Village of Oak Park
2014-2016 IT Strategic Plan

Draft for Internal Review and Discussion Only 2/20/14
Working Revision Draft: 08/19/16

OPEN PROJECTS

Board Adoption: 8/4/14
Green - Generally completed
Yellow - Actively in-progress
Pink - Preliminary work started

Ref.	#	Project Title	Brief Description	Department	Telecomm & Cabling FY14 (High)	GIS & MAD FY14/15 (High)	Permit, License & Inspection FY15 (High)	911 CAD/Related RMS FY15 (High)	Police & VH Video (High)	Parking Technology (Medium)	Video & Keycard Security (Medium)	Financial (ERP) (Medium)	Fiber Network (Medium)	CRM - TBD (Low)	Records Info. Mgt. - TBD (Low)	Miscellaneous Projects	Intermediate / Major Projects	Board Goal #1: Economic Development	Board Goal #2: Intergovernmental Relations	Board Goal #3: Service Delivery	Board Goal #4: Eisenhower
FY15	1	Enhance Online Services	E-pay of local ordinance citations	Adjudication			FY17													X	
FY15	2	Paperless Adjudication	Electronic check in of citizens for parking hearings	Adjudication						FY17+										X	
FY15	3	Adjudication Database Upgrade	Update Adjudication's Local Ordinance database	Adjudication			More work													X	
FY15	4	Adjudication Data Upgrade	Implement "uniform bar code" for all citations, notices, orders, letter, etc.	Adjudication			More work			More work										X	
FY15	5	Enhance Online Services	Update web-based appeal process to accept electronic evidence submission	Adjudication						FY17+										X	
FY16	1	Paperless Adjudication	Implement technology for Administrative Law Judges to issues decisions via computer (currently, decisions are handwritten)	Adjudication			FY17			FY17+										X	
FY16	2	Virtual Adjudication Hearings	Implement technology for Administrative Hearings to be conducted via "Skype" (or similar)	Adjudication													More research			X	
FY15	7	Employee Technology Use & Upgrades	Update all Adobe Creative Suite software critical to Communications Department mission	Communications												FY17				X	
FY15	8	VOP -TV Technology	Update, as necessary, Avid and other software required for VOP-TV editing suite	Communications												FY17				X	
FY16	3	Website updates	Reconfigure all online services pages to conform to current website design (branding) and upcoming responsive design	Communications												More work		X		X	
FY16	4	Staff skill development	Identify IT staff and/or consultant with Drupal skillset	Communications												Not Currently Feasible		X		X	
New16	1	Map Service compatibility	Test iFrame capability with Story Map and imbed MapOffice & Community Portal to village website.	Communications																X	
New16	2	VOP-TV Control Room	Addition of Control Room reconfiguration to eliminate out dated equipment for FY17.	Communications																X	
FY15	10	Paperless Construction Permitting	Develop system to allow for credit card swiping at permit counter	Development Customer Services			FY16					FY17			FY17			X		X	
FY16	6	Digitization of Department Records	Implement a large plan size document archive system	Development Customer Services			FY16								FY17			X		X	
FY15	15	PeopleSoft Replacement	Replace the Financial Software System used for budgeting, AP, General Ledger and related.	Finance								FY17								X	
FY15	16	Utility Billing Software Replacement	Migration of Data from MSi for Utility Billing into the new Financial Software System	Finance								FY17								X	

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FY15	17	Cashiering Software Replacement	Migration of Data from CORE for Cashiering into the new Financial Software System	Finance								FY17								X	
FY15	19	Online Services Enhancement	Migration from current Web-based payment solution to Vendor – evaluate alternatives of moving to new finance system or through credit card processor gateway	Finance								FY17								X	
FY15	20	Financial Database Replacement	Replacement of VAX for Police Paid Leave Time – Migration of Data to new scheduling software	Finance												FY17+				X	
FY15	28	Digitization of Department Records	Scan, store and archive department records/paperwork	Finance and all			FY16	FY16		FY17		FY17			FY17					X	
FY16	10	Full GIS Implementation: Internal and External	e.g. Enhance use of GIS by integrating fire hydrant mapping and the establish a user-friendly platform for analysis of incident data	Fire		FY16														X	
FY16	12	Fire Station hardware upgrades	Link the three Village Fire Stations for technology for training, meetings, etc. and expand to other District XI fire stations.	Fire									In Use by FD			More Work Dist. XI			X	X	
FY16	13	Fire Personnel Safety upgrades	Evaluate and implement Fire Personnel Accountability System for incidents	Fire													TBD			X	
New16	3	Video Training	Create videos for internal staff process	Fire																X	
New16	4	FireHouse Incident Reporting	Reporting of data monthly/weekly/daily	Fire																X	
New16	5	Reverse 911	Consolidated reverse 911 service among WestCom members	Fire/Police/PW																X	
FY15	57	Web-based Employee Services	Implement additional functionality for web-based services for Village employee and retirees (e.g. payroll, benefits, etc)	HR												FY14-Q4				X	
FY16	16	Paperless HR	Implement paperless HR employee form system for everything internal/external (workflow)	HR							TBD				TBD					X	
FY15	31	Security audit	Security audit	IT													FY17			X	
FY15	32	Disaster recovery plan	Disaster recovery plan	IT													FY17			X	
FY15	34	Employee Technology Use & Upgrades	Continued evaluation of employee use of mobile devices (cell phones & tablets)	IT												FY16 on-going		X		X	
FY16	17	Single-mode fiber upgrade	Single-mode fiber upgrade	IT									FY17-19					X		X	
FY16	19	Employee Technology Use & Upgrades	Ensure replacement schedule for computers, printers and copiers is established and funded.	IT and all													FY16 on-going			X	

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FY16	20	Remote Training	Improve functionality for web-based employee training opportunities - especially in public safety areas	IT and all	FY15 Feb. '15								FY17-19							X	
FY15	35	Law Database Upgrade	Migrate internal database to Risk Management legacy application.	Law													More research			X	
FY15	36	Parking Security Upgrades	Upgrade the Public Parking Garage video security system and the cabling	Parking							FY16							X		X	
FY15	38	Parking Security Upgrades	Garage intercom system with cabling	Parking	FY16						FY16							X		X	
FY15	39	Paperless Parking Payments: Garages	Evaluate implementation of License Plate Recognition (LPR) system – eliminates decals for parking permit/vehicle sticker. Aids the enforcement process	Parking						FY17								X		X	
FY16	21	Full GIS Implementation: Internal and External	e.g. Update database for on-street parking restrictions and associated maps	Parking		FY16														X	
New16	6	Digital Parking Signs	On street signs of available garage spaces	Parking						FY16								X		X	
FY16	9	Mobile Parking Permitting	Implement technology to support kiosks for parking permit applications and create a mobile office at Village Hall for residents/contractors to use and submit online permits	Parking Services and Development Customer Services						FY17								X		X	
FY15	54	Employee Technology Use & Upgrades	Police Scheduling Software	Police																X	
FY15	55	Online Services Enhancement	Online crime reporting system for minor offenses	Police																X	
FY15	56	Employee Technology Use & Upgrades	In-car printers for police to issue traffic citations	Police				FY16												X	
FY16	23	Paperless Reporting	Implement technology for full functionality of in-car police reporting	Police				FY16												X	
FY15	22	CAD/Record Management System Upgrade	Police & Fire MDT's & printers need to be upgrade and depend upon CAD upgrade due to operating system requirements. –	Police/Fire/IT				FY16											X	X	
FY15	37	Public Works Security Upgrades	Upgrade the Public Public Works video security system and the cabling	Public Works							FY16									X	
FY15	44	Employee Technology Use & Upgrades	Finish setting up water and sewer geodatabases and link them to sewer tapes.	Public Works		FY16 on-going														X	
FY15	45	Employee Technology Use & Upgrades	Link IMS pavement management database to photographs taken along routes.	Public Works												FY17				X	
FY15	46	Database Upgrade	Work with IT expand capabilities of Master Address System.	Public Works		FY16												X	X	X	
FY15	47	Database Upgrade	Fleet Management Software, CFA upgrade.	Public Works												TBD				X	

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		Core System Priority:			High	High	High	High	High	Medium	Medium	Medium	Medium	Low	Low						
FY15	48	GPS Use in Municipal Fleet	GPS in 5 more trucks. On-going and for all depts.	Public Works												FY16				X	
FY15	49	Public Works Security Upgrades	Alarm for when the NPS or SPS when both pumps are at 100% (Set to Max) to alert us to a major usage event.	Public Works												FY16				X	
FY15	50	Software Upgrades	Incorporate the ability to automatically create monthly EPA reports within SCADA.	Public Works												FY16				X	
FY15	51	Public Works Security Upgrades	Incorporate pressure monitors strategically throughout water distribution system w/ alarms to predicting potential vulnerable areas for water main breaks.	Public Works												FY16				X	
FY15	52	Employee Technology Use & Upgrades	Install "Emergin" web messenger to replace emergency pager.	Public Works			TBD													X	
FY15	53	GIS Upgrade	Continuing a street light inventory and integrating with Village's GIS System.	Public Works		TBD														X	
FY16	24	Digitization of Department Records	Implement a large plan size document archive system	Public Works										FY17			X			X	
FY16	25	Paperless field work/inspections	Obtain ruggedized laptop/tablets for field use	Public Works										FY18			X			X	
FY16	26	Implemented 3-1-1 CRM (Citizen Relationship Management) solution	Implement asset management/work order software program that is integrated with Village's GIS, such as City Works or Cartegraph.	Public Works										FY18						X	
FY16	27	Implemented 3-1-1 CRM (Citizen Relationship Management) solution	Replace current in-house MS Access database "Request for Action" (RFA) Work order system with a Village wide database	Public Works										FY18						X	
FY16	28	Replacement of Security Access Village Worksites	Update and/or install a new access controls system for employees at all Village worksites (Fire Stations, Police, Public Works sites, Public Parking Garages, Village Hall)	Public Works							FY16									X	
FY16	30	SCADA* software replacement	Supervisory Control and Data Acquisition (SCADA) software manages potable water operations (e.g. pump station operations, disinfections rates and reservoir levels).	Public Works											TBD					X	
FY16	31	CFA software upgrade	Computer Fleet Analysis (CFA) software requires annual software version updates to properly function.	Public Works											FY16					X	
FY16	32	GPS Use in Municipal Fleet	Complete outfitting Village trucks/vehicles with GPS	Public Works												FY16				X	
FY16	33	Fiber Upgrades	Evaluate the need to upgrade to fiber cable between Village facilities	Public Works									FY17-19							X	
FY16	34	Fixed Networking	Establish Fixed network for instantaneous water meter readings.	Public Works													FY19-20			X	
FY16	35	Traffic Signal Monitoring	Evaluate and implement video monitoring on traffic signals in the Village	Public Works										FY16-17						X	
FY16	36	Implemented 3-1-1 CRM (Central Service Request system)	Identity and implement technology best practice technology to handle and track and address day to day non-emergency service needs of residents and visitors	Village Manager's Office										FY17						X	

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				Core System Priority:	High	High	High	High	High	Medium	Medium	Medium	Medium	Low	Low						
New16	7	Granicus iLegislate	Expand agenda for all boards and commissions	Village Manager's Office											FY17					X	