



Office of the Mayor

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PARKS DIVISION PROPOSALS

1. Street and Park Tree Inventory. Madison is the second largest city in the state of Wisconsin with a population of 210,000 and has been in the process of completing a complete street and park tree inventory for creating a master plan of the urban forest as well as preparing for invasive pests such as emerald ash borer and Asian Longhorned beetle. To date only 25% of the city has been inventoried. A contract has been secured with a Wisconsin Tree Care company for this year. Funding request: \$100,000
Source: Fed. Forest Service through Wisconsin Department of Natural Resources
2. Hyperspectral & LiDAR Imaging of Urban Forest of Madison Metropolitan Area. NCDC Imaging & RFP Mapping LLC recently completed a successful project with the city of Milwaukee involving the collection and analysis of hyperspectral & LiDAR imagery. The GIS products delivered included tree points identifying tree height & ash locations as well as tree polygons & grass planting space for canopy & planting assessment at the parcel level addressing public & private lands. A similar, regional project in Wisconsin will provide critical information for developing EAB and Asian Longhorned Beetle readiness plans & urban forest management goals, evaluating the effects of gypsy moth and loss of canopy cover, communicating with & educating citizens and create job opportunities for municipal forestry staff & tree service firms. This project would allow the hiring of 2 temporary hires from the Department of Civil Service program that provides opportunities for affirmative action target groups who are engaged in college level studies in various fields. We propose to implement this project with 15 communities in the Madison Metropolitan area covering approximately 400 square miles. Participants will be trained on how to use & implement the products for the purposes listed above.
Funding Request: \$250,000
Source: Fed-Forest Service through Wisconsin Department of Natural Resources
3. Urban Forest Imaging of Madison Metropolitan Area. This grant request would use GIS (Geographic Information System) technology to proactively and effectively manage our urban forest for health and threats for the Madison Metropolitan area. Information and data valuable to developing readiness plans for known and anticipated invasive species and urban forest management goals and benchmarks.
Funding Request: \$250,000
Source: Federal Forest Service managed through Wisconsin Department of Natural Resources.

[View Spreadsheet of Funding Sources and Total Costs](#)