Council Workshop

Emerald ash borer (EAB)

January 7, 2019
Emerald Ash Borer (EAB) timeline in Des Moines

- 2002 EAB discovered MI
- 2006 stopped planting ash in DM
- 2010 EAB in NE Iowa
- February, 2014 Council Workshop
- April, 2014 Public Workshop
- Established FY2014-15 CIP, C051PW99, MS012, Miscellaneous Improvements, Emerald Ash Borer Response Plan, page 7, $880,000 annually
- June, 2014 Roll Call 14-0973 approved annual spending up to $880,000 for the first 5 years of program
- *January, 2016 EAB in Des Moines*
- Request FY20 budget support of $300K
WHY ARE WE SO CONCERNED ABOUT EAB?

1. The **SAFETY** impact of dead ash trees in high, moderate and low use areas will be significant to manage with respect to routine operations and treatment/removal logistics.

2. The overall **BUDGET** consequences will be extremely significant with respect to each aspect of a management plan (inspection, planning, contract administration, treatment, removal, replanting, managing new trees until established). $7.6M over 13 years

3. **ENVIRONMENTAL LOSSES**. The tree population structure of forests will be dramatically changed in a very short time frame, altering the habitats, niches, and populations of numerous plant and animal species. We also stand to lose all or most of an important native tree species.
- 1500 ASH MOWED AREA OF PARKS
- 7000 ASH STREET TREES
- 38,500 ASH IN PARK FORESTS
- 47,000 ASH ON CITY LAND
- 8500 IN HIGH IMPACT AREAS
End of year 5 (FY19)

- Began with 8500 ash
- Treated 2687 2X’s
- Removed 3900 (48%)
- Balance 4600 (52%) yet to be removed (includes 2687 treatment trees)
- $4,358,459 expended
- Need $3.2M to complete

### EAB PROGRAM EXPENDITURES THRU FY2019

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<thead>
<tr>
<th></th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
<th>TOTAL</th>
<th>( projected)</th>
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<td>$796,917</td>
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ASH REMAINING VS MORTALITY CURVE
$300K ANNUAL BUDGET

% Ash Mortality  % Ash Remaining
Questions?