



Office of the Mayor

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ENGINEERING DIVISION PROPOSALS

1. Cannonball Bike Trail, Phase 1. This project will provide a multi-use path from Greenway View to connect to the Capital City Trail. It will serve to connect the Arbor Hills Neighborhood to the Capital City Trail and provide students who attend Leopold School from the City of Fitchburg with the ability to get to school without being transported by cars or busses.
Funding request: \$910,000
Source: Wisconsin Department of Transportation Enhancement Funds
2. Cannonball Bike Trail, Phase 3. This project provides for a pedestrian-bike bridge over the Beltline Highway. This is the critical element in the connection of Arbor Hills Neighborhood to the marked bike lanes on Fish Hatchery Road which in turn connect to the Wingra Bike Path. This bridge would also enhance the office buildings that are being redeveloped south of Beltline between Fish Hatchery Road and Seminole Highway including the Arbor Gate Development.
Funding request: \$1,928,000
Source: Wisconsin Department of Transportation Enhancement Funds
3. Starkweather Creek Bike Path (Aberg Avenue Pedestrian Bridge.) This project completes the connection of the multi-use path between MATC and the Truax Air Park to the Capital City Trail. It will enable residents of Carpenter Ridgeway Neighborhood to be in commuter range of the downtown. Federal Enhancement Funding has been awarded by the State and construction will begin in 2009.
Funding request: 2,736,000
Source: Wisconsin Department of Transportation Enhancement Funds
4. Installation of Proprietary Stormwater Treatment Catchbasins (16) in the Capitol Neighborhood. The neighborhoods surrounding the Capitol drain directly to Lakes Monona and Mendota. The installation of large catchbasins will remove a portion of the suspended solids and almost all of the urban trash that would drain to the lakes. In addition, these catchbasins can be made more efficient by coordinating street flushing, water main flushing and the clean-out of the basins. These maintenance efforts do not require the removal of parking.
Funding request: \$640,000
Source: Fed. Clean Water Funding Administered by Wisconsin Department of Natural Resources
5. STH 113 (Packers/Northport Drive). The Wisconsin Department of Transportation proposes to replace the pavement on that portion of STH 113 within between First Street and Debs Road. This pavement was laid in 1964 and has been determined to be at the end of its service life. ARRA funds may allow undertaking this work in 2010. The City may undertake separate but coordinated projects to improve the pedestrian crossings. Two projects are being requested. Phase 1 is from First Street to International Lane and phase 2 is from Manely St to Knutson Dr. Phase 3, from International Ln to Manely St will not utilize ARRA funds.
Funding request Phase 1: \$7,930,000
Funding request Phase 2: \$9,430,000
Source: Wisconsin Department of Transportation

6. CTH MS, Shorewood Blvd to Segoe Road. This project will be submitted by the City of Madison to the MPO (Madison Planning Organization) for funding the replacement of the pavement. The City of Madison will sponsor the project subject to the cooperation of the Village of Shorewood and Dane County. The pavement, which was laid in the early 1970's, is approaching its service life.
Funding Request: \$3,200,000
Source: Federal Aid Urban Funding Administered by Madison Area Metropolitan Planning Organization

7. CTH D, (Fish Hatchery Road) Beltline Highway to Wingra Creek. This is a pavement replacement project which will be sponsored by Dane County, the City of Madison, and the Town of Madison. Dane County will submit the project to the MPO (Metropolitan Planning Organization) for funding. Project selection will be competitive.
Funding Request: \$2,590,000
Source: Federal Aid Urban Funding Administered by Madison Area Metropolitan Planning Organization

8. CTH S (Mineral Point Road) and Pleasant View Road Intersection and Pleasant View Road from CTH S south 0.5 Miles. This is one of the phases of the CTH M and CTH S project to relieve traffic congestion on the City's west side. The project will be done in coordination with the University Research Park, Phase 2. The initial phase of University of Wisconsin Research Park, located at Mineral Point Road and Whitney Way is largely developed it has proved to be a major job generator. The City will request funding through the MPO. Funding Request: \$2,930,000
Source: Federal Aid Urban Funding Administered by Madison Area Metropolitan Planning Organization

9. CTH M, Valley View, and Pleasant View Intersection and Pleasant View Road from Valley View Road north 0.5 Miles. This project has the highest priority for FAU Funding (Federal Aid Urban Funding) as it is the only project that will generate jobs beyond immediate construction. The University Research Park is a proven generator of high paying jobs. The City has obtained Federal FAU (Federal Aide Urban) Funding for the CTH M, Valley View and Pleasant View Intersection. This project will extend Pleasant View through the first phase of the University Research Park Plat. The extension of Pleasant View Road between CTH M and CTH S will help relieve congestion at intersection of these two County highways. The City will sponsor the project and request funding through the MPO. This project will be combined with an existing project at CTH M and Valley View Road with estimated cost of \$1,860,000. The extension of Pleasant View Road to the south requires an additional expenditure of \$1,930,000 for a total project cost of \$3,790,000.
Funding Request: \$1,930,000
Source: Federal Aid Urban Funding Administered by Madison Area Metropolitan Planning Organization
 - a. Fleet Services - Lighting Replacement. Replace lighting throughout facility with energy efficient lights with occupancy sensors. Estimated payback of 5 years.
Funding request: \$150,000
Source: Energy Efficiency and Conservation Block Grant Program

 - b. Traffic Engineering - Sayles Street - Lighting Replacement. Replace lighting throughout facility with energy efficient lights with occupancy sensors. Estimated payback of 5 years.
Funding request: \$50,000
Source: Energy Efficiency and Conservation Block Grant Program

- c. Fire Station #4 and #7 - Lighting Replacement. Replace lighting throughout facility with energy efficient lights with occupancy sensors. Estimated payback of 5 years.
Funding request: \$100,000
Source: Energy Efficiency and Conservation Block Grant Program or Federal Emergency Management Administration
- d. Fire Station #3 - Roof Insulation. Increase the amount of insulation in the roof, which will reduce heating and cooling load. Estimated payback of 5 years.
Funding request: \$20,000
Source: Energy Efficiency and Conservation Block Grant Program or Federal Emergency Management Administration
- e. South Madison Library - Green Features. Could include additional insulation, energy efficient lighting, and heat recovery. Estimated payback of 2-10 year payback depending on element. Other funding is private fundraising.
Funding request: \$100,000
Source: Energy Efficiency and Conservation Block Grant Program
- f. Streets West-Badger - Solar PV. Install solar PV at Streets West, which has a new roof and an excellent solar window. Estimated payback of 12-15 years.
Funding request: \$200,000
Source: Energy Efficiency and Conservation Block Grant Program
- g. Fire Station Air Sealing/Insulation at #4, #6, #7, #8, #10. Estimated payback between 5-10 years depending on condition of building.
Funding request: \$75,000
Source: Energy Efficiency and Conservation Block Grant Program or Federal Emergency Management Administration
- h. Streets East-Sycamore - Industrial Fans. Install fans to destratify air to save heating energy. Estimated payback is 10 years.
Funding request: \$90,000
Source: Energy Efficiency and Conservation Block Grant Program
- i. Traffic Engineering - Sayles Street - Window Replacement. Replace windows throughout facility with Energy Efficient windows. Estimated payback of 8 years.
Funding request: \$50,000
Source: Energy Efficiency and Conservation Block Grant Program
- j. Engineering Services Building - Air Curtain. Install air barrier for overhead doors to keep warm air in.
Funding request: \$30,000
Source: Energy Efficiency and Conservation Block Grant Program
- k. Fire Station #5 - Boiler Replacement. Replace boiler with new boiler that can modulate during spring and fall. Current boiler is old. Estimated payback 10 years.
Funding request: \$50,000
Source: Energy Efficiency and Conservation Block Grant Program or Federal Emergency Management Administration
- l. Fire Stations #3 and #5 - Window Replacement. Replace windows throughout facility with Energy Efficient windows. Estimated payback of 8 years.

Funding request: \$100,000

Source: Energy Efficiency and Conservation Block Grant Program or Federal Emergency Management Administration

10. Safe Routes to School Project: Cesar Chavez Elementary School. The goal of this project is to provide a bridge and a connecting multi-use path across the Badger Mill Creek to connect the westerly residential developments to the Cesar Chavez Elementary School. This will enable children to walk or bike to school in a more direct route.

Funding request: \$427,000

Source: Wisconsin Department of Transportation Enhancement Funds

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