,200,000	-	-	-	-	-	-	1,250,000
Shoe Factory Road & I-90 Undercrossing Path	30	91	400,000	-	775,000	-	-	-	-	-	-	775,000
Transportation/Engineering Vehicle Replacement	80	232	31,000	-	30,000	30,000	-	-	-	-	-	60,000
Huntington Boulevard Bicycle Path & Route-CMAQ	30	92	30,000	-	30,000	-	350,000	-	-	-	-	380,000
Transit Improvements	50	132	225,000	225,000	250,000	1,000,000	1,000,000	500,000	500,000	500,000	500,000	4,475,000
Safe Routes to School - former Federal Program	30	93	50,000	-	50,000	-	50,000	-	50,000	-	50,000	200,000
Intersection Improvements - Signals	40	94	-	-	80,000	400,000	80,000	400,000	80,000	400,000	-	1,440,000
Barrington Rd/Bode Rd Intersection Improvement	40	95	-	-	-	125,000	450,000	1,700,000	-	-	-	2,275,000
Beverly Interchange	40	96	-	-	-	-	-	-	-	2,000,000	-	2,000,000
TOTAL DEVELOPMENT SERVICES			\$ 24,460,670	\$ 13,985,530	\$ 11,370,130	\$ 17,400,890	\$ 14,360,280	\$ 9,771,000	\$ 9,245,000	\$ 10,201,000	\$ 8,125,000	\$ 94,458,830

Project Type Codes:

10 Water & Sanitary Sewer Systems
20 Storm Sewer
30 Resurfacing Curbs, Gutters, and Sidewalks

40 Street Construction & Reconstruction
50 Other Public Improvements
60 Village-owned Public Buildings
70 Technology

80 Automotive Equipment
90 Non-automotive Equipment
00 Miscellaneous

**Village of Hoffman Estates, Illinois
2017-2024 Eight Year Capital Improvements Program
Summary of Capital Requests**

Department: *Development Services - Administration*

Project Name	Project Type	Page	Prior Year	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
CDBG Projects	50	127	115,000	82,900	91,000	91,000	91,000	91,000	91,000	91,000	91,000	719,900
TOTAL COSTS			\$ 115,000	\$ 82,900	\$ 91,000	\$ 91,000	\$ 91,000	\$ 91,000	\$ 91,000	\$ 91,000	\$ 91,000	\$ 719,900
Proposed Source of Funds												
CDBG Grant			115,000	82,900	91,000	91,000	91,000	91,000	91,000	91,000	91,000	719,900
TOTAL FUNDS			\$ 115,000	\$ 82,900	\$ 91,000	\$ 91,000	\$ 91,000	\$ 91,000	\$ 91,000	\$ 91,000	\$ 91,000	\$ 719,900

Project Type Codes:

10 Water & Sanitary Sewer Systems
20 Storm Sewer
30 Resurfacing Curbs, Gutters, and Sidewalks

40 Street Construction & Reconstruction
50 Other Public Improvements
60 Village-owned Public Buildings
70 Technology

80 Automotive Equipment
90 Non-automotive Equipment
00 Miscellaneous

Village of Hoffman Estates, Illinois
2017-2024 Eight Year Capital Improvements Program
Summary of Capital Requests

Department: *Development Services - Code Enforcement*

Project Name	Project Type	Page	Prior Year	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
Code Enforcement Division Vehicles	80	231	-	20,600	29,380	64,890	15,280	-	-	-	-	130,150
TOTAL COSTS			\$ -	\$ 20,600	\$ 29,380	\$ 64,890	\$ 15,280	\$ -	\$ -	\$ -	\$ -	\$ 130,150
Proposed Source of Funds												
General Fund			-	-	29,380	64,890	15,280	-	-	-	-	109,550
Capital Replacement Fund			-	20,600	-	-	-	-	-	-	-	20,600
TOTAL FUNDS			\$ -	\$ 20,600	\$ 29,380	\$ 64,890	\$ 15,280	\$ -	\$ -	\$ -	\$ -	\$ 130,150

Project Type Codes:

10 Water & Sanitary Sewer Systems
 20 Storm Sewer
 30 Resurfacing Curbs, Gutters, and Sidewalks

40 Street Construction & Reconstruction
 50 Other Public Improvements
 60 Village-owned Public Buildings
 70 Technology

80 Automotive Equipment
 90 Non-automotive Equipment
 00 Miscellaneous

Village of Hoffman Estates, Illinois
2017-2024 Eight Year Capital Improvements Program
Summary of Capital Requests
Department: Development Services - Transportation & Engineering

Project Name	Project Type	Page	Prior Year	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
Barrington Interchange	40	84	16,750,000	1,700,000	-	-	-	-	-	-	-	1,700,000
I-90 Pedestrian Overpass	40	85	-	500,000	-	-	-	-	-	-	-	500,000
Shoe Factory Road	40	86	-	-	-	8,000,000	4,500,000	-	-	-	-	12,500,000
Street Revitalization	40	87	6,244,670	6,642,030	6,950,000	6,150,000	6,150,000	6,450,000	6,450,000	6,450,000	6,450,000	51,692,030
STP Resurfacing	40	88	-	1,570,000	950,000	700,000	760,000	-	1,100,000	-	-	5,080,000
Roselle Road Business District/TIF District	50	128	-	1,790,000	-	-	-	-	-	50,000	250,000	2,090,000
Stormwater Projects	20	129	125,000	1,060,000	590,750	550,000	620,000	340,000	680,000	420,000	490,000	4,750,750
Sidewalk & Bicycle Improvements	30	89	290,000	25,000	265,000	290,000	290,000	290,000	290,000	290,000	290,000	2,030,000
Hoffman Boulevard Bridge Maintenance	50	131	100,000	320,000	79,000	-	4,000	-	4,000	-	4,000	411,000
Central Road Bicycle Path	30	90	100,000	50,000	1,200,000	-	-	-	-	-	-	1,250,000
Shoe Factory Road & I-90 Undercrossing Path	30	91	400,000	-	775,000	-	-	-	-	-	-	775,000
Transportation/Engineering Vehicle Replacement	80	232	31,000	-	30,000	30,000	-	-	-	-	-	60,000
Huntington Boulevard Bicycle Path & Route-CMAQ	30	92	30,000	-	30,000	-	350,000	-	-	-	-	380,000
Transit Improvements	50	132	225,000	225,000	250,000	1,000,000	1,000,000	500,000	500,000	500,000	500,000	4,475,000
Safe Routes to School - former Federal Program	30	93	50,000	-	50,000	-	50,000	-	50,000	-	50,000	200,000
Intersection Improvements - Signals	40	94	-	-	80,000	400,000	80,000	400,000	80,000	400,000	-	1,440,000
Barrington Rd/Bode Rd Intersection Improvement	40	95	-	-	-	125,000	450,000	1,700,000	-	-	-	2,275,000
Beverly Interchange	40	96	-	-	-	-	-	-	-	2,000,000	-	2,000,000
TOTAL COSTS			\$ 24,345,670	\$ 13,882,030	\$ 11,249,750	\$ 17,245,000	\$ 14,254,000	\$ 9,680,000	\$ 9,154,000	\$ 10,110,000	\$ 8,034,000	\$ 93,608,780

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Village of Hoffman Estates, Illinois
2017-2024 Eight Year Capital Improvements Program
Summary of Capital Requests
Department: Development Services - Transportation & Engineering

Proposed Source of Funds	Prior Year	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
General Fund	-	25,000	30,000	30,000	-	-	-	-	-	85,000
General Fund Fund Balance	280,000	394,000	270,000	220,000	232,000	-	300,000	-	-	1,416,000
MFT Fund	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	8,800,000
CDBG Funds	200,000	198,000	200,000	-	200,000	-	200,000	-	-	798,000
Traffic Improvement Funds	-	250,000	-	-	-	-	-	-	-	250,000
Developer Contributions/Deposits	400,000	830,000	200,000	2,000,000	500,000	-	-	-	-	3,530,000
EDA Bond Funds	920,000	-	223,750	-	-	-	-	-	-	223,750
Roselle Rd TIF Fund	-	900,000	-	-	-	-	-	50,000	250,000	1,200,000
Roselle Rd TIF Fund Proceeds from Sale	-	890,000	-	-	-	-	-	-	-	890,000
Hoffman Blvd Bridge Maintenance Fund	100,000	320,000	4,000	-	4,000	-	4,000	-	4,000	336,000
Central Rd Corridor Fund	-	100,000	-	-	-	-	-	-	-	100,000
Western Area Traffic Improvement Fund	-	150,000	-	-	-	-	-	-	-	150,000
Road Improvement Fund Balance	-	250,000	75,000	-	-	-	-	-	-	325,000
Electric Utility Tax	1,900,000	1,800,000	1,686,000	1,686,000	1,686,000	1,686,000	1,686,000	1,686,000	1,686,000	13,602,000
Municipal Motor Fuel Tax	420,000	470,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	3,620,000
Municipal Gas Use Tax	1,444,670	1,150,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	8,850,000
Packaged Liquor Tax	-	315,000	315,000	315,000	315,000	315,000	315,000	315,000	315,000	2,520,000
Capital Replacement Fund	31,000	-	-	-	-	-	-	-	-	-
Impact Fees	-	870,000	-	-	-	-	-	-	-	870,000
Stormwater Fee	25,000	1,060,000	590,750	550,000	620,000	340,000	680,000	420,000	490,000	4,750,750
Hoffman Estates Park District	35,000	-	53,750	-	35,000	-	-	-	-	88,750
Tollway Contribution	11,000,000	-	-	-	-	-	-	-	-	-
State Capital Funds	5,450,000	-	-	-	-	-	-	-	-	-
Grant Proceeds	320,000	1,176,000	1,300,000	480,000	808,000	-	800,000	-	-	4,564,000
NWMC STP Funds	-	-	-	500,000	500,000	-	-	-	-	1,000,000
Cook County	-	-	-	6,000,000	3,000,000	-	-	-	-	9,000,000
Cook County Forest Preserve	40,000	-	77,500	-	-	-	-	-	-	77,500
Bond Issue	100,000	-	-	-	-	-	-	-	-	-
Unfunded	580,000	1,634,030	1,735,000	1,315,000	2,405,000	2,890,000	920,000	3,190,000	840,000	14,929,030
TOTAL FUNDS	\$ 24,345,670	\$ 13,882,030	\$ 9,410,750	\$ 15,746,000	\$ 12,955,000	\$ 7,881,000	\$ 7,555,000	\$ 8,311,000	\$ 6,235,000	\$ 81,975,780

Village of Hoffman Estates, Illinois
2017-2024 Eight Year Capital Improvements Program
Summary of Capital Requests

Department: *Economic Development Area*

Project Name	Project Type	Page	Prior Year	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
Prairie Stone Signage	50	133	625,000	500,000	300,000	-	-	-	-	-	-	800,000
Village Green Improvements	50	134	25,000	25,000	-	-	-	-	-	-	-	25,000
Rt. 59/Hoffman Turn Lane	40	97	-	-	25,000	-	-	-	-	-	-	25,000
Village Green Amphitheater	50	135	-	62,000	275,000	-	-	-	-	-	-	337,000
Village Green Parking Lot	50	136	-	45,000	300,000	-	-	-	-	-	-	345,000
TOTAL COSTS			\$ 650,000	\$ 632,000	\$ 900,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,532,000
Proposed Source of Funds												
EDA Bond Proceeds			650,000	132,000	900,000	-	-	-	-	-	-	1,032,000
Fire Station Sale Proceeds			-	500,000	-	-	-	-	-	-	-	500,000
TOTAL FUNDS			\$ 650,000	\$ 632,000	\$ 900,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,532,000

Project Type Codes:

10 Water & Sanitary Sewer Systems
 20 Storm Sewer
 30 Resurfacing Curbs, Gutters, and Sidewalks

40 Street Construction & Reconstruction
 50 Other Public Improvements
 60 Village-owned Public Buildings
 70 Technology

80 Automotive Equipment
 90 Non-automotive Equipment
 00 Miscellaneous

Village of Hoffman Estates, Illinois
2017-2024 Eight Year Capital Improvements Program
Summary of Capital Requests

Department: *Information Systems*

Project Name	Project Type	Page	Prior Year	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
Personal Computer Replacements	70	237	112,000	113,000	113,000	113,000	113,000	113,000	113,000	113,000	123,000	914,000
Network File Server Replacements	70	238	25,000	105,000	30,000	30,000	30,000	45,000	140,000	30,000	30,000	440,000
Computer Software	70	239	25,000	60,000	10,500	10,500	10,500	10,500	10,500	10,500	10,500	133,500
Wireless Infrastructure	70	240	25,000	-	45,000	-	-	40,000	-	-	45,000	130,000
Wireless infrastructure upgrade	70	241	180,000	180,000	20,000	20,000	20,000	20,000	20,000	180,000	20,000	480,000
Camera Syst. Replace. - Municipal Buildings	60	111	120,000	170,000	120,000	-	-	-	430,500	-	-	720,500
Telephone System Replacement	70	242	-	29,000	29,000	29,000	120,000	30,000	30,000	30,000	30,000	327,000
Sungard upgrade	70	243	50,000	30,000	-	-	50,000	-	30,000	-	50,000	160,000
Records Digitization and Document Management	70	244	-	50,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	155,000
TOTAL COSTS			\$ 537,000	\$ 737,000	\$ 382,500	\$ 217,500	\$ 358,500	\$ 273,500	\$ 789,000	\$ 378,500	\$ 323,500	\$ 3,460,000
Proposed Source of Funds												
IS User Charges			417,000	387,000	262,500	217,500	358,500	273,500	484,500	378,500	323,500	2,685,500
Information Systems Fund Balance			120,000	300,000	120,000	-	-	-	-	-	-	420,000
Water & Sewer Fund			-	50,000	-	-	-	-	52,500	-	-	102,500
Unfunded			-	-	-	-	-	-	252,000	-	-	252,000
TOTAL FUNDS			\$ 537,000	\$ 737,000	\$ 382,500	\$ 217,500	\$ 358,500	\$ 273,500	\$ 789,000	\$ 378,500	\$ 323,500	\$ 3,460,000

Project Type Codes:

10 Water & Sanitary Sewer Systems
 20 Storm Sewer
 30 Resurfacing Curbs, Gutters, and Sidewalks

40 Street Construction & Reconstruction
 50 Other Public Improvements
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80 Automotive Equipment
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 00 Miscellaneous

Village of Hoffman Estates, Illinois
2017-2024 Eight Year Capital Improvements Program
Summary of Capital Requests

Department: Sears Centre Arena

Project Name	Project Type	Page	Prior Year	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
SCA Site - Parking Lot Improvements	40	98	-	2,500	15,000	10,000	9,000	-	-	-	-	36,500
SCA Interior - Upgrades & Replacements to FF&E	60	112	-	5,000	5,000	10,000	10,000	10,000	10,000	10,000	10,000	70,000
SCA Interior	60	113	60,000	-	-	-	35,000	35,000	15,000	-	-	85,000
SCA Interior - Miscellaneous Building Repairs	60	114	10,000	20,000	-	10,000	-	10,000	-	10,000	-	50,000
Food & Beverage - Concession Stands & Kitchen	60	115	-	-	55,000	20,000	20,000	20,000	20,000	20,000	20,000	175,000
Annual PC Replacement/I.T. Projects	70	245	12,000	35,000	30,000	5,500	5,500	5,500	6,000	6,000	6,000	99,500
SCA-Upgrades to Club Room	00	137	50,000	28,000	-	-	-	-	-	-	-	28,000
SCA FF&E	00	138	-	230,000	20,000	-	100,000	-	-	-	-	350,000
Sports Player Box/Bench Replacement	60	116	-	25,000	-	-	-	-	-	-	-	25,000
Village Storage Building	60	117	-	862,500	-	-	-	-	-	-	-	862,500
TOTAL COSTS			\$ 132,000	\$ 1,208,000	\$ 125,000	\$ 55,500	\$ 179,500	\$ 80,500	\$ 51,000	\$ 46,000	\$ 36,000	\$ 1,781,500
Proposed Source of Funds												
Grants			-	115,000	-	-	-	-	-	-	-	115,000
Levy 2% Capital Fund			-	-	55,000	20,000	20,000	20,000	20,000	20,000	20,000	175,000
SCA Operating Budget			22,000	32,500	10,000	25,500	35,500	45,500	16,000	26,000	16,000	207,000
EDA Bond Proceeds			-	862,500	-	-	-	-	-	-	-	862,500
Unfunded			110,000	198,000	60,000	10,000	124,000	15,000	15,000	-	-	422,000
TOTAL FUNDS			\$ 132,000	\$ 1,208,000	\$ 125,000	\$ 55,500	\$ 179,500	\$ 80,500	\$ 51,000	\$ 46,000	\$ 36,000	\$ 1,781,500

Project Type Codes:

10 Water & Sanitary Sewer Systems
20 Storm Sewer
30 Resurfacing Curbs, Gutters, and Sidewalks

40 Street Construction & Reconstruction
50 Other Public Improvements
60 Village-owned Public Buildings
70 Technology

80 Automotive Equipment
90 Non-automotive Equipment
00 Miscellaneous

**Village of Hoffman Estates, Illinois
2017 - 2024 Capital Improvements Program
Summary of General Fund Requests**

Project	Project Type	Prior Year	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
General Government Requests:											
Village-Wide Radio Replacement	90	81,960	81,960	81,960	34,010	-	-	-	-	-	197,930
Replacement of Video Systems	90	-	50,000	30,000	75,000	105,000	20,000	40,000	-	-	320,000
Copier Replacement Program	90	-	-	84,000	-	-	-	-	94,080	-	178,080
Subtotal		81,960	131,960	195,960	109,010	105,000	20,000	40,000	94,080	-	696,010
Police Department Requests:											
Tornado Siren Replacement	50	19,000	19,000	20,000	20,000	20,000	21,000	21,000	21,000	21,000	163,000
In-Car Digital Video Cameras	70	-	-	29,690	10,790	10,790	10,790	10,790	35,090	15,090	123,030
Patrol Vehicles	80	252,400	41,915	287,300	287,300	325,300	287,300	299,300	299,300	337,300	2,165,015
Vehicles - Investigations Division	80	34,000	-	-	40,000	-	-	40,000	-	-	80,000
Emergency Overhead Lighting Systems	80	11,000	11,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	95,000
Traffic Section Vehicle	80	-	36,400	-	37,900	-	37,900	-	37,900	-	150,100
Administrative Vehicles	80	-	-	34,000	36,400	36,400	36,400	36,400	38,400	38,400	256,400
Subtotal		316,400	108,315	382,990	444,390	404,490	405,390	419,490	443,690	423,790	3,032,545
Fire Department Requests:											
Thermal Imaging Cameras (TIC)	90	-	100,000	-	-	-	-	-	-	-	100,000
Protective Clothing	90	40,000	42,500	42,500	45,000	45,000	47,500	47,500	50,000	50,000	370,000
Apparatus Refurbishment Program	80	67,500	-	-	-	-	76,000	-	-	-	76,000
Fitness Equipment at Fire Stations	90	-	30,000	-	30,000	-	30,000	-	30,000	-	120,000
Fire Car 7	80	-	-	-	-	-	-	-	-	-	-
Fire Car 2	80	-	-	46,000	-	-	-	-	-	-	46,000
SCBA Compressor Replacement	90	-	-	48,000	-	-	-	-	-	-	48,000
Fire Car #3	80	-	-	58,600	-	-	-	-	-	-	58,600
Reserve Ambulance 24 (RA24)	80	-	-	-	336,200	-	-	-	-	-	336,200
Fire Car 6	80	-	-	-	43,350	-	-	-	-	-	43,350
Reserve Ambulance 23 (RA23)	80	-	-	-	-	342,100	-	-	-	-	342,100
Fire Car 1	80	-	-	-	-	42,250	-	-	-	-	42,250
Reserve Truck 24	80	-	-	-	-	-	-	1,634,500	-	-	1,634,500
Reserve Engine 23 (RE23)	80	-	-	-	-	-	-	-	688,800	-	688,800
Reserve Engine 21 (E24)	80	-	-	-	-	-	-	-	-	709,200	709,200
Truck 24 (T24)	80	-	-	-	-	-	-	-	-	1,836,200	1,836,200
Subtotal		107,500	172,500	195,100	454,550	429,350	153,500	1,682,000	768,800	2,595,400	6,451,200

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**Village of Hoffman Estates, Illinois
2017 - 2024 Capital Improvements Program
Summary of General Fund Requests**

Project	Project Type	Prior Year	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
Public Works Department Requests:											
Village Hall Masonry Cleaning	60	-	-	50,600	-	-	-	-	-	-	50,600
Underground Storage Tank Access Ports	60	-	30,000	-	-	-	-	-	-	-	30,000
Replacement of Village Hall Chiller Valves	60	-	-	-	55,000	-	-	-	120,000	230,000	405,000
Roof Replacements	60	-	-	35,000	-	58,600	-	317,000	-	-	410,600
Tuckpointing	60	40,000	-	-	40,000	-	-	-	40,000	-	80,000
Replacement Boiler Fleet Services	60	-	-	-	23,500	-	-	-	-	-	23,500
Replacement AC Chiller Fire Station 24	60	-	-	-	-	-	-	-	-	30,000	30,000
Replacement Boilers Fire Station 24	60	-	-	-	-	-	-	-	-	35,000	35,000
Village Creek Drainage Improvement	20	-	-	60,000	60,000	60,000	60,000	60,000	60,000	60,000	420,000
Street Light Pole Replacement	30	-	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	80,000
Village Hall/Police Dept Plantings	50	-	30,000	30,000	30,000	30,000	30,000	-	-	-	150,000
PCMS Message Boards	90	-	19,000	19,570	20,150	20,760	21,380	-	-	-	100,860
Message Center Board Replacements	50	-	57,800	57,800	-	-	-	-	-	-	115,600
Sidewalk Tractor	80	-	50,000	-	-	-	-	-	-	-	50,000
Dump Truck Unit #4	80	-	-	173,760	-	-	-	-	-	-	173,760
Dump Truck Unit #11	80	-	-	173,760	-	-	-	-	-	-	173,760
Dump Truck Unit #13	80	-	173,760	-	-	-	-	-	-	-	173,760
Dump Truck Unit #14	80	-	173,760	-	-	-	-	-	-	-	173,760
GrappleTruck Unit #80	80	-	-	149,600	-	-	-	-	-	-	149,600
Pavement Roller Unit #51	90	-	-	52,340	-	-	-	-	-	-	52,340
Branch/Brush Chipper Unit #126	90	-	-	63,000	-	-	-	-	-	-	63,000
Dump Truck Unit #5	80	-	-	178,980	-	-	-	-	-	-	178,980
Insulated Diesel Exhaust Fluid Cabinet	90	-	-	30,000	-	-	-	-	-	-	30,000
4x4 Pick-Up Truck, Unit #22	80	-	-	-	21,570	-	-	-	-	-	21,570
Mini-Dump Truck Unit #41	80	-	-	-	47,130	-	-	-	-	-	47,130
Tractor/Mower Unit #144	90	-	-	-	41,900	-	-	-	-	-	41,900
Dump Truck Unit #6	80	-	-	-	184,190	-	-	-	-	-	184,190
Dump Truck Unit #7	80	-	-	-	184,190	-	-	-	-	-	184,190
4X4 Pick Up Truck Unit #38	80	-	-	-	40,290	-	-	-	-	-	40,290
4x4 Stake Body Crew Cab Truck, Unit #64	80	-	-	-	62,560	-	-	-	-	-	62,560
4x4 Pick-up Truck Unit #31	80	-	-	-	-	39,470	-	-	-	-	39,470
4x4 Pick-up Truck Unit #36	80	-	-	-	-	39,470	-	-	-	-	39,470
4x4 Stake Body Truck, Unit #43	80	-	-	-	-	51,300	-	-	-	-	51,300
Dump Truck Unit #16	80	-	-	-	-	-	194,620	-	-	-	194,620

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**Village of Hoffman Estates, Illinois
2017 - 2024 Capital Improvements Program
Summary of General Fund Requests**

Project	Project Type	Prior Year	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
4x4 Pick-up Truck Unit #30	80	-	-	-	-	-	50,120	-	-	-	50,120
4x4 Pick-up Truck Unit #32	80	-	-	-	-	-	40,560	-	-	-	40,560
4x4 Pick-up Truck Unit #39	80	-	-	-	-	-	40,560	-	-	-	40,560
Front End Loader Unit #50	90	-	-	-	-	-	186,000	-	-	-	186,000
4x4 Pick-Up Truck Unit #37	80	-	-	-	-	-	-	43,710	-	-	43,710
Service Van #92	80	-	-	-	-	-	-	26,850	-	-	26,850
4x4 Mini Dump Truck Unit #46	80	-	-	-	-	-	-	15,970	-	-	15,970
4x4 Stake Body Truck, Unit #44	80	-	-	-	-	-	-	-	63,650	-	63,650
Sign Truck Stake Body 2 WD Truck Unit #47	80	-	-	-	-	-	-	-	150,500	-	150,500
Tandem Axle Dump Truck Unit #17	80	-	-	-	-	-	-	-	-	220,000	220,000
Sky Jack Scissors Lift Unit #301	90	-	-	14,500	-	-	-	-	-	-	14,500
4x4 Pick-Up Truck w Plow Unit #27	80	-	-	-	14,630	-	-	-	-	-	14,630
4x4 Pick-Up Truck w Plow Unit #63	80	-	-	-	14,630	-	-	-	-	-	14,630
4x4 Pick-Up Truck w Plow Unit #26	80	-	-	-	-	15,030	-	-	-	-	15,030
4x4 Pick-up Utility Truck Unit #70	80	-	-	-	-	15,030	-	-	-	-	15,030
4x2 3/4 Ton Pick-Up Truck Unit #18	80	-	-	-	-	-	15,500	-	-	-	15,500
4x4 Mini Dump Truck Unit #61	80	-	-	-	-	-	15,500	-	-	-	15,500
4x4 Pick-Up Truck w Plow Unit #19	80	-	-	-	-	-	-	15,970	-	-	15,970
4x4 Flat Bed Truck Unit #62	80	-	-	-	-	-	-	15,970	-	-	15,970
Semi Tractor Truck & Dump Trailer Unit #68	80	-	-	-	-	-	-	78,400	-	-	78,400
Subtotal		40,000	544,320	1,098,910	849,740	339,660	664,240	583,870	444,150	585,000	5,109,890
Development Services Requests:											
Code Enforcement Division Vehicles	80	-	-	29,380	64,890	15,280	-	-	-	-	109,550
Transportation/Engineering Vehicle Replacement	80	-	-	30,000	30,000	-	-	-	-	-	60,000
Subtotal		-	-	59,380	94,890	15,280	-	-	-	-	169,550
Total General Fund		\$ 545,860	\$ 957,095	\$ 1,932,340	\$ 1,952,580	\$ 1,293,780	\$ 1,243,130	\$ 2,725,360	\$ 1,750,720	\$ 3,604,190	\$ 15,459,195

Village of Hoffman Estates, Illinois
2017 - 2024 Capital Improvements Program
Summary of Funding Sources

Fund	Project Type	Prior Year	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
General Fund:											
General Government Requests:		81,960	131,960	195,960	109,010	105,000	20,000	40,000	94,080	-	696,010
Police Department Requests:		316,400	108,315	382,990	444,390	404,490	405,390	419,490	443,690	423,790	3,032,545
Fire Department Requests:		107,500	172,500	195,100	454,550	429,350	153,500	1,682,000	768,800	2,595,400	6,451,200
Public Works Department Requests:		40,000	544,320	1,098,910	849,740	339,660	664,240	583,870	444,150	585,000	5,109,890
Development Services Requests:		-	-	59,380	94,890	15,280	-	-	-	-	169,550
Subtotal		545,860	957,095	1,932,340	1,952,580	1,293,780	1,243,130	2,725,360	1,750,720	3,604,190	15,459,195
General Fund Fund Balance:											
Emerald Ash Borer Response	50	610,000	95,000	-	-	-	-	-	-	-	95,000
Street Revitalization	40	-	1,359,030	-	-	-	-	-	-	-	1,359,030
STP Resurfacing	40	-	394,000	270,000	220,000	232,000	-	300,000	-	-	1,416,000
Sidewalk & Bicycle Improvements	30	-	25,000	-	-	-	-	-	-	-	25,000
Subtotal		610,000	1,873,030	270,000	220,000	232,000	-	300,000	-	-	2,895,030
DUI Reimbursement:											
In-Car Digital Video Cameras	70	27,410	27,410	27,410	27,410	27,410	27,410	27,410	27,410	27,410	219,280
Subtotal		27,410	27,410	27,410	27,410	27,410	27,410	27,410	27,410	27,410	219,280
Motor Fuel Tax Fund:											
Sidewalk/Curb Replacement Program	30	60,000	70,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	630,000
Street Revitalization	40	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	8,800,000
Subtotal		1,160,000	1,170,000	1,180,000	1,180,000	1,180,000	1,180,000	1,180,000	1,180,000	1,180,000	9,430,000
CDBG Funds:											
CDBG Projects	50	115,000	82,900	91,000	91,000	91,000	91,000	91,000	91,000	91,000	719,900
Street Revitalization	40	200,000	198,000	200,000	-	200,000	-	200,000	-	-	798,000
Subtotal		315,000	280,900	291,000	91,000	291,000	91,000	291,000	91,000	91,000	1,517,900
Hoffman Blvd Bridge Maintenance Fund:											
Hoffman Boulevard Bridge Maintenance	50	100,000	320,000	4,000	-	4,000	-	4,000	-	4,000	336,000
Subtotal		100,000	320,000	4,000	-	4,000	-	4,000	-	4,000	336,000
Asset Seizure Fund, Federal:											
Village-Wide Radio Replacement	90	89,130	89,130	89,130	36,220	-	-	-	-	-	214,480
Subtotal		89,130	89,130	89,130	36,220	-	-	-	-	-	214,480
Asset Seizure Fund, US Marshal:											
Patrol Vehicles	80	-	30,905	-	-	-	-	-	-	-	30,905
Subtotal		-	30,905	-	-	-	-	-	-	-	30,905
Asset Seizure Fund, BATTLE Escrow:											
Patrol Vehicles	80	-	57,880	-	-	-	-	-	-	-	57,880
Subtotal		-	57,880	-	-	-	-	-	-	-	57,880

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Village of Hoffman Estates, Illinois
2017 - 2024 Capital Improvements Program
Summary of Funding Sources

Fund	Project Type	Prior Year	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
Emergency Services Escrow:											
Patrol Vehicles	80	-	128,900	-	-	-	-	-	-	-	128,900
Subtotal		-	128,900	-	-	-	-	-	-	-	128,900
Road Improvement Fund Balance:											
Street Revitalization	40	280,000	-	-	-	-	-	-	-	-	-
Subtotal		280,000	-	-	-	-	-	-	-	-	-
Traffic Improvement Funds:											
I-90 Pedestrian Overpass	40	-	250,000	-	-	-	-	-	-	-	250,000
Subtotal		-	250,000	-	-	-	-	-	-	-	250,000
Western Area Traffic Improvement Fund											
I-90 Pedestrian Overpass	40	-	150,000	-	-	-	-	-	-	-	150,000
Subtotal		-	150,000	-	-	-	-	-	-	-	150,000
EDA Bond Proceeds:											
Western Area Emergency Water Supply	10	315,850	327,000	-	-	-	-	-	-	-	327,000
Street Revitalization	40	900,000	-	185,000	-	-	-	-	-	-	185,000
Shoe Factory Road & I-90 Undercrossing Path	30	20,000	-	38,750	-	-	-	-	-	-	38,750
Prairie Stone Signage	50	625,000	-	300,000	-	-	-	-	-	-	300,000
Village Green Improvements	50	25,000	25,000	-	-	-	-	-	-	-	25,000
Rt. 59/Hoffman Turn Lane	40	-	-	25,000	-	-	-	-	-	-	25,000
Village Green Amphitheater	50	-	62,000	275,000	-	-	-	-	-	-	337,000
Village Green Parking Lot	50	-	45,000	300,000	-	-	-	-	-	-	345,000
Village Storage Building	60	-	862,500	-	-	-	-	-	-	-	862,500
Subtotal		1,885,850	1,321,500	1,123,750	-	-	-	-	-	-	2,445,250
Bond Issue Proceeds:											
Reserve Engine 21 (RE21)	80	-	576,600	-	-	-	-	-	-	-	576,600
Replacement Boiler Fleet Services	60	-	-	-	23,500	-	-	-	-	-	23,500
4x4 Pick-Up Truck, Unit #22	80	-	-	-	21,570	-	-	-	-	-	21,570
Western Area Emergency Water Supply	10	315,850	327,000	-	-	-	-	-	-	-	327,000
Water Main Replacement I-90	10	360,000	50,000	500,000	-	-	-	-	-	-	550,000
Lift Station Pump System Rehabilitation	10	-	-	-	180,000	-	-	-	-	-	180,000
Meter Change-Outs & Radio Read MIU Installations	10	150,000	140,000	175,000	175,000	-	-	-	-	-	490,000
Sanitary and Storm Sewer Televising/Construction	10	50,000	50,000	50,000	50,000	-	-	-	-	-	150,000
Valve Replacement	10	84,000	40,000	26,000	27,000	-	-	-	-	-	93,000
Sanitary Sewer Rehabilitation	10	75,000	1,390,000	135,000	192,500	-	-	-	-	-	1,717,500
Annual SCADA System Upgrade	10	32,000	33,000	34,000	35,000	-	-	-	-	-	102,000
Water Meters / New Construction	10	30,000	40,000	40,000	50,000	-	-	-	-	-	130,000
Water Main Replacement	10	410,000	75,000	350,000	315,000	-	-	-	-	-	740,000
Hydrant Replacements	10	47,500	-	52,500	55,000	-	-	-	-	-	107,500
WDA Lift Station Pump & Control Replacement	10	86,310	-	-	-	-	-	-	-	-	-
Backhoe/Loader 4x4 Tractor Unit #56	10	-	150,000	-	-	-	-	-	-	-	150,000
Moonlake Lift Wet Well Grinder/Restrainer	10	-	95,000	-	-	-	-	-	-	-	95,000

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**Village of Hoffman Estates, Illinois
2017 - 2024 Capital Improvements Program
Summary of Funding Sources**

Fund	Project Type	Prior Year	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
100KW Portable Generator Unit #309	10	-	-	63,600	-	-	-	-	-	-	63,600
Fork-Lift Truck Unit #303	10	-	-	30,570	-	-	-	-	-	-	30,570
Sky Jack Scissors Lift Unit #301	10	-	-	14,500	-	-	-	-	-	-	14,500
Abbeywood Pump Replacement & Control Upgrade	10	-	-	-	220,000	-	-	-	-	-	220,000
4x4 Pick-Up Truck w Plow Unit #27	10	-	-	-	29,180	-	-	-	-	-	29,180
Stormwater Projects	20	100,000	-	-	-	-	-	-	-	-	-
Subtotal		1,740,660	2,966,600	1,471,170	1,373,750	-	-	-	-	-	5,811,520
State of Illinois Loan:											
Interior & Exterior Painting/Maintenance Repair of T-4	10	5,000	329,000	-	-	-	-	-	-	-	329,000
Lift Station Pump System Rehabilitation	10	375,130	55,130	1,370,000	-	-	-	-	-	-	1,425,130
Interior & Exterior Painting/Maintenance Repair of T-5	10	419,000	-	-	-	-	-	-	-	-	-
Interior & Exterior Painting/Maintenance Repair of T-2	10	-	-	246,000	-	-	-	-	-	-	246,000
Subtotal		799,130	384,130	1,616,000	-	-	-	-	-	-	2,000,130
Electric Utility Tax											
Sanitary and Storm Sewer Televising/Construction	10	50,000	-	-	-	-	-	-	-	-	-
Street Revitalization	40	1,900,000	1,800,000	1,686,000	1,686,000	1,686,000	1,686,000	1,686,000	1,686,000	1,686,000	13,602,000
Subtotal		1,950,000	1,800,000	1,686,000	1,686,000	1,686,000	1,686,000	1,686,000	1,686,000	1,686,000	13,602,000
Municipal Motor Fuel Tax											
Street Revitalization	40	420,000	470,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	3,620,000
Subtotal		420,000	470,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	3,620,000
Municipal Gas Use Tax											
Sanitary and Storm Sewer Televising/Construction	10	-	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	400,000
Street Revitalization	40	1,444,670	1,150,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	8,850,000
Subtotal		1,444,670	1,200,000	1,150,000	1,150,000	1,150,000	1,150,000	1,150,000	1,150,000	1,150,000	9,250,000
Packaged Liquor Tax:											
Street Revitalization	40	-	315,000	315,000	315,000	315,000	315,000	315,000	315,000	315,000	2,520,000
Subtotal		-	315,000	315,000	315,000	315,000	315,000	315,000	315,000	315,000	2,520,000
Stormwater Management Fees:											
Stormwater Projects	20	25,000	1,060,000	590,750	550,000	620,000	340,000	680,000	420,000	490,000	4,750,750
Subtotal		25,000	1,060,000	590,750	550,000	620,000	340,000	680,000	420,000	490,000	4,750,750
Developer Contributions:											
Barrington Interchange	40	300,000	830,000	-	-	-	-	-	-	-	830,000
Shoe Factory Road	40	-	-	-	2,000,000	500,000	-	-	-	-	2,500,000
Central Road Bicycle Path	30	100,000	-	200,000	-	-	-	-	-	-	200,000
Subtotal		400,000	830,000	200,000	2,000,000	500,000	-	-	-	-	3,530,000

Continued on next page

Village of Hoffman Estates, Illinois
2017 - 2024 Capital Improvements Program
Summary of Funding Sources

Fund	Project Type	Prior Year	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
Impact Fees:											
Barrington Interchange	40	-	870,000	-	-	-	-	-	-	-	870,000
Subtotal		-	870,000	-	-	-	-	-	-	-	870,000
Information Systems User Charges:											
In-Car Digital Video Cameras	70	-	12,000	-	-	-	12,000	-	-	-	24,000
Emergency Medical Services Reporting Program	70	-	-	30,000	-	-	-	-	35,000	-	65,000
Personal Computer Replacements	70	112,000	113,000	113,000	113,000	113,000	113,000	113,000	113,000	123,000	914,000
Network File Server Replacements	70	25,000	105,000	30,000	30,000	30,000	45,000	140,000	30,000	30,000	440,000
Computer Software	70	25,000	60,000	10,500	10,500	10,500	10,500	10,500	10,500	10,500	133,500
Wireless Infrastructure	70	25,000	-	45,000	-	-	40,000	-	-	45,000	130,000
Wireless infrastructure upgrade	70	180,000	-	20,000	20,000	20,000	20,000	20,000	180,000	20,000	300,000
Telephone System Replacement	70	-	29,000	29,000	29,000	120,000	30,000	30,000	30,000	30,000	327,000
Records Digitization and Document Management	70	-	50,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	155,000
Sungard upgrade	70	50,000	30,000	-	-	50,000	-	30,000	-	50,000	160,000
Camera Syst. Replace. - Municipal Buildings	60	-	-	-	-	-	-	126,000	-	-	126,000
Subtotal		417,000	399,000	292,500	217,500	358,500	285,500	484,500	413,500	323,500	2,774,500
Information Systems Fund Balance:											
Camera Syst. Replace. - Municipal Buildings	60	120,000	120,000	120,000	-	-	-	-	-	-	240,000
Wireless infrastructure upgrade	70	-	180,000	-	-	-	-	-	-	-	180,000
Subtotal		120,000	300,000	120,000	-	-	-	-	-	-	420,000
Capital Replacement Fund:											
Fire Car 7	80	-	53,750	-	-	-	-	-	-	-	53,750
Self Contained Breathing Apparatus Replacement	90	-	157,450	-	-	-	-	-	-	-	157,450
Reserve Ambulance 21 (RA21)	80	-	-	328,350	-	-	-	-	-	-	328,350
40 Ft. Aerial Lift Truck Unit #54	80	-	143,770	-	-	-	-	-	-	-	143,770
Branch/Brush Chipper Unit #126	90	-	-	15,000	-	-	-	-	-	-	15,000
4x4 Crew Cab Pick-up Unit #33	80	-	-	38,390	-	-	-	-	-	-	38,390
4x4 Mini Dump Truck, Unit #49	80	-	-	54,860	-	-	-	-	-	-	54,860
4x4 Crew Cab Pick-up Unit #97	80	-	-	38,390	-	-	-	-	-	-	38,390
4x4 Mini-Dump Truck Unit #48	80	-	-	-	47,130	-	-	-	-	-	47,130
Code Enforcement Division Vehicles	80	-	20,600	-	-	-	-	-	-	-	20,600
Transportation/Engineering Vehicle Replacement	80	31,000	-	-	-	-	-	-	-	-	-
Subtotal		31,000	375,570	474,990	47,130	-	-	-	-	-	897,690
Court Supervision Escrow:											
Patrol Vehicles	80	30,000	-	-	-	-	-	-	-	-	-
Subtotal		30,000	-	-	-	-	-	-	-	-	-
State of Illinois Capital Funds:											
Barrington Interchange	40	5,450,000	-	-	-	-	-	-	-	-	-
Subtotal		5,450,000	-	-	-	-	-	-	-	-	-

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Village of Hoffman Estates, Illinois
2017 - 2024 Capital Improvements Program
Summary of Funding Sources

Fund	Project Type	Prior Year	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
Grant Revenue:											
Thermal Imaging Cameras (TIC)	90	78,400	-	-	-	-	-	-	-	-	-
Self Contained Breathing Apparatus Replacement	90	-	359,570	-	-	-	-	-	-	-	359,570
STP Resurfacing	40	-	1,176,000	680,000	480,000	528,000	-	800,000	-	-	3,664,000
Shoe Factory Road & I-90 Undercrossing Path	30	320,000	-	620,000	-	-	-	-	-	-	620,000
Huntington Boulevard Bicycle Path & Route-CMAQ	30	-	-	-	-	280,000	-	-	-	-	280,000
Transit Improvements	50	-	-	-	500,000	500,000	-	-	-	-	1,000,000
SCA FF&E	00	-	115,000	-	-	-	-	-	-	-	115,000
Subtotal		398,400	1,650,570	1,300,000	980,000	1,308,000	-	800,000	-	-	6,038,570
Water & Sewer Fund:											
Village-Wide Radio Replacement	90	16,800	16,800	16,800	8,060	-	-	-	-	-	41,660
Roof Replacements	60	-	-	-	-	-	-	158,000	-	-	158,000
4x4 Mini Dump Truck Unit #46	80	-	-	-	-	-	-	75,480	-	-	75,480
Lift Station Pump System Rehabilitation	10	-	-	18,000	-	18,000	180,000	100,000	40,000	300,000	656,000
Meter Change-Outs & Radio Read MIU Installations	10	-	-	-	-	175,000	225,000	225,000	125,000	125,000	875,000
Sanitary and Storm Sewer Televising/Construction	10	-	-	-	-	50,000	50,000	50,000	50,000	50,000	250,000
Valve Replacement	10	-	-	-	-	68,000	29,000	30,000	31,000	32,000	190,000
Sanitary Sewer Rehabilitation	10	-	-	-	-	515,000	410,000	110,000	110,000	110,000	1,255,000
Annual SCADA System Upgrade	10	-	-	-	-	36,000	37,000	38,000	40,000	40,000	191,000
Water Meters / New Construction	10	-	-	-	-	50,000	60,000	70,000	80,000	90,000	350,000
Water Main Replacement	10	-	-	-	-	-	100,000	-	-	100,000	200,000
Hydrant Replacements	10	-	-	-	-	57,500	60,000	62,500	65,000	67,500	312,500
WDA Lift Station Pump & Control Replacement	10	-	-	-	-	86,310	46,310	-	-	-	132,620
Portable Video Inspection Unit	10	-	40,000	-	-	-	-	-	-	-	40,000
4x4 Pick-Up Truck w Plow Unit #63	80	-	-	-	29,180	-	-	-	-	-	29,180
4x2 heavy Duty Service Truck Unit #20	80	-	-	-	-	130,450	-	-	-	-	130,450
4x4 Pick-Up Truck w Plow Unit #26	80	-	-	-	-	30,000	-	-	-	-	30,000
4x4 Pick-up Utility Truck Unit #70	80	-	-	-	-	30,000	-	-	-	-	30,000
4x2 3/4 Ton Pick-Up Truck Unit #18	80	-	-	-	-	-	31,830	-	-	-	31,830
4x2 Mini-Pick-Up Truck Unit #25	80	-	-	-	-	-	29,210	-	-	-	29,210
4x4 Mini Dump Truck Unit #61	80	-	-	-	-	-	73,280	-	-	-	73,280
4x2 Mini Pick-Up Truck Unit #77	80	-	-	-	-	-	29,210	-	-	-	29,210
4x4 Pick-Up Truck w Plow Unit #19	80	-	-	-	-	-	-	52,500	-	-	52,500
4x2 Full Size Service Van Unit #28	80	-	-	-	-	-	-	33,200	-	-	33,200
4x4 Flat Bed Truck Unit #62	80	-	-	-	-	-	-	39,740	-	-	39,740
4x4 Mini SUV Unit # 23	80	-	-	-	-	-	-	40,720	-	-	40,720
Semi Tractor Truck & Dump Trailer Unit #68	80	-	-	-	-	-	-	117,600	-	-	117,600
4x2 Pick Up Truck, Unit #21	80	-	-	-	-	-	-	-	23,750	-	23,750
4x2 1/2 Ton Pick-Up Truck Unit #24	80	-	-	-	-	-	-	-	42,500	-	42,500
Utility Van; Unit #60	80	-	-	-	-	-	-	-	-	75,000	75,000
Camera Syst. Replace. - Municipal Buildings	80	-	50,000	-	-	-	-	52,500	-	-	102,500
Subtotal		16,800	106,800	34,800	37,240	1,246,260	1,360,840	1,255,240	607,250	989,500	5,637,930

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**Village of Hoffman Estates, Illinois
2017 - 2024 Capital Improvements Program
Summary of Funding Sources**

Fund	Project Type	Prior Year	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
Hoffman Estates Park District:											
Shoe Factory Road & I-90 Undercrossing Path	30	20,000	-	38,750	-	-	-	-	-	-	38,750
Huntington Boulevard Bicycle Path & Route-CMAQ	30	15,000	-	15,000	-	35,000	-	-	-	-	50,000
Subtotal		35,000	-	53,750	-	35,000	-	-	-	-	88,750
Illinois State Toll Highway Authority:											
Barrington Interchange	40	11,000,000	-	-	-	-	-	-	-	-	-
Subtotal		11,000,000	-	-	-	-	-	-	-	-	-
Forest Preserve District of Cook County:											
Shoe Factory Road & I-90 Undercrossing Path	30	40,000	-	77,500	-	-	-	-	-	-	77,500
Subtotal		40,000	-	77,500	-	-	-	-	-	-	77,500
Cook County:											
Shoe Factory Road	40	-	-	-	6,000,000	3,000,000	-	-	-	-	9,000,000
Subtotal		-	-	-	6,000,000	3,000,000	-	-	-	-	9,000,000
Central Road Corridor Fund:											
I-90 Pedestrian Overpass	40	-	100,000	-	-	-	-	-	-	-	100,000
Subtotal		-	100,000	-	-	-	-	-	-	-	100,000
Roselle Road TIF Fund:											
Roselle Road Business District/TIF District	50	-	900,000	-	-	-	-	-	50,000	250,000	1,200,000
Subtotal		-	900,000	-	-	-	-	-	50,000	250,000	1,200,000
Roselle Road TIF Proceeds from Sale of Property:											
Roselle Road Business District/TIF District	50	-	890,000	-	-	-	-	-	-	-	890,000
Subtotal		-	890,000	-	-	-	-	-	-	-	890,000
Plum Farm TIF Fund:											
2.5 Ton HD Dump Truck	80	-	-	-	180,980	-	-	-	-	-	180,980
4x4 Pick-up Truck	80	-	-	-	44,750	-	-	-	-	-	44,750
Subtotal		-	-	-	225,730	-	-	-	-	-	225,730
Levy 2% Capital Fund:											
Food & Beverage - Concession Stands & Kitchen	60	-	-	55,000	20,000	20,000	20,000	20,000	20,000	20,000	175,000
Subtotal		-	-	55,000	20,000	20,000	20,000	20,000	20,000	20,000	175,000

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Village of Hoffman Estates, Illinois
2017 - 2024 Capital Improvements Program
Summary of Funding Sources

Fund	Project Type	Prior Year	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
SCA Operating Budget:											
SCA Site - Parking Lot Improvements	40	-	2,500	-	-	-	-	-	-	-	2,500
SCA Interior - Upgrades & Replacements to FF&E	60	-	5,000	5,000	10,000	10,000	10,000	10,000	10,000	10,000	70,000
SCA Interior	60	-	-	-	-	20,000	20,000	-	-	-	40,000
SCA Interior - Miscellaneous Building Repairs	60	10,000	20,000	-	10,000	-	10,000	-	10,000	-	50,000
Annual PC Replacement/I.T. Projects	70	12,000	5,000	5,000	5,500	5,500	5,500	6,000	6,000	6,000	44,500
SCA FF&E	00	-	-	-	-	-	-	-	-	-	-
Subtotal		22,000	32,500	10,000	25,500	35,500	45,500	16,000	26,000	16,000	207,000
Fire Station Sale Proceeds:											
Street Revitalization	40	-	250,000	75,000	-	-	-	-	-	-	325,000
Prairie Stone Signage	50	-	500,000	-	-	-	-	-	-	-	500,000
Subtotal		-	750,000	75,000	-	-	-	-	-	-	825,000
Requests Currently Unfunded:											
Thermal Imaging Cameras (TIC)	90	19,600	-	-	-	-	-	-	-	-	-
Construction of Fire Stations	60	-	-	100,000	-	4,000,000	9,000,000	-	-	-	13,100,000
Interior & Exterior Painting/Maintenance Repair of T-1	10	10,000	-	10,000	329,000	-	-	-	-	-	339,000
Interior & Exterior Painting/Maintenance Repair of T-5	10	-	-	-	-	419,000	-	-	-	-	419,000
Western Area Water System Improvements	10	-	-	-	-	45,000	250,000	400,000	-	-	695,000
Replacement of Existing T-1	10	-	-	-	5,010,000	-	-	-	-	-	5,010,000
University Lift Station Pump Improvement	10	-	-	-	60,000	-	-	-	-	-	60,000
Shoe Factory Road	40	-	-	-	-	1,000,000	-	-	-	-	1,000,000
Street Revitalization	40	-	-	1,839,000	1,499,000	1,299,000	1,799,000	1,599,000	1,799,000	1,799,000	11,633,000
Sidewalk & Bicycle Improvements	30	290,000	-	265,000	290,000	290,000	290,000	290,000	290,000	290,000	2,005,000
Hoffman Boulevard Bridge Maintenance	50	-	-	75,000	-	-	-	-	-	-	75,000
Central Road Bicycle Path	30	-	50,000	1,000,000	-	-	-	-	-	-	1,050,000
Huntington Boulevard Bicycle Path & Route-CMAQ	30	15,000	-	15,000	-	35,000	-	-	-	-	50,000
Transit Improvements	50	225,000	225,000	250,000	500,000	500,000	500,000	500,000	500,000	500,000	3,475,000
Safe Routes to School - former Federal Program	30	50,000	-	50,000	-	50,000	-	50,000	-	50,000	200,000
Intersection Improvements - Signals	40	-	-	80,000	400,000	80,000	400,000	80,000	400,000	-	1,440,000
Barrington Rd/Bode Rd Intersection Improvement	40	-	-	-	125,000	450,000	1,700,000	-	-	-	2,275,000
Beverly Interchange	40	-	-	-	-	-	-	-	2,000,000	-	2,000,000
Camera Syst. Replace. - Municipal Buildings	60	-	-	-	-	-	-	252,000	-	-	252,000
SCA Site - Parking Lot Improvements	40	-	-	15,000	10,000	9,000	-	-	-	-	34,000
SCA Interior	60	60,000	-	-	-	15,000	15,000	15,000	-	-	45,000
Annual PC Replacement/I.T. Projects	70	-	30,000	25,000	-	-	-	-	-	-	55,000
SCA-Upgrades to Club Room	00	50,000	28,000	-	-	-	-	-	-	-	28,000
SCA FF&E	00	-	115,000	20,000	-	100,000	-	-	-	-	235,000
Sports Player Box/Bench Replacement	60	-	25,000	-	-	-	-	-	-	-	25,000
Subtotal		719,600	473,000	3,744,000	8,223,000	8,292,000	13,954,000	3,186,000	4,989,000	2,639,000	45,500,000
Total Funding Sources		\$ 30,072,510	\$ 22,529,920	\$ 18,634,090	\$ 26,808,060	\$ 22,044,450	\$ 22,148,380	\$ 14,570,510	\$ 13,175,880	\$ 13,235,600	\$ 153,146,890

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Village of Hoffman Estates, Illinois
2017 - 2024 Capital Improvements Program
Summary of Capital Requests

Group: Water & Sanitary Sewer (Project Type 10)

Page	Project	Dept	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
46	Western Area Emergency Water Supply	40	654,000	-	-	-	-	-	-	-	654,000
47	Interior & Exterior Painting/Maintenance Repair of T-4	40	329,000	-	-	-	-	-	-	-	329,000
49	Water Main Replacement I-90	40	50,000	500,000	-	-	-	-	-	-	550,000
50	Lift Station Pump System Rehabilitation	40	55,130	1,388,000	180,000	18,000	180,000	100,000	40,000	300,000	2,261,130
52	Meter Change-Outs & Radio Read MIU Installations	40	140,000	175,000	175,000	175,000	225,000	225,000	125,000	125,000	1,365,000
54	Sanitary and Storm Sewer Televising/Construction	40	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	800,000
55	Valve Replacement	40	40,000	26,000	27,000	68,000	29,000	30,000	31,000	32,000	283,000
56	Sanitary Sewer Rehabilitation	40	1,390,000	135,000	192,500	515,000	410,000	110,000	110,000	110,000	2,972,500
58	Annual SCADA System Upgrade	40	33,000	34,000	35,000	36,000	37,000	38,000	40,000	40,000	293,000
60	Water Meters / New Construction	40	40,000	40,000	50,000	50,000	60,000	70,000	80,000	90,000	480,000
62	Water Main Replacement	40	75,000	350,000	315,000	-	100,000	-	-	100,000	940,000
63	Hydrant Replacements	40	-	52,500	55,000	57,500	60,000	62,500	65,000	67,500	420,000
64	Interior & Exterior Painting/Maintenance Repair of T-1	40	-	10,000	329,000	-	-	-	-	-	339,000
66	WDA Lift Station Pump & Control Replacement	40	-	-	-	86,310	46,310	-	-	-	132,620
67	Interior & Exterior Painting/Maintenance Repair of T-5	40	-	-	-	419,000	-	-	-	-	419,000
69	Moonlake Lift Wet Well Grinder/Restrainer	40	95,000	-	-	-	-	-	-	-	95,000
70	Portable Video Inspection Unit	40	40,000	-	-	-	-	-	-	-	40,000
71	Interior & Exterior Painting/Maintenance Repair of T-2	40	-	246,000	-	-	-	-	-	-	246,000
73	Replacement of Existing T-1	40	-	-	5,010,000	-	-	-	-	-	5,010,000
75	Abbeywood Pump Replacement & Control Upgrade	40	-	-	220,000	-	-	-	-	-	220,000
76	University Lift Station Pump Improvement	40	-	-	60,000	-	-	-	-	-	60,000
77	Western Area Water System Improvements	40	-	-	-	45,000	250,000	400,000	-	-	695,000
Total Water & Sanitary Sewer:			\$ 3,041,130	\$ 3,056,500	\$ 6,748,500	\$ 1,569,810	\$ 1,497,310	\$ 1,135,500	\$ 591,000	\$ 964,500	\$ 18,604,250

Department Codes:

- | | |
|-----------------------|------------------------------|
| 10 General Government | 41 Sears Centre Arena |
| 20 Police | 50 Development Services |
| 30 Fire | 60 Economic Development Area |
| 40 Public Works | 70 Information Systems |

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Western Area Emergency Water Supply	Department:	PW - Water & Sewer
Project Status:	Retain from Previous CIP - Updated Costs	Project Type:	10 - Water & Sewer
Location:	Western Area	Acct. Number:	(1) 40407325-4609 (2) 40407425-4609
Relationship to Other Projects:			

Description

The project is to provide emergency water supply for the WDA and also for the improvement of Well 21 and Well 22 site for its compatibility with the surrounding environment. An engineering study completed in 2012 indicates possible construction of an interconnection with another municipality's water system as the emergency water supply for WDA. If the interconnect is in service, Well 21 and Well 22 will no longer be needed as emergency water supply and can be abandoned. All above ground facilities can be removed to allow the site to be integrated into the existing commercial environment.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Removal of above ground structures	60,000	-	80,000	-	-	-	-	-	-	-	80,000
Tank, foundation, cap water mains - well houses, pump house, generator- site restoration & 15% contingency											
Shallow Well (Well #23) for the future	-	-	-	-	-	-	-	-	-	-	-
Well Conversion/Interconnect	195,000	-	195,000	-	-	-	-	-	-	-	195,000
Additional Cost if system interconnect is chosen (VOHE Share)	322,700	-	345,000	-	-	-	-	-	-	-	345,000
Engineering Services	54,000	50,000	34,000	-	-	-	-	-	-	-	34,000
TOTAL COSTS	\$ 631,700	\$ 50,000	\$ 654,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 654,000
Proposed Source of Funds											
EDA Bond Proceeds (50%) (1)	315,850	25,000	327,000	-	-	-	-	-	-	-	327,000
Bond Issue (2)	315,850	25,000	327,000	-	-	-	-	-	-	-	327,000
TOTAL FUNDS	\$ 631,700	\$ 50,000	\$ 654,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 654,000

Project engineering may start in late 2016 and construction is to be rescheduled for 2017 due to pending review and approval of joint construction agreement (IGA). With the planned water system interconnect, the necessity for Well #23 must be assessed again. The estimated capacity of the interconnect with another municipality's water system is between 2 - 3 million gallons per day which will function as a sufficient emergency water supply for the WDA in the foreseeable future (2017 - 2024). The construction of Well #23 is pushed out until 2018 or later until another WDA water system study is completed. The current winter daily average demand is 0.58 MGD (Jan. 2016).

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Interior & Exterior Painting/Maintenance Repair of T-4
Project Status: Retain from Previous CIP
Location: 3990 Huntington
Relationship to Other Projects:

Department: PW - Water & Sewer
Project Type: 10 - Water & Sewer
Acct. Number: 40407324-4527

Description

The 250,000 gallon spheroid elevated water storage (T-4), located at 3990 Huntington, was built in 1977 by Chicago Bridge and Iron Company of Chicago, Illinois. The interior was last painted in 1990 and the exterior was last painted in 1993. The longevity of new paint varies between 15- 25 years.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Exterior recoat w/polyurethane system	-	-	172,000	-	-	-	-	-	-	-	172,000
Possible Containment	-	-	60,000	-	-	-	-	-	-	-	60,000
Miscellaneous Repairs	-	-	52,000	-	-	-	-	-	-	-	52,000
Engineering & Contingency	5,000	5,000	45,000	-	-	-	-	-	-	-	45,000
TOTAL COSTS	\$ 5,000	\$ 5,000	\$ 329,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 329,000
Proposed Source of Funds											
State of Illinois Loan	5,000	5,000	329,000	-	-	-	-	-	-	-	329,000
TOTAL FUNDS	\$ 5,000	\$ 5,000	\$ 329,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 329,000

See next page for additional justification.

The tank ball diameter is approximately 44 feet, shaft diameter 9 feet, foundation diameter 19 feet. The height to low water line is 88 feet and height to high water lines 119 feet. Total tank height is 124 feet. In 2006, with assistance from Dixon Engineering and Rempe-Sharpe engineering, the tower's leaking expansion joint was replaced. Dixon Engineering did an inspection in 2015 and recommended painting in a year. The budget costs for painting and necessary repairs was provided by the engineer. Staff believes the paint system is aluminum alkyd with a lead primer. The chart below is the tower and reservoir painting maintenance log:

TOWER		INSTALLED	PAINTED EXTERIOR	PAINTED INTERIOR	CATHODIC PROTECTION	PAINTING CONTRACTOR	VOLUME
#1	95 Aster	1955	1993	1990	1990	E-Jetco, Ltd.	100,000
#2	2150 Stonington	1971	1999	1991	1991	E-Jetco, Ltd. I-AmCoat	400,000
#3	1355 Westbury	1968	2001	1990	1990	E-G & M	150,000
#4	3990 Huntington	1977	1993	1996	1996	I-Jetco, Ltd.	250,000
#5	4690 Olmstead	1978	1995	1995	1995	E & I – Maxcor, Inc	500,000
#6	2550 Beverly	1991	2011	2011	1991	Chicago (CBI) Bridge & Iron Maxcor, Inc	1,500,000
#7	5795 Beacon Pointe	2011	2011	2011	2011	Chicago (CBI) Bridge & Iron	2,000,000
RESERVOIRS							
#1	95 Aster	1962	2008	2008	1990	E & I – Jetco, Ltd. AmCoat Painting	920,000
#2	1775 Abbey Wood	1972	2004	1997	1997	E – Thomas Ind. I – Jetco, Ltd.	3,000,000
#3	1775 Abbey Wood	1992	2003	2003	2003	E & I – Thomas Ind.	3,000,000
PCMT	4785 Higgins	1980	1995	1999	None	I – G & M E – In House	100,000



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Water Main Replacement I-90	Department: PW - Water & Sewer
Project Status: Retain from Previous CIP - Updated Costs	Project Type: 10 - Water & Sewer
Location: Jane Addams Memorial (I-90) Tollway (Hoffman Estates Section)	Acct. Number: 40407425-4609
Relationship to Other Projects: _____	

Description

In 2013, the Illinois Tollway started the project of the Jane Addams Memorial Tollway (I-90) Rebuilding and Widening Project by rebuilding the eastbound & westbound lanes between Rockford and Chicago. The work affects the Village's water mains crossings underneath the Tollway. It requires water main relocation and replacement. The Tollway project construction is on going and will be complete in 2018.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Engineering Services	30,000	30,000	50,000	-	-	-	-	-	-	-	50,000
Construction	330,000	342,000	-	500,000	-	-	-	-	-	-	500,000
TOTAL COSTS	\$ 360,000	\$ 372,000	\$ 50,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 550,000
Proposed Source of Funds											
Water & Sewer Fund	-	-	-	-	-	-	-	-	-	-	-
Bond Issue	360,000	372,000	50,000	500,000	-	-	-	-	-	-	550,000
TOTAL FUNDS	\$ 360,000	\$ 372,000	\$ 50,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 550,000

The Tollway's "Move Illinois" project involving bridge work, sound walls, retaining walls and utility relocations for I-90 widening affects 12 water, sewer and fiber optic lines that cross I-90 and provide services to the Village. Some crossings of water & sewer mains are in direct conflict with the proposed Tollway work. Through joint effort of Tollway/Village staff and consultant engineers most of the conflicts have been resolved through revision of construction plans at no or little cost to the Village. However, a few of the conflicts can only be resolved by added protection to the Village's water & sewer mains through extension of casing pipes or the relocation of main line pipe to avoid conflicts. The Village entered into three (3) Intergovernmental Agreements (IGA) with the Illinois State Toll Highway Authority (Tollway) in a total cost of \$335,401.10 (\$253,678.31 is for necessary water & sewer main work to avoid and eliminate conflicts).

In 2016 a new conflict with 12" water main was found and the proposed cost is \$54,000 to correct the problem. In addition staff, with contractor assistance, completed necessary system improvement such as installation of an interconnect between 12" and 16" water mains to allow the 12" water main to function as an alternate water main crossing (\$90,000). Staff is also planning a new crossing of 16" water main in the near future (\$450,000) for 2017.

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Lift Station Pump System Rehabilitation	Department:	PW - Water & Sewer
Project Status:	Retain from Previous CIP	Project Type:	10 - Water & Sewer
Location:	Various Lifts	Acct. Number:	40407325-4608
Relationship to Other Projects:			

Description

Sewer lift station pipe & pump replacement and upgrade, including structure repair.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Chippendale Lift Construction	300,000	-	-	300,000	-	-	-	-	-	-	300,000
Chippendale Engineering	20,000	-	-	20,000	-	-	-	-	-	-	20,000
Chippendale Generator & Installation	-	-	-	50,000	-	-	-	-	-	-	50,000
Golf Lift Engineering/Rehabilitation	55,130	-	55,130	1,000,000	-	-	-	-	-	-	1,055,130
Hampton Lift Engineering Services	-	-	-	18,000	-	-	-	-	-	-	18,000
Hampton Lift Rehabilitation	-	-	-	-	180,000	-	-	-	-	-	180,000
Park Lane Lift Engi	-	-	-	-	-	18,000	-	-	-	-	18,000
Park Lane Lift Rehabilitation	-	-	-	-	-	-	180,000	-	-	-	180,000
Carling Lift Engineering/Rehabilitation	-	-	-	-	-	-	-	100,000	-	-	100,000
Moonlake Lift Engineering/Rehabilitation	-	-	-	-	-	-	-	-	40,000	300,000	340,000
TOTAL COSTS	\$ 375,130	\$ -	\$ 55,130	\$ 1,388,000	\$ 180,000	\$ 18,000	\$ 180,000	\$ 100,000	\$ 40,000	\$ 300,000	\$ 2,261,130
Proposed Source of Funds											
Water & Sewer Fund	-	-	-	18,000	-	18,000	180,000	100,000	40,000	300,000	656,000
State of Illinois Loan	375,130	-	55,130	1,370,000	-	-	-	-	-	-	1,425,130
Bond Issue	-	-	-	-	180,000	-	-	-	-	-	180,000
TOTAL FUNDS	\$ 375,130	\$ -	\$ 55,130	\$ 1,388,000	\$ 180,000	\$ 18,000	\$ 180,000	\$ 100,000	\$ 40,000	\$ 300,000	\$ 2,261,130

Chippendale Lift Station was constructed in 1965 as a dry well/wet well style prefabricated steel duplex underground facility with 2 pumps rated at 750 gpm each. The wet well is located underneath the sidewalk and driveway of Douglas MacArthur Elementary School. The station has an operating history of almost 50 years and the mechanical system consisting of pumps, pipes and controls need replacement to ensure reliability. The plan is to replace the pumps and also to complete rehabilitation of the wet well and connecting force mains. In 2013 the engineering evaluation of the station was completed. In 2014 preparation of construction plan and bid document was complete. IEPA loan application is in progress to fund the project and bidding is expected to take place before the end of 2017 and the construction is expected to start in June 2018 and be complete in August in 2018.

Golf Lift Station was constructed in 1972 as a dry well/wet well type prefabricated steel underground pump station with 3 pumps (not including a small pump removed 30 years ago). The pump was manufactured by Cantex Industries. The three pumps are rated at 1000 gpm each. Staff noticed corrosion damage on the dry/wet well structure. As the station is one of the major lift stations with a unique relationship to Kingsdale Lift station nearby for the same collection system, an engineering study was done that ruled out the option to abandon one of the lift stations and IEPA loan application is in progress. The plan is to convert the station into a submersible station in 2019.

See next page for additional justification.

Hampton Lift Station (constructed in 1961), Park Lane Lift Station (constructed in 1969) and Carling Lift Station (constructed in 1968) have all shown corrosion damage to the piping, valves and pumps in varying degrees. Some of the damage is also noticeable on dry well walls. There is also suspected corrosion damage on the wet well structure. As the industry has shown submersible pump's superiority over the existing dry well type system, the aged & worn out pumps will be replaced with submersible pumps with the elimination of the maintenance needs on the dry well. The recommendation of the above rehabilitation lift station construction sequence is based upon the maintenance requirements and staff's assessment. The sequence is annually evaluated according to changes in the severity of corrosion

WASTEWATER PUMP STATIONS REHAB PLANNING														
Name	Location	Installed Years	Type	Manufacturer	Pumps		Total Dynamic Head Feet	Electric		H.P.	Forcemain Inches	Rehab Status	Rehab Planning	Budget Cost
					Nos	Capacity (gpm)		Volts	Phase					
Hampton	1869 Hampton Rd.	1961	Package steel dry well/wet well	Zimmer & Francescan	2	125	96	240	3	5	6		2020	\$198,000
Chippendale	1790 Chippendale Rd	1965	Package steel dry well/wet well	Smith & Loveless	2	750	55	240	3	10	10		2018	\$450,000
Kingsdale	1200 Kingsdale Rd.	1965	Package steel dry well/wet well	Smith & Loveless	2	1000	37	240	3	15	10		2026	\$300,000
Carling	2084 Carling Rd.	1968	Package steel dry well/wet well	Zimmer & Francescan	2	80	13	230	1	3	4		2023	\$100,000
Westbury	1101 Westbury Rd	1976	Package steel dry well/wet well	Cantex	2/1	2600/500	72	460	3	75	14		2026	\$400,000
Park Lane	897 Park Lane	1968	Package steel dry well/wet well	Hydromatic	2	175	35	220	3	5	4		2022	\$198,000
Barrington Sq.	2364 Higgins Rd	1969	Package Concrete submersible	Metropolitan Pump	3	1900	92	460	3	100	18	Completed in 2011		
Thomas Eng.	515 Central Rd	1974	Package steel submersible	Hydromatic	2	100	28	230	3	3	4		2026	\$100,000
Hilldale	1775 Huntington Blvd	1969	Package steel dry well/wet well	Cantex	2	1600	62.5	230	3	40	10		2027	\$198,000
Moon Lake	1215 Moon Lake Blvd.	1973	Package steel dry well/wet well	Cantex	2	1400	75	460	3	50	14		2025	\$300,000
Golf Road	1513 Golf Rd	1972	Package steel dry well/wet well	Cantex	3	1000	54	480	3	3 #50	16		2019	\$855,130
Pfizer	2090 Central Rd.	1974	Package steel dry well/wet well	Cantex	2	1200	28	480	3	25	10		2027	\$400,000
Eric	2380 Golf Rd	1986	Prefabricated steel submersible	Metropolitan Pump	2	700	69	480	3	20	12		2028	\$300,000
Casey	1629 Crowfoot Cir S	1989	Prefabricated steel submersible	Metropolitan Pump	2	250	72	230	3	7.5	6		2039	\$150,000
WDA (Sears)	5400 W. Golf Rd	1990-91	Submersible	Flygt	4	2000	45	480		75	14 / 18		2040	\$1,500,000
University Place	6100 Shoe Factory	2001	Prefabricated concrete submersible	Metropolitan Pump	2	320	188	480	3	25	14		2051	\$400,000

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Meter Change-Outs & Radio Read MIU Installations	Department:	PW - Water & Sewer
Project Status:	Retain from Previous CIP - Updated Costs	Project Type:	10 - Water & Sewer
Location:	Village Wide	Acct. Number:	40407423-4420
Relationship to Other Projects:			

Description

Planned replacement of residential aged meters and Upgrade of V1 & V2 MIU with V3 or V4 MIU (Meter Interface Unit) in selected areas .

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Replacement program	100,000	60,000	140,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	1,015,000
Upgrade V1MIU w/V3 MIU at \$92.5/unit (approx. 550 unit/year & 7 yr program)	50,000	15,000	-	50,000	50,000	50,000	50,000	50,000	-	-	250,000
Upgrade V2MIU w/V3 MIU at \$92.5/unit (approx. 550 unit/year & 2 yr program)	-	-	-	-	-	-	50,000	50,000	-	-	100,000
TOTAL COSTS	\$ 150,000	\$ 75,000	\$ 140,000	\$ 175,000	\$ 175,000	\$ 175,000	\$ 225,000	\$ 225,000	\$ 125,000	\$ 125,000	\$ 1,365,000
Proposed Source of Funds											
Water & Sewer Fund	-	-	-	-	-	175,000	225,000	225,000	125,000	125,000	875,000
Bond Issue	150,000	75,000	140,000	175,000	175,000	-	-	-	-	-	490,000
TOTAL FUNDS	\$ 150,000	\$ 75,000	\$ 140,000	\$ 175,000	\$ 175,000	\$ 175,000	\$ 225,000	\$ 225,000	\$ 125,000	\$ 125,000	\$ 1,365,000

The level of funding request is based on the anticipated failure rate of residential and commercial meters and MIUs. Test results in 2015 indicate that Village meter failure rate greatly increases from almost zero to about 50% after being in service for 33 years. Due to the results meter replacement has been in progress with priority for the group of meters with highest service time (over 33 years' usage). In 2015 a total of 540 meters were replaced. In 2016 as of August 24 a total 331 meters were replaced. In contrast MIU failure rate is far lower than expected. (The installation of V1 MIU started in 2001 and ended in 2003 with 3310 units placed in service. The average battery life is 10-15 years. By now V1 MIU's batteries should be failing in large quantities. However, the remaining 76% V1 MIUs still show no signs of failure.) Staff rescheduled for later years to upgrade V1 with V3 or V4 MIU at \$92.5/unit which has a warranty of 20 years and far more powerful signal transmission. Funds allocated for upgrade of MIU were used for replacement of meters. As of 8/24/2016, 2,519 V1 MIU are remaining in service, which will take 5-6 years for the upgrade to be completed. Village also has about 978 V2 MIU units which will take 2 years for the upgrade. Staff will closely monitor the V1 & V2 battery status and start replacement before failure in large number occurs. A proactive and planned approach for the upgrade remains to be preferred. The costs based on current vendor pricing, as itemized on the following table. Estimated cost for 2016 is lower than budgeted due to the 2015 yearend inventory of meters.

See next page for additional justification.

Meter		Meter	Copper Horn	Ball Valve	Dual Check	Flange Set	Meter Interface Unit	Total
Size	Style							
5/8" x 3/4" T-10	Disc	107	31.86	30.91	30.91	N/A	92.5	293.18
3/4" T-10	Disc	150	33.43	33.43	30.91	N/A	92.5	340.27
1" T-10	Disc	195	44.39	N/A	39.75	N/A	92.5	371.64
1 1/2" T-10	Disc	395	N/A	N/A	N/A	45.13	92.5	532.63
2" T-10	Disc	520	N/A	N/A	N/A	52.39	92.5	664.89
2" (15 1/4 LL) Compound		1420	N/A	N/A	N/A	52.39	92.5	1564.89
3"	Compound	1910	N/A	N/A	N/A	N/A	92.5	2002.5
4"	Compound	2580	N/A	N/A	N/A	N/A	92.5	2672.5
6"	Compound	4250	N/A	N/A	N/A	N/A	92.5	4342.5
1 1/2"	Turbine	540	N/A	N/A	N/A	45.13	92.5	677.63
2"	Turbine	570	N/A	N/A	N/A	52.39	92.5	714.89
3"	Turbine	865	N/A	N/A	N/A	N/A	92.5	957.5
4"	Turbine	1200	N/A	N/A	N/A	N/A	92.5	1292.5
6"	Turbine	2270	N/A	N/A	N/A	N/A	92.5	2362.5

Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Sanitary and Storm Sewer Televising/Construction	Department: PW - Storm Sewers
Project Status: New Request	Project Type: 10 - Water & Sewer
Location: Areas of Street Reconstruction	Acct. Number: (1) 29000025-4606
Relationship to Other Projects:	(2) 40407425-4608

Description

Contractual televising inspections of both sanitary and storm sewers of all streets scheduled for reconstruction by Village Engineering Department and associated repairs as required

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Televising Sanitary Sewers	25,000	45,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	200,000
Construction Sanitary Sewers	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	200,000
Televising Storm Sewers	25,000	5,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	200,000
Construction Storm Sewers	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	200,000
TOTAL COSTS	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 800,000
Proposed Source of Funds											
Water & Sewer Fund	-	-	-	-	-	50,000	50,000	50,000	50,000	50,000	250,000
Electric Utility Tax (1)	50,000	50,000	-	-	-	-	-	-	-	-	-
Bond Issue (2)	50,000	50,000	50,000	50,000	50,000	-	-	-	-	-	150,000
Municipal Gas Tax (1)	-	-	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	400,000
TOTAL FUNDS	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 800,000

Prior to annual street reconstruction, all sanitary and storm sewers within construction limits require inspection and possible repairs. Due to the volume of work, contractual services are necessary. Televising of suspect sewers and associated repairs/corrections are planned ahead of street reconstruction.

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Valve Replacement	Department: PW - Water & Sewer
Project Status: Retain from Previous CIP - Updated Costs	Project Type: 10 - Water & Sewer
Location: Various Sections Within Town	Acct. Number: 40407424-4529
Relationship to Other Projects:	

Description

In-house replacement of mainline water valves due to age, corrosion damage, accumulated wear and tear.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Material Costs	24,000	24,000	25,000	26,000	27,000	28,000	29,000	30,000	31,000	32,000	228,000
Valve GPS, Exercise & Check	60,000	60,000	15,000	-	-	40,000	-	-	-	-	55,000
TOTAL COSTS	\$ 84,000	\$ 84,000	\$ 40,000	\$ 26,000	\$ 27,000	\$ 68,000	\$ 29,000	\$ 30,000	\$ 31,000	\$ 32,000	\$ 283,000
Proposed Source of Funds											
Water & Sewer Fund	-	-	-	-	-	68,000	29,000	30,000	31,000	32,000	190,000
Bond Issue	84,000	84,000	40,000	26,000	27,000	-	-	-	-	-	93,000
TOTAL FUNDS	\$ 84,000	\$ 84,000	\$ 40,000	\$ 26,000	\$ 27,000	\$ 68,000	\$ 29,000	\$ 30,000	\$ 31,000	\$ 32,000	\$ 283,000

There are 3,271 main line valves in the Village's water distribution system with 1,200 valves being 40-50 years old. Due to the increased effort in the valve exercising program, more valves are found to be leaking and need to be replaced. The budget is for replacement of approximately 9 valves annually. The program will continue at the level that staffing and work load allows in the foreseeable future.

Starting in 2014, added to the project is the valve assessment program with contractor assistance in valve condition check and GPS coordinates for each valve exercised. In the program's first year a total of 700 valves were checked and 620 valves were exercised and mapped with GPS coordinates. A valve inventory was created online. In the second year 770 valves were done and the inventory updated. Staff expect over 1,000 valves will be completed in the third year. In order to complete the program in 2017, funds originally planned for 2018 was moved into 2016 and 2017.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Sanitary Sewer Rehabilitation	Department:	PW - Water & Sewer
Project Status:	Retain from Previous CIP - Updated Costs	Project Type:	10 - Water & Sewer
Location:	Parcels A, B, C, the Highlands/Selected Sewer Sections in Various Streets	Acct. Number:	40407425-4608
Relationship to Other Projects:			

Description

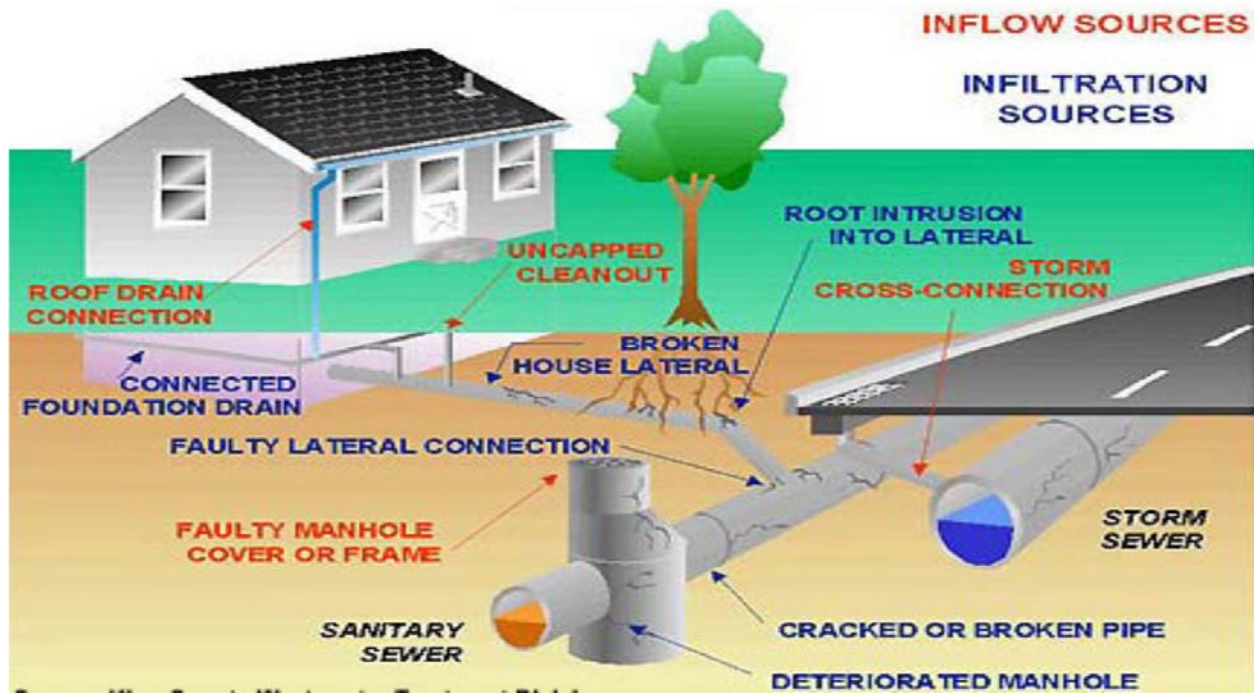
Replacement of deteriorated sanitary sewers or re-lining to re-establish structural integrity and capacity determined by the project consultant engineer.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Critical Sewer Rehabilitation	30,000	-	65,000	95,000	110,000	-	-	110,000	110,000	110,000	600,000
Phase V Engr (MWRD Compliance)	25,000	50,000	-	15,000	-	-	-	-	-	-	15,000
Phase V Construction	-	-	1,300,000	-	-	-	-	-	-	-	1,300,000
Construction Mgmt/Follow-Up Engineering	20,000	-	25,000	25,000	-	-	-	-	-	-	50,000
Phase VI Construction	-	-	-	-	-	500,000	400,000	-	-	-	900,000
Construction Mgmt/Engineering	-	-	-	-	82,500	15,000	10,000	-	-	-	107,500
TOTAL COSTS	\$ 75,000	\$ 50,000	\$ 1,390,000	\$ 135,000	\$ 192,500	\$ 515,000	\$ 410,000	\$ 110,000	\$ 110,000	\$ 110,000	\$ 2,972,500
Proposed Source of Funds											
Water & Sewer Fund	-	-	-	-	-	515,000	410,000	110,000	110,000	110,000	1,255,000
Bond Issue	75,000	50,000	1,390,000	135,000	192,500	-	-	-	-	-	1,717,500
TOTAL FUNDS	\$ 75,000	\$ 1,380,000	\$ 1,390,000	\$ 135,000	\$ 192,500	\$ 515,000	\$ 410,000	\$ 110,000	\$ 110,000	\$ 110,000	\$ 2,972,500

The Village's sanitary sewer rehabilitation program has been in progress for over 16 years. Prior to 2011 the work was limited to Highlands, Parcel A, Parcel B, and Parcel C and in 2011 the program expanded to cover deteriorating sewers in other areas in an as-needed manner. The work specified a continued investigation of I/I from public sources by CCTV inspection of the sewer and addressing options to correct private source I/I. Between 2001 and 2013, through contractor construction work, over 42,000 feet of sanitary sewer mains have been rehabilitated through Cured-In-Place Pipe lining (CIPP), including 700 ft. of 18" sanitary sewer mains along Route 59. Over 1100 feet of new sewer mains were installed by excavation to replace collapsed pipe, including 210 feet of pipe in Mayfield Lane for replacement of back pitched sewer. Over 30 manholes were installed or rehabilitated. In 2014 a few critical repairs, including replacement of two sections of sanitary sewer at Frederick Lane were accomplished. In 2015 the continued critical repairs include replacement of 191 feet of sanitary sewer at Newport and the focus will be on Village's compliance with MWRDGC's new rules such as Development & Implementation of Private Sector Program (PSP) and Long Term Operation and Maintenance (O&M) Program. In 2016 staff is planning to complete Phase V rehabilitation of a total of 17,560 feet of sanitary sewer mains and 8 manholes for rehabilitation and majority of them are in the 12 high risk sub-basins, which will help the Village to achieve compliance with MWRDGC's new rule.

The budget covers continued assessment of the condition of public sanitary sewer systems and rehabilitation of sewer with major defects and deterioration.

While post-rehabilitation flow monitoring is in process to quantify the reduction in I/I, staff is highly confident that the numbers will show Sanitary Sewer Rehabilitation performed thus far have significantly reduced wet weather flow rates within the system.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Annual SCADA System Upgrade	Department: PW - Water & Sewer
Project Status: Retain from Previous CIP - Updated Costs	Project Type: 10 - Water & Sewer
Location: Various Village Water/Sewer Facilities	Acct. Number: 40407425-4609
Relationship to Other Projects:	

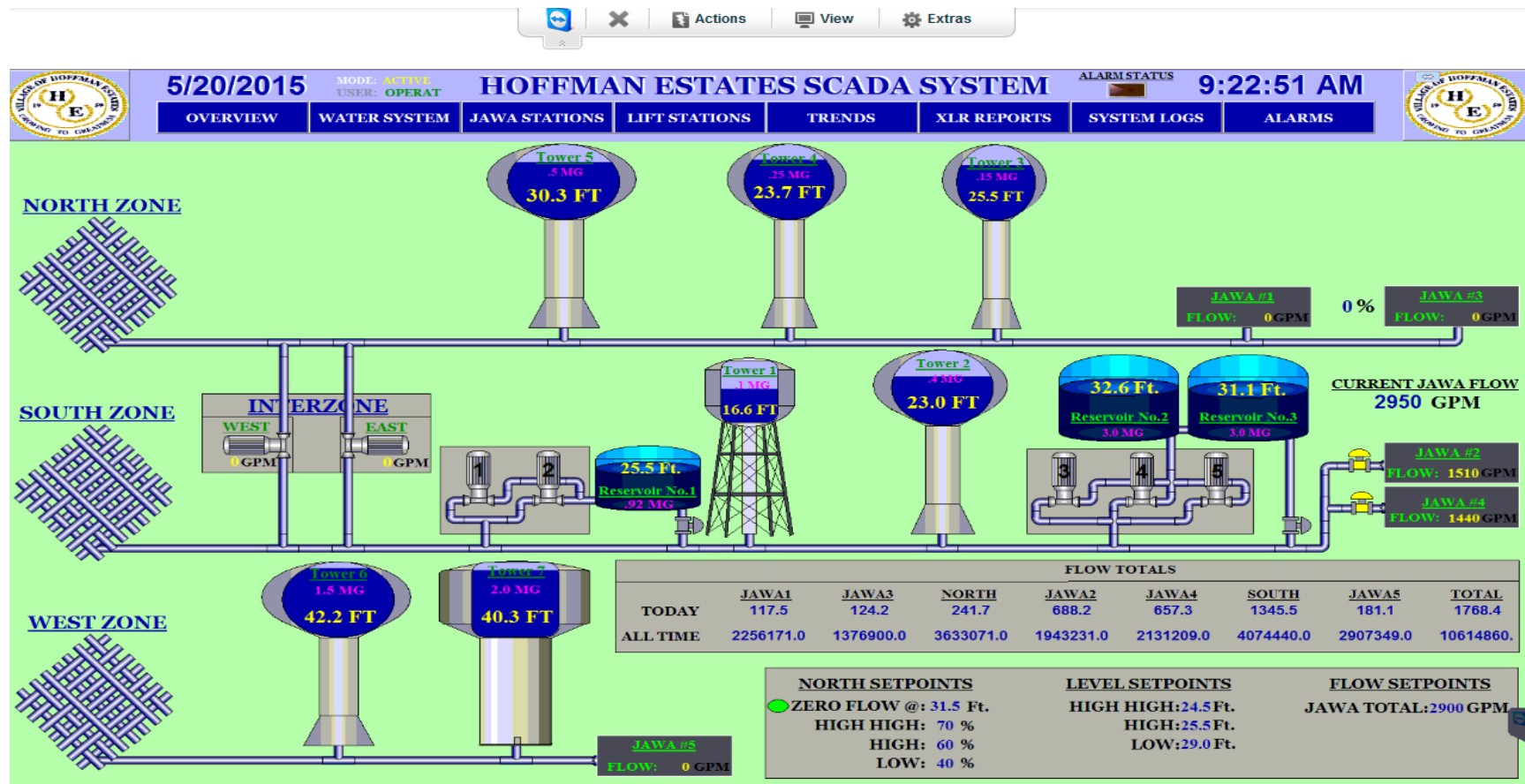
Description

The budget is for annual hardware and software upgrades to improve system communication reliability and significantly reduce the operating cost. This is also to cover additional monitoring equipment as part of our preventative maintenance program to prevent costly emergency repairs.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Annual SCADA System Upgrade	32,000	23,300	33,000	34,000	35,000	36,000	37,000	38,000	40,000	40,000	293,000
including Professional Services and annual renewal of program licenses											
TOTAL COSTS	\$ 32,000	\$ 23,300	\$ 33,000	\$ 34,000	\$ 35,000	\$ 36,000	\$ 37,000	\$ 38,000	\$ 40,000	\$ 40,000	\$ 293,000
Proposed Source of Funds											
Water & Sewer Fund	-	-	-	-	-	36,000	37,000	38,000	40,000	40,000	191,000
Bond Issue	32,000	23,300	33,000	34,000	35,000	-	-	-	-	-	102,000
TOTAL FUNDS	\$ 32,000	\$ 23,300	\$ 33,000	\$ 34,000	\$ 35,000	\$ 36,000	\$ 37,000	\$ 38,000	\$ 40,000	\$ 40,000	\$ 293,000

See next page for additional justification.

In 2004 - 2011, the Control Center SCADA system (an Aquatrol Digital System framed on 1986 technology and W1300 Master Telemetry system) was replaced with an Allen-Bradley SLC 5/05 Master Control Panel and two desktop servers with IFix HMI Pak Version 3.0. The project was initiated to increase reliability of both water and wastewater systems and to reduce ongoing maintenance expenditures. The upgrade to PLC increases the number of input and output nodes which adds more control and monitoring capabilities of facility components and instruments such as valves, pumps and level monitoring devices. Due to the upgrade with PLC platform radio telemetry was installed and placed in the services in Dec 2012. The three leased circuits were disconnected with annual cost reduction of approximately \$30,000. In 2013 and 2014 the obsolete 2004 SCADA program hardware and software at the control center was upgraded. Between 2015 and 2016 the work is on software upgrade & update and component improvement such as the installation of antenna on the top of Beacon Point Tower and the original antenna was converted as backup. The proposed annual cost for 2017-2024 is for annual upgrade for software and hardware for the entire system that includes the new Master Radio Telemetry system, Master Control Panel and three desktop servers & field mobile devices and the field facilities of 16 lift stations, 7 water towers, 3 reservoirs, 5 flow meters, 2 booster pump stations, and 2 high service pump stations.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Water Meters / New Construction	Department: PW - Water & Sewer
Project Status: Retain from Previous CIP - Updated Costs	Project Type: 10 - Water & Sewer
Location: Various In Town Locations	Acct. Number: 40407423-4420
Relationship to Other Projects:	

Description

Water meter purchases required due to new housing starts and new commercial business establishments being operated, the Village is reimbursed through permit fees.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Meters for New Construction	30,000	15,000	40,000	40,000	50,000	50,000	60,000	70,000	80,000	90,000	480,000
Residential and Commercial											
TOTAL COSTS	\$ 30,000	\$ 15,000	\$ 40,000	\$ 40,000	\$ 50,000	\$ 50,000	\$ 60,000	\$ 70,000	\$ 80,000	\$ 90,000	\$ 480,000
Proposed Source of Funds											
Water & Sewer Fund	-	-	-	-	-	50,000	60,000	70,000	80,000	90,000	350,000
Bond Issue	30,000	15,000	40,000	40,000	50,000	-	-	-	-	-	130,000
TOTAL FUNDS	\$ 30,000	\$ 15,000	\$ 40,000	\$ 40,000	\$ 50,000	\$ 50,000	\$ 60,000	\$ 70,000	\$ 80,000	\$ 90,000	\$ 480,000

See next page for additional justification.

New meters are necessary for installation in new residential and commercial construction. Requested sums constitute costs for both meter category types; residential and commercial. Please note that the builders reimburse the Village the entire cost of the meter through permit fees. The standard issue meter for new construction of a residential property is a 1" meter and the typical cost is \$372, which covers the new radio meter interface unit (MIU), at \$92.5 per unit, new meter at \$195 per unit and related accessories. The number of water meters used for new construction has been low in recent years (69 in 2008, 24 in 2009, 20 in 2010, 12 in 2011, 10 in 2012, 15 in 2013, 5 in 2014, 42 in 2015 and 15 as of May 23, 2016) in comparison to past annual average of 350 units (2001 -2007). Staff is expecting approximately 55 units to be installed in 2017 with annual increases.

Meter		Meter	Copper Horn	Ball Valve	Dual Check	Flange Set	Meter Interface Unit	Total
Size	Style							
5/8" x 3/4" T-10	Disc	107	31.86	30.91	30.91	N/A	92.5	293.18
3/4" T-10	Disc	150	33.43	33.43	30.91	N/A	92.5	340.27
1" T-10	Disc	195	44.39	N/A	39.75	N/A	92.5	371.64
1 1/2" T-10	Disc	395	N/A	N/A	N/A	45.13	92.5	532.63
2" T-10	Disc	520	N/A	N/A	N/A	52.39	92.5	664.89
2" (15 1/4 LL)		1420	N/A	N/A	N/A	52.39	92.5	1564.89
3" Compound		1910	N/A	N/A	N/A	N/A	92.5	2002.5
4" Compound		2580	N/A	N/A	N/A	N/A	92.5	2672.5
6" Compound		4250	N/A	N/A	N/A	N/A	92.5	4342.5
1 1/2" Turbine		540	N/A	N/A	N/A	45.13	92.5	677.63
2" Turbine		570	N/A	N/A	N/A	52.39	92.5	714.89
3" Turbine		865	N/A	N/A	N/A	N/A	92.5	957.5
4" Turbine		1200	N/A	N/A	N/A	N/A	92.5	1292.5
6" Turbine		2270	N/A	N/A	N/A	N/A	92.5	2362.5

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Water Main Replacement	Department:	PW - Water & Sewer
Project Status:	Retain from Previous CIP - Updated Costs	Project Type:	10 - Water & Sewer
Location:	Barrington & 72; Ela & 62; Ela & Central; Huntington Between Central & Algonquin	Acct. Number:	(1) 40406725-4609 (2) 40407425-4609
Relationship to Other Projects:			

Description

The project is for rehabilitation, replacement and repairs of water mains located in corrosive environment. Work may also include installation of cathodic protection system at 69 sites identified in previous study.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Engineering Services	10,000	12,000	75,000	-	-	-	-	-	-	-	75,000
Replace approx. 6,800 ft. trans. water main at \$200/ft. on Ela Rd.	400,000	-	-	-	-	-	-	-	-	-	-
Village wide leak survey	-	-	-	-	-	-	-	-	-	-	-
Installation of cathodic protection system or section replacement including aged service lines	-	-	-	-	315,000	-	100,000	-	-	100,000	515,000
Palatine Interconnect	-	-	-	350,000	-	-	-	-	-	-	350,000
TOTAL COSTS	\$ 410,000	\$ 12,000	\$ 75,000	\$ 350,000	\$ 315,000	\$ -	\$ 100,000	\$ -	\$ -	\$ 100,000	\$ 940,000
Proposed Source of Funds											
Water & Sewer Fund (1)	-	-	-	-	-	-	100,000	-	-	100,000	200,000
Bond Issue (2)	410,000	12,000	75,000	350,000	315,000	-	-	-	-	-	740,000
TOTAL FUNDS	\$ 410,000	\$ 12,000	\$ 75,000	\$ 350,000	\$ 315,000	\$ -	\$ 100,000	\$ -	\$ -	\$ 100,000	\$ 940,000

In 2001 frequent water mains occurred on transmission water main along Huntington & Ela roads and corrosive soils was identified as the cause of the deterioration of water mains that resulted in main breaks and leaks. Two separate engineering studies conducted sequentially in 2002 and 2006 recommended cathodic protection, section repair and replacement as the best rehabilitation method. By 2010 Phase I, II and III water main rehabilitation work was completed with a 3rd engineering study and the work included installation of cathodic system on water mains located in very corrosive soil and installation of repair sleeve at location where pipe wall loss is serious. The method appears to work well, as there has been no main break for many years. A 4th engineering study was completed in 2016, which provided a summary review of all previously completed work and an independent examination of the pipe with exploratory excavation and confirmed continued cathodic protection as the most cost effective strategy and replacement of 6,800 feet water main would not be the most cost effective method. Staff considers it far better and less costly to have a water system interconnect with another community to improve reliability of water service. As a result amount of funds originally allocated was reduced by 80%. Budgeted amount (\$400,000) for water main replacement in 2016 will not be needed.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Hydrant Replacements	Department: PW - Water & Sewer
Project Status: Retain from Previous CIP	Project Type: 10 - Water & Sewer
Location: Various Locations In Village	Acct. Number: 40407424-4528
Relationship to Other Projects:	

Description

In-House replacement of failing Traverse City brand hydrants.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Material Costs	47,500	91,500	-	52,500	55,000	57,500	60,000	62,500	65,000	67,500	420,000
TOTAL COSTS	\$ 47,500	\$ 91,500	\$ -	\$ 52,500	\$ 55,000	\$ 57,500	\$ 60,000	\$ 62,500	\$ 65,000	\$ 67,500	\$ 420,000
Proposed Source of Funds											
Water & Sewer Fund	-	-	-	-	-	57,500	60,000	62,500	65,000	67,500	312,500
Bond Issue	47,500	91,500	-	52,500	55,000	-	-	-	-	-	107,500
TOTAL FUNDS	\$ 47,500	\$ 91,500	\$ -	\$ 52,500	\$ 55,000	\$ 57,500	\$ 60,000	\$ 62,500	\$ 65,000	\$ 67,500	\$ 420,000

Hydrants will be repaired or replaced whenever signs of failure are detected or when it is damaged by vehicle accidents. Staff also replace Traverse City brand (TCIW) hydrants which are obsolete and some parts are no longer available to repair them. Village development requirements and standards no longer allow TCIW hydrants to be installed. Prior to 2009, an average of 7-8 hydrants including TCIW were replaced annually. Starting in 2010, this number was increased to 15 hydrants annually in order to expedite the replacement program. There are a total of 203 Traverse City brand hydrants still in service at this time. It is expected 15 hydrants will be replaced in 2016 and the replacement of remaining TCIW hydrants may take many years to complete. In 2016 30 hydrants were purchase due to the good bid price, which provided enough number of hydrants for 2017. Recently with help from expert staff did repair/rebuild of a few TCIW hydrants and found the methods worth further evaluation. If these repaired hydrants pass the test, it will become a less costly alternative.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Interior & Exterior Painting/Maintenance Repair of T-1	Department:	PW - Water & Sewer
Project Status:	Retain from Previous CIP	Project Type:	10 - Water & Sewer
Location:	95 Aster Lane	Acct. Number:	40407324-4527
Relationship to Other Projects:			

Description

Engineering study needs to determine options for painting the interior & exterior surface of the T-1 (Aster Lane water tower). T-1 can hold 100,000 gallon in its double ellipse elevated tank built in 1955 by Chicago Bridge and Iron Company of Chicago. It is approximately 180 feet high and has a diameter of 32 feet. The interior was last painted in 1990 and the exterior was last painted in 1993. The longevity of new paint varies between 15 – 25 years. In November 2005, Dixon Engineering's inspections on the facility led to the recommendations of painting and maintenance repair work on the elevated tank.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Exterior recoat w/polyurethane system	-	-	-	-	180,000	-	-	-	-	-	180,000
Lead Base Containment	-	-	-	-	70,000	-	-	-	-	-	70,000
Miscellaneous Repairs	-	-	-	-	44,000	-	-	-	-	-	44,000
Engineering & Contingency	-	-	-	-	35,000	-	-	-	-	-	35,000
Engineering Study	10,000	-	-	10,000	-	-	-	-	-	-	10,000
TOTAL COSTS	\$ 10,000	\$ -	\$ -	\$ 10,000	\$ 329,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 339,000
Proposed Source of Funds											
Unfunded	10,000	-	-	10,000	329,000	-	-	-	-	-	339,000
TOTAL FUNDS	\$ 10,000	\$ -	\$ -	\$ 10,000	\$ 329,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 339,000

See next page for additional justification.

The project was originally part of the R-1 (Aster Ln Reservoir) and T-1 (Aster Ln Tower) painting outlined in CIP for FY 2006. It was bid out three times together with R-1 painting work, including a reverse auction process in July 2007 that enabled the Village to receive a reasonable bid and to award contract. However, the contractor refused to perform the work after receiving notice of the contract award and made settlement payment to the Village to avoid legal action. In February 2008, the Department decided separating the T-1 and R-1 projects. The R-1 project was successfully bid out and completed in 2009. An inspection of T-1 was performed in October 2011 to update coating condition and budget cost. The reports indicates the wet interior coating (multi coat epoxy system) is still in good condition. However, the exterior coating (aluminum alkyd with a lead primer) is in poor condition. The total budget cost for painting is still based on 2011's inspection. The project is to rescheduled pending plans for the adjacent commercial site. The chart below is the tower and reservoir painting maintenance log:



TOWER		INSTALLED	PAINTED EXTERIOR	PAINTED INTERIOR	CATHODIC PROTECTION	PAINTING CONTRACTOR	VOLUME
#1	95 Aster	1955	1993	1990	1990	E-Jetco, Ltd.	100,000
#2	2150 Stonington	1971	1999	1991	1991	E-Jetco, Ltd. I-AmCoat	400,000
#3	1355 Westbury	1968	2001	1990	1990	E-G & M	150,000
#4	3990 Huntington	1977	1993	1996	1996	I-Jetco, Ltd	250,000
#5	4690 Olmstead	1978	1995	1995	1995	E & I – Maxcor, Inc	500,000
#6	2550 Beverly	1991	2011	2011	1991	Chicago (CBI) Bridge & Iron Maxcor, Inc	1,500,000
#7	5795 Beacon Pointe	2011	2011	2011	2011	Chicago (CBI) Bridge & Iron	2,000,000
RESERVOIRS							
#1	95 Aster	1962	2008	2008	1990	E & I – Jetco, Ltd. AmCoat Painting	920,000
#2	1775 Abbey Wood	1972	2004	1997	1997	E – Thomas Ind. I – Jetco, Ltd.	3,000,000
#3	1775 Abbey Wood	1992	2003	2003	2003	E & I – Thomas Ind.	3,000,000
PCMT	4785 Higgins	1980	1995	1999	None	I – G & M E – In House	100,000

Revised by Haileng Xiao

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: WDA Lift Station Pump & Control Replacement	Department: PW - Water & Sewer
Project Status: New Request	Project Type: 10 - Water & Sewer
Location: WDA Lift Station	Acct. Number: 40407425-4608
Relationship to Other Projects:	

Description

Replacement of the four Flygt Model CP3300 pumps with 88 horse power that is compatible with variable frequency drive and a pumping capacity of 2000 gpm and replacement of the two VFD (variable frequency drives) that allows pumping range between 500 gpm and 2000 gpm.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Pump Installation	41,000	19,000	-	-	-	41,000	41,000	-	-	-	82,000
Start up services	1,200	-	-	-	-	1,200	1,200	-	-	-	2,400
VFD Replacement	40,000	-	-	-	-	40,000	-	-	-	-	40,000
5% Contingency	4,110	-	-	-	-	4,110	4,110	-	-	-	8,220
TOTAL COSTS	\$ 86,310	\$ 19,000	\$ -	\$ -	\$ -	\$ 86,310	\$ 46,310	\$ -	\$ -	\$ -	\$ 132,620
Proposed Source of Funds											
Water & Sewer Fund	-	-	-	-	-	86,310	46,310	-	-	-	132,620
Bond Issue	86,310	19,000	-	-	-	-	-	-	-	-	-
TOTAL FUNDS	\$ 86,310	\$ 19,000	\$ -	\$ -	\$ -	\$ 86,310	\$ 46,310	\$ -	\$ -	\$ -	\$ 132,620

WDA Lift Station was designed and constructed in 1990 /1991 with four pumps and two VFD (variable frequency drives). All four pumps are Flygt Model CP-3300 #465, 88 horse power and compatible with variable frequency drive. Each of the four pumps can provide pumping in the range of 500 gpm to 2000 gpm. The pumps have gradually shown serious wear and tear. They require repair or replacement. As more efficient pumps and motors become available, it is more beneficial for the Village to have these pumps replaced. The existing two VFD control systems have also become obsolete and need to be replaced. The replacement needs to include contactors and across-the-line starters associated with the four pumps with new PLC programming to operate each of the four pumps on a dedicated VFD. The original plan was to upgrade the VFD in 2015. In 2015 a grinder was installed at the station which has greatly reduced wearing and tearing on the pumps and increased the service life of each pump. In 2016 a new Grundfos pump was installed to replace the failed Flygt pump. Initial observation indicates the replacement is successful and the cost for the new Grundfos pump is less than 50% of the Flygt pump. Due to the above improvement pump and VFD replacement is pushed back a year to allow further evaluation.

**Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program**

Project Information

Project Name: Interior & Exterior Painting/Maintenance Repair of T-5	Department: PW - Water & Sewer
Project Status: Retain from Previous CIP	Project Type: 10 - Water & Sewer
Location: 4690 Olmstead	Acct. Number: 40407324-4527
Relationship to Other Projects:	

Description

The 500,000 gallon spheroid elevated water storage (T-5), located at 4690 Olmstead, was built in 1978 by Chicago Bridge and Iron Company of Chicago, Illinois. The interior was last painted in 1995 and the exterior was last painted in 1995. The longevity of new paint varies between 15- 25 years.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Exterior recoat w/polyurethane system	270,000	-	-	-	-	270,000	-	-	-	-	270,000
Possible Containment	70,000	-	-	-	-	70,000	-	-	-	-	70,000
Miscellaneous Repairs	44,000	-	-	-	-	44,000	-	-	-	-	44,000
Engineering & Contingency	35,000	-	-	-	-	35,000	-	-	-	-	35,000
TOTAL COSTS	\$ 419,000	\$ -	\$ -	\$ -	\$ -	\$ 419,000	\$ -	\$ -	\$ -	\$ -	\$ 419,000
Proposed Source of Funds											
State of Illinois Loan	419,000	-	-	-	-	-	-	-	-	-	-
Unfunded	-	-	-	-	-	419,000	-	-	-	-	419,000
TOTAL FUNDS	\$ 419,000	\$ -	\$ -	\$ -	\$ -	\$ 419,000	\$ -	\$ -	\$ -	\$ -	\$ 419,000

See next page for additional justification.

The tank ball diameter is approximately 56 feet, shaft diameter 10 feet, foundation diameter 19 feet. The height to low water line is 78 feet and height to high water lines 116 feet. Total tank height is 124 feet from the finished grade to the top of the tower. Inspections of the tank coating were done as part of the antenna installation & upgrade project. Last inspection completed by the engineer in October 2015 reported no immediate problem. The engineer recommended another inspection in 5 years (before 2020) to determine the condition of tower coating and when to do tower painting, which will provide budget costs for painting and necessary repairs. Staff believes the paint system for the exterior and dry interior is aluminum alkyd with a lead primer. Current budget amount is based on T-1's engineering estimate for painting of both the interior and the exterior of the tower. The chart below is the tower and reservoir painting maintenance log:



TOWER		INSTALLED	PAINTED EXTERIOR	PAINTED INTERIOR	CATHODIC PROTECTION	PAINTING CONTRACTOR	VOLUME
#1	95 Aster	1955	1993	1990	1990	E-Jetco, Ltd.	100,000
#2	2150 Stonington	1971	1999	1991	1991	E-Jetco, Ltd. I-AmCoat	400,000
#3	1355 Westbury	1968	2001	1990	1990	E-G & M	150,000
#4	3990 Huntington	1977	1993	1996	1996	I-Jetco, Ltd	250,000
#5	4690 Olmstead	1978	1995	1995	1995	E & I – Maxcor, Inc	500,000
#6	2550 Beverly	1991	2011	2011	1991	Chicago (CBI) Bridge & Iron Maxcor, Inc	1,500,000
#7	5795 Beacon	2011	2011	2011	2011	Chicago (CBI) Bridge & Iron	2,000,000
RESERVOIRS							
#1	95 Aster	1962	2008	2008	1990	E & I – Jetco, Ltd. AmCoat Painting	920,000
#2	1775 Abbey	1972	2004	1997	1997	E – Thomas Ind. I – Jetco, Ltd.	3,000,000
#3	1775 Abbey Wood	1992	2003	2003	2003	E & I – Thomas Ind.	3,000,000
PCMT	4785 Higgins	1980	1995	1999	None	I – G & M E – In House	100,000

Village of Hoffman Estates, Illinois

2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Moonlake Lift Wet Well Grinder/Restrainer	Department:	PW - Water & Sewer
Project Status:	Retain from Previous CIP - Updated Costs	Project Type:	10 - Water & Sewer
Location:	Moonlake Lift Station	Acct. Number:	40407425-4608
Relationship to Other Projects:			

Description

Installation of a solid debris restraining system at the intake line of the lift station wet well or installation of a combination of grinder and restrainer to be designed in 2020.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Restrainer/grinder	-	-	50,000	-	-	-	-	-	-	-	50,000
Vault to house the system	-	-	30,000	-	-	-	-	-	-	-	30,000
Wet well safety hatch access	-	-	15,000	-	-	-	-	-	-	-	15,000
TOTAL COSTS	\$ -	\$ -	\$ 95,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 95,000
Proposed Source of Funds											
Bond Issue	-	-	95,000	-	-	-	-	-	-	-	95,000
TOTAL FUNDS	\$ -	\$ -	\$ 95,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 95,000

Moonlake Lift Station is a dry well/wet well type prefabricated steel duplex underground pump station constructed in 1973. The pump was manufactured by Cantex Industries. It consists of two constant speed, non-clog pumps with 40 HP, 460 volts, 3 phase motors. Both pumps are rated at 1400 gpm. The service areas of the station include the major hospitals and housing facilities of senior residents.

Station wet well requires more cleaning than other stations. Sewage were often observed to have rags, mop heads, worn towels and etc., that potentially could cause pump damage. Staff is proposing the project as the trend of technology market shows the potential development of new restrainer that fits the Moonlake Lift wet well intake system.

Wet well safety hatch is to be installed to improve accessing the wet well for routine maintenance of the grinder/restrainer.

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Portable Video Inspection Unit	Department: PW - Water & Sewer
Project Status: Retain from Previous CIP	Project Type: 10 - Water & Sewer
Location: 2305 Pembroke Avenue	Acct. Number: 40407325-4608
Relationship to Other Projects:	

Description

Video camera with pan & tilt zoom oziii multi-conductor system for recorded sewer main inspection.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Video Camera System Components	-	-	40,000	-	-	-	-	-	-	-	40,000
TOTAL COSTS	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000
Proposed Source of Funds											
Water & Sewer Fund	-	-	40,000	-	-	-	-	-	-	-	40,000
TOTAL FUNDS	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000

Sewer T.V. inspection is essential to support continued sewer repair/replacement as part of the Village's ongoing sewer maintenance program. The proposed upgrade equipment is to replace the system component that has been in service for 5 years and to be mounted on a pick-up truck for in-house sewer inspection. Since the purchase of the portable camera in 2008, almost all TV sewer inspection has been conducted in house by staff, which is more cost-effective.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Interior & Exterior Painting/Maintenance Repair of T-2	Department: PW - Water & Sewer
Project Status: Retain from Previous CIP	Project Type: 10 - Water & Sewer
Location: 2150 Stonington	Acct. Number: 40407324-4527
Relationship to Other Projects:	

Description

The 400,000 gallon spheroid elevated water storage (T-2), located at 2150 Stonington, was built in 1971 by Chicago Bridge and Iron Company of Chicago, Illinois. The interior was last painted in 1991 and the exterior was last painted in 1999. The longevity of new paint varies between 15- 25 years.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Pressure wash & overcoat exterior	-	-	-	70,000	-	-	-	-	-	-	70,000
Abrasive dry interior clean platforms	-	-	-	15,000	-	-	-	-	-	-	15,000
Abrasive clean & recoat wet interior	-	-	-	85,000	-	-	-	-	-	-	85,000
Minor repair items	-	-	-	46,000	-	-	-	-	-	-	46,000
Engineering & Contingencies	-	-	-	30,000	-	-	-	-	-	-	30,000
TOTAL COSTS	\$ -	\$ -	\$ -	\$ 246,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 246,000
Proposed Source of Funds											
State of Illinois Loan	-	-	-	246,000	-	-	-	-	-	-	246,000
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ 246,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 246,000

See next page for additional justification.

The tank ball diameter is approximately 51 feet, shaft diameter 10 feet, foundation diameter 16 feet. The height to low water line is 107 feet and height to high water lines 142 feet. Total tank height is 150 feet from the finished grade to the top of the tower. Inspections of the tank coating were done as part of the antenna installation & upgrade project. Last inspection completed by the engineer in Sept. 2012 reported no immediate problem. The plan is to do a thorough engineering inspection in 2020 to determine the condition of tower coating, which will provide budget costs for painting and necessary repairs. Current budget amount is based on T-1's engineering estimate for painting of both the interior and the exterior of the tower. The chart below is the tower and reservoir painting maintenance log:



TOWER		INSTALLED	PAINTED EXTERIOR	PAINTED INTERIOR	CATHODIC PROTECTION	PAINTING CONTRACTOR	VOLUME
#1	95 Aster	1955	1993	1990	1990	E-Jetco, Ltd.	100,000
#2	2150 Stonington	1971	1999	1991	1991	E-Jetco, Ltd. I-AmCoat	400,000
#3	1355 Westbury	1968	2001	1990	1990	E-G & M	150,000
#4	3990 Huntington	1977	1993	1996	1996	I-Jetco, Ltd	250,000
#5	4690 Olmstead	1978	1995	1995	1995	E & I – Maxcor, Inc	500,000
#6	2550 Beverly	1991	2011	2011	1991	Chicago (CBI) Bridge & Iron Maxcor, Inc	1,500,000
#7	1775 Deacon Dennis	2011	2011	2011	2011	Chicago (CBI) Bridge & Iron	2,000,000
RESERVOIRS							
#1	95 Aster	1962	2008	2008	1990	E & I – Jetco, Ltd. AmCoat Painting	920,000
#2	1775 Abbey Wood	1972	2004	1997	1997	E – Thomas Ind. I – Jetco, Ltd.	3,000,000
#3	1775 Abbey Wood	1992	2003	2003	2003	E & I – Thomas Ind.	3,000,000
PCMT	4785 Higgins	1980	1995	1999	None	I – G & M E – In House	100,000

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Replacement of Existing T-1	Department: PW - Water & Sewer
Project Status: New Request	Project Type: 10 - Water & Sewer
Location: 95 Aster Lane	Acct. Number: 40407324-4527
Relationship to Other Projects:	

Description

Installation of spheroid style water tower with 1.5 million gallon storage to replace the existing double ellipse style tank of only 100,000 gallons installed in 1955.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Construction	-	-	-	-	4,500,000	-	-	-	-	-	4,500,000
Removal of Ground Reservoir /pumps	-	-	-	-	120,000	-	-	-	-	-	120,000
Removal of Existing Tower	-	-	-	-	70,000	-	-	-	-	-	70,000
Engineering & Contingency	-	-	-	-	300,000	-	-	-	-	-	300,000
Engineering Study	-	-	-	-	20,000	-	-	-	-	-	20,000
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ 5,010,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,010,000
Proposed Source of Funds											
Unfunded	-	-	-	-	\$ 5,010,000	-	-	-	-	-	5,010,000
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ 5,010,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,010,000

See next page for additional justification.

The existing Aster Lane tower is only able to store 1/20th of the area's average daily use and doesn't provide much in the way of elevated storage. Tower painting to rehabilitate the facility is extremely difficult & costly (over \$500,000) due to the presence of the lead primer coat which requires full containment the process of sandblasting and removal of the old paint/primer coats. The estimate for construction of a new tower with 1 million gallon capacity, including the engineering costs and the demolition/ removal of the current tower and reservoir, is \$2,500,000. A new tower with a million gallon capacity would provide a far more reliable system should a widespread power outage occur and backup power generation fail. This would provide water at an adequate firefighting pressure for over a 24 hour period during an average consumption period.



TOWER		INSTALLED	PAINTED EXTERIOR	PAINTED INTERIOR	CATHODIC PROTECTION	PAINTING CONTRACTOR	VOLUME
#1	95 Aster	1955	1993	1990	1990	E-Jetco, Ltd.	100,000
#2	2150 Stonington	1971	1999	1991	1991	E-Jetco, Ltd. I-AmCoat	400,000
#3	1355 Westbury	1968	2001	1990	1990	E-G & M	150,000
#4	3990 Huntington	1977	1993	1996	1996	I-Jetco, Ltd	250,000
#5	4690 Olmstead	1978	1995	1995	1995	E & I – Maxcor, Inc	500,000
#6	2550 Beverly	1991	2011	2011	1991	Chicago (CBI) Bridge & Iron Maxcor, Inc	1,500,000
#7	5795 Beacon Pointe	2011	2011	2011	2011	Chicago (CBI) Bridge & Iron	2,000,000
RESERVOIRS							
#1	95 Aster	1962	2008	2008	1990	E & I – Jetco, Ltd. AmCoat Painting	920,000
#2	1775 Abbey Wood	1972	2004	1997	1997	E – Thomas Ind. I – Jetco, Ltd.	3,000,000
#3	1775 Abbey Wood	1992	2003	2003	2003	E & I – Thomas Ind.	3,000,000
PCMT	4785 Higgins	1980	1995	1999	None	I – G & M E – In House	100,000

Revised by Haileng Xiao

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Abbeywood Pump Replacement & Control Upgrade	Department: PW - Water & Sewer
Project Status: Retain from Previous CIP	Project Type: 10 - Water & Sewer
Location: 2305 Pembroke Avenue	Acct. Number: 40407425-4609
Relationship to Other Projects: _____	

Description

The project is to replace two pumps and installation of three Variable Frequency Drives (VFD) for pump control.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Cushion Check Valves	-	-	-	-	35,000	-	-	-	-	-	35,000
Separation Valves	-	-	-	-	35,000	-	-	-	-	-	35,000
Three VFD's	-	-	-	-	90,000	-	-	-	-	-	90,000
Two Pumps	-	-	-	-	60,000	-	-	-	-	-	60,000
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ 220,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 220,000
Proposed Source of Funds											
Bond Issue	-	-	-	-	220,000	-	-	-	-	-	220,000
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ 220,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 220,000

Two of the three pumps were installed in 1972 and the third pump was installed in approximately 1992. No VFD was used for any of the pumps. In 2006, the Village's consulting engineer recommended VFD for all three (3) pumps to prevent pressure surge and water hammer in the distribution system. The 1972 pumps are due for replacement, the best option is to add three cushion check valves, VFD's and additional separation valves while the pumps are being replaced. The 1992 pump (not recommended for replacement) and its configuration is compatible with VFD, cushion check and isolation valve installation. An evaluation of the pumps operating condition will be done before the project scope is finalized in early 2017. The Cushion Check Valves are preferred to conventional check valves for the elimination of water hammer. Such valves are equipped with a lever, weight and pneumatic cylinder. The amount of time for valve closing is adjustable with a needle valve.

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: University Lift Station Pump Improvement	Department: PW - Water & Sewer
Project Status: Retain from Previous CIP - Updated Costs	Project Type: 10 - Water & Sewer
Location: University Lift Station	Acct. Number: 40407325-4608
Relationship to Other Projects:	

Description

Installation of a third pump rated at 1000 GPM and 50 HP for the transitional period between Phase I and Phase II for the University Lift Station sanitary sewer collection system.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Pump Installation	-	-	-	-	47,000	-	-	-	-	-	47,000
Third VFD & PLC SCADA Control	-	-	-	-	7,500	-	-	-	-	-	7,500
10% Contingency	-	-	-	-	5,500	-	-	-	-	-	5,500
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60,000
Proposed Source of Funds											
Unfunded	-	-	-	-	60,000	-	-	-	-	-	60,000
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60,000

The station is designed with three pump configurations, but the station currently has two VFD pumps rated at 320 GPM and 25 HP for the Phase I Development of 1,000 units. Phase I development has been completed and the station's capacity need to be increased. The station is currently receiving the entire flow (167 units) from the former White Oak Lift Station (abandoned in 2008). The original design for Phase II development is to install two 50 HP pumps rated 1,000 GPM.

The proposed request is to install a third pump rated at 1,000 GPM and 50 HP for the transitional period between Phase I and Phase II. This pump will not only handle the peak flow, but also function as a pump failure back-up. The 50 HP pump will handle the peak flow more efficiently than a 25 HP pump at the station. As a result, the pump run time will be less and it will reduce the risk of station failure. In addition, two existing pumps (approximately \$50,000 installation costs) can be utilized to their full factory life without being replaced too early. When both 25 HP pumps finally fail, another 50 HP pump will be installed to let the station reach its design capacity. This represents the most cost effective solution. Project is rescheduled for later years due to slow development in the area.

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Western Area Water System Improvements	Department:	PW - Water & Sewer
Project Status:	Retain from Previous CIP - Updated Costs	Project Type:	10 - Water & Sewer
Location:	Western Area	Acct. Number:	40407325-4609
Relationship to Other Projects:			

Description

System upgrades to provide increased pumping capacity, system pressure and emergency water supply.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
High Ridge Booster Pumping Station	-	-	-	-	-	-	-	300,000	-	-	300,000
Pressure Reducing Valves (10 @ \$10,000 ea)	-	-	-	-	-	-	-	100,000	-	-	100,000
JAWA 2 Booster Pump Upgrades	-	-	-	-	-	-	250,000	-	-	-	250,000
Syst Infrastructure Engineer Study	-	-	-	-	-	45,000	-	-	-	-	45,000
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 45,000	\$ 250,000	\$ 400,000	\$ -	\$ -	\$ 695,000
Proposed Source of Funds											
Unfunded	-	-	-	-	-	45,000	250,000	400,000	-	-	695,000
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 45,000	\$ 250,000	\$ 400,000	\$ -	\$ -	\$ 695,000

Through the years, three comprehensive studies of the WDA water system were conducted. The First study was performed in 1990-1992 by Donahue & Associates. The second study was performed by Clark & Dietz in 1994. In 2004, Ciorba Group Inc. completed the 3rd engineering study of Village's Western Area water sewer infrastructure. Due to changing system dynamics, a 4th study is proposed for 2017 to address concerns about the water system pressure, capacity and infrastructure improvement.

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**Village of Hoffman Estates, Illinois
2017 - 2024 Capital Improvements Program
Summary of Capital Requests**

Group: Street & Related Infrastructure (Project Types 30 and 40)

Page	Project	Dept	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
80	Sidewalk/Curb Replacement Program	40	70,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	630,000
82	Street Light Pole Replacement	40	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	80,000
84	Barrington Interchange	50	1,700,000	-	-	-	-	-	-	-	1,700,000
85	I-90 Pedestrian Overpass	50	500,000	-	-	-	-	-	-	-	500,000
86	Shoe Factory Road	50	-	-	8,000,000	4,500,000	-	-	-	-	12,500,000
87	Street Revitalization	50	6,642,030	6,950,000	6,150,000	6,150,000	6,450,000	6,450,000	6,450,000	6,450,000	51,692,030
88	STP Resurfacing	50	1,570,000	950,000	700,000	760,000	-	1,100,000	-	-	5,080,000
89	Sidewalk & Bicycle Improvements	50	25,000	265,000	290,000	290,000	290,000	290,000	290,000	290,000	2,030,000
90	Central Road Bicycle Path	50	50,000	1,200,000	-	-	-	-	-	-	1,250,000
91	Shoe Factory Road & I-90 Undercrossing Path	50	-	775,000	-	-	-	-	-	-	775,000
92	Huntington Boulevard Bicycle Path & Route-CMAQ	50	-	30,000	-	350,000	-	-	-	-	380,000
93	Safe Routes to School - former Federal Program	50	-	50,000	-	50,000	-	50,000	-	50,000	200,000
94	Intersection Improvements - Signals	50	-	80,000	400,000	80,000	400,000	80,000	400,000	-	1,440,000
95	Barrington Rd/Bode Rd Intersection Improvement	50	-	-	125,000	450,000	1,700,000	-	-	-	2,275,000
96	Beverly Interchange	50	-	-	-	-	-	-	2,000,000	-	2,000,000
97	Rt. 59/Hoffman Turn Lane	60	-	25,000	-	-	-	-	-	-	25,000
98	SCA Site - Parking Lot Improvements	41	2,500	15,000	10,000	9,000	-	-	-	-	36,500
Total Street & Related Infrastructure:			\$10,569,530	\$10,430,000	\$15,765,000	\$12,729,000	\$ 8,930,000	\$ 8,060,000	\$ 9,230,000	\$ 6,880,000	\$ 82,593,530

Department Codes:

- | | |
|-----------------------|------------------------------|
| 10 General Government | 41 Sears Centre Arena |
| 20 Police | 50 Development Services |
| 30 Fire | 60 Economic Development Area |
| 40 Public Works | 70 Information Systems |

Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Sidewalk/Curb Replacement Program	Department:	PW - Streets
Project Status:	Retain from Previous CIP - Updated Costs	Project Type:	30 - Sidewalks/Curb & Gutter
Location:	Various Locations Throughout The Village	Acct. Number:	36000025-4615
Relationship to Other Projects:			

Description

Currently the majority of sidewalk replacement is funded through the Street Revitalization Program. This program does not include other deteriorating sidewalk sections in other areas in need of replacement, or residential requests for sidewalk sections deemed hazardous throughout the Village.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Sidewalks	55,000	55,000	65,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	590,000
Curb & Gutter	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	40,000
TOTAL COSTS	\$ 60,000	\$ 60,000	\$ 70,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 630,000
Proposed Source of Funds											
Motor Fuel Tax Fund	60,000	60,000	70,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	630,000
TOTAL FUNDS	\$ 60,000	\$ 60,000	\$ 70,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 630,000

See next page for additional justification.

This program was previously a part of the CIP, but then eliminated due to the funds being incorporated within the Street Revitalization Program. This program is not sufficiently funded to address the accelerated rate of deterioration Village wide.



Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Street Light Pole Replacement	Department:	PW - Streets
Project Status:	Retain from Previous CIP - Updated Costs	Project Type:	30 - Sidewalks/Curb & Gutter
Location:	Various Locations Throughout The Village	Acct. Number:	36000025-4610
Relationship to Other Projects:			

Description

Replace deteriorating concrete street lights with aluminum standard street lights.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Street Lights	-	-	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	80,000
TOTAL COSTS	\$ -	\$ -	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 80,000
Proposed Source of Funds											
General Fund	-	-	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	80,000
TOTAL FUNDS	\$ -	\$ -	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 80,000

See next page for additional justification.

Throughout the Village 661 concrete street lights exist. Over time, these poles experience deterioration of spalling and cracking warranting replacement to eliminate potential hazards.

Approximately 18 years ago, the Village modified specifications to use aluminum as a standard street light pole. In 2014, 4 poles were replaced at \$9,940 and in 2015, 4 poles were replaced at \$9,990. The poles are evaluated annually and those that are in need of replacement are added to a list, in order of condition.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Barrington Interchange	Department:	DS - Transp. & Engin.
Project Status:	Retain from Previous CIP - Updated Costs	Project Type:	40 - Street Construction
Location:	Various	Acct. Number:	29000025-4610 - Village share - \$5,000,000
Relationship to Other Projects:	None		Also funding from Illinois Tollway and IDOT - \$63,000,000

Description

Construction of the full interchange is expected to be substantially complete by the end of 2016. The State and Village shared the cost of Phase I while the Illinois Tollway and Village shared the cost of Phase II. Total project costs include all engineering phases, right of way, utility work, and construction. The table at the bottom shows the engineering work and current estimated project costs. Final project costs will be based on actual quantities, bid prices and adjustments needed during construction. Timing of Village payments and amounts is outlined in the IGA. Estimated project closeout in late 2017. Based on current estimates from the Tollway, the total Village share of the overall project cost is not expected to exceed \$5 million.

Project Cost Description	2016	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Barrington Rd I/C engineering - Phase I - complete	-	-	-	-	-	-	-	-	-	-	-
Barrington Rd I/C engineering- Phase II - complete	-	400,000	-	-	-	-	-	-	-	-	-
Barrington Rd I/C Construction-incl Phase III	16,750,000	23,200,000	1,550,000	-	-	-	-	-	-	-	1,550,000
Bridge aesthetic features	-	-	150,000	-	-	-	-	-	-	-	150,000
TOTAL COSTS	\$ 16,750,000	\$ 23,600,000	\$ 1,700,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,700,000
Proposed Source of Funds											
Contributions	300,000	170,000	830,000	-	-	-	-	-	-	-	830,000
Impact Fee / Developer Deposits balance	-	-	370,000	-	-	-	-	-	-	-	370,000
State Capital funds	5,450,000	7,700,000	-	-	-	-	-	-	-	-	-
Tollway Contribution	11,000,000	15,730,000	-	-	-	-	-	-	-	-	-
Impact Fees in process	-	-	500,000	-	-	-	-	-	-	-	500,000
TOTAL FUNDS	\$ 16,750,000	\$ 23,600,000	\$ 1,700,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,700,000

Summary of Past and Future Interchange Costs (Estimated)

Item	Funding Agency	2012	2013	2014	2015	2016	2017	Total
Phase I Engineering	IDOT, Village	\$1,050,000	\$1,050,000					\$2,100,000
Phase II Engineering	IL Tollway, Village		\$1,750,000	\$1,900,000		\$400,000		\$4,050,000
Bridge Construction	IDOT, IL Tollway			\$8,000,000	\$8,000,000			\$16,000,000
Interchange Construction	IDOT, IL Tollway, Village				\$17,500,000	\$17,500,000		\$35,000,000
Utilities	IDOT, IL Tollway, Village					\$1,400,000	\$1,400,000	\$2,800,000
Right of Way	IDOT, IL Tollway, Village				\$1,300,000	\$1,300,000		\$2,600,000
Phase III Eng	IDOT, IL Tollway, Village			\$1,000,000	\$2,000,000	\$3,000,000		\$6,000,000
	Total	\$1,050,000	\$2,800,000	\$10,900,000	\$28,800,000	\$23,600,000	\$1,400,000	\$68,550,000

Based on approximate \$68M estimated total project cost

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	I-90 Pedestrian Overpass	Department:	Development Services
Project Status:	New Request	Project Type:	40 - Street Construction
Location:	I-90 east of Barrington Road	Acct. Number:	29000025-4610
Relationship to Other Projects:	Barrington Road Full Interchange		

Description

Pace is building a pedestrian overpass of I-90 to link the Park & Ride (north side) and Kiss & Ride (south side) areas, the I-90 express bus stops, and connecting to local streets. The Village contracted for the design services of the overpass with all costs reimbursed by Pace. Pedestrians will have a more direct route of travel by using the overpass to cross between the north and south sides of the Tollway compared to the walking distance using Barrington Road. The structure will be owned and maintained by Pace, accessible by elevators and stairs. The overpass is enclosed and will be climate controlled. The Village agreed to contribute to the construction of the pedestrian overpass as local businesses and residents will benefit from its connectivity and the transit services to be implemented on I-90. Pace's plan is to complete construction of the overpass in 2017. The total estimated construction cost is about \$7.4 million with Pace paying the large majority of this amount with the Village's contribution about 7% of the total.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Share of I-90 pedestrian overpass											
Construction	-	-	500,000	-	-	-	-	-	-	-	500,000
TOTAL COSTS	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000
Proposed Source of Funds											
Traffic Improvement Fund	-	-	250,000	-	-	-	-	-	-	-	250,000
Western Traffic Improvement Fund	-	-	150,000	-	-	-	-	-	-	-	150,000
Central Road Corridor Fund	-	-	100,000	-	-	-	-	-	-	-	100,000
TOTAL FUNDS	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Shoe Factory Road	Department: DS - Transp. & Engin.
Project Status: Retain from Previous CIP	Project Type: 40 - Street Construction
Location: Various	Acct. Number: 29000025-4610
Relationship to Other Projects:	

Description

Shoe Factory / Beverly Road improvements to be paid by Developer deposits/County, timing depends on developer's plans, County approval, County's programming of funds, and right of way acquisition. Right of way process continues. Appraisals provided to the County. The scope includes reconstructing and widening Shoe Factory to a four lane road with turn lanes and a landscaped median as well as widening Beverly Road from the Tollway to Shoe Factory Road to a similar cross section. Roadway lighting is included. Total project costs, estimated at this time, are shown below. Costs include engineering fees, utilities, and right of way. Future Shoe Factory Road improvements include traffic signals at Essex, Berner, and McDonough plus signal interconnect when these locations meet signal warrants. The completion of missing segments in the bicycle path and sidewalk system along Shoe Factory and Beverly Roads is part of the scope of work. County to provide Phase III engineering.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Shoe Factory / Beverly Road Widening											
Construction	-	-	-	-	8,000,000	4,500,000	-	-	-	-	12,500,000
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ 8,000,000	\$ 4,500,000	\$ -	\$ -	\$ -	\$ -	\$12,500,000
Proposed Source of Funds											
Developer Contributions	-	-	-	-	2,000,000	500,000	-	-	-	-	2,500,000
Cook County	-	-	-	-	6,000,000	3,000,000	-	-	-	-	9,000,000
Funding to be determined	-	-	-	-	-	1,000,000	-	-	-	-	1,000,000
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ 8,000,000	\$ 4,500,000	\$ -	\$ -	\$ -	\$ -	\$12,500,000

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Street Revitalization	Department:	DS - Transp. & Engin.
Project Status:	Retain from Previous CIP	Project Type:	40 - Street Construction
Location:	Various	Acct. Number:	29000025-4606
Relationship to Other Projects:	Bode STP		

Description

The estimated scope for reconstruction and resurfacing is shown for each year as constrained by the available funding sources. Actual needs in some years may exceed the estimated funding available and the estimated "unfunded" amount is shown in these cases. Some Village streets could qualify for federal funds to reconstruct or resurface them; but this is a small number overall and proposals must compete for limited funding. Road improvements include new curb/gutter, new base/surface, and drainage modifications. Reconstruction includes structural overlays and resurfacing includes basic overlays and overlays with curb/gutter replacement. Preventive maintenance consists of crack sealing with edge and surface patching options for certain conditions. All costs below are in estimated 2016 dollars; material costs are re-evaluated each year to develop the budget request for the upcoming year. These projects improve the ride quality of Village streets, improve drainage, create pedestrian and bicycle connections when needed, and extend the service life of the pavement. Preventive maintenance applied strategically at the proper time in the street's life cycle keeps streets at acceptable service levels and prolongs pavement life. Recent reconstruction streets are demonstrating longer life and less severe cracking which means a longer period prior to a need for resurfacing. Note that the number of streets needing rehabilitation and their associated costs exceed estimated available funding. Specific streets recommended for reconstruction and resurfacing are identified during the CIB development process.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Reconstruction	3,738,570	3,343,475	3,299,740	3,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	21,799,740
Resurfacing	2,206,100	2,206,100	2,892,290	3,000,000	3,200,000	3,200,000	3,500,000	3,500,000	3,500,000	3,500,000	26,292,290
Preventative Maintenance	75,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	800,000
Testing	125,000	100,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	1,000,000
Patching	75,000	-	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,600,000
Survey	25,000	-	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	200,000
TOTAL COSTS	\$ 6,244,670	\$ 5,749,575	\$ 6,642,030	\$ 6,950,000	\$ 6,150,000	\$ 6,150,000	\$ 6,450,000	\$ 6,450,000	\$ 6,450,000	\$ 6,450,000	\$ 51,692,030
Proposed Source of Funds											
Motor Fuel Tax	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	8,800,000
CDBG Funds	200,000	200,000	198,000	200,000	-	200,000	-	200,000	-	-	798,000
Electric Utility Tax	1,900,000	1,900,000	1,800,000	1,686,000	1,686,000	1,686,000	1,686,000	1,686,000	1,686,000	1,686,000	13,602,000
Municipal Motor Fuel Tax	420,000	420,000	470,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	3,620,000
Municipal Gas Use Tax	1,444,670	1,444,670	1,150,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	8,850,000
Packaged Liquor Tax	-	-	315,000	315,000	315,000	315,000	315,000	315,000	315,000	315,000	2,520,000
EDA bond proceeds	900,000	355,198	-	185,000	-	-	-	-	-	-	185,000
Fire Station Sale Proceeds	-	-	250,000	75,000	-	-	-	-	-	-	325,000
Road Improvements Fund Balance	280,000	329,707	-	-	-	-	-	-	-	-	-
General Fund Fund Balance	-	-	1,359,030	-	-	-	-	-	-	-	1,359,030
Unfunded	-	-	-	1,839,000	1,499,000	1,299,000	1,799,000	1,599,000	1,799,000	1,799,000	11,633,000
TOTAL FUNDS	\$ 6,244,670	\$ 5,749,575	\$ 6,642,030	\$ 6,950,000	\$ 6,150,000	\$ 6,150,000	\$ 6,450,000	\$ 6,450,000	\$ 6,450,000	\$ 6,450,000	\$ 51,692,030

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	STP Resurfacing	Department:	DS - Transp. & Engin.
Project Status:	Retain from Previous CIP	Project Type:	40 - Street Construction
Location:	Various	Acct. Number:	29000025-4606
Relationship to Other Projects:	Streets		

Description

Certain Village collector streets are eligible to compete for federal funds for resurfacing work. The program is administered through the NWMC and its Technical Committee. Federal funds will pay 80% of the construction cost once the project is awarded. The construction contract is administered through IDOT which bills the Village for the 20% local share. Phase I and II engineering are not eligible for federal funds on STP resurfacing projects. However, Phase III engineering is eligible and is shown in the summary below. Projects beyond 2017 are subject to approvals by NWMC and IDOT; shown as potential projects at this time. Road Improvement fund balances need to be coordinated with the annual street project. - shown below as unfunded past 2017). Potential list of candidate resurfacing streets includes Huntington Blvd (Palatine to Westbury), Gannon (Golf to Higgins), Beverly (north of Beacon Pointe), Jones (Rosedale to Higgins), Hassell (Fairway to Rosedale)

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Hillcrest and Moon Lake											
Engineering	-	100,000	-	-	-	-	-	-	-	-	-
Construction	-	1,500,000	-	-	-	-	-	-	-	-	-
Bode and Harmon Resurfacing											
Engineering	-	50,000	100,000	-	-	-	-	-	-	-	100,000
Construction	-	-	1,470,000	-	-	-	-	-	-	-	1,470,000
Future Resurfacing Streets											
Engineering	-	-	-	100,000	100,000	100,000	-	100,000	-	-	400,000
Construction	-	-	-	850,000	600,000	660,000	-	1,000,000	-	-	3,110,000
TOTAL COSTS	\$ -	\$ 1,650,000	\$ 1,570,000	\$ 950,000	\$ 700,000	\$ 760,000	\$ -	\$ 1,100,000	\$ -	\$ -	\$ 5,080,000
Proposed Source of Funds											
Federal STP Funds	-	1,280,000	1,176,000	680,000	480,000	528,000	-	800,000	-	-	3,664,000
General Fund Balance	-	370,000	394,000	270,000	220,000	232,000	-	300,000	-	-	1,416,000
TOTAL FUNDS	\$ -	\$ 1,650,000	\$ 1,570,000	\$ 950,000	\$ 700,000	\$ 760,000	\$ -	\$ 1,100,000	\$ -	\$ -	\$ 5,080,000

STP resurfacing projects are planned for Bode Road from Bode Circle East to Roselle Rd and Harmon from Golf to Bode Rd in 2017. Engineering work will start in 2017 for 2018 candidate streets for the STP program. Engineering fees are shown for future projects

Bode Resurfacing	\$970,000
Harmon Resurfacing	\$500,000

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Sidewalk & Bicycle Improvements	Department:	DS - Transp. & Engin.
Project Status:	Retain from Previous CIP	Project Type:	30 - Sidewalks/Curb & Gutter
Location:	Various	Acct. Number:	36000025-4615
Relationship to Other Projects:			

Description

Completion of missing links in the sidewalk system would greatly enhance connectivity and promote pedestrian travel. The scope of improvements also includes intersection crossings, especially at traffic signals. Bicycle Plan projects include "Ready to Go" on-street striping and signage projects, intersection improvements, significant change on-street and bicycle path projects, and Tollway crossings. A high priority for Tollway crossings is at Barrington Road which is incorporated into the interchange design. Other locations include the ITEP project for an undercrossing of I-90 along the CN right of way (see separate sheet,) Bartlett Road (accommodations provided as part of Illinois Tollway replacement of the bridge) and Beverly Road. Until such projects are identified and applications for funds made, the estimated total costs for these projects are shown. Success in receiving funding grants will be a key determinant in the timing of the larger projects. Some improvements such as crossings at signalized intersections will require approval by IDOT or Cook County.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Sidewalk gaps and safety improvements	15,000	-	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	120,000
Bike Plan - Ready to Go projects	25,000	-	10,000	-	25,000	25,000	25,000	25,000	25,000	25,000	160,000
Bike Plan - intersection improvements	50,000	-	-	50,000	50,000	50,000	50,000	50,000	50,000	50,000	350,000
Bike Plan - Significant Change / Paths	200,000	-	-	200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,400,000
TOTAL COSTS	\$ 290,000	\$ -	\$ 25,000	\$ 265,000	\$ 290,000	\$ 290,000	\$ 290,000	\$ 290,000	\$ 290,000	\$ 290,000	\$ 2,030,000
Proposed Source of Funds											
Unfunded (pursuing grant opportunities)	290,000	-	-	265,000	290,000	290,000	290,000	290,000	290,000	290,000	2,005,000
General Fund Fund Balance	-	-	25,000	-	-	-	-	-	-	-	25,000
TOTAL FUNDS	\$ 290,000	\$ -	\$ 25,000	\$ 265,000	\$ 290,000	\$ 290,000	\$ 290,000	\$ 290,000	\$ 290,000	\$ 290,000	\$ 2,030,000

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Central Road Bicycle Path	Department:	DS - Transp. & Engin.
Project Status:	Retain from Previous CIP	Project Type:	30 - Sidewalks/Curb & Gutter
Location:	AT&T West Drive to Paul Douglas Forest Preserve Bicycle Path	Acct. Number:	36000025-4615
Relationship to Other Projects:			

Description

The concept for this path is to locate it on the north side of Central Road from the proposed Pace Park & Ride lot to Huntington Boulevard, continuing into the Paul Douglas Forest Preserve to link with the existing path. Applications for State funding have been submitted on multiple occasions but not selected for funding. The eastern end of the path to Huntington Blvd is being built with the Trumpf development. CMAP requires that Phase I engineering be completed without any federal assistance and must be substantially done before a project can be considered for selection and programming. Options to prepare Phase I engineering are under discussion which if advanced could position the project for a 2017 call for funding applications through CMAQ, Access to Transit, or Transportation Alternatives programs.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Central Road Bicycle Path											
Engineering	100,000	50,000	50,000	-	-	-	-	-	-	-	50,000
Construction	-	-	-	1,200,000	-	-	-	-	-	-	1,200,000
Incl construction engineering											
TOTAL COSTS	\$ 100,000	\$ 50,000	\$ 50,000	\$ 1,200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,250,000
Proposed Source of Funds											
Developer Deposits	100,000	-	-	200,000	-	-	-	-	-	-	200,000
Potential grant funds - tbd	-	-	-	1,000,000	-	-	-	-	-	-	1,000,000
unfunded	-	50,000	50,000	-	-	-	-	-	-	-	50,000
TOTAL FUNDS	\$ 100,000	\$ 50,000	\$ 50,000	\$ 1,200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,250,000

**Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program**

Project Information

Project Name:	Shoe Factory Road & I-90 Undercrossing Path	Department:	DS - Transp. & Engin.
Project Status:	Retain from Previous CIP	Project Type:	30 - Sidewalks/Curb & Gutter
Location:	AT&T West Drive to Paul Douglas Forest Preserve Bicycle Path	Acct. Number:	36000025-4615
Relationship to Other Projects:			

Description

This project consists of three parts. The first is paving an existing earth path in the Cook County Forest Preserve from IL 59 to the CN right of way. The second piece is to pave an existing gravel access road along the west side of the CN right of way from Shoe Factory Road, going under the I-90 and Hoffman Boulevard bridges on new construction. The third section is to create a path and/or an on-street route on Pratum Avenue and Prairie Stone Parkway in the business park to connect to the Prairie Stone Wellness Center. The Park District and Forest Preserve are funding partners on this project. The Illinois Transportation Enhancement Program (ITEP) federal grant will pay 80% of the cost of the project. The scope of the grant includes all three phases of engineering plus construction. The timing of construction will depend upon CN Agreement and IDOT approvals, coordination with the Illinois Tollway's work on reconstructing and widening I-90, and project development. Phase I design is progressing as is coordination with the Park District and Forest Preserve District; however agreement with the railroad has not been reached (as of mid-2016).

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Shoe Factory / I-90 Undercrossing Path											
Phase I Engineering	-	-	-	-	-	-	-	-	-	-	-
Phase II Engineering	-	-	-	-	-	-	-	-	-	-	-
Construction with Phase III Engineering	400,000	50,000	-	775,000	-	-	-	-	-	-	775,000
TOTAL COSTS	\$ 400,000	\$ 50,000	\$ -	\$ 775,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 775,000
Proposed Source of Funds											
EDA Bond Funds	20,000	12,500	-	38,750	-	-	-	-	-	-	38,750
Hoffman Estates Park District	20,000	12,500	-	38,750	-	-	-	-	-	-	38,750
Cook County Forest Preserve	40,000	25,000	-	77,500	-	-	-	-	-	-	77,500
Federal Funds-ITEP	320,000	-	-	620,000	-	-	-	-	-	-	620,000
TOTAL FUNDS	\$ 400,000	\$ 50,000	\$ -	\$ 775,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 775,000

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Huntington Boulevard Bicycle Path & Route-CMAQ	Department:	DS - Transp. & Engin.
Project Status:	Retain from Previous CIP	Project Type:	30 - Sidewalks/Curb & Gutter
Location:	Huntington Boulevard - Hassell Road to Bode Road	Acct. Number:	36000025-4615
Relationship to Other Projects:			

Description

This project would create a bicycle corridor connection between Hassell Road and Bode Road using the general alignment of Huntington Blvd and Harmon Blvd. Bicycle lane was installed on the section of Huntington Blvd from Hassell to Higgins with resurfacing in 2015. Bike Route designation will be established when Harmon Blvd (from Golf Road to Bode Road) is resurfaced in 2017. The Harmon resurfacing and new construction of the path would be eligible for federal funds through a competitive call for projects. The vacant Huntington Blvd right of way between the Park District parking lot near Higgins Road and Golf Road would be the scope of a separate federal funding application. CMAP requires Phase I engineering be completed without federal funding assistance. Phase I must be substantially complete prior to applying for CMAQ / TAP funds. The Hoffman Estates Park District agreed to split the local match for this project with the Village. If approved in the future, federal funds would pay 80% of the project's construction costs. The local share including the Village portion is shown below.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Huntington Boulevard Bicycle Path and Route											
Phase II engineering	30,000	-	-	30,000	-	-	-	-	-	-	30,000
Phase III construction and engineering	-	-	-	-	-	350,000	-	-	-	-	350,000
TOTAL COSTS	\$ 30,000	\$ -	\$ -	\$ 30,000	\$ -	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ 380,000
Proposed Source of Funds											
Unfunded (Village Funds tbd)	15,000	-	-	15,000	-	35,000	-	-	-	-	50,000
Hoffman Estates Park District	15,000	-	-	15,000	-	35,000	-	-	-	-	50,000
Grant funds -CMAQ / TAP	-	-	-	-	-	280,000	-	-	-	-	280,000
TOTAL FUNDS	\$ 30,000	\$ -	\$ -	\$ 30,000	\$ -	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ 380,000

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Safe Routes to School - former Federal Program	Department:	DS - Transp. & Engin.
Project Status:	Retain from Previous CIP	Project Type:	30 - Sidewalks/Curb & Gutter
Location:	Various locations throughout Village.	Acct. Number:	36000025-4615
Relationship to Other Projects:			

Description

The Federal Transportation legislation eliminated this specific program but allows States the flexibility to allocate portions of their federal funds for Safe Route to School activities. Illinois has created such a program which funds 80% of project costs. Future year listings assume the program is still eligible for federal funds. Examples of projects include physical improvements in public right of way such as signs, sidewalk, etc. while others are program initiatives done by the School. Projects are identified through a cooperative effort with interested schools. To date, there has not been much interest in the program from school districts but new initiatives could be considered if desired.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017 -2024 Only
Various Locations - to be determined with School District	50,000	-	-	50,000	-	50,000	-	50,000	-	50,000	200,000
TOTAL COSTS	\$ 50,000	\$ -	\$ -	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ 50,000	\$ 200,000
Proposed Source of Funds											
Potential Federal grant	40,000	-	-	40,000	-	40,000	-	40,000	-	40,000	160,000
Unfunded	10,000	-	-	10,000	-	10,000	-	10,000	-	10,000	40,000
TOTAL FUNDS	\$ 50,000	\$ -	\$ -	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ 50,000	\$ 200,000

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Intersection Improvements - Signals	Department:	DS - Transp. & Engin.
Project Status:	Retain from Previous CIP	Project Type:	40 - Street Construction
Location:	Various locations throughout Village.	Acct. Number:	29000025-4610
Relationship to Other Projects:			

Description

Intersection improvements include traffic signal installations and/or turn lanes. Projects could also include local share of IDOT and County intersection improvements or signal upgrades. Only Village costs are shown below. IDOT and Cook County periodically propose signal installations, which may require a Village share. Traffic conditions must satisfy State criteria for new signal installation. Other locations may eventually warrant signalization based on increased traffic volumes.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Signal Design - one year in advance	-	-	-	80,000	-	80,000	-	80,000	-	-	240,000
Various signal installations	-	-	-	-	400,000	-	400,000	-	400,000	-	1,200,000
TOTAL COSTS	\$ -	\$ -	\$ -	\$ 80,000	\$ 400,000	\$ 80,000	\$ 400,000	\$ 80,000	\$ 400,000	\$ -	\$ 1,440,000
Proposed Source of Funds											
Unfunded	-	-	-	80,000	400,000	80,000	400,000	80,000	400,000	-	1,440,000
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ 80,000	\$ 400,000	\$ 80,000	\$ 400,000	\$ 80,000	\$ 400,000	\$ -	\$ 1,440,000

Village of Hoffman Estates, Illinois

2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Barrington Rd/Bode Rd Intersection Improvement	Department:	DS - Transp. & Engin.
Project Status:	Retain from Previous CIP	Project Type:	40 - Street Construction
Location:	Barrington Road at Bode Road	Acct. Number:	30 & 35-000025-4626
Relationship to Other Projects:			29000025-4610

Description

The scope is an intersection improvement to provide three through lanes on Barrington Road at Bode, turn lane modification on Bode Road and lights and an upgraded traffic signal at Bode is included. The project would require a preliminary engineering study, design, land acquisition, construction, and construction management. The project is listed in the Northwest Municipal Conference's STP multi-year plan. The local match under STP is typically 20%. In a related project, the State completed a right turn lane on southbound Barrington Road at Bode Road in 2015. The timing and need for the through lane capacity project on Barrington Road would be tied to the nature of new development in the immediate area.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Preliminary Engineering	-	-	-	-	125,000	-	-	-	-	-	125,000
Final Design	-	-	-	-	-	450,000	-	-	-	-	450,000
Construction	-	-	-	-	-	-	1,500,000	-	-	-	1,500,000
Construction Management	-	-	-	-	-	-	200,000	-	-	-	200,000
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ 125,000	\$ 450,000	\$ 1,700,000	\$ -	\$ -	\$ -	\$ 2,275,000
Proposed Source of Funds											
UNFUNDED	-	-	-	-	125,000	450,000	1,700,000	-	-	-	2,275,000
Impact Fees (to be determined)											
Developer contribution (to be determined)											
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ 125,000	\$ 450,000	\$ 1,700,000	\$ -	\$ -	\$ -	\$ 2,275,000

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Beverly Interchange	Department:	DS - Transp. & Engin.
Project Status:	Retain from Previous CIP	Project Type:	40 - Street Construction
Location:	Beverly Road at I-90	Acct. Number:	29000025-4610
Relationship to Other Projects:			

Description

Beverly Road interchange estimated costs for design are shown for the first phase of engineering. There is no current cost estimate for completion of a full interchange at Beverly Road. Property owned by Lifechangers Church has been reserved for a future entrance ramp, but has not been acquired. No concept costs have been determined but an estimate of \$35 million is used for reference at this point. Funding from other sources will be needed.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Phase I Engineering	-	-	-	-	-	-	-	-	2,000,000	-	2,000,000
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000	\$ -	\$ 2,000,000
Proposed Source of Funds											
Unfunded	-	-	-	-	-	-	-	-	2,000,000	-	2,000,000
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000	\$ -	\$ 2,000,000

Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Rt. 59/Hoffman Turn Lane	Department:	EDA
Project Status:	New Request	Project Type:	40 - Street Construction
Location:	Prairie Stone	Acct. Number:	27000025-4621
Relationship to Other Projects:			

Description

The remaining improvements from the KLOA 4 million square foot traffic study would add a dual eastbound right turn lane to southbound Rt. 59. As part of the effort, we would also petition the tollway to change the configuration of the westbound off ramp at Rt. 59 to provide two thru lanes (instead of the one existing).

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Rt. 59/Hoffman Turn Lane	-	-	-	25,000	-	-	-	-	-	-	25,000
TOTAL COSTS	\$ -	\$ -	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000
Proposed Source of Funds											
EDA Bond proceeds	-	-	-	25,000	-	-	-	-	-	-	25,000
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000

Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: SCA Site - Parking Lot Improvements	Department: Sears Centre Arena
Project Status: Retain from Previous CIP	Project Type: 40 - Street Construction
Location: Sears Centre Arena	Acct. Number: 41008024-4507.48
Relationship to Other Projects:	

Description

Parking lot - Widen western entrance to facilitate traffic flow. Parking lot counters would provide accurate car counts for reconciling parking revenues.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Parking lot improvements											
- Parking lot counters	-	-	2,500	-	-	-	-	-	-	-	2,500
- Widen west lot entrance from Prairie Stone Parkway	-	-	-	-	-	9,000	-	-	-	-	9,000
- Drop-off area for handicap	-	-	-	-	10,000	-	-	-	-	-	10,000
- Booths for parking attendants	-	-	-	15,000	-	-	-	-	-	-	15,000
TOTAL COSTS	\$ -	\$ -	\$ 2,500	\$ 15,000	\$ 10,000	\$ 9,000	\$ -	\$ -	\$ -	\$ -	\$ 36,500
Proposed Source of Funds											
Unfunded	-	-	-	15,000	10,000	9,000	-	-	-	-	34,000
SCA Operating Budget	-	-	2,500	-	-	-	-	-	-	-	2,500
TOTAL FUNDS	\$ -	\$ -	\$ 2,500	\$ 15,000	\$ 10,000	\$ 9,000	\$ -	\$ -	\$ -	\$ -	\$ 36,500

**Village of Hoffman Estates, Illinois
2017 - 2024 Capital Improvements Program
Summary of Capital Requests**

Group: Public Buildings (Project Type 60)

Page	Project	Dept	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
100	Construction of Fire Stations	30	-	100,000	-	4,000,000	9,000,000	-	-	-	13,100,000
102	Village Hall Masonry Cleaning	40	-	50,600	-	-	-	-	-	-	50,600
103	Underground Storage Tank Access Ports	40	30,000	-	-	-	-	-	-	-	30,000
104	Replacement of Village Hall Chiller Valves	40	-	-	55,000	-	-	-	120,000	230,000	405,000
105	Roof Replacements	40	-	35,000	-	58,600	-	475,000	-	-	568,600
107	Tuckpointing	40	-	-	40,000	-	-	-	40,000	-	80,000
108	Replacement Boiler Fleet Services	40	-	-	47,000	-	-	-	-	-	47,000
109	Replacement AC Chiller Fire Station 24	40	-	-	-	-	-	-	-	30,000	30,000
110	Replacement Boilers Fire Station 24	40	-	-	-	-	-	-	-	35,000	35,000
111	Camera Syst. Replace. - Municipal Buildings	70	170,000	120,000	-	-	-	430,500	-	-	720,500
112	SCA Interior - Upgrades & Replacements to FF&E	41	5,000	5,000	10,000	10,000	10,000	10,000	10,000	10,000	70,000
113	SCA Interior	41	-	-	-	35,000	35,000	15,000	-	-	85,000
114	SCA Interior - Miscellaneous Building Repairs	41	20,000	-	10,000	-	10,000	-	10,000	-	50,000
115	Food & Beverage - Concession Stands & Kitchen	41	-	55,000	20,000	20,000	20,000	20,000	20,000	20,000	175,000
116	Sports Player Box/Bench Replacement	41	25,000	-	-	-	-	-	-	-	25,000
117	Village Storage Building	41	862,500	-	-	-	-	-	-	-	862,500
	Total Public Buildings:		1,112,500	365,600	182,000	4,123,600	9,075,000	950,500	200,000	325,000	\$ 16,334,200

Department Codes:

- | | |
|-----------------------|------------------------------|
| 10 General Government | 41 Sears Centre Arena |
| 20 Police | 50 Development Services |
| 30 Fire | 60 Economic Development Area |
| 40 Public Works | 70 Information Systems |

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Construction of Fire Stations	Department:	Fire
Project Status:	Retain from Previous CIP - Updated Costs	Project Type:	60 - Public Buildings
Location:	Station 21 & 22	Acct. Number:	36000025-4604
Relationship to Other Projects:			

Description

To relocate Station #21 and replace Station #22. Station #21 relocation initially requested in the 2007 CIP.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Feasibility Study	-	-	-	100,000	-	-	-	-	-	-	100,000
Construction:											
#21	-	-	-	-	-	4,000,000	-	-	-	-	4,000,000
#22	-	-	-	-	-	-	9,000,000	-	-	-	9,000,000
TOTAL COSTS	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ 4,000,000	\$ 9,000,000	\$ -	\$ -	\$ -	\$ 13,100,000
Proposed Source of Funds											
Unfunded	-	-	-	100,000	-	4,000,000	9,000,000	-	-	-	13,100,000
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ 4,000,000	\$ 9,000,000	\$ -	\$ -	\$ -	\$ 13,100,000

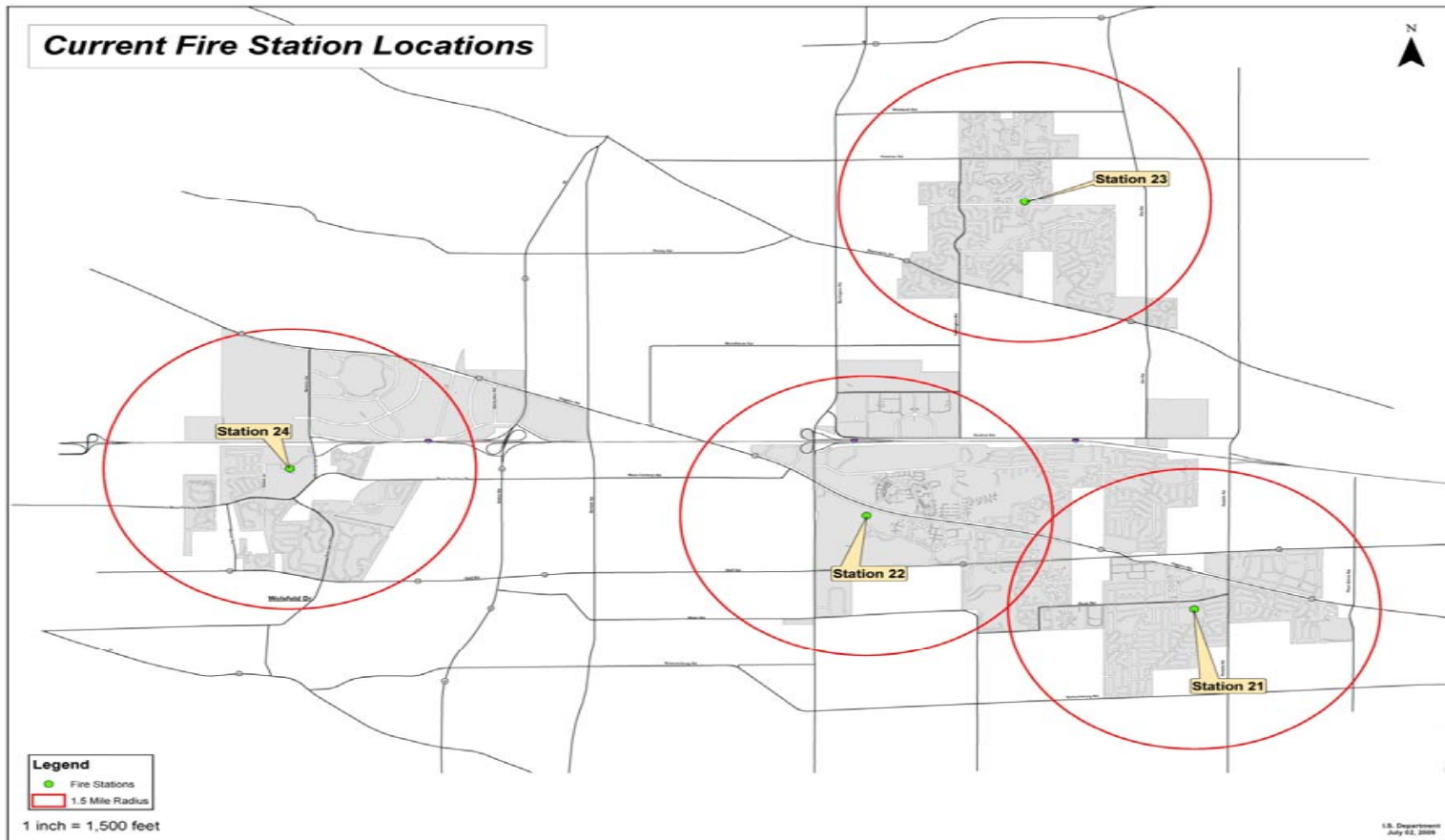
Over the past decade the Fire Department has conducted a number of studies addressing response times throughout the community. In many instances these studies were undertaken as a part of an accreditation process or as part of an ISO evaluation. What was reaffirmed in these studies is the need for a relocation of both station's #21 and #24, to ensure the industry standard of an average of four to six minute response time to all parts of our community. In 2009, the Fire Department moved into our new Station #24 facility. We still have a need to relocate our Station #21.

With respect to Station 21, areas in the Highlands, south of I-90 and east of Jones, would be better served if Station 21 were relocated to a location further north and west from it's current location. The site of the new police department would have been a good site for this relocation; however, now a new site must be identified.

The map on the following page shows a mile and a half radius from each of our four existing fire stations. Notice the areas outside of the circle in station 21's district. These areas present a challenge to the fire department in terms of meeting our goal of a four to six minute emergency response.

Station #22 was built in 1974 and currently houses a minimum of seven personnel daily, many days housing ten or eleven members. The station also houses four front-line responding apparatus and two reserve rigs, leaving no other available space in the station. The station was designed to only house seven to nine members, but with the addition of Ambulance #22 in 2007 (placed in reserve status in 2011), along with the additional manpower, this station became "overcrowded" and with several major renovation and/or maintenance concerns, is in need of being replaced. The additional funding being required to comply with the Village's sprinkler ordinance in 2013 leads to this project needing to be addressed in the very near future.

See next page for additional justification.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Village Hall Masonry Cleaning	Department: PW - Facilities
Project Status: Retain from Previous CIP	Project Type: 60 - Public Buildings
Location: 1900 Hassell Road	Acct. Number: 36000025-4610
Relationship to Other Projects:	

Description

The white masonry exterior of the Village Hall along with its close proximity to the toll way necessitates the periodic cleaning of the brickwork to maintain its bright appearance.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Dry Soda Blasting	-	-	-	50,600	-	-	-	-	-	-	50,600
TOTAL COSTS	\$ -	\$ -	\$ -	\$ 50,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,600
Proposed Source of Funds											
General Fund	-	-	-	50,600	-	-	-	-	-	-	50,600
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ 50,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,600

The Village Hall exterior masonry surface was last cleaned in 2001 using an effective dry soda blasting method. Years of exposure to airborne dust, dirt, and contamination from traffic along I-90 will darken and stain the white masonry sufficiently to require a thorough cleaning by a qualified specialist.

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Underground Storage Tank Access Ports	Department:	Public Works
Project Status:	New Request	Project Type:	60 - Public Buildings
Location:	2405 Pembroke Ave.	Acct. Number:	36000025-4610
Relationship to Other Projects:			

Description

The underground fuel storage tanks located at the Vehicle Maintenance Facility are in need of repair to the access ports. Each port has a spill containment sump. Due to age and settling the containment structure is rusting away on some of the ports. State law requires these containment structures to be in good condition. Estimated cost to remove/replace concrete pad and replace containment sumps and skirts not to exceed \$30,000.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
UST access ports rebuild	-	-	30,000	-	-	-	-	-	-	-	30,000
TOTAL COSTS	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000
Proposed Source of Funds											
General Fund	-	-	30,000	-	-	-	-	-	-	-	30,000
TOTAL FUNDS	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Replacement of Village Hall Chiller Valves	Department:	PW - Facilities
Project Status:	Retain from Previous CIP - Updated Costs	Project Type:	60 - Public Buildings
Location:	1900 Hassell Road	Acct. Number:	36000025-4610
Relationship to Other Projects:			

Description

Installation of automatic valves for proper DDC operations. This sheet replaces the 2013 CIP request for \$145,000 to replace (1) 134 ton chiller.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Replacement of VH Chiller Valves	-	-	-	-	55,000	-	-	-	-	-	55,000
Replacement of VH Chiller	-	-	-	-	-	-	-	-	120,000	130,000	250,000
Replacement of Cooling Tower	-	-	-	-	-	-	-	-	-	100,000	100,000
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ 55,000	\$ -	\$ -	\$ -	\$ 120,000	\$ 230,000	\$ 405,000
Proposed Source of Funds											
General Fund	-	-	-	-	55,000	-	-	-	120,000	230,000	405,000
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ 55,000	\$ -	\$ -	\$ -	\$ 120,000	\$ 230,000	\$ 405,000

The Village Hall cooling system consists of a new rotary screw chiller installed in 2003 and 2 Dunham Bush chillers installed in 1981. The screw chiller is so efficient that the older chillers are now primarily used as backup rather than secondary units. This has extended their useful life expectancy and therefore do not need to be replaced as soon as originally planned. Selected manual valves will also be replaced with automatic actuators and tied into the DDC (Direct Digital Control) to facilitate more efficient operations on the HVAC system. The replacement of one Dunham Bush chiller is due in 2023 with the existing chiller to be replaced in 2026.

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Roof Replacements	Department: PW - Facilities
Project Status: Retain from Previous CIP	Project Type: 60 - Public Buildings
Location: Various	Acct. Number: 36000025-4604
Relationship to Other Projects: None	40407425-4604

Description

Programmed replacements for facilities roofing reaching the end of their usual life.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Fire Station #23 Roof (partial)	-	-	-	35,000	-	-	-	-	-	-	35,000
Fire Station #22 Roof	-	-	-	-	-	58,600	-	-	-	-	58,600
Village Hall Roof	-	-	-	-	-	-	-	475,000	-	-	475,000
TOTAL COSTS	\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ 58,600	\$ -	\$ 475,000	\$ -	\$ -	\$ 568,600
Proposed Source of Funds											
General Fund	-	-	-	35,000	-	58,600	-	317,000	-	-	410,600
Water Sewer Fund	-	-	-	-	-	-	-	158,000	-	-	158,000
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ 58,600	\$ -	\$ 475,000	\$ -	\$ -	\$ 568,600

See next page for additional justification.

Typical roofing service life cycles vary from 13 to 45 years depending upon type of roofing applied. After review of Village facility roofing ages and types, it is necessary to plan the long term replacement

Roof Replacement Program Matrix - Revised for 2014							
Building	Installed	Roofing Type	Historical Life/AM	Extended Life/EM (1)	Min. Replace Year	Sq. Ft.	Replacement Cost (2)
PWC	2015	EPDM	20	23	2035	58,140	245,000
VMB	2015	EPDM	20	23	2035	18,880	155,000
Sta. #1	1994/2015	EPDM/Met	18/15	23/20	2013/2030	4,400	30,000
Sta. #2	1992	BUR	17	20	2009	8,600	58,600
Sta. #3	1991/03	BUR/EPDM	17/18	20/21	2008/2028	5,000	34,840
Sta. #4	2009	Metal	45	50	2054	16,200	98,000
VH	2003/2010	EPDM/Urthane	18/12	23/14	2020	60,600	475,000
PD	2010	Metal/TPO	45/22	50/25	2032	30,000	180,000

NOTES:

(1) Replacements of penetrations at end of warranty can extend life from 5-10 years on EPDM/TPO. The cost of doing this is approximately \$4,000-\$5,000.

(2) Tear-offs can add an additional \$1.25 - \$1.75/sq. ft. to total re-roof costs.

AM - Average Maintenance with no penetrations re-done.

EM - Excellent Maintenance with penetrations re-done.

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Tuckpointing	Department: PW - Facilities
Project Status: Retain from Previous CIP - Updated Costs	Project Type: 60 - Public Buildings
Location: 1900 Hassell Road	Acct. Number: 36000025-4604
Relationship to Other Projects:	

Description

The brick mortar on many Village buildings is in need of tuckpointing to prevent moisture penetration behind it and extend the life of the wall.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Tuckpointing of Village Buildings	40,000	40,000	-	-	40,000	-	-	-	40,000	-	80,000
TOTAL COSTS	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000	\$ -	\$ 80,000
Proposed Source of Funds											
General Fund	40,000	40,000	-	-	40,000	-	-	-	40,000	-	80,000
TOTAL FUNDS	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000	\$ -	\$ 80,000

Inspections of the exterior of Village owned buildings has highlighted areas that will require the removal and replacement of failing mortar joints to protect the walls from moisture penetration and further damage. Earmarked buildings include the Village Hall, Fire Stations 21, 22, 23, and potentially the Public Works facilities. This is an ongoing program of exterior building maintenance.

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Replacement Boiler Fleet Services	Department:	PW - Facilities
Project Status:	New Request	Project Type:	60 - Public Buildings
Location:	2405 Pembroke Ave	Acct. Number:	36000025-4604
Relationship to Other Projects:			40407425-4604

Description

Purchase and replacement of the current fire tube boiler with two high efficiency condensing boilers.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Purchase and installation	-	-	-	-	47,000	-	-	-	-	-	47,000
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ 47,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 47,000
Proposed Source of Funds											
General Fund	-	-	-	-	23,500	-	-	-	-	-	23,500
Bond Issue	-	-	-	-	23,500	-	-	-	-	-	23,500
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ 47,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 47,000

The Public Works Fleet Services fire tube boiler system is original to the building (1991), is approaching the published useful life of 25 years and must be replaced prior to a catastrophic failure. Replacing the old boiler with two smaller commercial condensing boilers will provide failure redundancy, higher efficiency and cleaner boiler emissions.

Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Replacement AC Chiller Fire Station 24	Department: PW - Facilities
Project Status: New Request	Project Type: 60 - Public Buildings
Location: 2405 Pembroke Ave	Acct. Number: 36000025-4604
Relationship to Other Projects:	

Description

Purchase and replacement of the current Chiller Unit.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Purchase and installation	-	-	-	-	-	-	-	-	-	30,000	30,000
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000
Proposed Source of Funds											
General Fund	-	-	-	-	-	-	-	-	-	30,000	30,000
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000

The Fire Station Chiller were installed in 2008 and will reach its useful service life in 2024.

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Replacement Boilers Fire Station 24	Department: PW - Facilities
Project Status: New Request	Project Type: 60 - Public Buildings
Location: 5775 Beacon Pointe	Acct. Number: 36000025-4604
Relationship to Other Projects: None	

Description

Purchase and replacement of the current condensing boilers.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Purchase and installation	-	-	-	-	-	-	-	-	-	35,000	35,000
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$ 35,000
Proposed Source of Funds											
General Fund	-	-	-	-	-	-	-	-	-	35,000	35,000
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$ 35,000

The Fire Station condensing boilers were installed in 2008 and will reach their useful service life in 2024

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Camera Syst. Replace. - Municipal Buildings	Department: Information Systems
Project Status: New Request	Project Type: 60 - Public Buildings
Location: Village wide	Acct. Number: 47008625-4602
Relationship to Other Projects:	

Description

The Village analog camera system is now 14 years old and is obsolete. Three of our four fire stations currently have no cameras systems at all. The Police Department IP camera system is experiencing many software, server and camera issues and must be replaced before a catastrophic failure. The Sears Centre Arena camera system is currently inoperable and a new system needs to be evaluated and recommended. Since the PD system is critical to their operations, their camera will be replaced as a priority in 2016 with the rest of the Village buildings completed in 2017 along with a security consultant evaluation of the Arena needs and installation of a new camera system completed in 2017. The costs for the Arena security cameras is shown on the Sears Centre Arena IT projects worksheet.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Police Bldg Camera Replacement	120,000	120,000	-	-	-	-	-	126,000	-	-	126,000
Village Hall Replacement	-	-	50,000	-	-	-	-	52,500	-	-	102,500
SCA Security Camera Evaluation	-	-	25,000	-	-	-	-	26,250	-	-	51,250
Public Works cameras	-	-	30,000	-	-	-	-	31,500	-	-	61,500
Fleet Cameras	-	-	-	25,000	-	-	-	26,250	-	-	51,250
Fire Stations (4)	-	-	15,000	45,000	-	-	-	63,000	-	-	123,000
SCA Security Cameras	-	-	-	50,000	-	-	-	52,500	-	-	102,500
10 Water/Sewer Sites (\$5,000 ea)	-	-	50,000	-	-	-	-	52,500	-	-	102,500
TOTAL COSTS	\$ 120,000	\$ 120,000	\$ 170,000	\$ 120,000	\$ -	\$ -	\$ -	\$ 430,500	\$ -	\$ -	\$ 720,500
Proposed Source of Funds											
Information Systems Fund Balance	120,000	120,000	120,000	120,000	-	-	-	-	-	-	240,000
IS User Charges	-	-	-	-	-	-	-	126,000	-	-	126,000
Water & Sewer Fund	-	-	50,000	-	-	-	-	52,500	-	-	102,500
Unfunded	-	-	-	-	-	-	-	252,000	-	-	252,000
TOTAL FUNDS	\$ 120,000	\$ 120,000	\$ 170,000	\$ 120,000	\$ -	\$ -	\$ -	\$ 430,500	\$ -	\$ -	\$ 720,500

Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	SCA Interior - Upgrades & Replacements to FF&E	Department:	Sears Centre Arena
Project Status:	Retain from Previous CIP	Project Type:	60 - Public Buildings
Location:	Sears Centre Arena	Acct. Number:	41008024-4507.48
Relationship to Other Projects:			

Description

Necessary FF&E replacements - As with any building that has several hundred thousand visitors each year, certain elements wear out and need replacement. Of the +/- 9,000 fixed seats, repair, reupholstering or replacement is necessary for a percent of the seats each year. A budget of \$10,000/year allows for repair, reupholster, or replacement of 100 seats each year.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Repair/replace 50-100 seats per year	-	1,000	5,000	5,000	10,000	10,000	10,000	10,000	10,000	10,000	70,000
TOTAL COSTS	\$ -	\$ 1,000	\$ 5,000	\$ 5,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 70,000
Proposed Source of Funds											
SCA Operating Budget	-	1,000	5,000	5,000	10,000	10,000	10,000	10,000	10,000	10,000	70,000
TOTAL FUNDS	\$ -	\$ 1,000	\$ 5,000	\$ 5,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 70,000

Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: SCA Interior	Department: Sears Centre Arena
Project Status: Retain from Previous CIP	Project Type: 60 - Public Buildings
Location: Sears Centre Arena	Acct. Number: 41008024-4507.48
Relationship to Other Projects:	

Description

Premium seating - The Loge boxes (Lower Level Suites) were upgraded in 2010 and 2011, with addition of carpet, refrigerators, and electrical outlets for warming trays. In 2016, two new mini-suites were created in the Club Room. In the long term, Lower Level Suites could be enclosed to provide more privacy (similar to upper level Suites). Suites (lower and upper) could be combined to create larger party or super Suites for groups. Several could be combined to create a group seating area to provide "all in" packages.

Building upgrades: Curtaining for the Windy City Bulls games was procured in 2016, and will also benefit certain events.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Lower level conversion to suite (2/year)	-	-	-	-	-	20,000	20,000	-	-	-	40,000
Create super suite (upper or lower)	-	-	-	-	-	15,000	15,000	15,000	-	-	45,000
- combine 3 suites into one large (2/year)											
Sports playing surface	-	63,200	-	-	-	-	-	-	-	-	-
Power upgrade	60,000	-	-	-	-	-	-	-	-	-	-
Half house/back wall curtain	-	35,000	-	-	-	-	-	-	-	-	-
TOTAL COSTS	\$ 60,000	\$ 98,200	\$ -	\$ -	\$ -	\$ 35,000	\$ 35,000	\$ 15,000	\$ -	\$ -	\$ 85,000
Proposed Source of Funds											
SCA Operating Budget	-	-	-	-	-	20,000	20,000	-	-	-	40,000
Unfunded	60,000	-	-	-	-	15,000	15,000	15,000	-	-	45,000
General Fund	-	35,000	-	-	-	-	-	-	-	-	-
Spectra Contribution		63,200									
TOTAL FUNDS	\$ 60,000	\$ 98,200	\$ -	\$ -	\$ -	\$ 35,000	\$ 35,000	\$ 15,000	\$ -	\$ -	\$ 85,000

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: SCA Interior - Miscellaneous Building Repairs	Department: Sears Centre Arena
Project Status: Retain from Previous CIP	Project Type: 60 - Public Buildings
Location: Sears Centre Arena	Acct. Number: 41008024-4507.48
Relationship to Other Projects:	

Description

Building upgrades - Since opening in 2006, the floor on the north and west sides of the building has settled, necessitating mudjacking on two occasions. Additional settlement is likely, and funding to mudjack is suggested on a semi-annual basis. The settling caused a problem with the sanitary line in 2013, but that problem was fixed and has not recurred.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Mudjacking the floor slab	10,000	-	20,000	-	10,000	-	10,000	-	10,000	-	50,000
TOTAL COSTS	\$ 10,000	\$ -	\$ 20,000	\$ -	\$ 10,000	\$ -	\$ 10,000	\$ -	\$ 10,000	\$ -	\$ 50,000
Proposed Source of Funds											
SCA Operating Budget	10,000	-	20,000	-	10,000	-	10,000	-	10,000	-	50,000
TOTAL FUNDS	\$ 10,000	\$ -	\$ 20,000	\$ -	\$ 10,000	\$ -	\$ 10,000	\$ -	\$ 10,000	\$ -	\$ 50,000

Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Food & Beverage - Concession Stands & Kitchen	Department:	Sears Centre Arena
Project Status:	Retain from Previous CIP	Project Type:	60 - Public Buildings
Location:	Sears Centre Arena	Acct. Number:	41008024-4507.48
Relationship to Other Projects:			

Description

The food and beverage contract includes a "2 percent fund", with 2% of gross sales received for food and beverage improvements, beverage sales, and thus revenue to the SCA for furniture, fixtures, and equipment replacement, such as kitchen equipment as items reach the end of their useful life. Over \$60,000 should be available in that fund for 2017.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
F&B equipment replacement (miscellaneous)	-	-	-	-	20,000	20,000	20,000	20,000	20,000	20,000	120,000
F&B equipment replacement - tills	-	25,000	-	-	-	-	-	-	-	-	-
Ice cream machine	-	-	-	15,000	-	-	-	-	-	-	15,000
Expand or second coffee cart	-	-	-	40,000	-	-	-	-	-	-	40,000
TOTAL COSTS	\$ -	\$ 25,000	\$ -	\$ 55,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 175,000
Proposed Source of Funds											
Levy 2% Capital Fund	-	25,000	-	55,000	20,000	20,000	20,000	20,000	20,000	20,000	175,000
TOTAL FUNDS	\$ -	\$ 25,000	\$ -	\$ 55,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 175,000

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Sports Player Box/Bench Replacement	Department:	Sears Centre Arena
Project Status:	New Request	Project Type:	60 - Public Buildings
Location:	Sears Centre Arena	Acct. Number:	
Relationship to Other Projects:			

Description

With the Windy City Bulls playing 24 home games, a quick and cost effective turnover to/from the basketball configuration will be important. Changing the player boxes/benches for hockey to an easier to convert configuration will save money in temporary labor.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Scorer's Table	-	25,000	-	-	-	-	-	-	-	-	-
Replace Player Box/Benches	-	-	25,000	-	-	-	-	-	-	-	25,000
TOTAL COSTS	\$ -	\$ 25,000	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000
Proposed Source of Funds											
Windy City Bulls	-	25,000	-	-	-	-	-	-	-	-	-
Unfunded	-	-	25,000	-	-	-	-	-	-	-	25,000
TOTAL FUNDS	\$ -	\$ 25,000	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000

Village of Hoffman Estates, Illinois

2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Village Storage Building	Department:	Sears Centre Arena
Project Status:	New Request	Project Type:	60 - Public Buildings
Location:	Sears Centre Arena	Acct. Number:	41008024-4507.48
Relationship to Other Projects:			

Description

Upon demolition of old Fire Station 24, the Village will need storage space in the western area for Public Works. The Sears Centre would also benefit from additional storage space. A portion of the Sears Centre suite parking lot could be used for this combined storage facility. Proceeds from the sale of old Fire Station 24 should be adequate for the cost of a new storage building.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Design (15%)	-	-	112,500	-	-	-	-	-	-	-	112,500
Construction	-	-	750,000	-	-	-	-	-	-	-	750,000
TOTAL COSTS	\$ -	\$ -	\$ 862,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 862,500
Proposed Source of Funds											
EDA Bond Proceeds	-	-	862,500	-	-	-	-	-	-	-	862,500
TOTAL FUNDS	\$ -	\$ -	\$ 862,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 862,500

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**Village of Hoffman Estates, Illinois
2017 - 2024 Capital Improvements Program
Summary of Capital Requests**

Group: Miscellaneous Public Improvements (Project Types 00, 20, and 50)

Page	Project	Dept	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
120	Tornado Siren Replacement	20	19,000	20,000	20,000	20,000	21,000	21,000	21,000	21,000	163,000
121	Emerald Ash Borer Response	40	95,000	-	-	-	-	-	-	-	95,000
122	Village Creek Drainage Improvement	40	-	60,000	60,000	60,000	60,000	60,000	60,000	60,000	420,000
125	Village Hall/Police Dept Plantings	40	30,000	30,000	30,000	30,000	30,000	-	-	-	150,000
126	Message Center Board Replacements	40	57,800	57,800	-	-	-	-	-	-	115,600
127	CDBG Projects	50	82,900	91,000	91,000	91,000	91,000	91,000	91,000	91,000	719,900
128	Roselle Road Business District/TIF District	50	1,790,000	-	-	-	-	-	50,000	250,000	2,090,000
129	Stormwater Projects	50	1,060,000	590,750	550,000	620,000	340,000	680,000	420,000	490,000	4,750,750
131	Hoffman Boulevard Bridge Maintenance	50	320,000	79,000	-	4,000	-	4,000	-	4,000	411,000
132	Transit Improvements	50	225,000	250,000	1,000,000	1,000,000	500,000	500,000	500,000	500,000	4,475,000
133	Prairie Stone Signage	60	500,000	300,000	-	-	-	-	-	-	800,000
134	Village Green Improvements	60	25,000	-	-	-	-	-	-	-	25,000
135	Village Green Amphitheater	60	62,000	275,000	-	-	-	-	-	-	337,000
136	Village Green Parking Lot	60	45,000	300,000	-	-	-	-	-	-	345,000
137	SCA-Upgrades to Club Room	41	28,000	-	-	-	-	-	-	-	28,000
138	SCA FF&E	41	230,000	20,000	-	100,000	-	-	-	-	350,000
	Total Miscellaneous Public Improvements:		\$ 4,569,700	\$ 2,073,550	\$ 1,751,000	\$ 1,925,000	\$ 1,042,000	\$ 1,356,000	\$ 1,142,000	\$ 1,416,000	\$ 15,275,250

Department Codes:

- | | |
|-----------------------|------------------------------|
| 10 General Government | 41 Sears Centre Arena |
| 20 Police | 50 Development Services |
| 30 Fire | 60 Economic Development Area |
| 40 Public Works | 70 Information Systems |

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Tornado Siren Replacement	Department:	Police
Project Status:	Replacement of Current Equipment	Project Type:	50 - Other Public Improve.
Location:	Village	Acct. Number:	37000025-4602
Relationship to Other Projects:			

Description

The Village's tornado siren system is aging and some of the units are in need of replacement.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Additional Sirens	19,000	18,950	19,000	20,000	20,000	20,000	21,000	21,000	21,000	21,000	163,000
TOTAL COSTS	\$ 19,000	\$ 18,950	\$ 19,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 21,000	\$ 21,000	\$ 21,000	\$ 21,000	\$ 163,000
Proposed Source of Funds											
General Fund	19,000	18,950	19,000	20,000	20,000	20,000	21,000	21,000	21,000	21,000	163,000
TOTAL FUNDS	\$ 19,000	\$ 18,950	\$ 19,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 21,000	\$ 21,000	\$ 21,000	\$ 21,000	\$ 163,000

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Emerald Ash Borer Response	Department:	PW - Streets
Project Status:	Retain from Previous CIP - Updated Costs	Project Type:	50 - Other Public Improve.
Location:	Various Locations Throughout The Village	Acct. Number:	01404324-4507
Relationship to Other Projects:			01404325-4610

Description

The Village has a parkway tree population of approximately 16,000 trees. Susceptible species of ash account for 5,700 trees or 37% of the total parkway tree population. The projected response time frame is estimated to be four to six years.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Emerald Ash Borer Response (Removals & Replacements)	610,000	580,000	95,000	-	-	-	-	-	-	-	95,000
TOTAL COSTS	\$ 610,000	\$ 580,000	\$ 95,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 95,000
Proposed Source of Funds											
General Fund Fund Balance	610,000	580,000	95,000	-	-	-	-	-	-	-	95,000
TOTAL FUNDS	\$ 610,000	\$ 580,000	\$ 95,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 95,000

In Hoffman Estates, monoculture planting was common decades ago and occurred regularly in older sections of town such as Parcel C, PIE, Highlands, Highpoint and the Winston Knolls subdivision. The purpose for utilization of this method of planting was to create a tunnel like canopy along a street. While aesthetically pleasing, experience has shown that problems occur and increase rapidly when an insect or disease problem is introduced and the pest is provided with an unlimited host source on which to feed, mature and reproduce. This manner of planting is no longer practiced or permitted via ordinance in Hoffman Estates, especially for new developments. Addressing older sections has been limited to replanting of trees that have been removed with a variety of different species to avoid maintaining or increasing this "monoculture" style of planting.

Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Village Creek Drainage Improvement	Department: PW - Streets
Project Status: Retain from Previous CIP	Project Type: 20 - Storm Sewer
Location: Located Throughout the Village	Acct. Number: 42000025-4613
Relationship to Other Projects:	

Description

The 2006-2007 approved CIP funds enabled the 2007 commencement of the annual program that is intended to provide contractual assistance to dredge and clean creeks and ditches, remove dead wood, trim overgrown branches and brush, and to install erosion control plantings, stone and retaining structures. The first phase of the program was to complete Parcel A. The program will continue to cover the entire creek system to remove accumulated deposits of dead wood and tree branches that hang or have fallen into the waterway. Program deferred in 2009, 2010, 2011,2012 and 2013 resulting from budget consideration. It resumed in 2014.

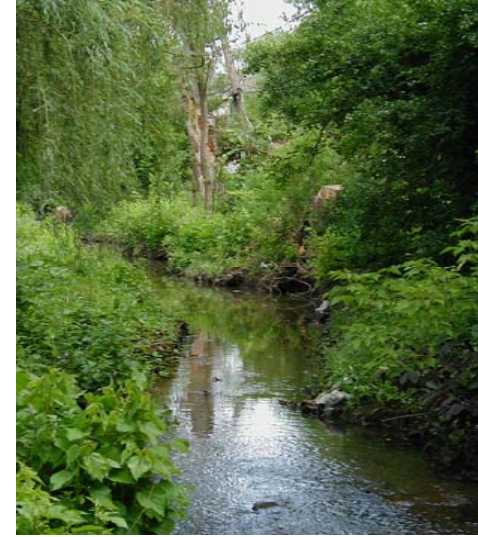
Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Maintenance of Willow Park Creeks	-	-	-	60,000	60,000	60,000	60,000	60,000	60,000	60,000	420,000
TOTAL COSTS	\$ -	\$ -	\$ -	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 420,000
Proposed Source of Funds											
General Fund	-	-	-	60,000	60,000	60,000	60,000	60,000	60,000	60,000	420,000
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 420,000

See next page for additional justification.

To improve drainage flow and reduce likelihood of flooding occurrences.

Village drainage is composed of open swales, ditches and creeks. Street culvert pipes are the only infrastructure components. The accumulated deposits of dead wood and overgrown tree branches often impede creek or channel lies within the homeowners' property, the Village is responsible for mitigating conditions throughout the entire storm drainage system that may cause flooding. Bank stabilization is also needed in some areas to avoid erosion. The MWRD has been working with the Village at an equal level of service previously provided in 2007. It is anticipated that they may again participate in the future.





Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Village Hall/Police Dept Plantings	Department:	PW - Streets
Project Status:	New Request	Project Type:	50 - Other Public Improve.
Location:	Village Hall & Police Department	Acct. Number:	01404424-4516
Relationship to Other Projects:			

Description

Plantings at the Village hall require replacements to improve the appearance of the grounds around the building. Some plantings at the police department also require replacement.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
New/Replacement Plantings	-	-	30,000	30,000	30,000	30,000	30,000	-	-	-	150,000
TOTAL COSTS	\$ -	\$ -	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ -	\$ -	\$ -	\$ 150,000
Proposed Source of Funds											
General Fund	-	-	30,000	30,000	30,000	30,000	30,000	-	-	-	150,000
TOTAL FUNDS	\$ -	\$ -	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ -	\$ -	\$ -	\$ 150,000

In Hoffman Estates, monoculture planting was common decades ago and occurred regularly in older sections of town such as Parcel C, PIE, Highlands, Highpoint and the Winston Knolls subdivision. The purpose for utilization of this method of planting was to create a tunnel like canopy along a street. While aesthetically pleasing, experience has shown that problems occur and increase rapidly when an insect or disease problem is introduced and the pest is provided with an unlimited host source on which to feed, mature and reproduce. This manner of planting is no longer practiced or permitted via ordinance in Hoffman Estates, especially for new developments. Addressing older sections has been limited to replanting of trees that have been removed with a variety of different species to avoid maintaining or increasing this "monoculture" style of planting.

Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Message Center Board Replacements	Department: PW - Streets
Project Status: New Request	Project Type: 50 - Other Public Improve.
Location: c/o Beverly/Shoe factory Rd. & HEPD 911 Higgins Rd.	Acct. Number: 36000025-4610
Relationship to Other Projects:	

Description

Replace two (2) existing monochrome electronic message centers with full color up-to-date message sign system using existing structures and electric at each location.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Message Center (Beverly Rd.)	-	-	-	57,800	-	-	-	-	-	-	57,800
Message Center (HEPD)	-	-	57,800	-	-	-	-	-	-	-	57,800
TOTAL COSTS	\$ -	\$ -	\$ 57,800	\$ 57,800	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 115,600
Proposed Source of Funds											
General Fund	-	-	57,800	57,800	-	-	-	-	-	-	115,600
TOTAL FUNDS	\$ -	\$ -	\$ 57,800	\$ 57,800	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 115,600

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	CDBG Projects	Department:	DS - Administration
Project Status:	Retain from Previous CIP	Project Type:	50 - Other Public Improve.
Location:	Miscellaneous	Acct. Number:	04000025-4610
Relationship to Other Projects:			04000024-4542

Description

In 2017, the Village proposes to use funds from the Community Development Block Grant (CDBG) revenues to administer its single family private property rehabilitation program and to make public facility improvements. Each year, unused funds under the CDBG Program are carried forward along with the new year allocation. CDBG funds are provided to the Village based on the Federal fiscal year, which begins October 1st each year. In program year 2016, the Village anticipates program income in the form of repaid loans from the private property rehabilitation program which will be used as funds during 2017.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Private Property Rehab	91,000	48,000	58,200	91,000	91,000	91,000	91,000	91,000	91,000	91,000	695,200
Public Facilities- 640 IL Blvd.	24,000	24,000	24,700	-	-	-	-	-	-	-	24,700
TOTAL COSTS	\$ 115,000	\$ 72,000	\$ 82,900	\$ 91,000	\$ 91,000	\$ 91,000	\$ 91,000	\$ 91,000	\$ 91,000	\$ 91,000	\$ 719,900
Proposed Source of Funds											
CDBG Grant	115,000	115,000	82,900	91,000	91,000	91,000	91,000	91,000	91,000	91,000	719,900
Income from CDBG program	-	25,000	-	-	-	-	-	-	-	-	-
TOTAL FUNDS	\$ 115,000	\$ 140,000	\$ 82,900	\$ 91,000	\$ 91,000	\$ 91,000	\$ 91,000	\$ 91,000	\$ 91,000	\$ 91,000	\$ 719,900

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Roselle Road Business District/TIF District	Department:	DS - Roselle TIF
Project Status:	Retain from Previous CIP	Project Type:	50 - Other Public Improve.
Location:	Roselle Rd from Golf-Bode. Includes Golf Ctr & Hoffman Plaza	Acct. Number:	62000024-4507
Relationship to Other Projects:			

Description

There are several capital projects under analysis and development for the Golf Center and Hoffman Plaza shopping centers. The storm sewer replacement has been contemplated for several years. New ownership of Hoffman Plaza provides a redevelopment opportunity using TIF funds, primarily from the sale of the 75/85 Golf Road parcels.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Roselle Road signal	-	323,000	-	-	-	-	-	-	-	-	-
Storm sewer	-	-	900,000	-	-	-	-	-	-	-	900,000
Redevelopment of commercial properties	-	-	890,000	-	-	-	-	-	50,000	250,000	1,190,000
TOTAL COSTS	\$ -	\$ 323,000	\$ 1,790,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 250,000	\$ 2,090,000
Proposed Source of Funds											
Roselle Rd TIF Fund*	-	323,000	900,000	-	-	-	-	-	50,000	250,000	1,200,000
Roselle Rd TIF Fund proceeds from sale of 75/85 Golf Rd	-	-	890,000	-	-	-	-	-	-	-	890,000
TOTAL FUNDS	\$ -	\$ 323,000	\$ 1,790,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 250,000	\$ 2,090,000

Business District Culvert Replacement (former Shell, former Burger King, and Hoffman Plaza sites)

The project will replace an old corrugated metal pipe that is in need of replacement. The culvert replacement should occur in 2017 in conjunction with redevelopment of the southern portion of Hoffman Plaza.

Redevelopment of Properties

Funds are projected to be available prior to expiration of this TIF to respond to development opportunities that arise. Partnerships with owners would create more modern shopping centers with selected redevelopment (rehabilitation, demolition, and new structures) better suited to current shopping needs.

*May require a short term loan from the General Fund or Stormwater Fund until TIF revenues catch up.

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Name: Stormwater Projects	Department: DS - Transp. & Engin.
Project Status: Retain from Previous CIP	Project Type: 20 - Storm Sewer
Location: Various locations throughout Village.	Acct. Number: 42001025-4613 (1)
Relationship to Other Projects:	42001025-4613 (2)

Description

The new stormwater utility fee allows an expanded Stormwater Management Program to replace existing storm sewers due to limited capacity and poor condition. Replacement will reduce future maintenance costs. Project costs consist of design, permitting, construction engineering and construction. It is cost effective to replace the storm sewers before maintenance requirements become too high. A storm sewer analysis has determined priorities and needs. Cost savings can be realized for locations which can be incorporated into the street project.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Annual Drainage Improvements	25,000	30,000	60,000	50,000	50,000	20,000	50,000	50,000	50,000	50,000	380,000
Storm Sewer Assessment	100,000	210,000	-	-	-	-	-	-	-	-	-
Berkley Lane, Chandler Lane	-	-	1,000,000	-	-	-	-	-	-	-	1,000,000
Future Storm Sewer Projects	-	-	-	540,750	500,000	600,000	290,000	630,000	370,000	440,000	3,370,750
TOTAL COSTS	\$ 125,000	\$ 240,000	\$ 1,060,000	\$ 590,750	\$ 550,000	\$ 620,000	\$ 340,000	\$ 680,000	\$ 420,000	\$ 490,000	\$ 4,750,750
Proposed Source of Funds											
Stormwater Utility Fee (1)	25,000	30,000	1,060,000	590,750	550,000	620,000	340,000	680,000	420,000	490,000	4,750,750
Bond Issue (2)	100,000	210,000	-	-	-	-	-	-	-	-	-
TOTAL FUNDS	\$ 125,000	\$ 240,000	\$ 1,060,000	\$ 590,750	\$ 550,000	\$ 620,000	\$ 340,000	\$ 680,000	\$ 420,000	\$ 490,000	\$ 4,750,750

See next page for additional justification.

This is an example of a
culvert in need of
replacement.



Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Hoffman Boulevard Bridge Maintenance	Department: DS - Transp. & Engin.
Project Status: Retain from Previous CIP	Project Type: 50 - Other Public Improve.
Location: Various	Acct. Number: 24000024-4542
Relationship to Other Projects:	

Description

Maintenance of the Hoffman Bridge includes bridge deck, parapet walls, sidewalk., replacement of the expansion joints, bridge deck sealing and concrete patching among other maintenance actions . This program also includes periodic bridge inspections and reports as required by IDOT. The 2016 bridge inspection identified the short term need to replace the north parapet wall and long-term maintenance strategy with specific improvements for future years.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
IDOT Required Bridge Inspection	-	3,000	-	4,000	-	4,000	-	4,000	-	4,000	16,000
North Parapet Wall Repair	100,000	-	320,000	-	-	-	-	-	-	-	320,000
includes engineering											
Bridge deck seal	-	-	-	75,000	-	-	-	-	-	-	75,000
TOTAL COSTS	\$ 100,000	\$ 3,000	\$ 320,000	\$ 79,000	\$ -	\$ 4,000	\$ -	\$ 4,000	\$ -	\$ 4,000	\$ 411,000
Proposed Source of Funds											
Hoffman Bridge Maintenance Fund	100,000	3,000	320,000	4,000	-	4,000	-	4,000	-	4,000	336,000
Unfunded	-	-	-	75,000	-	-	-	-	-	-	75,000
TOTAL FUNDS	\$ 100,000	\$ 3,000	\$ 320,000	\$ 79,000	\$ -	\$ 4,000	\$ -	\$ 4,000	\$ -	\$ 4,000	\$ 411,000

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Transit Improvements	Department: DS - Transp. & Engin.
Project Status: Retain from Previous CIP	Project Type: 50 - Other Public Improve.
Location: Various	Acct. Number: 29000025-4610
Relationship to Other Projects:	

Description

The 2013 transit study identified operational plans and priorities for new and expanded services in the Village. Pace will be constructing a new Park & Ride to serve transit stops on I-90 at Barrington Road. Local bus service via a circulator or Call & Ride program is being evaluated by Pace. A shuttle and Call and Ride circulator service may be implemented by Pace to serve the express bus stops, Park and Ride, and Kiss and Ride on I-90 at Barrington Road. The expected start-up for these new services is mid-2017. As part of the Tollway's widening and reconstruction, Pace will have room to operate a bus on the inside lane or shoulder of I-90. Ultimately a high capacity transit service such as Bus Rapid Transit with stations or commuter rail such as the STAR Line concept may be warranted. Costs shown below represent a share of the operating costs for new transit services as identified in the Flexible Transit Service Operations Plan completed in 2013. The Village Transit Improvement Task Force is reviewing options for additional service and programs. At present, Pace has not requested funding assistance for any new service.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Station development costs - 2 locations property & access easements	-	-	-	-	500,000	500,000	-	-	-	-	1,000,000
RTA study recommendations Phased implementation	225,000	-	225,000	250,000	500,000	500,000	500,000	500,000	500,000	500,000	3,475,000
TOTAL COSTS	\$ 225,000	\$ -	\$ 225,000	\$ 250,000	\$ 1,000,000	\$ 1,000,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 4,475,000
Proposed Source of Funds											
NWMC STP funds	-	-	-	-	500,000	500,000	-	-	-	-	1,000,000
Unfunded - transit needs tbd	225,000	-	225,000	250,000	500,000	500,000	500,000	500,000	500,000	500,000	3,475,000
TOTAL FUNDS	\$ 225,000	\$ -	\$ 225,000	\$ 250,000	\$ 1,000,000	\$ 1,000,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 4,475,000

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Prairie Stone Signage	Department:	EDA
Project Status:	New Request	Project Type:	50 - Other Public Improve.
Location:	Prairie Stone	Acct. Number:	27000025-4621
Relationship to Other Projects:			

Description

The Village asked Hitchcock Design Group to create concepts for Prairie Stone 59/90 entry signage. They estimated it would cost \$150,000 each for three entry signs and this may be an opportunity to partner with Prairie Stone businesses. There is an additional cost for electronic messaging, if desired, and cost depends on complexity and size of the signs. The Route 59/Hoffman Blvd. intersection is the highest priority with Prairie Stone Parkway/Route 72 and Beverly Road/Prairie Stone Parkway following. Design efforts were initiated in 2015, in anticipation of construction of one or more signs in 2016.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Prairie Stone/59-90 Signage											
Perm signs at 3 main entrances	400,000	250,000	500,000	300,000	-	-	-	-	-	-	800,000
w/ electric messaging	100,000	-	-	-	-	-	-	-	-	-	-
Hoffman Blvd Bridge Signs	75,000	-	-	-	-	-	-	-	-	-	-
Gateway/Sign Structure over Hoffman Blvd	50,000	-	-	-	-	-	-	-	-	-	-
TOTAL COSTS	\$ 625,000	\$ 250,000	\$ 500,000	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 800,000
Proposed Source of Funds											
EDA Bond proceeds	625,000	250,000	-	300,000	-	-	-	-	-	-	300,000
Fire Station Sale Proceeds	-	-	500,000	-	-	-	-	-	-	-	500,000
TOTAL FUNDS	\$ 625,000	\$ 250,000	\$ 500,000	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 800,000

**Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program**

Project Information

Project Name:	Village Green Improvements	Department:	EDA
Project Status:	New Request	Project Type:	50 - Other Public Improve.
Location:	Prairie Stone	Acct. Number:	27000025-4621
Relationship to Other Projects:			

Description

Phase I included widening of sidewalks, addition of grass pavers, Prairie Stone Parkway cross walks to and from Sears Centre Arena, water/sewer extensions . Phase II could add electrical capacity and outlets, lighting, signage, and concrete pads for 4th of July festival or other Village events.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Phase II	25,000	-	25,000	-	-	-	-	-	-	-	25,000
TOTAL COSTS	\$ 25,000	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000
Proposed Source of Funds											
EDA Bond proceeds	25,000	-	25,000	-	-	-	-	-	-	-	25,000
TOTAL FUNDS	\$ 25,000	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Village Green Amphitheater	Department:	EDA
Project Status:	New Request	Project Type:	50 - Other Public Improve.
Location:	Virginia Mary Hayter Village Green	Acct. Number:	27000025-4621
Relationship to Other Projects:	None		

Description

The Village Green Amphitheater opened in 1994 with a tent over the stage for performers. The tent from Anchor Industries was anticipated to last 8-10 years, and has been replaced twice, most recently in 2010 (at a cost of \$11,200). A wind storm in late July caused severe damage to the tent and to several of the aluminum support poles. Replacement of the tent with a permanent structure has been suggested. If the Village proceeds with this option, an architect could be hired to explore the feasibility, provide some design concepts, and preliminary cost estimates based on a preferred design. Other options would provide a less permanent solution, but also at a lower cost, such as repairing or replacing the current tent and poles (\$7500 up to \$11,000). The costs listed below assume a permanent structure with the feasibility/design in 2017 and construction in 2018. IF the tent is repaired or replaced, that could happen over the winter and be ready for the 2017 Summer Concerts.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Feasibility Study	-	-	10,000	-	-	-	-	-	-	-	10,000
Final Design	-	-	52,000	-	-	-	-	-	-	-	52,000
Construction	-	-	-	275,000	-	-	-	-	-	-	275,000
TOTAL COSTS	\$ -	\$ -	\$ 62,000	\$ 275,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 337,000
Proposed Source of Funds											
EDA Bond Fund	-	-	62,000	275,000	-	-	-	-	-	-	337,000
TOTAL FUNDS	\$ -	\$ -	\$ 62,000	\$ 275,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 337,000

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Village Green Parking Lot	Department:	EDA
Project Status:	New Request	Project Type:	50 - Other Public Improve.
Location:	Virginia Mary Hayter Village Green	Acct. Number:	27000025-4621
Relationship to Other Projects:	None		

Description

The project will design and construct a new parking lot along the south edge of the Village Green near Prairie Stone Parkway. The design guidelines and specifics will be determined through a review of needs for the area. Main goals at this time are to provide parking closer to the Village Green to supplement existing spaces such as for handicapped patrons, facilitate some additional parking for the Sears Centre events when needed, improve pedestrian connectivity to the amphitheater, plus to help with wayfinding and identification of the Village Green location. Coordination with groups such as the Arts Commission, Fourth of July, Platzkonzert, among others will be needed and may identify additional goals / features. Services of a consultant for design will be required. The construction cost estimate will be updated based on the findings of the scope of work, elements of the design, and plan development.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Design	-	-	45,000	-	-	-	-	-	-	-	45,000
Construction	-	-	-	300,000	-	-	-	-	-	-	300,000
TOTAL COSTS	\$ -	\$ -	\$ 45,000	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 345,000
Proposed Source of Funds											
EDA Bond Fund	-	-	45,000	300,000	-	-	-	-	-	-	345,000
TOTAL FUNDS	\$ -	\$ -	\$ 45,000	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 345,000

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	SCA-Upgrades to Club Room	Department:	Sears Centre Arena
Project Status:	Retain from Previous CIP - Updated Costs	Project Type:	00 - Miscellaneous
Location:	Sears Centre Arena	Acct. Number:	41008024-4507.48
Relationship to Other Projects:			

Description

The existing Club Room is underutilized and the original concept for using the Club area no longer applies. Two mini suites were created in 2016. To open it up, make it a more appealing space, and more usable for the events at the SCA, we propose to replace the carpet, add/replace lighting, move the bar from the middle of the room to the back wall, remove the glass wall and doors at the west end, and improve the decor.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Club area upgrades	50,000	22,000	-	-	-	-	-	-	-	-	-
Phase I - Expand existing concession	-	43,350	-	-	-	-	-	-	-	-	-
Phase II - Move the bar	-	30,000	-	-	-	-	-	-	-	-	-
Phase III - Carpet	-	28,650	-	-	-	-	-	-	-	-	-
Phase IV - Lighting	-	-	18,000	-	-	-	-	-	-	-	18,000
Phase V-Redo Dropped Ceiling	-	-	10,000	-	-	-	-	-	-	-	10,000
TOTAL COSTS	\$ 50,000	\$ 124,000	\$ 28,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28,000
Proposed Source of Funds											
Unfunded	50,000	-	28,000	-	-	-	-	-	-	-	28,000
Global Spectrum Rebate	-	22,000	-	-	-	-	-	-	-	-	-
Levy 2% Fund	-	73,350	-	-	-	-	-	-	-	-	-
General Fund	-	28,650	-	-	-	-	-	-	-	-	-
TOTAL FUNDS	\$ 50,000	\$ 124,000	\$ 28,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28,000

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: SCA FF&E	Department: Sears Centre Arena
Project Status: Retain from Previous CIP - Updated Costs	Project Type: 00 - Miscellaneous
Location: Sears Centre Arena	Acct. Number: 41008024-4507.48
Relationship to Other Projects:	

Description

Replace sports lights with energy efficient LED lights. The energy and maintenance savings will allow for payback in less than 10 years. Potential energy grants would improve the payback. Back of house upgrades and new scorer's table for Windy City Bulls. Replacement of traffic cones, etc. used by Police Department for traffic control at events. The new year-old HVAC system needs maintenance to ensure a properly functioning system.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Replace sports lights control system	-	-	-	-	-	100,000	-	-	-	-	100,000
Replace sports lights	-	-	215,000	-	-	-	-	-	-	-	215,000
Traffic cones	-	-	-	-	-	-	-	-	-	-	-
Replace Concourse lights	-	-	-	20,000	-	-	-	-	-	-	20,000
Replace HVAC Controls	-	16,000	-	-	-	-	-	-	-	-	-
HVAC Repairs/Replacements	-	-	15,000	-	-	-	-	-	-	-	15,000
TOTAL COSTS	\$ -	\$ 16,000	\$ 230,000	\$ 20,000	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 350,000
Proposed Source of Funds											
Grants (estimated)	-	-	115,000	-	-	-	-	-	-	-	115,000
Unfunded	-	-	115,000	20,000	-	100,000	-	-	-	-	235,000
SCA Operating Budget	-	16,000	-	-	-	-	-	-	-	-	-
TOTAL FUNDS	\$ -	\$ 16,000	\$ 230,000	\$ 20,000	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 350,000

Village of Hoffman Estates, Illinois
2017- 2024 Capital Improvements Program
Summary of Capital Requests
Group: Equipment (Project Types 80 and 90)

Page	Project	Dept	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
143	Village-Wide Radio Replacement	10	187,890	187,890	78,290	-	-	-	-	-	454,070
144	Replacement of Video Systems	10	50,000	30,000	75,000	105,000	20,000	40,000	-	-	320,000
145	Copier Replacement Program	10	-	84,000	-	-	-	-	94,080	-	178,080
146	Patrol Vehicles	20	259,600	287,300	287,300	325,300	287,300	299,300	299,300	337,300	2,382,700
148	Vehicles - Investigations Division	20	-	-	40,000	-	-	40,000	-	-	80,000
149	Emergency Overhead Lighting Systems	20	11,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	95,000
150	Traffic Section Vehicle	20	36,400	-	37,900	-	37,900	-	37,900	-	150,100
151	Administrative Vehicles	20	-	34,000	36,400	36,400	36,400	36,400	38,400	38,400	256,400
152	Thermal Imaging Cameras (TIC)	30	100,000	-	-	-	-	-	-	-	100,000
153	Protective Clothing	30	42,500	42,500	45,000	45,000	47,500	47,500	50,000	50,000	370,000
154	Apparatus Refurbishment Program	30	-	-	-	-	76,000	-	-	-	76,000
155	Fitness Equipment at Fire Stations	30	30,000	-	30,000	-	30,000	-	30,000	-	120,000
156	Reserve Engine 21 (RE21)	30	576,600	-	-	-	-	-	-	-	576,600
157	Fire Car 7	30	53,750	-	-	-	-	-	-	-	53,750
158	Fire Car 2	30	-	46,000	-	-	-	-	-	-	46,000
159	Self Contained Breathing Apparatus Replacement	30	517,020	-	-	-	-	-	-	-	517,020
160	SCBA Compressor Replacement	30	-	48,000	-	-	-	-	-	-	48,000
161	Reserve Ambulance 21 (RA21)	30	-	328,350	-	-	-	-	-	-	328,350
162	Fire Car #3	30	-	58,600	-	-	-	-	-	-	58,600
163	Reserve Ambulance 24 (RA24)	30	-	-	336,200	-	-	-	-	-	336,200
164	Fire Car 6	30	-	-	43,350	-	-	-	-	-	43,350
165	Reserve Ambulance 23 (RA23)	30	-	-	-	342,100	-	-	-	-	342,100
166	Fire Car 1	30	-	-	-	42,250	-	-	-	-	42,250
167	Reserve Truck 24	30	-	-	-	-	-	1,634,500	-	-	1,634,500
168	Reserve Engine 23 (RE23)	30	-	-	-	-	-	-	688,800	-	688,800
169	Reserve Engine 21 (E24)	30	-	-	-	-	-	-	-	709,200	709,200
170	Truck 24 (T24)	30	-	-	-	-	-	-	-	1,836,200	1,836,200
171	PCMS Message Boards	40	19,000	19,570	20,150	20,760	21,380	-	-	-	100,860
172	Sidewalk Tractor	40	50,000	-	-	-	-	-	-	-	50,000
173	Dump Truck Unit #4	40	-	173,760	-	-	-	-	-	-	173,760
174	Dump Truck Unit #11	40	-	173,760	-	-	-	-	-	-	173,760
175	Dump Truck Unit #13	40	173,760	-	-	-	-	-	-	-	173,760
176	Dump Truck Unit #14	40	173,760	-	-	-	-	-	-	-	173,760

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Village of Hoffman Estates, Illinois
2017- 2024 Capital Improvements Program
Summary of Capital Requests
Group: Equipment (Project Types 80 and 90)

Page	Project	Dept	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
177	40 Ft. Aerial Lift Truck Unit #54	40	143,770	-	-	-	-	-	-	-	143,770
178	GrappleTruck Unit #80	40	-	149,600	-	-	-	-	-	-	149,600
179	Pavement Roller Unit #51	40	-	52,340	-	-	-	-	-	-	52,340
180	2.5 Ton HD Dump Truck	40	-	-	180,980	-	-	-	-	-	180,980
181	4x4 Pick-up Truck	40	-	-	44,750	-	-	-	-	-	44,750
182	Branch/Brush Chipper Unit #126	40	-	78,000	-	-	-	-	-	-	78,000
183	Dump Truck Unit #5	40	-	178,980	-	-	-	-	-	-	178,980
184	4x4 Crew Cab Pick-up Unit #33	40	-	38,390	-	-	-	-	-	-	38,390
185	4x4 Mini Dump Truck, Unit #49	40	-	54,860	-	-	-	-	-	-	54,860
186	4x4 Crew Cab Pick-up Unit #97	40	-	38,390	-	-	-	-	-	-	38,390
187	Insulated Diesel Exhaust Fluid Cabinet	40	-	30,000	-	-	-	-	-	-	30,000
188	4x4 Pick-Up Truck, Unit #22	40	-	-	43,140	-	-	-	-	-	43,140
189	Mini-Dump Truck Unit #41	40	-	-	47,130	-	-	-	-	-	47,130
190	4x4 Mini-Dump Truck Unit #48	40	-	-	47,130	-	-	-	-	-	47,130
191	Tractor/Mower Unit #144	40	-	-	41,900	-	-	-	-	-	41,900
192	Dump Truck Unit #6	40	-	-	184,190	-	-	-	-	-	184,190
193	Dump Truck Unit #7	40	-	-	184,190	-	-	-	-	-	184,190
194	4X4 Pick Up Truck Unit #38	40	-	-	40,290	-	-	-	-	-	40,290
195	4x4 Stake Body Crew Cab Truck, Unit #64	40	-	-	62,560	-	-	-	-	-	62,560
196	4x4 Pick-up Truck Unit #31	40	-	-	-	39,470	-	-	-	-	39,470
197	4x4 Pick-up Truck Unit #36	40	-	-	-	39,470	-	-	-	-	39,470
198	4x4 Stake Body Truck, Unit #43	40	-	-	-	51,300	-	-	-	-	51,300
199	Dump Truck Unit #16	40	-	-	-	-	194,620	-	-	-	194,620
200	4x4 Pick-up Truck Unit #30	40	-	-	-	-	50,120	-	-	-	50,120
201	4x4 Pick-up Truck Unit #32	40	-	-	-	-	40,560	-	-	-	40,560
202	4x4 Pick-up Truck Unit #39	40	-	-	-	-	40,560	-	-	-	40,560
203	Front End Loader Unit #50	40	-	-	-	-	186,000	-	-	-	186,000
204	4x4 Pick-Up Truck Unit #37	40	-	-	-	-	-	43,710	-	-	43,710
205	Service Van #92	40	-	-	-	-	-	26,850	-	-	26,850
206	4x4 Mini Dump Truck Unit #46	40	-	-	-	-	-	91,450	-	-	91,450
207	4x4 Stake Body Truck, Unit #44	40	-	-	-	-	-	-	63,650	-	63,650
208	Sign Truck Stake Body 2 WD Truck Unit #47	40	-	-	-	-	-	-	150,500	-	150,500
209	Tandem Axle Dump Truck Unit #17	40	-	-	-	-	-	-	-	220,000	220,000

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Village of Hoffman Estates, Illinois
2017- 2024 Capital Improvements Program
Summary of Capital Requests
Group: Equipment (Project Types 80 and 90)

Page	Project	Dept	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
210	Backhoe/Loader 4x4 Tractor Unit #56	40	150,000	-	-	-	-	-	-	-	150,000
211	100KW Portable Generator Unit #309	40	-	63,600	-	-	-	-	-	-	63,600
212	Fork-Lift Truck Unit #303	40	-	30,570	-	-	-	-	-	-	30,570
213	Sky Jack Scissors Lift Unit #301	40	-	29,000	-	-	-	-	-	-	29,000
214	4x4 Pick-Up Truck w Plow Unit #27	40	-	-	43,810	-	-	-	-	-	43,810
215	4x4 Pick-Up Truck w Plow Unit #63	40	-	-	43,810	-	-	-	-	-	43,810
216	4x2 heavy Duty ServiceTruck Unit #20	40	-	-	-	130,450	-	-	-	-	130,450
217	4x4 Pick-Up Truck w Plow Unit #26	40	-	-	-	45,030	-	-	-	-	45,030
218	4x4 Pick-up Utility Truck Unit #70	40	-	-	-	45,030	-	-	-	-	45,030
219	4x2 3/4 Ton Pick-Up Truck Unit #18	40	-	-	-	-	47,330	-	-	-	47,330
220	4x2 Mini-Pick-Up Truck Unit #25	40	-	-	-	-	29,210	-	-	-	29,210
221	4x4 Mini Dump Truck Unit #61	40	-	-	-	-	88,780	-	-	-	88,780
222	4x2 Mini Pick-Up Truck Unit #77	40	-	-	-	-	29,210	-	-	-	29,210
223	4x4 Pick-Up Truck w Plow Unit #19	40	-	-	-	-	-	68,470	-	-	68,470
224	4x2 Full Size Service Van Unit #28	40	-	-	-	-	-	33,200	-	-	33,200
225	4x4 Flat Bed Truck Unit #62	40	-	-	-	-	-	55,710	-	-	55,710
226	4x4 Mini SUV Unit # 23	40	-	-	-	-	-	40,720	-	-	40,720
227	Semi Tractor Truck & Dump Trailer Unit #68	40	-	-	-	-	-	196,000	-	-	196,000
228	4x2 Pick Up Truck, Unit #21	40	-	-	-	-	-	-	23,750	-	23,750
229	4x2 1/2 Ton Pick-Up Truck Unit #24	40	-	-	-	-	-	-	42,500	-	42,500
230	Utility Van; Unit #60	40	-	-	-	-	-	-	-	75,000	75,000
231	Code Enforcement Division Vehicles	40	20,600	29,380	64,890	15,280	-	-	-	-	130,150
232	Transportation/Engineering Vehicle Replacement	40	-	30,000	30,000	-	-	-	-	-	60,000
	Total Equipment:		\$ 2,595,650	\$ 2,328,840	\$ 2,100,360	\$ 1,294,840	\$ 1,274,870	\$ 2,665,810	\$ 1,530,880	\$ 3,278,100	\$ 17,069,350

EQUIPMENT REPLACEMENT GUIDELINES

Over the last several years, we have attempted to replace our equipment in accordance with the guidelines indicated below. These guidelines have been used in planning for the replacement of equipment as reflected in this CIP.

<u>Classification</u>	<u>Useful Life (Years)</u>	or	<u>Useful Life (Miles)</u>
Automobiles	10	or	100,000
4 x 2 Trucks	9	or	100,000
4 x 4 Trucks (w/ snowplow)	8	or	60,000
4 x 4 Trucks (w/o snowplow)	10	or	100,000
2.5 Ton Dump Trucks	15	or	90,000
Tandem Axle Dump Trucks	15	or	90,000
Equipment Trailers	15		-
Step Vans	15	or	100,000
Endloaders	15		-
Backhoes	15		-
Compact Loaders	10		-
Compressors	14		-

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Village-Wide Radio Replacement	Department:	General Government
Project Status:	Replacement of Current Equipment	Project Type:	90 - Non-automotive Equip
Location:	All Facilities and Departments	Acct. Number:	37000025-4602
Relationship to Other Projects:	None		

Description

Complete replacement of Village-wide radio equipment, originally purchased in 1998 Radio replacement purchased in 2012, which includes a lease agreement to expire in May of 2019.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Complete Radio Replacement	187,890	187,890	187,890	187,890	78,290	-	-	-	-	-	454,070
TOTAL COSTS	\$ 187,890	\$ 187,890	\$ 187,890	\$ 187,890	\$ 78,290	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 454,070
Proposed Source of Funds											
General Fund	81,960	61,470	81,960	81,960	34,010	-	-	-	-	-	197,930
Water & Sewer Fund	16,800	16,800	16,800	16,800	8,060	-	-	-	-	-	41,660
Capital Replacement Fund	-	39,740	-	-	-	-	-	-	-	-	-
Asset Seizure Fund, Federal	89,130	69,880	89,130	89,130	36,220	-	-	-	-	-	214,480
TOTAL FUNDS	\$ 187,890	\$ 187,890	\$ 187,890	\$ 187,890	\$ 78,290	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 454,070

Village of Hoffman Estates, Illinois

2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Replacement of Video Systems	Department:	General Government
Project Status:	New Request	Project Type:	90 - Non-automotive Equip
Location:	Cable TV Office	Acct. Number:	37000025-4602
Relationship to Other Projects:	None		

Description

This is a plan to replace the technology that produces and televises Village video programming on HETV Channel 6. The server is PC based and should be scheduled for replacement every five years. The editing systems are Mac based and replacements are scheduled on a similar schedule to keep up with changes in audio/video formats and resultant increased memory and processing requirements for the computers.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Replacement of video editing systems	-	-	50,000	-	-	-	-	40,000	-	-	90,000
Replacement of video server HD capable	-	-	-	-	-	40,000	-	-	-	-	40,000
Replacement of Board Room Systems	-	-	-	30,000	75,000	65,000	20,000	-	-	-	190,000
TOTAL COSTS	\$ -	\$ -	\$ 50,000	\$ 30,000	\$ 75,000	\$ 105,000	\$ 20,000	\$ 40,000	\$ -	\$ -	\$ 320,000
Proposed Source of Funds											
General Fund (from PEG Fees)	-	-	50,000	30,000	75,000	105,000	20,000	40,000	-	-	320,000
TOTAL FUNDS	\$ -	\$ -	\$ 50,000	\$ 30,000	\$ 75,000	\$ 105,000	\$ 20,000	\$ 40,000	\$ -	\$ -	\$ 320,000

- 2017 will be the replacement of the editing systems and shared audio/video storage.
- 2018 starts the replacement cycle for the Board Room equipment with the audio system (amps, mics, etc)
- 2019 continues the Board Room replacment with the video production equipment for televising the meetings.
- 2020 replaces the Board Room presentation equipment, and the video server/bulletin info for Channel 6.
- 2021 replaces the Board Room video lighting.
- 2022 replaces the editin systems again.

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Copier Replacement Program	Department: General Government
Project Status: Replacement of Current Equipment	Project Type: 90 - Non-automotive Equip
Location: Village Hall - 1st floor and 2nd floor copy rooms	Acct. Number: 37000025-4602
Relationship to Other Projects:	

Description

This is a plan to replace Village Hall copier/multifunction printers on the 1st and 2nd floors. They are scheduled for replacement every five year.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017 - 2024 Only
Mid-size 2nd Floor Copier (color)	-	-	-	28,000	-	-	-	-	31,360	-	59,360
Mid-size 1st Floor Copier (b/w)	-	-	-	16,800	-	-	-	-	18,816	-	35,616
High-volume Copier	-	-	-	39,200	-	-	-	-	43,904	-	83,104
TOTAL COSTS	\$ -	\$ -	\$ -	\$ 84,000	\$ -	\$ -	\$ -	\$ -	\$ 94,080	\$ -	\$ 178,080
Proposed Source of Funds											
General Fund	-	-	-	84,000	-	-	-	-	94,080	-	178,080
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ 84,000	\$ -	\$ -	\$ -	\$ -	\$ 94,080	\$ -	\$ 178,080

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Patrol Vehicles	Department: Police
Project Status: Replacement of Current Equipment	Project Type: 80 - Automotive Equipment
Location: Based at 411 W Higgins	Acct. Number: (1) 37000025-4603
Relationship to Other Projects:	(2) 01202125-4603

Description

The Department utilizes a 4 year vehicle replacement program. Most Patrol vehicles are run 7 days a week 24 hours a day resulting in high mileage and wear and tear over the years.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
7 Vehicles / year (6 since P12 in 2016)	224,000	175,323	217,000	242,000	242,000	242,000	242,000	254,000	254,000	254,000	1,947,000
1 SUV P12 (every 4 years) \$36,000 in 2016	-	36,520	-	-	-	38,000	-	-	-	38,000	76,000
Lettering , Stripping	12,000	8,000	12,000	12,600	12,600	12,600	12,600	12,600	12,600	12,600	100,200
Changeover 6 @ \$2000	12,600	14,000	12,600	13,200	13,200	13,200	13,200	13,200	13,200	13,200	105,000
Interior Equipment 6 @ \$4,300)	25,800	23,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	80,000
(5) police roll downs to other divisions											
Lettering / stripping removal (\$200 per)	1,000	1,000	1,000	1,500	1,500	1,500	1,500	1,500	1,500	1,500	11,500
Changeover (\$1000 per)	5,000	4,000	5,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	47,000
Vehicle parts not included in changeover	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	16,000
TOTAL COSTS	\$ 282,400	\$ 263,843	\$ 259,600	\$ 287,300	\$ 287,300	\$ 325,300	\$ 287,300	\$ 299,300	\$ 299,300	\$ 337,300	\$ 2,382,700
Proposed Source of Funds											
General Fund (1)	252,400	233,843	41,915	287,300	287,300	325,300	287,300	299,300	299,300	337,300	2,165,015
Court Supervision Escrow (2)	30,000	30,000	-	-	-	-	-	-	-	-	-
Emergency Services Escrow (1)	-	-	128,900	-	-	-	-	-	-	-	128,900
US Marshal Escrow (1)	-	-	30,905	-	-	-	-	-	-	-	30,905
BATTLE Escrow (1)	-	-	32,680	-	-	-	-	-	-	-	32,680
BATTLE Project Income Escrow (1)	-	-	25,200	-	-	-	-	-	-	-	25,200
TOTAL FUNDS	\$ 282,400	\$ 263,843	\$ 259,600	\$ 287,300	\$ 287,300	\$ 325,300	\$ 287,300	\$ 299,300	\$ 299,300	\$ 337,300	\$ 2,382,700

See next page for additional justification.

In 2016 all front line cars have been updated to the new style.



The Patrol vehicles are replaced every (4) years. The vehicles with lower mileage and minimal maintenance issues are rolled down to the Investigations, Tactical, or other administrative vehicles such as Community Relations or Traffic ASO.

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Vehicles - Investigations Division	Department:	Police
Project Status:	Replacement of Current Equipment	Project Type:	80 - Automotive Equipment
Location:	Based at 411 W Higgins	Acct. Number:	37000025-4603
Relationship to Other Projects:			

Description

The vehicle is currently a 2013 full size Chevrolet Tahoe SUV as per State Bid. This vehicle is used by the undercover officer assigned to work with U.S Customs unit, where we obtain our Asset Seizure funds from.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
1 Full Size SUV (P-71)	32,000	34,360	-	-	38,000	-	-	38,000	-	-	76,000
Changeover	2,000	1,000	-	-	2,000	-	-	2,000	-	-	4,000
TOTAL COSTS	\$ 34,000	\$ 35,360	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ 80,000
Proposed Source of Funds											
General Fund	34,000	35,363	-	-	40,000	-	-	40,000	-	-	80,000
TOTAL FUNDS	\$ 34,000	\$ 35,363	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ 80,000

Unit	VIN
2013 Chev Tahoe P71	1GNLC2E09DR177874

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Emergency Overhead Lighting Systems	Department: Police
Project Status: New Request	Project Type: 80 - Automotive Equipment
Location: Based at 411 W Higgins	Acct. Number: 37000025-4603
Relationship to Other Projects:	

Description

Based on usage, exposure to the elements, and maintenance requirements , a 4 year replacment schedule was put into place. New systems are based on LED energy efficient technology drawing fewer amps, more aerodynamic to save on fuel costs,are brighter for safety, and have no moving parts to break down.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
4 Replacements/year	11,000	8,740	11,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	95,000
TOTAL COSTS	\$ 11,000	\$ 8,740	\$ 11,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 95,000
Proposed Source of Funds											
General Fund	11,000	8,740	11,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	95,000
TOTAL FUNDS	\$ 11,000	\$ 8,740	\$ 11,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 95,000



As of 2016 all front line patrol vehicles have newer style LED energy effeicient light bars.
The oldest of these LED lightbars were bought in 2006
The lightbars still work but are aging and should be on a replacment cycle
New lightbars purchased would go on 1st teir cars and older units would replace these.

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Traffic Section Vehicle	Department:	Police
Project Status:	Replacement of Current Equipment	Project Type:	80 - Automotive Equipment
Location:	Based at 411 W Higgins	Acct. Number:	37000025-4603
Relationship to Other Projects:			

Description

The Traffic Unit vehicles are replaced every 4 years.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Unit P-50	-	-	-	-	34,000	-	-	-	34,000	-	68,000
Unit P-51	-	-	30,000	-	-	-	34,000	-	-	-	64,000
Changeover	-	-	2,100	-	2,200	-	2,200	-	2,200	-	8,700
Interior equipment	-	-	4,300	-	1,700	-	1,700	-	1,700	-	9,400
TOTAL COSTS	\$ -	\$ -	\$ 36,400	\$ -	\$ 37,900	\$ -	\$ 37,900	\$ -	\$ 37,900	\$ -	\$ 150,100
Proposed Source of Funds											
General Fund	-	-	36,400	-	37,900	-	37,900	-	37,900	-	150,100
TOTAL FUNDS	\$ -	\$ -	\$ 36,400	\$ -	\$ 37,900	\$ -	\$ 37,900	\$ -	\$ 37,900	\$ -	\$ 150,100

Unit	VIN
P51 2014 Ford Int SUV	1FM5K8AR6EGA76117
P50 2015 Ford Int SUV	1FM5K8AR3FGC51828



P51 2014 Ford INT SUV Purchased 10/13

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Administrative Vehicles	Department: Police
Project Status: Replacement of Current Equipment	Project Type: 80 - Automotive Equipment
Location: Based at 411 W Higgins	Acct. Number: 37000025-4603
Relationship to Other Projects:	

Description

Full Size Police Vehicle - unmarked. Two Administration vehicles (1 - Chief, 1 - Asst. Chief) total - one replaced each year. These vehicles are then rolled down to the Investigations Division for use for 2 more years. DID NOT PURCHASE AN ADMIN VEHICLE IN 2011, 2012, 2013, 2015 or 2016.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
1 @ \$32,000 P02	-	-	-	32,000	-	34,000	-	34,000	-	36,000	136,000
1 @ \$32,000 P01	-	-	-	-	34,000	-	34,000	-	36,000	-	104,000
Changeover costs	-	-	-	1,000	1,200	1,200	1,200	1,200	1,200	1,200	8,200
Interior equipment	-	-	-	1,000	1,200	1,200	1,200	1,200	1,200	1,200	8,200
TOTAL COSTS	\$ -	\$ -	\$ -	\$ 34,000	\$ 36,400	\$ 36,400	\$ 36,400	\$ 36,400	\$ 38,400	\$ 38,400	\$ 256,400
Proposed Source of Funds											
General Fund	-	-	-	34,000	36,400	36,400	36,400	36,400	38,400	38,400	256,400
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ 34,000	\$ 36,400	\$ 36,400	\$ 36,400	\$ 36,400	\$ 38,400	\$ 38,400	\$ 256,400

Unit	VIN
P02 2007 Ford Crown Vic (will be replaced in 2016 with role down)	2FAHP71W17X145480
P01 2015 Ford Police Int SUV (In 2014 P01 was replaced)	1FM5K8AR2FGA41625



P02 2007 Ford Crown Vic



P01 2015 Ford Int SUV

Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Thermal Imaging Cameras (TIC)	Department:	Fire
Project Status:	Retain from Previous CIP - Updated Costs	Project Type:	90 - Non-automotive Equip
Location:	All Fire Stations	Acct. Number:	37000025-4602
Relationship to Other Projects:			

Description

Thermal Imaging Cameras (TICs) are used to visualize the surroundings in an atmosphere where it is dark, smokey, or in other impaired conditions. These cameras are used as search and rescue tools by our firefighters during structure fire situations, using them to locate victims and search for hidden fires behind enclosed spaces . Our current cameras (8 units) were purchased in 2007 and had a 2-year warranty. Since the expiration of this warranty, we have had these cameras in for service repairs over 25 times in total. Technology has improved not only the durability of these units, but the clarity in visulaization fields and size

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Thermal Imaging Cameras (7)	98,000	-	100,000	-	-	-	-	-	-	-	100,000
TOTAL COSTS	\$ 98,000	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
Proposed Source of Funds											
AFG Grant Funded (80%)	78,400	-	-	-	-	-	-	-	-	-	-
Unfunded	19,600	-	-	-	-	-	-	-	-	-	-
General Fund	-	-	100,000	-	-	-	-	-	-	-	100,000
TOTAL FUNDS	\$ 98,000	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Protective Clothing	Department:	Fire
Project Status:	Replacement of Current Equipment	Project Type:	90 - Non-automotive Equip
Location:	All Stations	Acct. Number:	01303122-4304.16
Relationship to Other Projects:			

Description

Scheduled replacement of firefighters protective structural firefighting turn-out gear. This includes protective coats, pants and suspenders. Normal life expectancy for protective clothing is estimated to be between five and seven years. In order to maintain these garments in a safe and usable condition, the Department has implemented an on-going program to replace unserviceable garments on a timely basis.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Replacement Program	40,000	39,500	42,500	42,500	45,000	45,000	47,500	47,500	50,000	50,000	370,000
TOTAL COSTS	\$ 40,000	\$ 39,500	\$ 42,500	\$ 42,500	\$ 45,000	\$ 45,000	\$ 47,500	\$ 47,500	\$ 50,000	\$ 50,000	\$ 370,000
Proposed Source of Funds											
General Fund	40,000	39,500	42,500	42,500	45,000	45,000	47,500	47,500	50,000	50,000	370,000
TOTAL FUNDS	\$ 40,000	\$ 39,500	\$ 42,500	\$ 42,500	\$ 45,000	\$ 45,000	\$ 47,500	\$ 47,500	\$ 50,000	\$ 50,000	\$ 370,000



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Apparatus Refurbishment Program	Department:	Fire
Project Status:	Retain from Previous CIP - Updated Costs	Project Type:	80 - Automotive Equipment
Location:	All Fire Stations	Acct. Number:	37000025 - 4612
Relationship to Other Projects:			

Description

The Fire Department has a major maintenance/refurbishment program in place for all the fire apparatus in the Department's fleet. The Department's program is a proactive long term program to maintain the apparatus in the highest level of operational readiness throughout the service life of the vehicle. The program would provide refurbishment for all major fire apparatus after ten to twelve years of service. Included would be items such as repainting the apparatus, updating emergency warning equipment, pump service, hydraulic service, etc.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Engine 21 (2004 Pierce Quantum)	67,500	67,500	-	-	-	-	-	-	-	-	-
Engine 23 (2008 Pierce Quantum)	-	-	-	-	-	-	76,000	-	-	-	76,000
TOTAL COSTS	\$ 67,500	\$ 67,500	\$ -	\$ -	\$ -	\$ -	\$ 76,000	\$ -	\$ -	\$ -	\$ 76,000
Proposed Source of Funds											
General Fund	67,500	67,500	-	-	-	-	76,000	-	-	-	76,000
TOTAL FUNDS	\$ 67,500	\$ 67,500	\$ -	\$ -	\$ -	\$ -	\$ 76,000	\$ -	\$ -	\$ -	\$ 76,000



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Fitness Equipment at Fire Stations	Department:	Fire
Project Status:	Retain from Previous CIP	Project Type:	90 - Non-automotive Equip
Location:	All Fire Stations	Acct. Number:	37000025-4602
Relationship to Other Projects:			

Description

Due to budget constraints, we have pushed this forward for several years. For 2014, we would like to begin this replacement program to keep all of our equipment in good working order. For health and safety reasons, all members of the Fire Department are required to conduct physical fitness activities on a daily basis creating a lot of wear on the equipment. A replacement program is needed to maintain this equipment and to allow for a more valuable trade-in or sale price when replacing the equipment. The main items that are used the most and are in need of replacement at this time are the five treadmills. Initially requested in the 2008 CIP.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Fitness Equipment	-	-	30,000	-	30,000	-	30,000	-	30,000	-	120,000
TOTAL COSTS	\$ -	\$ -	\$ 30,000	\$ -	\$ 30,000	\$ -	\$ 30,000	\$ -	\$ 30,000	\$ -	\$ 120,000
Proposed Source of Funds											
General Fund	-	-	30,000	-	30,000	-	30,000	-	30,000	-	120,000
TOTAL FUNDS	\$ -	\$ -	\$ 30,000	\$ -	\$ 30,000	\$ -	\$ 30,000	\$ -	\$ 30,000	\$ -	\$ 120,000

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Reserve Engine 21 (RE21)	Department:	Fire
Project Status:	Retain from Previous CIP - Updated Costs	Project Type:	80 - Automotive Equipment
Location:	Station 21	Acct. Number:	37000025-4612
Relationship to Other Projects:			

Description

Scheduled replacement of Reserve Engine 21, a 1992 Pierce Arrow (VIN# 4P1CAO2D9NA000209). This is in accordance with the Department's apparatus replacement program. At this time, this vehicle has in excess of 123,657 miles. Initially requested in the 2010 CIP.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle	-	-	555,000	-	-	-	-	-	-	-	555,000
Radio Installation	-	-	7,200	-	-	-	-	-	-	-	7,200
Changeover costs	-	-	7,200	-	-	-	-	-	-	-	7,200
Dispatch Computer	-	-	7,200	-	-	-	-	-	-	-	7,200
TOTAL COSTS	\$ -	\$ -	\$ 576,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 576,600
Proposed Source of Funds											
Bond Issue	-	-	576,600	-	-	-	-	-	-	-	576,600
TOTAL FUNDS	\$ -	\$ -	\$ 576,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 576,600



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Fire Car 7	Department: Fire
Project Status: Replacement of Current Equipment	Project Type: 80 - Automotive Equipment
Location: Fire Administration	Acct. Number: 38000025-4603
Relationship to Other Projects:	

Description

This is the scheduled replacement of current Fire Car 7, a 2007 Ford Crown Victoria, VIN# 2FAHP71W37X126445 which is currently assigned as the reserve staff / fire department pool vehicle.. As of June 2016 the vehicle has over 132,000 miles on it.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle	-	-	38,000	-	-	-	-	-	-	-	38,000
Radios and installation	-	-	7,600	-	-	-	-	-	-	-	7,600
Changeover costs	-	-	2,150	-	-	-	-	-	-	-	2,150
Lighting	-	-	6,000	-	-	-	-	-	-	-	6,000
TOTAL COSTS	\$ -	\$ -	\$ 53,750	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 53,750
Proposed Source of Funds											
Capital Replacement Fund	-	-	53,750	-	-	-	-	-	-	-	53,750
TOTAL FUNDS	\$ -	\$ -	\$ 53,750	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 53,750



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Fire Car 2	Department: Fire
Project Status: Replacement of Current Equipment	Project Type: 80 - Automotive Equipment
Location: Fire Administration	Acct. Number: 37000025-4603
Relationship to Other Projects:	

Description

This is the scheduled replacement of current Fire Car 2, a 2007 Ford Crown Victoria, VIN# 2FAHP71W17X126444 which is currently assigned to the Assistant Fire Chief. As of June 2016 the vehicle has over 108,000 miles on it.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle	-	-	-	30,000	-	-	-	-	-	-	30,000
Radios and installation	-	-	-	7,800	-	-	-	-	-	-	7,800
Changeover costs	-	-	-	2,200	-	-	-	-	-	-	2,200
Lighting	-	-	-	6,000	-	-	-	-	-	-	6,000
TOTAL COSTS	\$ -	\$ -	\$ -	\$ 46,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 46,000
Proposed Source of Funds											
General Fund	-	-	-	46,000	-	-	-	-	-	-	46,000
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ 46,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 46,000



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Self Contained Breathing Apparatus Replacement	Department:	Fire
Project Status:	Retain from Previous CIP - Updated Costs	Project Type:	90 - Non-automotive Equip
Location:	All Fire Stations	Acct. Number:	38000025-4602
Relationship to Other Projects:			

Description

The SCBA unit is the most important piece of equipment the Firefighter can use during an incident involving an Immediately Dangerous to Life and Health (IDLH) atmosphere. The current SCBA equipment in service in the department was purchased under an AFG grant back in 2002 and met the NFPA standards for 2002 compliance. The air bottles that we are using are made of a carbon composite material with a 15 year life span and will need to be replaced by the year 2017. Due to the advancements in technology for these devices, and the advancements in compliance standards through the NFPA, we are requesting to replace the entire inventory of our SCBA equipment.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
SCBA Replacement	-	-	517,020	-	-	-	-	-	-	-	517,020
TOTAL COSTS	\$ -	\$ -	\$ 517,020	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 517,020
Proposed Source of Funds											
FEMA Grant	-	-	359,570	-	-	-	-	-	-	-	359,570
Capital Replacement Fund	-	-	157,450	-	-	-	-	-	-	-	157,450
TOTAL FUNDS	\$ -	\$ -	\$ 517,020	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 517,020

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: SCBA Compressor Replacement	Department: Fire
Project Status: New Request	Project Type: 90 - Non-automotive Equip
Location: All Fire Stations	Acct. Number: 38000025-4602
Relationship to Other Projects:	

Description

Replacement of the department SCBA compressor and cascade. The compressor and cascade are located at Fire Station 22 and have been in service since 1997. SCBA compressors have a life expectancy of between 15 and 20 years and expected operating hours of between 1400 and 1900. The compressor currently has exceeded the life expectancy and is approaching the service hours expectancy. Maintenance cost on the compressor continue to rise and in 2014 and 2015 required approximately \$6400 in repair.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
SCBA Compressor Replacement	-	-	-	30,000	-	-	-	-	-	-	30,000
Fill station/cascade	-	-	-	15,000	-	-	-	-	-	-	15,000
Cascade installation costs	-	-	-	3,000	-	-	-	-	-	-	3,000
TOTAL COSTS	\$ -	\$ -	\$ -	\$ 48,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 48,000
Proposed Source of Funds											
General Fund	-	-	-	48,000	-	-	-	-	-	-	48,000
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ 48,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 48,000



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Reserve Ambulance 21 (RA21)	Department:	Fire
Project Status:	Retain from Previous CIP - Updated Costs	Project Type:	80 - Automotive Equipment
Location:	Station 21	Acct. Number:	38000025-4612
Relationship to Other Projects:			

Description

Scheduled vehicle replacement is in accordance with the Department's new apparatus replacement program (seven years front line and five years reserve). The current RA21 is a 2002 Road Rescue with over 92,800 miles. Vin # 1HTSLAAM02H404897. (Would like to move to 2017)

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle	-	-	-	305,000	-	-	-	-	-	-	305,000
Emergency Equipment	-	-	-	6,650	-	-	-	-	-	-	6,650
Radio Installation	-	-	-	2,700	-	-	-	-	-	-	2,700
Changeover costs	-	-	-	2,700	-	-	-	-	-	-	2,700
Dispatch Computer	-	-	-	11,300	-	-	-	-	-	-	11,300
TOTAL COSTS	\$ -	\$ -	\$ -	\$ 328,350	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 328,350
Proposed Source of Funds											
Capital Replacement Fund	-	-	-	328,350	-	-	-	-	-	-	328,350
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ 328,350	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 328,350



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Fire Car #3	Department: Fire
Project Status: Retain from Previous CIP - Updated Costs	Project Type: 80 - Automotive Equipment
Location: Station 22	Acct. Number: 37000025 - 4603
Relationship to Other Projects:	

Description

The scheduled replacement of this 2000 Ford Excursion (VIN #1GNFK16K2PJ355055) is in accordance with the Village's replacement guidelines. This vehicle served as the Shift Commander's Car from 2000 - 2007, and was placed in reserve status at station 22 from 2007 until present. As of June 2016, the vehicle has 70,156 miles. Initially requested in the 2010 CIP.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle	-	-	-	38,000	-	-	-	-	-	-	38,000
Emergency Equipment	-	-	-	5,500	-	-	-	-	-	-	5,500
Radio Installation	-	-	-	2,500	-	-	-	-	-	-	2,500
Cabinetry	-	-	-	3,200	-	-	-	-	-	-	3,200
Vehicle Lettering	-	-	-	2,400	-	-	-	-	-	-	2,400
Dispatch Computer	-	-	-	7,000	-	-	-	-	-	-	7,000
TOTAL COSTS	\$ -	\$ -	\$ -	\$ 58,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 58,600
Proposed Source of Funds											
Capital Replacement Fund	-	-	-	-	-	-	-	-	-	-	-
General Fund	-	-	-	58,600	-	-	-	-	-	-	58,600
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ 58,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 58,600



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Reserve Ambulance 24 (RA24)	Department:	Fire
Project Status:	Retain from Previous CIP - Updated Costs	Project Type:	80 - Automotive Equipment
Location:	Station 24	Acct. Number:	37000025-4612
Relationship to Other Projects:			

Description

Scheduled vehicle replacement is in accordance with the Department's new apparatus replacement program (seven years front line and five years reserve). Initially requested in the 2011 CIP. Reserve Ambulance 24 is a 2005 Navistar/Road Rescue. Mileage as of June 2016 82,259. VIN# 1HTMNAAM85H688254

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle	-	-	-	-	310,000	-	-	-	-	-	310,000
Emergency Equipment	-	-	-	-	7,700	-	-	-	-	-	7,700
Radio Installation	-	-	-	-	3,100	-	-	-	-	-	3,100
Changeover costs	-	-	-	-	3,100	-	-	-	-	-	3,100
Dispatch Computer	-	-	-	-	12,300	-	-	-	-	-	12,300
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ 336,200	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 336,200
Proposed Source of Funds											
General Fund	-	-	-	-	336,200	-	-	-	-	-	336,200
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ 336,200	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 336,200



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Fire Car 6	Department: Fire
Project Status: Replacement of Current Equipment	Project Type: 80 - Automotive Equipment
Location: Fire Administration	Acct. Number: 37000025-4603
Relationship to Other Projects:	

Description

This is the scheduled replacement of current Fire Car 6, a 2007 Ford Crown Explorer, VIN# 1FMEU72EX6UB70360 which is currently assigned to the Fire Inspector. As of June 2016 the vehicle has over 68,457 miles on it.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle	-	-	-	-	30,300	-	-	-	-	-	30,300
Radios and Installation	-	-	-	-	8,100	-	-	-	-	-	8,100
Changeover Costs	-	-	-	-	2,250	-	-	-	-	-	2,250
Lettering and stripping	-	-	-	-	2,700	-	-	-	-	-	2,700
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ 43,350	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 43,350
Proposed Source of Funds											
General Fund	-	-	-	-	43,350	-	-	-	-	-	43,350
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ 43,350	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 43,350



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Reserve Ambulance 23 (RA23)	Department:	Fire
Project Status:	Retain from Previous CIP - Updated Costs	Project Type:	80 - Automotive Equipment
Location:	Station 23	Acct. Number:	37000025-4612
Relationship to Other Projects:			

Description

Scheduled vehicle replacement is in accordance with the Department's new apparatus replacement program (seven years front line and five years reserve). Reserve Ambulance 23 is a 2007 Navistar/MedTech. Mileage as of June 2016 is 82,879. VIN# 1HTSLAAM01H348457

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle	-	-	-	-	-	315,000	-	-	-	-	315,000
Emergency Equipment	-	-	-	-	-	8,000	-	-	-	-	8,000
Radio Installation	-	-	-	-	-	3,200	-	-	-	-	3,200
Changeover costs	-	-	-	-	-	3,200	-	-	-	-	3,200
Dispatch Computer	-	-	-	-	-	12,700	-	-	-	-	12,700
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 342,100	\$ -	\$ -	\$ -	\$ -	\$ 342,100
Proposed Source of Funds											
General Fund	-	-	-	-	-	342,100	-	-	-	-	342,100
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 342,100	\$ -	\$ -	\$ -	\$ -	\$ 342,100



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Fire Car 1	Department: Fire
Project Status: Replacement of Current Equipment	Project Type: 80 - Automotive Equipment
Location: Fire Administration	Acct. Number: 37000025-4603
Relationship to Other Projects:	

Description

This is the scheduled replacement of current Fire Car 1, a 2009 Ford Crown Victoria, VIN 2FAHP71VX9X103917 which is currently assigned to the Fire Chief. As of June 2016 the vehicle has over 96,500 miles on it.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle	-	-	-	-	-	31,500	-	-	-	-	31,500
Radios and Installation	-	-	-	-	-	8,400	-	-	-	-	8,400
Changeover Costs	-	-	-	-	-	2,350	-	-	-	-	2,350
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 42,250	\$ -	\$ -	\$ -	\$ -	\$ 42,250
Proposed Source of Funds											
General Fund	-	-	-	-	-	42,250	-	-	-	-	42,250
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 42,250	\$ -	\$ -	\$ -	\$ -	\$ 42,250



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Reserve Truck 24	Department:	Fire
Project Status:	Replacement of Current Equipment	Project Type:	80 - Automotive Equipment
Location:	Station 24	Acct. Number:	37000025-4612
Relationship to Other Projects:			

Description

Scheduled replacement of Reserve Truck 24 (current Truck 22), a 1999 Pierce Dash (VIN# 4P1CT02S6XA001412). This is in accordance with the Department's apparatus replacement program. At this time, this vehicle has in excess of 122,100 miles. Initially requested in the 2017 CIP.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle	-	-	-	-	-	-	-	1,600,000	-	-	1,600,000
Radio Installation	-	-	-	-	-	-	-	11,500	-	-	11,500
Changeover costs	-	-	-	-	-	-	-	11,500	-	-	11,500
Dispatch Computer	-	-	-	-	-	-	-	11,500	-	-	11,500
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,634,500	\$ -	\$ -	\$ 1,634,500
Proposed Source of Funds											
General Fund	-	-	-	-	-	-	-	1,634,500	-	-	1,634,500
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,634,500	\$ -	\$ -	\$ 1,634,500



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Reserve Engine 23 (RE23)	Department: Fire
Project Status: New Request	Project Type: 80 - Automotive Equipment
Location: Station 23	Acct. Number: 37000025 - 4612
Relationship to Other Projects:	

Description

Scheduled replacement of Reserve Engine 23, a 1999 Pierce Quantum (VIN# 4P1CT02PXA001142). This is in accordance with the Department's apparatus replacement program. At this time, this vehicle has in excess of 125,000 miles. Initially requested in the 2017 CIP.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle	-	-	-	-	-	-	-	-	663,000	-	663,000
Radio Installation	-	-	-	-	-	-	-	-	8,600	-	8,600
Changeover costs	-	-	-	-	-	-	-	-	8,600	-	8,600
Dispatch Computer	-	-	-	-	-	-	-	-	8,600	-	8,600
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 688,800	\$ -	\$ 688,800
Proposed Source of Funds											
Capital Replacement Fund	-	-	-	-	-	-	-	-	-	-	-
General Fund	-	-	-	-	-	-	-	-	688,800	-	688,800
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 688,800	\$ -	\$ 688,800



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Reserve Engine 21 (E24)	Department: Fire
Project Status: New Request	Project Type: 80 - Automotive Equipment
Location: Station 23	Acct. Number: 37000025-4612
Relationship to Other Projects:	

Description

Scheduled replacement of Reserve Engine 21 (current Engine 24), a 1999 Pierce Quantum (VIN# 4P1CT02PXA001143). This is in accordance with the Department's apparatus replacement program. At this time, this vehicle has in excess of 125,000 miles. Initially requested in the 2017 CIP.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle	-	-	-	-	-	-	-	-	-	682,500	682,500
Radio Installation	-	-	-	-	-	-	-	-	-	8,900	8,900
Changeover costs	-	-	-	-	-	-	-	-	-	8,900	8,900
Dispatch Computer	-	-	-	-	-	-	-	-	-	8,900	8,900
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 709,200	\$ 709,200
Proposed Source of Funds											
General Fund	-	-	-	-	-	-	-	-	-	709,200	709,200
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 709,200	\$ 709,200



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Truck 24 (T24)	Department:	Fire
Project Status:	New Request	Project Type:	80 - Automotive Equipment
Location:	Station 24	Acct. Number:	37000025-4612
Relationship to Other Projects:			

Description

This is a new request to purchase and place in service a second truck company at Station 24. This new truck is part of a previously approved staffing plan by the Village Board. The desire is to increase staffing levels in the Western Development area due to the growth of the commercial and residential community. Initially requested in the 2011 CIP.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle	-	-	-	-	-	-	-	-	-	1,800,000	1,800,000
Radio Installation	-	-	-	-	-	-	-	-	-	11,500	11,500
Changeover costs	-	-	-	-	-	-	-	-	-	11,500	11,500
Dispatch Computer	-	-	-	-	-	-	-	-	-	13,200	13,200
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,836,200	\$ 1,836,200
Proposed Source of Funds											
General Fund	-	-	-	-	-	-	-	-	-	1,836,200	1,836,200
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,836,200	\$ 1,836,200



Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	PCMS Message Boards	Department:	PW - Streets
Project Status:	Retain from Previous CIP	Project Type:	90 - Non-automotive Equip
Location:	2305 Pembroke	Acct. Number:	37000025-4602
Relationship to Other Projects:			

Description

Unit #601, #602, #603, #604, #605, Solar Powered Message Boards
 Serial #1P91717196G301163; 1P91717136G301109; 0405M230; 0305M229; 1A9AS432082228376; 5F11S10197004371
 In Service Date 9/20/06; 9/20/06; 3/19/07; 3/19/07; 12/7/07 and 6/3/08

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
(5) Message Board w/ Required Options	-	-	19,000	19,570	20,150	20,760	21,380	-	-	-	100,860
TOTAL COSTS	\$ -	\$ -	\$ 19,000	\$ 19,570	\$ 20,150	\$ 20,760	\$ 21,380	\$ -	\$ -	\$ -	\$ 100,860
Proposed Source of Funds											
General Fund	-	-	19,000	19,570	20,150	20,760	21,380	-	-	-	100,860
TOTAL FUNDS	\$ -	\$ -	\$ 19,000	\$ 19,570	\$ 20,150	\$ 20,760	\$ 21,380	\$ -	\$ -	\$ -	\$ 100,860

This request is for the replacement of five (5) road side message boards four (4) which were purchased in 2006, and one (1) purchased in 2008.



Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Sidewalk Tractor	Department:	PW - Streets
Project Status:	New Request	Project Type:	80 - Automotive Equipment
Location:	2305 Pembroke Avenue	Acct. Number:	37000025-4602
Relationship to Other Projects:			

Description

The Village will soon be responsible for snow removal at the PACE Park & Ride facility on Pembroke Ave. Currently, Public Works does not own a tractor capable of effective snow removal for sidewalk width pathways. Purchase of such specialized equipment would provide more efficient and safe snow/ice control on various Village building sidewalks currently maintained by staff, as well as the PACE Park & Ride facility and future needs. The Tractor would need to include attachments for snow/ice control and allow for future attachments used during the construction season.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Tractor with attachments	-	-	50,000	-	-	-	-	-	-	-	50,000
TOTAL COSTS	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
Proposed Source of Funds											
General Fund	-	-	50,000	-	-	-	-	-	-	-	50,000
TOTAL FUNDS	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Dump Truck Unit #4	Department:	PW - Streets
Project Status:	Retain from Previous CIP - Updated Costs	Project Type:	80 - Automotive Equipment
Location:	2305 Pembroke Avenue	Acct. Number:	37000025-4603
Relationship to Other Projects:			

Description

Unit #4, 2003 International 4400 2 1/2 Ton Single Axle Dump Truck
VIN # 1HTMKAAR43H565097
In Service Date: 11/18/02
06/16 Miles: 52,755

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017 -2024 Only
Vehicle with	-	-	-	173,760	-	-	-	-	-	-	173,760
12 Ft. Snowplow w/Hyd & Accessories,											
Automated Salt Spreader w/Liquid											
Dispensing System and Under-Body											
Snowplow											
TOTAL COSTS	\$ -	\$ -	\$ -	\$ 173,760	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 173,760
Proposed Source of Funds											
General Fund	-	-	-	173,760	-	-	-	-	-	-	173,760
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ 173,760	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 173,760

Guidelines recommend replacement after 15 years or 150,000 miles. This request is to replace this heavy duty single axle dump truck with same. This unit is a front line snow removal and salt spreading truck, also used throughout the construction season for hauling materials to and from in-house job sites. This replacement request entered the CIP in 2013 -2017 for 2017. Updated costs includes a 3% increase from a 2016 replacement purchase for an identical complete truck.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Dump Truck Unit #11	Department:	PW - Streets
Project Status:	Retain from Previous CIP - Updated Costs	Project Type:	80 - Automotive Equipment
Location:	2305 Pembroke Avenue	Acct. Number:	37000025-4603
Relationship to Other Projects:			

Description

Unit #11, Streets 2002 International Single Axle Dump Truck
 VIN # 1HTMKAAR82H516970
 In Service Date: 12/07/01
 06/16 Mileage: 58,616

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle with 12 Ft. Snowplow w/Hyd & Accessories, Automated Salt Spreader w/Liquid Dispensing System and Under-Body Snowplow	-	-	-	173,760	-	-	-	-	-	-	173,760
TOTAL COSTS	\$ -	\$ -	\$ -	\$ 173,760	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 173,760
Proposed Source of Funds											
General Fund	-	-	-	173,760	-	-	-	-	-	-	173,760
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ 173,760	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 173,760

Guidelines recommend replacement after 15 years or 150,000 miles. This request is to replace this heavy duty single axle dump truck with same. This unit is a front line snow removal and salt spreading truck, also used throughout the construction season for hauling materials to and from in-house job sites. This replacement request entered the CIP in 2012-2016 for 2016, although pushed out one year due to budget considerations. Updated costs includes a 3% increase from a 2016 replacement purchase for an identical complete truck.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Dump Truck Unit #13	Department: PW - Streets
Project Status: Retain from Previous CIP - Updated Costs	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number: 37000025-4603
Relationship to Other Projects:	

Description

Unit #13, 2003 International 4400 2 1/2 Ton Single Axle Dump Truck
 VIN #1HTMKAAR63H565098
 In Service Date: 11/18/02
 06/16 Miles: 78,573

Project Cost Description	2016 budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle with	-	-	173,760	-	-	-	-	-	-	-	173,760
12 Ft. Snowplow w/Hyd & Accessories,											
Automated Salt Spreader w/Liquid											
Dispensing System and Under-Body											
Snowplow											
TOTAL COSTS	\$ -	\$ -	\$ 173,760	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 173,760
Proposed Source of Funds											
General Fund	-	-	173,760	-	-	-	-	-	-	-	173,760
TOTAL FUNDS	\$ -	\$ -	\$ 173,760	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 173,760

Guidelines recommend replacement after 15 years or 150,000 miles. This request is to replace this heavy duty single axle dump truck with same. This unit is a front line snow removal and salt spreading truck, also used throughout the construction season for hauling materials to and from in-house job sites. This replacement request entered the CIP in 2013-2017 for 2017. Updated costs includes a 3% increase from a 2016 replacement purchase for an identical complete truck.



Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Dump Truck Unit #14 **Department:** PW - Streets
Project Status: Retain from Previous CIP - Updated Costs **Project Type:** 80 - Automotive Equipment
Location: 2305 Pembroke Avenue **Acct. Number:** 37000025-4603
Relationship to Other Projects:

Description

Unit #14, Streets 2002 International Single Axle Dump Truck
VIN # 1HTMKAARX2H516971
In Service Date: 12/07/01
06/15 Mileage: 65,900

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle with	-	-	173,760	-	-	-	-	-	-	-	173,760
12 Ft. Snowplow w/Hyd & Accessories,											
Automated Salt Spreader w/Liquid											
Dispensing System and Under-Body											
Snowplow											
TOTAL COSTS	\$ -	\$ -	\$ 173,760	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 173,760
Proposed Source of Funds											
General Fund	-	-	173,760	-	-	-	-	-	-	-	173,760
TOTAL FUNDS	\$ -	\$ -	\$ 173,760	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 173,760

Guidelines recommend replacement after 15 years or 150,000 miles. This request is to replace this heavy duty single axle dump truck with same. This unit is a front line snow removal and salt spreading truck, also used throughout the construction season for hauling materials to and from in-house job sites. This replacement request entered the CIP in 2012-2016 for 2016, although pushed out one year due to budget considerations. Updated costs includes a 3% increase from a 2016 replacement purchase of an identical complete truck.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	40 Ft. Aerial Lift Truck Unit #54	Department:	PW - Streets
Project Status:	Retain from Previous CIP	Project Type:	80 - Automotive Equipment
Location:	2305 Pembroke Avenue	Acct. Number:	38000025-4603
Relationship to Other Projects:			

Description

Unit #54, Street Traffic Control 2001 Ford F-550, 40 Ft. Aerial Lift Truck
VIN #1FDAF56F01ED79058
In Service Date: 09/26/01
06/16 Hours: 9,870 Miles: 96,469

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle and Aerial Lift Equipment	-	-	143,770	-	-	-	-	-	-	-	143,770
TOTAL COSTS	\$ -	\$ -	\$ 143,770	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 143,770
Proposed Source of Funds											
Capital Replacement Fund	-	-	143,770	-	-	-	-	-	-	-	143,770
TOTAL FUNDS	\$ -	\$ -	\$ 143,770	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 143,770

This is a 40 foot reach aerial lift truck used by the traffic operations team for streetlight maintenance. New guidelines recommend replacement in 15 years. Evaluation of vehicle and aerial components suggest replacement per guideline cycle. This replacement request entered the CIP in 2008-2012 for 2012. Budget considerations then moved the unit to 2014 and then new replacement guidelines moved the replacement out to 2017.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: GrappleTruck Unit #80	Department: PW - Streets
Project Status: Replacement of Current Equipment	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number: 37000025-4603
Relationship to Other Projects: None	

Description

Unit #80, Streets Forestry 2005 International 7300 Grapple Truck
 VIN # 1HTZZAAR85J164665
 In Service Date: 8/15/13
 06/16 Engine Hours: 10,977 Miles: 76,603

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle Grapple and Dump Body	-	-	-	149,600	-	-	-	-	-	-	149,600
TOTAL COSTS	\$ -	\$ -	\$ -	\$ 149,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 149,600
Proposed Source of Funds											
General Fund	-	-	-	149,600	-	-	-	-	-	-	149,600
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ 149,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 149,600

This is a Heavy Duty Grapple dump truck used by the Street Division Forestry and Grounds Maintenance Team. Existing Unit was purchased used in 2013. This replacement request entered the CIP in 2015-2022 for 2022. Due to extensive use throughout divisions, it is recommended to be replaced in 2018.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Pavement Roller Unit #51	Department: PW - Streets
Project Status: Retain from Previous CIP - Updated Costs	Project Type: 90 - Non-automotive Equip
Location: 2305 Pembroke Avenue	Acct. Number: 37000025-4603
Relationship to Other Projects:	

Description

Unit #51, 1988 Leboy 400 Roller Diesel Engine
VIN # 129
In Service Date: 01/08/88
06/16 Hours: 1,336

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Pavement Roller	-	-	-	52,340	-	-	-	-	-	-	52,340
Wheeled/Trailer											
TOTAL COSTS	\$ -	\$ -	\$ -	\$ 52,340	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 52,340
Proposed Source of Funds											
General Fund	-	-	-	52,340	-	-	-	-	-	-	52,340
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ 52,340	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 52,340

This is a 1988 self trailered 4 ton heavy duty pavement roller. Evaluation of equipment condition suggests replacement in 2011 upon 23 years of service life. Budget considerations have moved this request out each year since, with rental options also being evaluated.



Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: 2.5 Ton HD Dump Truck	Department: PW - Streets
Project Status: Retain from Previous CIP - Updated Costs	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number: 37000025-4603
Relationship to Other Projects:	

Description

New addition to the fleet. One (1) Single Axle 2.5 Ton Heavy Duty Dump Truck will be needed due to increased service demands imposed by future business and residential development/acceptance. This request is evaluated annually.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017 -2024 Only
Vehicle with	-	-	-	-	178,980	-	-	-	-	-	178,980
12 Ft. Snowplow w/Hyd & Accessories,											
Automated Salt Spreader w/Liquid											
Dispensing System and Under-Body											
Snowplow											
New two way radio	-	-	-	-	2,000	-	-	-	-	-	2,000
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ 180,980	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 180,980
Proposed Source of Funds											
General Fund	-	-	-	-	-	-	-	-	-	-	-
Plum Farm TIF	-	-	-	-	180,980	-	-	-	-	-	180,980
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ 180,980	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 180,980

Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: 4x4 Pick-up Truck	Department: PW - Streets
Project Status: Retain from Previous CIP - Updated Costs	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number: 37000025-4603
Relationship to Other Projects:	

Description

New addition to the fleet. A 4x4 pick-up truck with snow plow and accessories will be needed due to increased service demands imposed by future business and residential development/acceptance. This request is evaluated annually.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle	-	-	-	-	44,750	-	-	-	-	-	44,750
Snow Plow and Accessories	-	-	-	-	-	-	-	-	-	-	-
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ 44,750	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 44,750
Proposed Source of Funds											
General Fund	-	-	-	-	-	-	-	-	-	-	-
Plum Farm TIF	-	-	-	-	44,750	-	-	-	-	-	44,750
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ 44,750	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 44,750

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Branch/Brush Chipper Unit #126	Department: PW - Streets
Project Status: Retain from Previous CIP - Updated Costs	Project Type: 90 - Non-automotive Equip
Location: 2305 Pembroke	Acct. Number: 38000025-4602
Relationship to Other Projects:	

Description

Unit #126, Forestry 2003 Morbark 2400XL Trailered Chipper
Serial #50633
In Service Date 12/31/03
06/16 Hours: 784

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Trailered Chipper Unit	-	-	-	78,000	-	-	-	-	-	-	78,000
TOTAL COSTS	\$ -	\$ -	\$ -	\$ 78,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 78,000
Proposed Source of Funds											
Capital Replacement Fund	-	-	-	15,000	-	-	-	-	-	-	15,000
General Fund	-	-	-	63,000	-	-	-	-	-	-	63,000
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ 78,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 78,000

This is a heavy duty branch/brush chipper unit used by the Forestry Team. This replacement unit entered the CIP in 2008-2012 for 2012. New guidelines call for replacement in 15 years or in year 2018.



Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Dump Truck Unit #5	Department: PW - Streets
Project Status: Retain from Previous CIP - Updated Costs	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number: 37000025-4603
Relationship to Other Projects:	

Description

Unit #5, Streets 2004 International 2.5 ton Single Axle Dump Truck
 VIN # 1HTMKAAR54H6145583
 In Service Date: 09/03/03
 06/16 Mileage: 57,925

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle with	-	-	-	178,980	-	-	-	-	-	-	178,980
12 Ft. Snowplow w/Hyd & Accessories, Automated Salt Spreader w/Liquid Dispensing System and Under-Body Snowplow											
TOTAL COSTS	\$ -	\$ -	\$ -	\$ 178,980	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 178,980
Proposed Source of Funds											
General Fund	-	-	-	178,980	-	-	-	-	-	-	178,980
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ 178,980	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 178,980

Guidelines recommend replacement after 15 years or 150,000 miles. This request is to replace this heavy duty single axle dump truck with same. This unit is a front line snow removal and salt spreading truck, also used throughout the construction season for hauling materials to and from in-house job sites. This replacement request entered the CIP in 2014-2021 for 2018.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: 4x4 Crew Cab Pick-up Unit #33	Department: PW - Streets
Project Status: Retain from Previous CIP - Updated Costs	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number: 38000025-4603
Relationship to Other Projects:	

Description

Unit #33, Pavement Maintenance 2007 Ford F350 4x4 XL Cab Pick-up Truck with Snow Plow
VIN # 1FTWX31517EA10843
In Service Date: 7/20/06
06/16 Mileage: 53,565

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle with	-	-	-	38,390	-	-	-	-	-	-	38,390
Snow Plow w/HYD Accessories	-	-	-	-	-	-	-	-	-	-	-
TOTAL COSTS	\$ -	\$ -	\$ -	\$ 38,390	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 38,390
Proposed Source of Funds											
Capital Replacement Fund	-	-	-	38,390	-	-	-	-	-	-	38,390
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ 38,390	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 38,390

This is a 4x4 one ton crew cab pick-up truck used by the Pavement Maintenance and Forestry & Grounds maintenance teams. The unit is also a front line snow removal cul-de-sac plowing vehicle. New vehicle guidelines recommend replacement in 12 years. This replacement request entered the CIP in 2011-2015 for 2015. New guidelines have moved it out to 2018.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: 4x4 Mini Dump Truck, Unit #49	Department: PW - Streets
Project Status: Retain from Previous CIP - Updated Costs	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number: 38000025-4603
Relationship to Other Projects:	

Description

Unit #49, Streets General Use 2003 Ford F-550, 4x4 Mini Dump Truck w/ Plow & Spreader
 VIN #1FDAF57P23ED58965
 In Service Date:06/16/03
 06/16 Mileage: 48,300

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle w/Plow & Spreader	-	-	-	54,860	-	-	-	-	-	-	54,860
TOTAL COSTS	\$ -	\$ -	\$ -	\$ 54,860	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 54,860
Proposed Source of Funds											
Capital Replacement Fund	-	-	-	54,860	-	-	-	-	-	-	54,860
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ 54,860	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 54,860

This is a 4x4 mini-dump truck used by various street unit teams and was a front line cul-de-sac snow plowing truck. New guidelines recommend replacement in 15 years. Evaluation of vehicle condition suggests replacement per guideline cycle. This replacement request entered the CIP in 2010-2014 for 2014. Budget considerations have moved this request to 2015 and the new guidelines moved it out to 2018.



Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: 4x4 Crew Cab Pick-up Unit #97	Department: PW - Streets
Project Status: Retain from Previous CIP - Updated Costs	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number: 38000025-4603
Relationship to Other Projects:	

Description

Unit #97, Streets; 2007 Ford F350 4x4 XL Cab Pick-up Truck with Snow Plow
 VIN # 1FTWX315X7EA10842
 In Service Date: 07/20/06
 06/16 Mileage: 102,250

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle with	-	-	-	38,390	-	-	-	-	-	-	38,390
Snow Plow w/HYD & Accessories	-	-	-	-	-	-	-	-	-	-	-
TOTAL COSTS	\$ -	\$ -	\$ -	\$ 38,390	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 38,390
Proposed Source of Funds											
Capital Replacement Fund	-	-	-	38,390	-	-	-	-	-	-	38,390
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ 38,390	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 38,390

This is a 4x4 one ton crew cab pick-up truck used by the Pavement Maintenance and Forestry & Grounds maintenance teams. The unit is also a front line snow removal cul-de-sac plowing vehicle. New vehicle guidelines recommend replacement in 12 years. This replacement request entered the CIP in 2011-2015 for 2015. New guidelines have moved it out to 2018.



2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Insulated Diesel Exhaust Fluid Cabinet	Department:	PW - Streets
Project Status:	Retain from Previous CIP	Project Type:	90 - Non-automotive Equip
Location:	2405 Pembroke	Acct. Number:	37000025-4602
Relationship to Other Projects:			

Description

Diesel Exhaust Fluid (DEF) helps meet EPA 2010 NOx emissions standards. Most large diesel engine vehicles manufactured since 2010 utilize Selective Catalytic Reduction (SCR) requiring DEF injected into the exhaust stream to reduce NOx emissions in the engine's exhaust. Most diesel engines manufactured after 2013 require diesel exhaust fluid (DEF). This heated (DEF freezes at 12 degrees F) cabinet will hold a 270 gallon tote which would need to be refilled every other fuel delivery once diesel fleet is 100% DEF. The cabinet will be placed at the fueling island located at the Vehicle Maintenance Facility and tied into the current fueling system for dispensing of DEF. This includes all materials and labor to install.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017 -2024 Only
Diesel Exhaust Cabinet	-	-	-	30,000	-	-	-	-	-	-	30,000
TOTAL COSTS	\$ -	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000
Proposed Source of Funds											
General Fund	-	-	-	30,000	-	-	-	-	-	-	30,000
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000

Currently only 2 village vehicles require DEF with 4 additional vehicles being delivered in the later part of 2015. In 2016, as many as 6 more vehicles will require DEF. The practice now is purchasing DEF in 1 gallon containers due to the limited number of vehicles with the anticipation of being able to purchase in 55 gallon drums for future use.



Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: 4x4 Pick-Up Truck, Unit #22	Department: PW - Streets
Project Status: Retain from Previous CIP	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number: 37000025-4603
Relationship to Other Projects:	

Description

Unit #22, Fleet Services 2001 Ford F-250, 4x4 Pick-up Truck
 VIN #1FDNF21LX1EC72564
 In Service Date:06/21/01
 06/16 Mileage: 15,146

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle/Service Body	-	-	-	-	43,140	-	-	-	-	-	43,140
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ 43,140	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 43,140
Proposed Source of Funds											
General Fund 50%	-	-	-	-	21,570	-	-	-	-	-	21,570
Bond Issue	-	-	-	-	21,570	-	-	-	-	-	21,570
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ 43,140	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 43,140

This is a 4x4 pick-up truck used by the Fleet Services team as their field service truck. Guidelines recommend replacement in 12 years. Evaluation of vehicle condition suggests replacement per guideline cycle, although current mileage has allowed retainage of vehicle, and eventual replacement shall be evaluated annually.



Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Mini-Dump Truck Unit #41	Department: PW - Streets
Project Status: Retain from Previous CIP - Updated Costs	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number: 37000025-4603
Relationship to Other Projects:	

Description

Unit #41, Street FAST 2008 F550 4x4 Mini Dump Truck
 VIN # 1FDAF57R48EB62874 In Service Date: 10/04/07
 06/16 Mileage: 88,081

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle	-	-	-	-	47,130	-	-	-	-	-	47,130
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ 47,130	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 47,130
Proposed Source of Funds											
General Fund	-	-	-	-	47,130	-	-	-	-	-	47,130
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ 47,130	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 47,130

Description: This is a 4x4 mini-dump truck used by the street maintenance units and is a front line cul-de-sac snow plowing truck. Guidelines recommend replacement in 8 years. This replacement entered the CIP in 2013 - 2017 for 2017. Replacement recommended is without snow plow and accessories and is pushed out to 2019.



Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: 4x4 Mini-Dump Truck Unit #48	Department: PW - Streets
Project Status: Retain from Previous CIP	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number: 38000025-4603
Relationship to Other Projects:	

Description

Unit #48, Pavement Maintenance 2002 Ford F550 Mini Dump 4WD Truck
 VIN #1FDAF57F32EC85756
 In Service Date: 07/15/02
 06/15 Mileage: 71,210

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle	-	-	-	-	47,130	-	-	-	-	-	47,130
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ 47,130	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 47,130
Proposed Source of Funds											
Capital Replacement Fund	-	-	-	-	47,130	-	-	-	-	-	47,130
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ 47,130	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 47,130

Description: This is a 4x4 mini-dump truck used by the street maintenance units and is a front line cul-de-sac snow plowing truck. Guidelines recommend replacement in 8 years. This replacement entered the CIP in 2013 - 2017 for 2017. Replacement recommended is without snow plow and accessories and is pushed out to 2019.



Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Tractor/Mower Unit #144	Department:	PW - Streets
Project Status:	Retain from Previous CIP	Project Type:	90 - Non-automotive Equip
Location:	2305 Pembroke	Acct. Number:	37000025-4602
Relationship to Other Projects:			

Description

Unit #144, Forestry 1990 John Deere
 Serial #J002366
 In Service Date 6/1/90
 06/16 Hours: 1,240

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Tractor Mower With Attachments	-	-	-	-	41,900	-	-	-	-	-	41,900
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ 41,900	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 41,900
Proposed Source of Funds											
General Fund	-	-	-	-	41,900	-	-	-	-	-	41,900
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ 41,900	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 41,900

This is the Streets only heavy duty tractor mower with attachments inclusive of augers, rake and gang mower. Replacement need is evaluated annually because nothing runs like a Deere.



Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Dump Truck Unit #6	Department: PW - Streets
Project Status: Retain from Previous CIP - Updated Costs	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number: 37000025-4603
Relationship to Other Projects:	

Description

Unit #6, Streets 2005 International 2.5 ton Single Axle Dump Truck
 VIN # 1HTMKAAR85J046729
 In Service Date: 09/08/04
 06/16 Mileage: 56,931

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle with	-	-	-	-	184,190	-	-	-	-	-	184,190
12 Ft. Snowplow w/Hyd & Accessories,											
Automated Salt Spreader w/Liquid											
Dispensing System and Under-Body											
Snowplow											
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ 184,190	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 184,190
Proposed Source of Funds											
General Fund	-	-	-	-	184,190	-	-	-	-	-	184,190
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ 184,190	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 184,190

Guidelines recommend replacement after 15 years or 150,000 miles. This request is to replace this heavy duty single axle dump truck with same. This unit is a front line snow removal and salt spreading truck, also used throughout the construction season for hauling materials to and from in-house job sites. This replacement request entered the CIP in 2014-2021 for 2019.



Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Dump Truck Unit #7	Department: PW - Streets
Project Status: Retain from Previous CIP - Updated Costs	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number: 37000025-4603
Relationship to Other Projects:	

Description

Unit #7, Streets 2005 International 2.5 ton Single Axle Dump Truck
 VIN # 1HTMKAAR45Jo46730
 In Service Date: 09/08/04
 06/16 Mileage: 50,190

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle with	-	-	-	-	184,190	-	-	-	-	-	184,190
12 Ft. Snowplow w/Hyd & Accessories,											
Automated Salt Spreader w/Liquid											
Dispensing System and Under-Body											
Snowplow											
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ 184,190	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 184,190
Proposed Source of Funds											
General Fund	-	-	-	-	184,190	-	-	-	-	-	184,190
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ 184,190	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 184,190

Guidelines recommend replacement after 15 years or 150,000 miles. This request is to replace this heavy duty single axle dump truck with same. This unit is a front line snow removal and salt spreading truck, also used throughout the construction season for hauling materials to and from in-house job sites. This replacement request entered the CIP in 2014-2021 for 2019.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: 4X4 Pick Up Truck Unit #38	Department: PW - Streets
Project Status: Retain from Previous CIP	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number:
Relationship to Other Projects: None	

Description

Unit #38, 2008 Ford F350 4X4 Crew Cab with snow plow
VIN # 1FTWW31Y58EA97578
In Service Date: 06/05/07
06/16 Miles: 38,528

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle with	-	-	-	-	40,290	-	-	-	-	-	40,290
Snow Plow w/HYD & Accessories	-	-	-	-	-	-	-	-	-	-	-
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ 40,290	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,290
Proposed Source of Funds											
General Fund	-	-	-	-	40,290	-	-	-	-	-	40,290
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ 40,290	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,290

This is a 4x4 one ton pick-up truck used by the Pavement Maintenance and Forestry & Grounds maintenance teams. The unit is also a front line snow removal cul-de-sac plowing vehicle. New vehicle guidelines recommend replacement in 12 years. This replacement request entered the CIP in 2013-2017 for 2016. New guidelines then moved it out to 2019.



Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	4x4 Stake Body Crew Cab Truck, Unit #64	Department:	PW - Streets
Project Status:	Replacement of Current Equipment	Project Type:	80 - Automotive Equipment
Location:	2305 Pembroke Avenue	Acct. Number:	38000025-4603
Relationship to Other Projects:	None		

Description

Unit #64, Street 2008 Ford F550 4x4 Stake Body Crew Cab Truck
 VIN #1FDAW56Y18EB62873
 In Service Date: 07/18/07
 06/16 Mileage: 33,016

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle w/Hyd & Accessories	-	-	-	-	62,560	-	-	-	-	-	62,560
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ 62,560	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 62,560
Proposed Source of Funds											
General Fund	-	-	-	-	62,560	-	-	-	-	-	62,560
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ 62,560	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 62,560

This is a 4x2 stake body truck used by the Street Division throughout the construction season. Vehicle guidelines recommend replacement and current use suggest replacement be evaluated annually. This replacement entered the CIP in 2016 - 2023 for 2019.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: 4x4 Pick-up Truck Unit #31	Department: PW - Streets
Project Status: Retain from Previous CIP - Updated Costs	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number:
Relationship to Other Projects: None	

Description

Unit #31, 2008 Ford F250 4x4 XL Cab Pick-up Truck with Snow Plow
VIN # 1FTSX21568EE10133
In Service Date: 8/23/08
06/16 Mileage: 57,823

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle with	-	-	-	-	-	39,470	-	-	-	-	39,470
Snow Plow w/HYD Accessories	-	-	-	-	-	-	-	-	-	-	-
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 39,470	\$ -	\$ -	\$ -	\$ -	\$ 39,470
Proposed Source of Funds											
General Fund	-	-	-	-	-	39,470	-	-	-	-	39,470
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 39,470	\$ -	\$ -	\$ -	\$ -	\$ 39,470

This is a 4x4 one ton pick-up truck used by the Pavement Maintenance and Forestry & Grounds maintenance teams. The unit is also a front line snow removal cul-de-sac plowing vehicle. Vehicle guidelines recommend replacement in 12 years. This replacement request entered the CIP in 2012-2016 for 2016. New guidelines then moved it out to 2020.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: 4x4 Pick-up Truck Unit #36	Department: PW - Streets
Project Status: Retain from Previous CIP	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number:
Relationship to Other Projects:	

Description

Unit #36, 2008 Ford F250 XL Cab 4x4 Pick-up Truck with Snow Plow
 VIN # 1FTWW31Y58EA97578
 In Service Date: 8/23/08
 06/16 Mileage: 46,233

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle with	-	-	-	-	-	39,470	-	-	-	-	39,470
Snow Plow w/HYD Accessories	-	-	-	-	-	-	-	-	-	-	-
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 39,470	\$ -	\$ -	\$ -	\$ -	\$ 39,470
Proposed Source of Funds											
General Fund	-	-	-	-	-	39,470	-	-	-	-	39,470
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 39,470	\$ -	\$ -	\$ -	\$ -	\$ 39,470

This is a 4x4 one ton pick-up truck used by the Pavement Maintenance team and Forestry & Grounds maintenance teams. The unit is also a front line snow removal cul-de-sac plowing vehicle. Vehicle guidelines recommend replacement and current use suggest replacement per guideline schedule. This replacement request entered the CIP in 2012 -2016 for 2016. New guidelines then moved it out to 2020.



Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: 4x4 Stake Body Truck, Unit #43	Department: PW - Streets
Project Status: Retain from Previous CIP	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number: 37000025-4603
Relationship to Other Projects:	

Description

Unit #43, Storm Sewer 2006 Ford F350 4x4 Stake Body w/Plow
 VIN #1FDWF37PX6EA66821
 In Service Date: 09/30/05
 06/16 Mileage: 64,646

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle w/Hyd & Accessories	-	-	-	-	-	51,300	-	-	-	-	51,300
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 51,300	\$ -	\$ -	\$ -	\$ -	\$ 51,300
Proposed Source of Funds											
General Fund	-	-	-	-	-	51,300	-	-	-	-	51,300
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 51,300	\$ -	\$ -	\$ -	\$ -	\$ 51,300

This is a 4x4 stake body truck used by the Storm Sewer Maintenance Team throughout the construction season and was a front line snow removal cul-de-sac plowing vehicle. New guidelines recommend replacement in 15 years. This replacement request entered the CIP in 2009-2013 for 2013. Budget considerations had moved this request to 2015 and eliminate the 4X4 and snow plow components, then new guidelines moved it out to 2020.



Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Dump Truck Unit #16	Department: PW - Streets
Project Status: Retain from Previous CIP - Updated Costs	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number:
Relationship to Other Projects: None	

Description

Unit #16, Streets 2002 International 2.5 ton Single Axle Dump Truck
 VIN # 1HTWDAARX6J302600
 In Service Date: 01/10/06
 06/16 Mileage: 39,916

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle with	-	-	-	-	-	-	194,620	-	-	-	194,620
12 Ft. Snowplow w/Hyd & Accessories,											
Automated Salt Spreader w/Liquid											
Dispensing System and Under-Body											
Snowplow											
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 194,620	\$ -	\$ -	\$ -	\$ 194,620
Proposed Source of Funds											
General Fund	-	-	-	-	-	-	194,620	-	-	-	194,620
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 194,620	\$ -	\$ -	\$ -	\$ 194,620

Guidelines recommend replacement after 15 years or 150,000 miles. This request is to replace this heavy duty single axle dump truck with same. This unit is a front line snow removal and salt spreading truck, also used throughout the construction season for hauling materials to and from in-house job sites. This replacement request entered the CIP in 2014-2021 for 2021.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: 4x4 Pick-up Truck Unit #30	Department: PW - Streets
Project Status: Retain from Previous CIP	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number:
Relationship to Other Projects: None	

Description

Unit #30, 2008 Ford F250 4x4 Pick-up Truck with Snow Plow
VIN # 1FDWF31528EA67312
In Service Date: 07/01/07
06/16 Mileage: 43,115

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle with	-	-	-	-	-	-	50,120	-	-	-	50,120
Snow Plow w/HYD Accessories	-	-	-	-	-	-	-	-	-	-	-
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,120	\$ -	\$ -	\$ -	\$ 50,120
Proposed Source of Funds											
General Fund	-	-	-	-	-	-	50,120	-	-	-	50,120
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,120	\$ -	\$ -	\$ -	\$ 50,120

This is a 4x4 one ton pick-up truck used by the Pavement Maintenance and Forestry & Grounds maintenance teams. The unit is also a front line snow removal cul-de-sac plowing vehicle. Vehicle guidelines recommend replacement in 12 years. This replacement request entered the CIP in 2014-2021 for 2021.



Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: 4x4 Pick-up Truck Unit #32	Department: PW - Streets
Project Status: Retain from Previous CIP	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number:
Relationship to Other Projects: None	

Description

Unit #32, 2009 Ford F250 4x4 Pick-up Truck with Snow Plow
 VIN # 1FTNF21549EB00211
 In Service Date: 08/14/09
 06/16 Mileage: 25,790

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle with	-	-	-	-	-	-	40,560	-	-	-	40,560
Snow Plow w/HYD Accessories	-	-	-	-	-	-	-	-	-	-	-
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,560	\$ -	\$ -	\$ -	\$ 40,560
Proposed Source of Funds											
General Fund	-	-	-	-	-	-	40,560	-	-	-	40,560
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,560	\$ -	\$ -	\$ -	\$ 40,560

This is a 4x4 one ton pick-up truck used by the Pavement Maintenance and Forestry & Grounds maintenance teams. The unit is also a front line snow removal cul-de-sac plowing vehicle. Vehicle guidelines recommend replacement in 12 years. This replacement request entered the CIP in 2014-2021 for 2021.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: 4x4 Pick-up Truck Unit #39	Department: PW - Streets
Project Status: Retain from Previous CIP	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number:
Relationship to Other Projects:	

Description

Unit #39, 2009 Ford F250 4x4 Pick-up Truck with Snow Plow
VIN # 1FTNF21569EB00212
In Service Date: 08/14/09
06/16 Mileage: 25,399

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle with	-	-	-	-	-	-	40,560	-	-	-	40,560
Snow Plow w/HYD Accessories	-	-	-	-	-	-	-	-	-	-	-
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,560	\$ -	\$ -	\$ -	\$ 40,560
Proposed Source of Funds											
General Fund	-	-	-	-	-	-	40,560	-	-	-	40,560
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,560	\$ -	\$ -	\$ -	\$ 40,560

This is a 4x4 one ton pick-up truck used by the Pavement Maintenance and Forestry & Grounds maintenance teams. The unit is also a front line snow removal cul-de-sac plowing vehicle. Vehicle guidelines recommend replacement in 12 years. This replacement request entered the CIP in 2014-2021 for 2021.



Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Front End Loader Unit #50 **Department:** PW - Streets
Project Status: Retain from Previous CIP **Project Type:** 90 - Non-automotive Equip
Location: 2305 Pembroke **Acct. Number:** _____
Relationship to Other Projects: _____

Description

Unit #50; 2006 Volvo L70E End Loader Tractor
 Serial #L70EV61153
 In Service Date 04/07/06
 06/16 Hours: 1,235

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Tractor With Attachments	-	-	-	-	-	-	186,000	-	-	-	186,000
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 186,000	\$ -	\$ -	\$ -	\$ 186,000
Proposed Source of Funds											
General Fund	-	-	-	-	-	-	186,000	-	-	-	186,000
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 186,000	\$ -	\$ -	\$ -	\$ 186,000

This is the Streets only heavy duty end loader tractor with attachments inclusive of snow plow, snow bucket, dig bucket grapple bucket and benching plow. New guidelines call for replacement in 15 years. This replacement request entered the CIP in 2014-2021 for 2021.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: 4x4 Pick-Up Truck Unit #37	Department: PW - Streets
Project Status: Replacement of Current Equipment	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number: 38000025-4603
Relationship to Other Projects:	

Description

Unit #37, Streets Forestry Team 2012 Ford F350 4x4 Pick-up Truck
VIN # 1FD8W3B63CEA99148
In Service Date: 06/01/12
6/16 Mileage: 22,402

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle with	-	-	-	-	-	-	-	43,710	-	-	43,710
Snow Plow w/Hyd & Accessories	-	-	-	-	-	-	-	-	-	-	-
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 43,710	\$ -	\$ -	\$ 43,710
Proposed Source of Funds											
General Fund	-	-	-	-	-	-	-	43,710	-	-	43,710
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 43,710	\$ -	\$ -	\$ 43,710

This is a 4x4 one ton pick-up truck used by the Pavement Maintenance and Forestry & Grounds maintenance teams. The unit is also a front line snow removal cul-de-sac plowing vehicle. Vehicle guidelines recommend replacement in 12 years. This replacement request entered the CIP in 2015-2022 for 2022.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Service Van #92	Department: PW - Streets
Project Status: Replacement of Current Equipment	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number: 38000025-4603
Relationship to Other Projects:	

Description

Unit #92, Facilities 2007 Ford E150 Full Size Cargo/Service Van
VIN # 1FTNE14W27DA62157
In Service Date: 02/27/07
06/16 Mileage: 37,597

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle	-	-	-	-	-	-	-	26,850	-	-	26,850
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26,850	\$ -	\$ -	\$ 26,850
Proposed Source of Funds											
General Fund	-	-	-	-	-	-	-	26,850	-	-	26,850
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26,850	\$ -	\$ -	\$ 26,850

This is a full size service van used by yhr Facilities Team. Evaluation of unit's condition suggests replacement within guideline cycle. This replacement request entered the CIP in 20115-2022 for 2022.



Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: 4x4 Mini Dump Truck Unit #46 **Department:** PW - Streets
Project Status: Replacement of Current Equipment **Project Type:** 80 - Automotive Equipment
Location: 2305 Pembroke Avenue **Acct. Number:**
Relationship to Other Projects:

Description

Unit #46, Streets General Use 2009 Ford F550 4x4 Mini Dump Truck with Snow Plow & Spreader
VIN # 1FDAF57Y19EB00213
In Service Date: 08/14/09
06/16 Mileage: 43,350

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle and Dump Body	-	-	-	-	-	-	-	75,480	-	-	75,480
Snow Plow w/HYD & Accessories	-	-	-	-	-	-	-	15,970	-	-	15,970
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 91,450	\$ -	\$ -	\$ 91,450
Proposed Source of Funds											
Water Sewer Fund	-	-	-	-	-	-	-	75,480	-	-	75,480
General Fund	-	-	-	-	-	-	-	15,970	-	-	15,970
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 91,450	\$ -	\$ -	\$ 91,450

This is a 4x4 mini dump truck used by the Street Division Construction Maintenance team throughout the construction season and is a front line snow removal cul-de-sac plowing vehicle. This replacement request entered the CIP in 2015-2022 for 2022.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: 4x4 Stake Body Truck, Unit #44	Department: PW - Streets
Project Status: Replacement of Current Equipment	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number: 38000025-4603
Relationship to Other Projects: None	

Description

Unit #44, 2012 Ford F-350 4x4 Stake Body
VIN 1FDRF3H62CEA99147
IN Service Date 6/28/2012
6/16 Mileage: 16,460

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle w/Hyd & Accessories	-	-	-	-	-	-	-	-	63,650	-	63,650
Stake Body											
Lift Gate											
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 63,650	\$ -	\$ 63,650
Proposed Source of Funds											
General Fund	-	-	-	-	-	-	-	-	63,650	-	63,650
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 63,650	\$ -	\$ 63,650

This is a 4x4 stake body truck used by the Pavement Maintenance Team throughout the construction season and is a front line snow removal cul-de-sac plowing vehicle. Evaluation of unit's condition suggests replacement within guideline cycle. Replacement is recommended without snow plow and accessories. This replacement entered the CIP in 2016 - 2023 for 2023.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Sign Truck Stake Body 2 WD Truck Unit #47
Project Status: Replacement of Current Equipment
Location: 2305 Pembroke Avenue
Relationship to Other Projects: None

Department: PW - Streets
Project Type: 80 - Automotive Equipment
Acct. Number: 38000025-4603

Description

Unit #47, 2008 Ford F-550 Stake Body 2WD Truck
 VIN 1FDAF56Y78EE40286
 In Service Date 06/02/09
 06/16 Mileage 30,854

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle w/Hyd & Accessories	-	-	-	-	-	-	-	-	150,500	-	150,500
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,500	\$ -	\$ 150,500
Proposed Source of Funds											
General Fund	-	-	-	-	-	-	-	-	150,500	-	150,500
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,500	\$ -	\$ 150,500

This is a road sign service truck used throughout all seasons, most often (daily) by the traffic operations team. Evaluation of vehicle condition and associated after market equipment (main lift, boom arm hoist, hydrant post ponder, vehicle stabilizers) suggest replacement within guidelines. This replacement entered the CIP in 2016 - 2023 for 2023.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Tandem Axle Dump Truck Unit #17
Project Status: Replacement of Current Equipment
Location: 2305 Pembroke Avenue
Relationship to Other Projects: None

Department: PW - Streets
Project Type: 80 - Automotive Equipment
Acct. Number: 38000025-4603

Description

Unit #17, 2009 International 7400 Tandem Axle Dump Truck
 VIN 1HTWHAZT29J121869
 In Service Date 04/16/09
 06/16 Mileage 28,623

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle w/Hyd & Accessories including wing plow	-	-	-	-	-	-	-	-	-	220,000	220,000
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 220,000	\$ 220,000
Proposed Source of Funds											
General Fund	-	-	-	-	-	-	-	-	-	220,000	220,000
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 220,000	\$ 220,000

Guidelines recommend replacement after 15 years or 150,000 miles. This request is to replace this heavy duty tandem axle dump truck with same. This unit is a front line snow removal and salt spreading truck with "wing plow", also used throughout the construction season for hauling materials to and from in-house job sites. This replacement request entered the CIP in 2017-2024 for 2024.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Backhoe/Loader 4x4 Tractor Unit #56	Department: PW - Water & Sewer
Project Status: Retain from Previous CIP - Updated Costs	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number: 40407425-4603
Relationship to Other Projects:	

Description

Unit #56, 2001 John Deere 410G Backhoe/Loader 4x4 Tractor
VIN # T0410GX894563
In Service Date: 02/01/01
06/16 Hours: 2,630

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Tractor and associated Equipment	-	-	150,000	-	-	-	-	-	-	-	150,000
TOTAL COSTS	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Proposed Source of Funds											
Bond Issue	-	-	150,000	-	-	-	-	-	-	-	150,000
TOTAL FUNDS	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000

This is a Heavy Duty Backhoe/Loader Tractor used by the Water/Sewer Teams. This replacement request entered the CIP in 2012-2016 for 2016, although pushed out one year due to budget considerations.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: 100KW Portable Generator Unit #309	Department: PW - Water & Sewer
Project Status: Retain from Previous CIP - Updated Costs	Project Type: 90 - Non-automotive Equip
Location: 2305 Pembroke Avenue	Acct. Number: 40407425-4602
Relationship to Other Projects:	

Description

Unit #309, 1992 DMT 100CA Generator
VIN #92203001
In Service Date:
06/16 Hours: 1,527

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
100KW Portable Generator	-	-	-	63,600	-	-	-	-	-	-	63,600
TOTAL COSTS	\$ -	\$ -	\$ -	\$ 63,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 63,600
Proposed Source of Funds											
Bond Issue	-	-	-	63,600	-	-	-	-	-	-	63,600
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ 63,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 63,600

This is a 1992 model 100KW portable generator used for emergency power at water/sewer facilities and various other needs. this replacement request entered the CIP in 2011-2015 for 2015. Annual evaluation of unit's current condition pushed replacement recommendation to 2018.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Fork-Lift Truck Unit #303	Department:	PW - Water & Sewer
Project Status:	Retain from Previous CIP	Project Type:	90 - Non-automotive Equip
Location:	2305 Pembroke Avenue	Acct. Number:	40407425-4602
Relationship to Other Projects:			

Description

Unit #303, 1992 Clark GPX25
 In Service Date: 1992
 06/15 Hours: 1,784
 VIN #GPX23001058890K0F

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Fork Lift Complete	-	-	-	30,570	-	-	-	-	-	-	30,570
TOTAL COSTS	\$ -	\$ -	\$ -	\$ 30,570	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,570
Proposed Source of Funds											
Bond Issue	-	-	-	30,570	-	-	-	-	-	-	30,570
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ 30,570	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,570

This is a 1992 model fork-truck. This replacement request entered the CIP in 2011-2015 for 2015. Annual evaluation of unit's current condition pushed replacement recommendation to 2018.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Sky Jack Scissors Lift Unit #301	Department: PW - Water & Sewer
Project Status: Retain from Previous CIP - Updated Costs	Project Type: 90 - Non-automotive Equip
Location: 2305 Pembroke Avenue	Acct. Number: 40407425-4602
Relationship to Other Projects:	

Description

Unit #301
VIN # SJ3220 - 60652
In Service Date: 1991

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Scissors Lift Unit Complete	-	-	-	29,000	-	-	-	-	-	-	29,000
TOTAL COSTS	\$ -	\$ -	\$ -	\$ 29,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 29,000
Proposed Source of Funds											
Bond Issue	-	-	-	14,500	-	-	-	-	-	-	14,500
General Fund	-	-	-	14,500	-	-	-	-	-	-	14,500
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ 29,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 29,000

This is a 1991 model two person scissors lift. This replacement request entered the CIP in 2011-2015 for 2015. Annual evaluation of unit's current condition pushed replacement recommendation to



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	4x4 Pick-Up Truck w Plow Unit #27	Department:	PW - Water & Sewer
Project Status:	Retain from Previous CIP - Updated Costs	Project Type:	80 - Automotive Equipment
Location:	2305 Pembroke Avenue	Acct. Number:	37000025-4603
Relationship to Other Projects:			40407425-4603

Description

Unit #27, Water/Sewer Operations 2008 Ford F 250 4x4 Pick-up Truck w/Snowplow
VIN #1FTNF21548EB07514
In Service Date: 5/17/07
06/16 Mileage: 102,335

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle	-	-	-	-	29,180	-	-	-	-	-	29,180
Snow Plow w/ HYD Accessories	-	-	-	-	14,630	-	-	-	-	-	14,630
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ 43,810	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 43,810
Proposed Source of Funds											
Bond Issue	-	-	-	-	29,180	-	-	-	-	-	29,180
General Fund	-	-	-	-	14,630	-	-	-	-	-	14,630
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ 43,810	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 43,810

This is a 4x4 3/4 ton pick-up truck used by the Water/Sewer Teams. The unit is also a front line snow removal cul-de-sac plowing vehicle. New guidelines recommend replacement in 12 years. This replacement entered the CIP in 2012-2016 for 2016 and new guidelines moved it out to 2019.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	4x4 Pick-Up Truck w Plow Unit #63	Department:	PW - Water & Sewer
Project Status:	Retain from Previous CIP - Updated Costs	Project Type:	80 - Automotive Equipment
Location:	2305 Pembroke Avenue	Acct. Number:	40407325-4603
Relationship to Other Projects:			37000025-4603

Description

Unit #63, Water/Sewer Operations 2008 Ford F 250 4x4 Pick-up Truck w/Snowplow
VIN #1FTNF21528EB07513
In Service Date: 5/23/07
06/16 Mileage: 132,342

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle	-	-	-	-	29,180	-	-	-	-	-	29,180
Snow Plow w/ HYD Accessories	-	-	-	-	14,630	-	-	-	-	-	14,630
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ 43,810	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 43,810
Proposed Source of Funds											
Water & Sewer Fund	-	-	-	-	29,180	-	-	-	-	-	29,180
General Fund	-	-	-	-	14,630	-	-	-	-	-	14,630
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ 43,810	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 43,810

This is a 4x4 3/4 ton pick-up truck used by the Water/Sewer Teams. The unit is also a front line snow removal cul-de-sac plowing vehicle. New guidelines recommend replacement in 12 years. This replacement entered the CIP in 2012-2016 for 2016 and new guidelines moved it out to 2019.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: 4x2 heavy Duty ServiceTruck Unit #20	Department: PW - Water & Sewer
Project Status: Replacement of Current Equipment	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number:
Relationship to Other Projects:	

Description

Unit #20, Water/Sewer Operations 2008 Ford F 550 4x2 Service Truck
VIN #1FDAF56Y48EC15131
In Service Date: 11/21/07
06/16 Mileage: 69,895

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle	-	-	-	-	-	130,450	-	-	-	-	130,450
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 130,450	\$ -	\$ -	\$ -	\$ -	\$ 130,450
Proposed Source of Funds											
Water & Sewer Fund	-	-	-	-	-	130,450	-	-	-	-	130,450
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 130,450	\$ -	\$ -	\$ -	\$ -	\$ 130,450

This is a 4x2 Heavy Duty pick-up truck used by the Water/Sewer Operations Team for servicing wells, towers and lift stations. New guidelines recommend replacement in 12 years. This replacement entered the CIP in 2015-2022 for 2020.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: 4x4 Pick-Up Truck w Plow Unit #26	Department: PW - Water & Sewer
Project Status: Retain from Previous CIP - Updated Costs	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number:
Relationship to Other Projects:	

Description

Unit #26, Water/Sewer Operations 2008 Ford F 250 4x4 Pick-up Truck w/Snowplow
VIN #1FDNF21588EE30718
In Service Date: 8/23/08
06/16 Mileage: 79,613

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle	-	-	-	-	-	30,000	-	-	-	-	30,000
Snow Plow w/ HYD Accessories	-	-	-	-	-	15,030	-	-	-	-	15,030
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 45,030	\$ -	\$ -	\$ -	\$ -	\$ 45,030
Proposed Source of Funds											
Water & Sewer Fund	-	-	-	-	-	30,000	-	-	-	-	30,000
General Fund	-	-	-	-	-	15,030	-	-	-	-	15,030
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 45,030	\$ -	\$ -	\$ -	\$ -	\$ 45,030

This is a 4x4 one ton pick-up truck used by the Water/Sewer maintenance teams. The unit is also a front line snow removal cul-de-sac plowing vehicle. Vehicle guidelines recommend replacement in 2020 and current use suggest replacement per guideline schedule. This replacement request entered the CIP in 2012-2016 for 2016 and new guidelines moved it out to 2020.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: 4x4 Pick-up Utility Truck Unit #70	Department: PW - Water & Sewer
Project Status: Retain from Previous CIP - Updated Costs	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number: 40407325-4603
Relationship to Other Projects:	

Description

Unit #70, 2008 Dodge RAM 2500 4x4 Pick-up Truck with Snow Plow
VIN # 3D6WS26D98G248582
In Service Date: 10/20/08
06/16 Mileage: 52,420

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle	-	-	-	-	-	30,000	-	-	-	-	30,000
Snow Plow w/HYD Accessories	-	-	-	-	-	15,030	-	-	-	-	15,030
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 45,030	\$ -	\$ -	\$ -	\$ -	\$ 45,030
Proposed Source of Funds											
Water/Sewer Fund	-	-	-	-	-	30,000	-	-	-	-	30,000
General Fund	-	-	-	-	-	15,030	-	-	-	-	15,030
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 45,030	\$ -	\$ -	\$ -	\$ -	\$ 45,030

This is a 4x4 one ton pick-up truck used by the Water/Sewer maintenance teams. The unit is also a front line snow removal cul-de-sac plowing vehicle. Vehicle guidelines recommend replacement in 2020 and current use suggest replacement per guideline schedule. This replacement request entered the CIP in 2012-2016 for 2016 and new guidelines moved it out to 2020.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	4x2 3/4 Ton Pick-Up Truck Unit #18	Department:	PW - Water & Sewer
Project Status:	Retain from Previous CIP	Project Type:	80 - Automotive Equipment
Location:	2305 Pembroke Avenue	Acct. Number:	
Relationship to Other Projects:			

Description

Unit #18, Water/Sewer Construction 2009 Ford F 250 4x2 Pick-up Truck
VIN #1FTSX20589EA93801
In Service Date: 06/29/09
06/16 Mileage: 68,666

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle	-	-	-	-	-	-	31,830	-	-	-	31,830
New - 4x4 Snow Plow w/HYD Accessories	-	-	-	-	-	-	15,500	-	-	-	15,500
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 47,330	\$ -	\$ -	\$ -	\$ 47,330
Proposed Source of Funds											
Water & Sewer Fund	-	-	-	-	-	-	31,830	-	-	-	31,830
General Fund	-	-	-	-	-	-	15,500	-	-	-	15,500
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 47,330	\$ -	\$ -	\$ -	\$ 47,330

This is a 4x2 3/4 ton pick-up truck used by the Water/Sewer Construction Teams. Guidelines recommend replacement per guideline schedule. Replacement unit is recommended to become a front line snow removal cul-de-sac plowing vehicle. This replacement request entered the CIP in 2014.- 2021 for 2021.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: 4x2 Mini-Pick-Up Truck Unit #25	Department: PW - Water & Sewer
Project Status: Retain from Previous CIP	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number: 40407325-4603
Relationship to Other Projects:	

Description

Unit #25, Water/Sewer 2009 Ford Ranger 4x2 Mini-Pick-up Truck
VIN #1FTYR14D89PA44232
In Service Date: 05/19/09
06/16 Mileage: 38,006

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle	-	-	-	-	-	-	29,210	-	-	-	29,210
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 29,210	\$ -	\$ -	\$ -	\$ 29,210
Proposed Source of Funds											
Water & Sewer Fund	-	-	-	-	-	-	29,210	-	-	-	29,210
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 29,210	\$ -	\$ -	\$ -	\$ 29,210

This is a 4x2 mini pick-up truck used by the Water/Sewer Construction Teams. Guidelines recommend replacement per guideline schedule. Replacement is recommended to be an identical class vehicle. This replacement request entered the CIP in 2014 - 2021 for 2021.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: 4x4 Mini Dump Truck Unit #61	Department: PW - Water & Sewer
Project Status: Retain from Previous CIP	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number: 40407325-4603
Relationship to Other Projects:	

Description

Unit #61, Water/Sewer General Use 2007 Ford F550 4x4 Mini Dump Truck with Snow Plow & Spreader
VIN # 1FDAF57P87EA44548
In Service Date: 09/15/06

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle and Dump Body	-	-	-	-	-	-	73,280	-	-	-	73,280
Snow Plow w/HYD & Accessories	-	-	-	-	-	-	15,500	-	-	-	15,500
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 88,780	\$ -	\$ -	\$ -	\$ 88,780
Proposed Source of Funds											
Water Sewer Fund	-	-	-	-	-	-	73,280	-	-	-	73,280
General Fund	-	-	-	-	-	-	15,500	-	-	-	15,500
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 88,780	\$ -	\$ -	\$ -	\$ 88,780

This is a 4x4 mini dump truck used by the Water/Sewer Construction Maintenance team throughout the construction season and is a front line snow removal cul-de-sac plowing vehicle. New vehicle guidelines recommend replacement in 2021. This replacement request entered the CIP in 2011-2015 for 2015 and new guidelines moved it out to 2021.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	4x2 Mini Pick-Up Truck Unit #77	Department:	PW - Water & Sewer
Project Status:	Retain from Previous CIP	Project Type:	80 - Automotive Equipment
Location:	2305 Pembroke Avenue	Acct. Number:	
Relationship to Other Projects:			

Description

Unit #77, Water/Sewer Customer Service 2009 Ford Ranger Mini Pick-up Truck
VIN #1FTYR14DX9PA44233
In Service Date: 07/01/09

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle	-	-	-	-	-	-	29,210	-	-	-	29,210
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 29,210	\$ -	\$ -	\$ -	\$ 29,210
Proposed Source of Funds											
Water & Sewer Fund	-	-	-	-	-	-	29,210	-	-	-	29,210
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 29,210	\$ -	\$ -	\$ -	\$ 29,210

This is a 4x2 mini pick-up truck used by the Water/Sewer Customer Service Team. Guidelines recommend replacement per guideline schedule. Replacement is recommended to be an identical class vehicle. This replacement request was entered in the CIP in 2014-2021 for 2021.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: 4x4 Pick-Up Truck w Plow Unit #19	Department: PW - Water & Sewer
Project Status: Replacement of Current Equipment	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number: 40407325-4603
Relationship to Other Projects:	

Description

Unit #19, Water/Sewer 2012 Ford F 350 4X4 Pick-up Truck w/ Snowplow
VIN #1FDBF2B61CEC31450
In Service Date: 09/01/12
06/16 Mileage: 30,908

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle w/lift gate	-	-	-	-	-	-	-	52,500	-	-	52,500
Snow Plow w/ HYD Accessories	-	-	-	-	-	-	-	15,970	-	-	15,970
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 68,470	\$ -	\$ -	\$ 68,470
Proposed Source of Funds											
Water & Sewer Fund	-	-	-	-	-	-	-	52,500	-	-	52,500
General Fund	-	-	-	-	-	-	-	15,970	-	-	15,970
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 68,470	\$ -	\$ -	\$ 68,470

This is a 4x4 3/4 ton pick-up truck used by the Water/Sewer Teams. The unit is also a front line snow removal cul-de-sac plowing vehicle. New guidelines recommend replacement in 12 years. This replacement entered the CIP in 2015-2022 for 2022.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: 4x2 Full Size Service Van Unit #28	Department: PW - Water & Sewer
Project Status: Replacement of Current Equipment	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number: 40407325-4603
Relationship to Other Projects:	

Description

Unit #28, Water/Sewer Operations 2007 Ford E 250 Service Van
VIN #1FTYR14DX9PA44233
In Service Date: 2/27/07
06/16 Mileage: 54,950

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle	-	-	-	-	-	-	-	33,200	-	-	33,200
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,200	\$ -	\$ -	\$ 33,200
Proposed Source of Funds											
Water & Sewer Fund	-	-	-	-	-	-	-	33,200	-	-	33,200
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,200	\$ -	\$ -	\$ 33,200

This is a 4x2 Service Van used by the Water/Sewer Operations Team. Guidelines recommend replacement per guideline schedule. Replacement is recommended to be an identical class vehicle. This replacement request was entered in the CIP in 2015-2022 for 2022.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: 4x4 Flat Bed Truck Unit #62	Department: PW - Water & Sewer
Project Status: Replacement of Current Equipment	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number: 40407325-4603
Relationship to Other Projects:	

Description

Unit #62, Water/Sewer FAST Team 2012 Ford F 350 Flat Bed Truck
VIN #1FD8X3B69CEC27353
In Service Date: 09/01/12
06/16 Mileage: 21,960

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle	-	-	-	-	-	-	-	39,740	-	-	39,740
Snow Plow w/HYD & Accessories	-	-	-	-	-	-	-	15,970	-	-	15,970
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 55,710	\$ -	\$ -	\$ 55,710
Proposed Source of Funds											
Water & Sewer Fund	-	-	-	-	-	-	-	39,740	-	-	39,740
General Fund	-	-	-	-	-	-	-	15,970	-	-	15,970
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 55,710	\$ -	\$ -	\$ 55,710

This is a 4x4 flat bed truck used by the Water/Sewer FAST team throughout the construction season and is a front line snow removal cul-de-sac plowing vehicle. New vehicle guidelines recommend replacement in 2022. This replacement request entered the CIP in 2015-2022 for 2022 .



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	4x4 Mini SUV Unit # 23	Department:	PW - Water & Sewer
Project Status:	Replacement of Current Equipment	Project Type:	80 - Automotive Equipment
Location:	2305 Pembroke Avenue	Acct. Number:	
Relationship to Other Projects:			

Description

Unit #23, Water/Sewer Utility Locates 2012 Ford Escape Hybrid 4X4 SUV
 VIN #1FMCU5K37CKA10034
 In Service Date: 07/18/11
 06/16 Mileage: 78,458

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle	-	-	-	-	-	-	-	40,720	-	-	40,720
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,720	\$ -	\$ -	\$ 40,720
Proposed Source of Funds											
Water & Sewer Fund	-	-	-	-	-	-	-	40,720	-	-	40,720
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,720	\$ -	\$ -	\$ 40,720

This is a 4x4 mini SUV used by the Water/Sewer Underground Utility Locate Team. New guidelines recommend replacement in 12 years. This replacement entered the CIP in 2015-2022 for 2022.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Semi Tractor Truck & Dump Trailer Unit #68	Department: PW - Water & Sewer
Project Status: Replacement of Current Equipment	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number:
Relationship to Other Projects:	

Description

Unit #68, Water/Sewer 2005 International 7600 Semi Tractor Truck Cab and Trailer
 VIN #1HSWXHR45J129396
 In Service Date: 8/10/07
 06/16 Mileage: 113,623

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle	-	-	-	-	-	-	-	136,000	-	-	136,000
Trailer	-	-	-	-	-	-	-	60,000	-	-	60,000
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 196,000	\$ -	\$ -	\$ 196,000
Proposed Source of Funds											
Water & Sewer Fund	-	-	-	-	-	-	-	117,600	-	-	117,600
General Fund	-	-	-	-	-	-	-	78,400	-	-	78,400
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 196,000	\$ -	\$ -	\$ 196,000

This is Semi Tractor and Dump Trailer used by the Water/Sewer Underground Construction Team and Street Division to a lesser extent. The existing tractor unit and trailer were both purchased used in 2007. This replacement entered the CIP in 2015-2022 for 2022.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: 4x2 Pick Up Truck, Unit #21	Department: PW - Water & Sewer
Project Status: Replacement of Current Equipment	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number:
Relationship to Other Projects:	

Description

Unit #21, 2011 Ford F-150 4x2 Pick Up Truck
VIN 1FTMF1CMXBKD68939
IN Service Date 8/17/2011

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle	-	-	-	-	-	-	-	-	23,750	-	23,750
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 23,750	\$ -	\$ 23,750
Proposed Source of Funds											
Water/Sewer Fund	-	-	-	-	-	-	-	-	23,750	-	23,750
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 23,750	\$ -	\$ 23,750

Guidelines recommend replacement in 9 years. Evaluation of unit's condition, reliability, and usage targets replacement within guidelines. This is a water customer service vehicle currently being evaluated for downsizing as a flex fuel/hybrid unit. This replacement entered the CIP in 2016 - 2023 for 2023.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: 4x2 1/2 Ton Pick-Up Truck Unit #24
Project Status: Replacement of Current Equipment
Location: 2305 Pembroke Avenue
Relationship to Other Projects:

Department: PW - Water & Sewer
Project Type: 80 - Automotive Equipment
Acct. Number:

Description

Unit #24, Water/Sewer Operations 2011 Ford F-250 4x2 Pick-up Truck
 VIN 1FDBF2A67BEC78286
 In Service Date 7/18/11
 6/16 Mileage 46,160

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle w/Hyd & Accessories	-	-	-	-	-	-	-	-	42,500	-	42,500
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 42,500	\$ -	\$ 42,500
Proposed Source of Funds											
Water/Sewer Fund	-	-	-	-	-	-	-	-	42,500	-	42,500
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 42,500	\$ -	\$ 42,500

Guidelines recommend replacement in 9 years. Evaluation of unit's condition, reliability, and usage targets replacement withing guidelines. This is a water and sewer operations vehicle currently being evaluated for downsizing and as a flex fuel/hybrid unit. This replacement entered the CIP in 2016 - 2023 for 2023.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Utility Van; Unit #60	Department: PW - Water & Sewer
Project Status: Replacement of Current Equipment	Project Type: 80 - Automotive Equipment
Location: 2305 Pembroke Avenue	Acct. Number:
Relationship to Other Projects:	

Description

Unit #60, Water/Sewer 2009 Ford E450 Utility Van
VIN# 1FCLE49L09DA19687
In Service Date: 05/01/2009
6/16 Mileage 26,596

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Vehicle & Accessories	-	-	-	-	-	-	-	-	-	75,000	75,000
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000
Proposed Source of Funds											
Water/Sewer Fund	-	-	-	-	-	-	-	-	-	75,000	75,000
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000

Guidelines recommend replacement in 9 years. Evaluation of unit's condition, reliability, and usage targets replacement withing guidelines. This is a water and sewer underground construction tool & equipment vehicle which is highly used. This replacement entered the CIP in 2017 - 2024 for 2024.



Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Code Enforcement Division Vehicles	Department:	DS - Code Enforcement
Project Status:	Replacement of Current Equipment	Project Type:	80 - Automotive Equipment
Location:	Village Hall	Acct. Number:	(1) 37000025-4603
Relationship to Other Projects:			(2) 38000025-4603

Description

Unit C05, 2009 Toyota Prius Hybrid, 6/2/16 mileage 75,131	Unit C82, 2007 Ford F-150, 6/2/16 mileage 72,962	Unit C99, 2015 Ford Focus, 6/2/16 mileage 4,243
Unit C74, 2007 Ford Crown Victoria, 6/2/16 mileage 77,613	Unit C91, 2007 Ford Crown Victoria, 6/2/16 mileage 86,337	Unit C99A, 2002 Chevy Blazer (SUV), 6/2/16 mileage 87,500
Unit C79, 2007 Ford F-150 Ex Cab, 6/2/16 mileage 43,522	Unit C92, 2011 Ford Crown Victoria, 6/2/16 mileage 113,920	
Unit C81, 2007 Ford F-150 Ex Cab, 6/2/16 mileage 84,913	Unit C93, 2010 Ford Crown Victoria, 6/2/16 mileage 109,959	

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Unit C91 automobile	-	-	-	14,690	-	-	-	-	-	-	14,690
Unit C74 automobile	-	-	-	14,690	-	-	-	-	-	-	14,690
Unit C99A SUV	-	-	20,600	-	-	-	-	-	-	-	20,600
Unit C99 automobile	-	-	-	-	-	-	-	-	-	-	-
Unit C05 automobile	-	-	-	-	-	15,280	-	-	-	-	15,280
Unit C79 pickup	-	-	-	-	21,630	-	-	-	-	-	21,630
Unit C81 pickup	-	-	-	-	21,630	-	-	-	-	-	21,630
Unit C82 pickup	-	-	-	-	21,630	-	-	-	-	-	21,630
Unit C92 automobile*	-	-	-	-	-	-	-	-	-	-	-
Unit C93 automobile*	-	-	-	-	-	-	-	-	-	-	-
TOTAL COSTS	\$ -	\$ -	\$ 20,600	\$ 29,380	\$ 64,890	\$ 15,280	\$ -	\$ -	\$ -	\$ -	\$ 130,150
Proposed Source of Funds											
General Fund (1)	-	-	-	29,380	64,890	15,280	-	-	-	-	109,550
Capital Replacement Fund (2)	-	-	20,600	-	-	-	-	-	-	-	20,600
TOTAL FUNDS	\$ -	\$ -	\$ 20,600	\$ 29,380	\$ 64,890	\$ 15,280	\$ -	\$ -	\$ -	\$ -	\$ 130,150

*C92 & C93 will be replaced with repurposed police vehicles in 2017 or 2018.
Vehicle useful life may be extended, depending on operating and maintenance costs.
Recommended replacement intervals: 12 years or 100,000 miles.

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Transportation/Engineering Vehicle Replacement	Department: DS - Transp. & Engin.
Project Status: Replacement of Current Equipment	Project Type: 80 - Automotive Equipment
Location: Various	Acct. Number: (1) 37000025-4603
Relationship to Other Projects:	(2) 38000025-4603

Description

Unit E75, 2013 Ford Escape (SUV), 6/2/16 mileage 16,915 Unit E95, 2013 Ford F-150 (Pickup), 6/2/16 mileage 10,901
 Unit E90, 2006 Ford Explorer (SUV), 6/2/16 mileage 42,459 Unit E98, 2008 Ford Escape (SUV), 6/2/16 mileage 64,414
 Unit E94, 2002 Dodge Dakota (Pickup), 6/2/16 mileage 49,643 miles - deferred from 2015 to 2016

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Unit E94 Pickup (Capital Replacement)	31,000	32,630	-	-	-	-	-	-	-	-	-
Unit E90 SUV	-	-	-	30,000	-	-	-	-	-	-	30,000
Unit E98 SUV	-	-	-	-	30,000	-	-	-	-	-	30,000
Unit E75 SUV	-	-	-	-	-	-	-	-	-	-	-
Unit E95 Pickup	-	-	-	-	-	-	-	-	-	-	-
TOTAL COSTS	\$ 31,000	\$ 32,630	\$ -	\$ 30,000	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60,000
Proposed Source of Funds											
General Fund (1)	-	-	-	30,000	30,000	-	-	-	-	-	60,000
Capital Replacement Fund (2)	31,000	32,630	-	-	-	-	-	-	-	-	-
TOTAL FUNDS	\$ 31,000	\$ 32,630	\$ -	\$ 30,000	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60,000

Unit E94 was budgeted \$27,000 in 2015 but deferred to 2016 due to cost and budget. Vehicle useful life may be extended, depending on operating and maintenance costs. In addition, Police vehicles may be re-purposed for use in Development Services Department in lieu of a new vehicle.

Recommended replacement intervals: 12 years or 100,000 miles.

**Village of Hoffman Estates, Illinois
2017- 2024 Capital Improvements Program
Summary of Capital Requests**

Group: Technology (Project Type 70)

Page	Project	Dept	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024
234	In-Car Digital Video Cameras	20	39,410	57,100	38,200	38,200	50,200	38,200	62,500	42,500	366,310
236	Emergency Medical Services Reporting Program	30	-	30,000	-	-	-	-	35,000	-	65,000
237	Personal Computer Replacements	70	113,000	113,000	113,000	113,000	113,000	113,000	113,000	123,000	914,000
238	Network File Server Replacements	70	105,000	30,000	30,000	30,000	45,000	140,000	30,000	30,000	440,000
239	Computer Software	70	60,000	10,500	10,500	10,500	10,500	10,500	10,500	10,500	133,500
240	Wireless Infrastructure	70	-	45,000	-	-	40,000	-	-	45,000	130,000
241	Wireless infrastructure upgrade	70	180,000	20,000	20,000	20,000	20,000	20,000	180,000	20,000	480,000
242	Telephone System Replacement	70	29,000	29,000	29,000	120,000	30,000	30,000	30,000	30,000	327,000
243	Sungard upgrade	70	30,000	-	-	50,000	-	30,000	-	50,000	160,000
244	Records Digitization and Document Management	70	50,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	155,000
245	Annual PC Replacement/I.T. Projects	41	35,000	30,000	5,500	5,500	5,500	6,000	6,000	6,000	99,500
	Total Technology:		641,410	379,600	261,200	402,200	329,200	402,700	482,000	372,000	\$ 3,270,310

Department Codes:

- | | |
|-----------------------|------------------------------|
| 10 General Government | 41 Sears Centre Arena |
| 20 Police | 50 Development Services |
| 30 Fire | 60 Economic Development Area |
| 40 Public Works | 70 Information Systems |

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	In-Car Digital Video Cameras	Department:	Police
Project Status:	Replacement of Current Equipment	Project Type:	70 - Technology
Location:	Based at 411 W Higgins	Acct. Number:	47008625-4602 Server Replacement
Relationship to Other Projects:			01202124-4542 Lease; 01202124-4510 Maintenance

Description

In-car video camera systems enhance the ability to capture and convict violators, provide an unbiased account of police interactions, ensure appropriate police behavior, and provide valuable data in efforts to ensure homeland security which enhances citizen confidence in the police profession. In 2013, a 5 year lease option was entered into for 21 cameras that would enable the department to stay current with technology and save money annually bringing the total number of cameras to 27. Due to life span and technology advancements the server purchased in 2013 will be replaced in 2017, a new 5 year lease will be investigated in 2018 and a new lease and server replacement again in 2021 for all 27 camera.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
6 @ \$7,500											
Lease of 21 new cameras	27,410	27,410	27,410	-	-	-	-	-	-	-	27,410
Installation of new cameras	-	-	-	18,900	-	-	-	-	20,000	-	38,900
Maintenance on current cameras											
1 @ \$12,000 (Main Server Replacement every 4 years)	-	-	12,000	-	-	-	12,000	-	-	-	24,000
Lease of 27 cameras	-	-	-	30,500	30,500	30,500	30,500	30,500	34,000	34,000	220,500
Software licensing and maintenance	-	-	-	7,700	7,700	7,700	7,700	7,700	8,500	8,500	55,500
TOTAL COSTS	\$ 27,410	\$ 27,410	\$ 39,410	\$ 57,100	\$ 38,200	\$ 38,200	\$ 50,200	\$ 38,200	\$ 62,500	\$ 42,500	\$ 366,310
Proposed Source of Funds											
General Fund	-	-	-	29,690	10,790	10,790	10,790	10,790	35,090	15,090	123,030
IS User Charges	-	-	12,000	-	-	-	12,000	-	-	-	24,000
DUI Reimbursement Fund	27,410	27,410	27,410	27,410	27,410	27,410	27,410	27,410	27,410	27,410	219,280
TOTAL FUNDS	\$ 27,410	\$ 27,410	\$ 39,410	\$ 57,100	\$ 38,200	\$ 38,200	\$ 50,200	\$ 38,200	\$ 62,500	\$ 42,500	\$ 366,310

See next page for additional justification.



Village of Hoffman Estates, Illinois
2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Emergency Medical Services Reporting Program	Department:	Fire
Project Status:	Replacement of Current Equipment	Project Type:	70 - Technology
Location:	All Fire Stations	Acct. Number:	47008625-4602
Relationship to Other Projects:			

Description

The records management software being used by the Northwest Community Hospital EMS System is Imagtrend. This system was put in place during 2009. We currently have 8 units on our ALS vehicles. This request would replace the current units and add additional units to be placed on our responding Engines that have the need for completing reports in the field. This would keep our equipment in good working order for proper EMS reporting .

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Computer Reporting Tablets (10 units @ \$3,000 ea)	-	-	-	30,000	-	-	-	-	35,000	-	65,000
TOTAL COSTS	\$ -	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ 65,000
Proposed Source of Funds											
IS User Charges	-	-	-	30,000	-	-	-	-	35,000	-	65,000
TOTAL FUNDS	\$ -	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ 65,000

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Personal Computer Replacements	Department:	Information Systems
Project Status:	Retain from Previous CIP	Project Type:	70 - Technology
Location:	Village-Wide	Acct. Number:	47008625-4602
Relationship to Other Projects:	None		

Description

We currently maintain a four year replacement cycle for desktop and laptop computers allowing us to spread the cost more evenly among several years. In doing so we have been able to keep pace with technology while eliminating repair costs. We are also seeing an increase of requests for laptops as well as tablets and realize the need to incorporate these into the replacement cycle as well. The Fire Department has 21 vehicle laptops and the Police Department has 36 vehicle laptops and are also on a four year replacement lifecycle.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Personal Computer Replacements	41,000	41,000	42,000	42,000	42,000	42,000	42,000	42,000	42,000	52,000	346,000
Public Safety Replacements											
Police (Panasonic)	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	360,000
Fire (Motorola)	26,000	26,000	26,000	26,000	26,000	26,000	26,000	26,000	26,000	26,000	208,000
TOTAL COSTS	\$ 112,000	\$ 112,000	\$ 113,000	\$ 113,000	\$ 113,000	\$ 113,000	\$ 113,000	\$ 113,000	\$ 113,000	\$ 123,000	\$ 914,000
Proposed Source of Funds											
IS User Charges	112,000	112,000	113,000	113,000	113,000	113,000	113,000	113,000	113,000	123,000	914,000
TOTAL FUNDS	\$ 112,000	\$ 112,000	\$ 113,000	\$ 113,000	\$ 113,000	\$ 113,000	\$ 113,000	\$ 113,000	\$ 113,000	\$ 123,000	\$ 914,000

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Network File Server Replacements	Department:	Information Systems
Project Status:	Replacement of Current Equipment	Project Type:	70 - Technology
Location:	Village-Wide	Acct. Number:	47008625-4602
Relationship to Other Projects:			

Description

Strategically, we replace our file servers on a schedule similar to that of our PC workstations, generally a four year replacement cycle. We have moved two major applications to Hosted environments and have consolidated servers, reducing our over all server footprint. The issue of Disaster Recovery and redundancy is being addressed in 2017. Server virtualization and network equipment is being budgeted to address the weak areas.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Replacement File Servers	25,000	25,000	45,000	30,000	30,000	30,000	45,000	30,000	30,000	30,000	270,000
Storage Area Network	-	-	-	-	-	-	-	110,000	-	-	110,000
Cloud Backup	-	-	30,000	-	-	-	-	-	-	-	30,000
WAN Optimization	-	-	30,000	-	-	-	-	-	-	-	30,000
TOTAL COSTS	\$ 25,000	\$ 25,000	\$ 105,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 45,000	\$ 140,000	\$ 30,000	\$ 30,000	\$ 440,000
Proposed Source of Funds											
IS User Charges	25,000	25,000	105,000	30,000	30,000	30,000	45,000	140,000	30,000	30,000	440,000
TOTAL FUNDS	\$ 25,000	\$ 25,000	\$ 105,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 45,000	\$ 140,000	\$ 30,000	\$ 30,000	\$ 440,000

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Computer Software	Department: Information Systems
Project Status: New Request	Project Type: 70 - Technology
Location: Village-Wide	Acct. Number: 47008625-4619
Relationship to Other Projects:	

Description

The time entry system for union employees at the Police Department, Public Work Department and Fire Department needs a more robust system than what is included in our current ERP application. The current system whereby administrative assistants tabulate the time for each employee, add to an Excel spreadsheet and forward to Payroll for processing. Our goal for this project is to automate this and take it out of the administrative assistants hands, saving time and money in the process.

The Fire department wants to move from the Firehouse reporting system to an alternative application which offers better support and functionality.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Time Keeping Software (Executime)	-	-	35,000	10,500	10,500	10,500	10,500	10,500	10,500	10,500	108,500
Fire Reporting Software	25,000	-	25,000	-	-	-	-	-	-	-	25,000
TOTAL COSTS	\$ 25,000	\$ -	\$ 60,000	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 133,500
Proposed Source of Funds											
IS User Charges	25,000	-	60,000	10,500	10,500	10,500	10,500	10,500	10,500	10,500	133,500
TOTAL FUNDS	\$ 25,000	\$ -	\$ 60,000	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 133,500

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Wireless Infrastructure	Department: Information Systems
Project Status: Replacement of Current Equipment	Project Type: 70 - Technology
Location: Village-Wide	Acct. Number: 47008625-4602
Relationship to Other Projects:	

Description

This project's intent is to provide cellular and WiFi connections for Police and Fire vehicles. Since 2014, 36 Police and 19 Fire vehicles have been equipped with Sierra Public Safety Access Devices which use our Verizon cell connectivity. The purchase was performed from the State of Illinois contract using E911 funds. Funding for the yearly cellular subscription is also through the E911 fund. Both wireless controllers and approximately half of the Village's internal wireless access points were replaced in 2015. The wireless controllers are used to administer the Village's wireless infrastructure while the wireless access points provide connectivity to the various wireless devices operated by the Village.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Wireless Controller Replacement	25,000	15,000	-	-	-	-	40,000	-	-	-	40,000
Sierra Public Safety Access Devices	-	-	-	45,000	-	-	-	-	-	45,000	90,000
TOTAL COSTS	\$ 25,000	\$ 15,000	\$ -	\$ 45,000	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ 45,000	\$ 130,000
Proposed Source of Funds											
IS User Charges	25,000	15,000	-	45,000	-	-	40,000	-	-	45,000	130,000
TOTAL FUNDS	\$ 25,000	\$ 15,000	\$ -	\$ 45,000	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ 45,000	\$ 130,000

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Wireless infrastructure upgrade	Department:	Information Systems
Project Status:	Replacement of Current Equipment	Project Type:	70 - Technology
Location:	Village wide	Acct. Number:	47008625-4602
Relationship to Other Projects:			47008625-4619

Description

In 2008 the Village enhanced its wireless communications abilities among Village Facilities for the first responders by upgrading its public band wireless links to licensed private band links. This eliminated the congestion, increased throughput and allowed for other technologies, such as streaming video for training, to be possible. In 2010 the Village added an additional link to the Sears Center Arena allowing staff, including Public Safety personnel to have access back to the Village's network. The current equipment no longer carries a vendor or manufacturer warranty and went End of Life.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
DragonWave replacement	180,000	-	180,000	-	-	-	-	-	180,000	-	360,000
Maintenance and support	-	-	-	20,000	20,000	20,000	20,000	20,000	-	20,000	120,000
TOTAL COSTS	\$ 180,000	\$ -	\$ 180,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 180,000	\$ 20,000	\$ 480,000
Proposed Source of Funds											
IS User Charges	180,000	-	-	20,000	20,000	20,000	20,000	20,000	180,000	20,000	300,000
IS Fund Balance	-	-	180,000	-	-	-	-	-	-	-	180,000
TOTAL FUNDS	\$ 180,000	\$ -	\$ 180,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 180,000	\$ 20,000	\$ 480,000

in 2014. This project will replace the current system with an upgraded version of the DragonWave system, increasing the current bandwidth from 400Mbps to 600Mbps, adds an additional link from the Beverly water tower to Fire Station 24 and allows us to retain our FCC licensing. The funds allocated past 2016 represent the cost of support and hardware for the system.

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Telephone System Replacement	Department:	Information Systems
Project Status:	Replacement of Current Equipment	Project Type:	70 - Technology
Location:	Village-Wide	Acct. Number:	(1) 47008524-4542
Relationship to Other Projects:			(2) 47008625-4602

Description

This project is designed to prevent the breakdown of our internal telephone system. The current Cisco VoIP system was installed in 2007. In 2014 the system received a complete hardware and software upgrade. Our goal is to continue with an annual hardware and software replacement/upgrade, similar to what we do with our servers and computers. Replacement of actual telephones is on an individual "break" basis. We currently replace approximately 20 telephones per year and funds are being requested through the Operating Budget to cover this.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Telephone System Replacement	-	-	-	-	-	120,000	-	-	-	-	120,000
Support Services	-	-	29,000	29,000	29,000	-	30,000	30,000	30,000	30,000	207,000
TOTAL COSTS	\$ -	\$ -	\$ 29,000	\$ 29,000	\$ 29,000	\$ 120,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 327,000
Proposed Source of Funds											
IS User Charges (1)	-	-	29,000	29,000	29,000	-	30,000	30,000	30,000	30,000	207,000
IS User Charges (2)	-	-	-	-	-	120,000	-	-	-	-	120,000
TOTAL FUNDS	\$ -	\$ -	\$ 29,000	\$ 29,000	\$ 29,000	\$ 120,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 327,000

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name: Sungard upgrade	Department: Information Systems
Project Status: New Request	Project Type: 70 - Technology
Location: Village wide	Acct. Number: 47008625-4619
Relationship to Other Projects:	

Description

This project is intended to upgrade both eFinance and eCommunity PLUS software. Upgrading assures that we are operating with the latest software that offers new feature enhancements.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Upgrade to eFinancePLUS and CommunityPLUS	42,500	35,000	-	-	-	50,000	-	-	-	50,000	100,000
End user training	7,500	7,500	-	-	-	-	-	-	-	-	-
Community PLUS OPTIMIZATION	-	-	30,000	-	-	-	-	30,000	-	-	60,000
TOTAL COSTS	\$ 50,000	\$ 42,500	\$ 30,000	\$ -	\$ -	\$ 50,000	\$ -	\$ 30,000	\$ -	\$ 50,000	\$ 160,000
Proposed Source of Funds											
IS User Charges	50,000	42,500	30,000	-	-	50,000	-	30,000	-	50,000	160,000
TOTAL FUNDS	\$ 50,000	\$ 42,500	\$ 30,000	\$ -	\$ -	\$ 50,000	\$ -	\$ 30,000	\$ -	\$ 50,000	\$ 160,000

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Records Digitization and Document Management	Department:	Information Systems
Project Status:	New Request	Project Type:	70 - Technology
Location:	Village-Wide	Acct. Number:	47008625-4619
Relationship to Other Projects:			

Description

Document management is software that controls and organizes documents throughout an organization. It incorporates document and content capture, workflow, document repositories, and information retrieval systems. Document management systems today range in size and scope from small, standalone systems to large scale enterprise-wide configurations serving a global audience. Many document management systems provide a means to incorporate standard physical document filing practices electronically. These include: Storage location, Security and access control, Version control, Audit trails, Check-in/check-out and document lockdown.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
Document Management	-	-	50,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	155,000
TOTAL COSTS	\$ -	\$ -	\$ 50,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 155,000
Proposed Source of Funds											
IS User Charges	-	-	50,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	155,000
TOTAL FUNDS	\$ -	\$ -	\$ 50,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 155,000

Village of Hoffman Estates, Illinois 2017 - 2024 Eight Year Capital Improvements Program

Project Information

Project Name:	Annual PC Replacement/I.T. Projects	Department:	Sears Centre Arena
Project Status:	Retain from Previous CIP	Project Type:	70 - Technology
Location:	Sears Centre Arena	Acct. Number:	41008024-4507.48
Relationship to Other Projects:			

Description

Annual PC replacement is on a 4 year cycle (similar to Village of Hoffman Estates' IS policy). The point of sale equipment, which will be 10 years old in 2017, is due for replacement with newer technology before system and equipment fail. Similarly, the computer servers for F&B operations will also need replacement. As part of a Village-wide security camera proposal, cameras will be installed at the Sears Centre Arena. Cost will be determined through the Request for Proposal process.

Project Cost Description	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	2023	2024	Total 2017-2024 Only
PC Replacement (annual)	7,000	5,000	5,000	5,000	5,500	5,500	5,500	6,000	6,000	6,000	44,500
Replace F&B computer servers	5,000	-	-	5,000	-	-	-	-	-	-	5,000
Replace firewall	-	-	20,000	-	-	-	-	-	-	-	20,000
Replace WIFI Controller	-	-	-	20,000	-	-	-	-	-	-	20,000
New Telephone System	-	-	10,000	-	-	-	-	-	-	-	10,000
TOTAL COSTS	\$ 12,000	\$ 5,000	\$ 35,000	\$ 30,000	\$ 5,500	\$ 5,500	\$ 5,500	\$ 6,000	\$ 6,000	\$ 6,000	\$ 99,500
Proposed Source of Funds											
SCA Operating Budget	12,000	5,000	5,000	5,000	5,500	5,500	5,500	6,000	6,000	6,000	44,500
Unfunded	-	-	30,000	25,000	-	-	-	-	-	-	55,000
TOTAL FUNDS	\$ 12,000	\$ 5,000	\$ 35,000	\$ 30,000	\$ 5,500	\$ 5,500	\$ 5,500	\$ 6,000	\$ 6,000	\$ 6,000	\$ 99,500