

Program/Service Cost Analysis:	50/50 Share Cost for Tree Planting
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General Fund	Budget
Total Service/Program Cost	FY 2019
Personnel	
Operating Supplies	
Travel and Training	
Hotel/Motel	\$ 75,000.00

	Yes	No
Can we charge a user fee for this service/program?	x	
Is this a service/program that benefits only certain residents/businesses?	x	

Current Level of Service

The Village currently covers the full costs of trees planted in the parkway for between 200 - 250 trees. When plantings are tied to the development of a parcel the developer pays \$350 per tree to cover the cost of tree installation once the project is completed. A survey of surrounding communities found that this is the most common practice.

Level of Service Option 1

Continue to plant 200-250 trees annually and institute a \$100 fee to accelerate planting at a given address. Currently only one local community has a fee near this level. Based upon their experience 75 residents might pay the fee. This would be a gain of \$7500 from fees collected. Those unwilling or unable to pay the fee would see increased wait times for a replacement tree to be planted.

Level of Service Option 2

Continue to plant trees tied to property development, but require a \$100 fee for residents and businesses seeking to have removed trees replaced. Based upon the experience of the community mentioned above, the total number of trees planted is estimated to drop by 50%. This would result in a gain of \$45,000/year (\$37,500 in reduced tree planting costs plus \$7,500 in collected fees). This option will result in a net loss of trees as those unwilling or unable to pay will not have replacement trees planted.

Level of Service Option 3

Reduce the total number of trees planted buy 50%. This would result in \$37,500 in reduced costs. It would also drastically increase the time between when a tree in removed to when the replacement tree is planted. Wait times could increase from less than one year to up to three years based upon current tree mortality rates.

Potential Fees to offset loss of parkway trees to construction

Trees recently removed for development

Common Name	DBH		Appraised Value	Condition Rating	Value/inch
Norway Maple	21 in		\$2,308.04	37.5	\$109.91
Hybrid Elm	10 in		\$1,509.96	84.38	\$151.00
Crabapple resistant	3 in				
Ivory Silk Lilac	3 in		\$378.51	94.8	\$126.17
Freeman Maple					
Bur Oak	11 in		\$2,469.49	87.5	\$224.50
Thornless Honeylocus	13 in		\$3,345.47	93.75	\$257.34
Siberian Elm	35 in		\$7,292.39	56.25	\$208.35
Siberian Elm	39 in		\$8,215.96	53.12	\$210.67

Replacement value collection			Apraised Value	at \$150/in	at \$175/in	at \$200/in
Common Name	DBH		Value			
Norway Maple	21 in		\$2,308.04	\$3,150.00	\$3,675.00	\$4,200.00
Hybrid Elm	10 in		\$1,509.96	\$1,500.00	\$1,750.00	\$2,000.00
Crabapple resistant	3 in			\$450.00	\$525.00	\$600.00
Ivory Silk Lilac	3 in		\$378.51	\$450.00	\$525.00	\$600.00
Freeman Maple					\$0.00	\$0.00
Bur Oak	11 in		\$2,469.49	\$1,650.00	\$1,925.00	\$2,200.00
Thornless Honeylocus	13 in		\$3,345.47	\$1,950.00	\$2,275.00	\$2,600.00
Siberian Elm	35 in		\$7,292.39	\$5,250.00	\$6,125.00	\$7,000.00
Siberian Elm	39 in		\$8,215.96	\$5,850.00	\$6,825.00	\$7,800.00

Cost to replant an equivalent number of diameter inches					
Common Name	DBH		2" trees	Cost/tree	Total cost
Norway Maple	21 in		10.5	\$350.00	\$3,675.00
Hybrid Elm	10 in		5	\$350.00	\$1,750.00
Crabapple resistant	3 in		1.5	\$350.00	\$525.00
Ivory Silk Lilac	3 in		1.5	\$350.00	\$525.00
Freeman Maple					
Bur Oak	11 in		5.5	\$350.00	\$1,925.00
Thornless Honeylocus	13 in		6.5	\$350.00	\$2,275.00
Siberian Elm	35 in		17.5	\$350.00	\$6,125.00
Siberian Elm	39 in		19.5	\$350.00	\$6,825.00

Community	Share Progra	Details	Comments	contact	phone
Aurora	yes	\$150 per 2" tree	limited choices		
Elburn	yes	resident pays 50% entire cost (tree and planting)	resident pays 50% entire cost (tree and planting)		
Glen Ellyn	yes	\$85 bumps to top of list	prior program 100% tree cost = top of list, 50% = below 100%ers low interest until cost dropped to \$85	Kathy Horn	630-469-6756
2 programs		Res plants own, with approval and permit			
Hazel Crest	yes	resident pays 50% tree cost			
Hinsdale	yes	\$260 partial reimbursement	res pays, need parkway permit	John Finnel	630-789-7043
Homewood	yes	resident pays 50% tree cost	Two tree limit- resident must plant tree	Jim Tresouthick	email
Joliet	yes	\$75 - \$150 per tree	resident pays 50% entire cost (tree and planting)		
Naperville	yes	resident pays 50% tree cost			
Oak Lawn	yes*	\$100 per tree (2" to 2.5" tree 1/3 cost) \$50 per tree (1.25" native 1/3 cost) \$125-\$150 - 2.5" tree (80-150/yr)	nightmare to manage	Matt Basile	708-499-7098
Schaumburg	yes		can upgrade to 4" for more \$ plant free trees EAB replace	Justin Briski	
Skokie	yes	\$150 flat fee, replacements free	low use 10 out of 500 trees/yr	Liz Zimmerman	847-933-8427
2 options		Res plants own, with approval and permit			
South Elgin	yes	resident pays 50% entire cost (tree and planting)			
Westmont	yes*	50/50 based on avg cost	prepay	Jon Yeater	630-981-6271
2 programs		resident planting with approval	no reimbursement		
Wilmette	yes	Village \$125, resident rest of cost	# seems to be growing EAB caused spike but almost caught up on those replacements	John Kempainen	847-853-7587
Niles	no	Had been 50% repayment	poor response, forester approval	Fred Braun	847-588-7900

Survey on collection of tree replacement fees for development removals

Developer	Tree Removal Fees	Fee to remove	Replacements?	Formula for replacements	Notes
	Parkway trees removal?			1 for 1 up to 16", >16" PP formula used	Collect \$350 for each tree required, refund for each planted, remaining "deposit" becomes fee
Glenview	permit required	\$1000/tree	yes	16-20 medium value tree = 8 replacements	feels it undervalue trees, but reflects replacement costs
Westmont	permit required	\$170/inch DBH	yes		
Northbrook	permit required	\$100-150/inch DBH	yes, flat \$350 + reforestation fee	Reforestation fee (see removal fee)	reduced fee of \$25/inch on nuisance trees collects full appraised value of tree
Oak Park	permit required				replacements required prior to COO approval
Algonquin	if no other option	\$100/inch DBH	if room, developer plants, city chooses tree	replacement tree size deducted from loss.	
	Building Permits not issued until all fees collected	\$325/inch DBH			fees collected if not room to plant sufficient replacements at development site
Sacramento		\$500/inch DBH		inch for inch requirement	if no room, trees planted elsewhere on public ROW
Park Ridge	permit required	fine Tree Value + removal cost + replacement tree	\$375 per required tree	inch DBH in adjudication	
Glen Ellyn	permit required			CTLA Appraisal guide replace or trunk formula	\$500 for replacement trees, up to \$2000 deposit for tree protection
Chicago	permit required			CTLA Appraisal guide replace or trunk formula	only allowed if no other reasonable alternative to removal