

# Elizabeth Dean Fund Committee

## STAFF REPORT: NOVEMBER 10, 2020

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### PROJECT UPDATES

#### 1. Leslie Science and Nature Center

Pruning of the apple trees happened 11/3. Scott Spooner, Parks Maintenance Manager reported that one of the apple trees had fallen in the high winds we had a few days previously.

We have not received an invoice for this work, but it will be slightly less than previously expected as one of the trees is no longer there.



#### 2. Hanover Park

The committee approved funding for 4 trees to replace two dead and two declining Bradford pears at this pocket park. Due to low overhead utility lines here, parks staff have decided to plan 4 1.75-inch caliper Autumn brilliance serviceberry trees (*Amelanchier x grandiflora* 'Autumn Brilliance'). Trees will be planted this fall.

#### 3. Cranbrook Park

The Committee approved funding for 2 trees, or a maximum cost of \$600.00 to be planted along the path in Cranbrook Park. Parks staff have decided to plant 3 trees: (1) 2-inch caliper Fall fiesta sugar

maple (*Acer saccharum* 'Fall Fiesta') and (2) northern red oaks (*Quercus rubra*). Trees will be planted this fall.

## POTENTIAL PROJECTS

## 1. Westover & Jackson Area

Staff has reached out to engineering, and they aren't aware of any projects planned for this area. They have reached out to the CIP planning team to see if there are any project planned for this area within the next 5 years. Staff will continue to work with engineering to determine if this is a viable planting area.



## TREE INVENTORY UPDATE

The data collection component of the Street and Park tree inventory update was completed on 10/9. With a count of 60,713 updated sites comprised of 56,636, with the remaining either stumps or vacant planting sites.

We anticipated up to a 10% gain in our tree counts. Street tree numbers grew by about 6% while parks surpassed the 10% mark. Funding levels did not allow for the update of Buhr Park and no addition trees were added to Fuller Park, although trees already existing within the inventory were updated there. Every other park in town was updated.

Additionally, due to budgetary restrictions, staff had to choose between adding all street trees to the inventory or just updating existing trees within the inventory to capture vacant planting sites. Staff agreed that it was more important to gather the data for existing trees than vacant planting sites. Staff will add the vacant planting sites to the updated inventory.

Here is a breakdown of the inventory:

Frequency reports		
Sites	Street tree count	Park tree count
Total Sites updated	53,570	7,343
Trees Removed	3,100	938
Sites Added to Inventory	3,489	733
Maintenance	Street tree count	Park tree count
Priority 1 Removal	414	48
Priority 2 Removal	894	112
Priority 3 Removal	1,395	376
Priority 1 Prune	2,439	235
Priority 2 Prune	4,611	517

Tree Benefits
Sites Benefits
<b>56,636</b> Calculated Trees
Total Yearly Eco Benefits <b>\$6,288,388.70</b>
Greenhouse Gas Benefits <b>\$47,482.68</b> 9,346,430.42 lbs CO <sub>2</sub> avoided 6,809,628.63 lbs CO <sub>2</sub> sequestered
Water Benefits <b>\$511,123.80</b> 63,890,474.49 gallons saved
Energy Benefits <b>\$2,549,254.58</b> 3,849,513.74 kWh saved 1,427,512.57 Therms saved
Air Quality Benefits <b>\$386,757.14</b> 62,629.93 lbs pollutants saved
Property Benefits <b>\$2,793,770.51</b> 4,643,192.47 leaf surface area (sq.ft.)

In the coming weeks, we will transition to the updated inventory. We will also receive a detailed summary report for our inventory giving overviews of species diversity, overall benefits, and general health and age of our urban forest. This 18-20-page report will be shared with this committee.

## COMMITTEE TERMS UPDATE

### 1. Committee Vacancies

The committee continues to have one vacancy. If you know of anyone that is interested in serving on the committee, please have them apply or reach out to me.