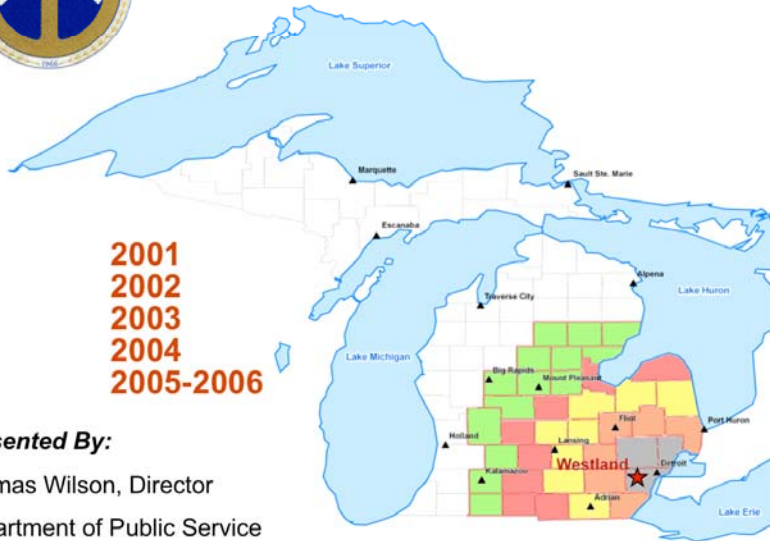




CITY OF WESTLAND WAYNE COUNTY, MICHIGAN



Presented By:

Thomas Wilson, Director
Department of Public Service



City Statistics

- 86,000 Residents
- 27,000 House Holds
- 200 Miles of Road
- 20.4 Acres (City Limits)



Emerald Ash Bore Statistics

- 18,000 ROW Trees
- 3,217 Ash Trees Removed (21%)



Problems

- Project Always Changing
- Trees Died Faster Than Expected
 - Trees would have no leaves when 20% or more of the top of tree was dead the previous year
- Residents Reluctant for Tree Removal
 - Had to wait for **NO LEAVES!**
- Not Enough Resources
 - Personnel
 - Equipment
 - Time



Planning

- Create Budget for Tree Removal
- Collect & Maintain Tree Inventory
 - Determine extent of problem
- Train Personnel
 - Tree removal (***Not Just Trimming***)
- Change Tree Ordinance
 - Plant a diverse tree population
- Start to Purchase Proper Equipment
 - Large chippers, Trucks, Loader equipment
- Open Saw Shop



Managing

- Everything Goes Through One Foreman
 - All Complaints
 - All Scheduling
- Assign Sufficient Personnel
 - Westland used 8 employees per day
 - Average of 4.5 trees removed daily
- Remove Trees – Stumping After
- Contract Work Out
 - Use lots of 100 Trees
 - Small contractors – Competitive bidding
 - Winter time work
- Update Inventory



Costs

City Employees Removed 2,000 Trees

- Average - \$621.00 per tree
- Total Cost - **\$2,000,000**



Funding

- Road Funds
- Federal-State Grants
- Tree Fund
 - Developers
- Federal Block Funds (CDBG)
- Putting off Tree Trimming Projects
- Equipment Funds
 - Purchase Tree Removal Equipment





Residential Impact

- **Increased Water Bill**
 - Increase lawn watering due to lack of shade
 - Estimated increase – 33%
- **Increased Energy Costs**
 - Rise in air conditioning costs
 - Loss of shaded areas around home
 - Rise in heating costs
 - Increase wind path in winter



Public Awareness



United States Department of Agriculture
www.emeraldashborer.info



Questions

Thomas Wilson, Director
Department of Public Service
City of Westland
Wayne County, Michigan