

**Village of Oak Park
Equipment Replacement Fund Project Sheet
2017 - 2021**

Project: **Fiber Infrastructure Upgrade**

Category: **Equipment Replacement Fund**



Description:
Fiber infrastructure upgrade

Justification:

This is a core system and infrastructure in the IT Strategic Plan. With the increase services and devices, e.g. video, data, voice, mobile devices and field activities, the fiber upgrade to single mode fiber will significantly increase transmission speeds, build data infrastructure resiliency and allow for anticipated future capacity of services for at least 10 years.

Current Status:

Village currently uses multi-mode fiber data communication to almost all remote facilities. This older technology has significantly lower data and distance capacity that requires additional field equipment in a challenging environment and therefore causing service outages.

Expenditures	Actuals		Budget FY 2016	Year End Estimate FY 2016	Budget				
	FY2014	FY 2015			FY2017	FY 2018	FY2019	FY 2020	FY 2021
Fiber Infrastructure			442,597	-	435,000	635,000	535,000	5,000	5,000
Total:	-	-	442,597	-	435,000	635,000	535,000	5,000	5,000
Funding Sources									
3029-41040-884-540690			442,597	-	119,557	319,557	219,557	2,052	2,052
Parking Fund			92,403	-	92,403	92,403	92,403	864	864
Water Fund			223,041	-	223,041	223,041	223,041	2,084	2,084
Net Annual Total:	-	-	758,040	-	435,000	635,000	535,000	5,000	5,000