

**CITY COUNCIL
COMMUNICATION:**

03-525

AGENDA:

NOVEMBER 3, 2003

SUBJECT:

DES MOINES
METROPOLITAN
PLANNING
ORGANIZATION STP
AND STP-TE FUND
APPLICATIONS

TYPE:

RESOLUTION
ORDINANCE
RECEIVE/FILE

SUBMITTED BY:

JEB E. BREWER, P.E.
CITY ENGINEER

ITEM _____

**OFFICE OF THE CITY MANAGER
CITY OF DES MOINES, IOWA**

SYNOPSIS —

The Des Moines Area Metropolitan Planning Organization (MPO) is soliciting project applications for Federal Surface Transportation Program (STP) funds and for Transportation Enhancement (TE) funds for the 2007 Fiscal Year (FY). It is recommended that the City submit applications for several projects, as listed below:

1. (STP) Major Construction Category: Martin Luther King East Extension – SW 2nd Street to SE 6th Street
2. (STP) Major Construction Category: Indianola Avenue Widening – SE 14th Street to Army Post Road.
3. (STP) Preservation Category: Hickman Road Resurfacing – 30th Street to Beaver Avenue.
4. (STP) Preservation Category: Hickman Road Resurfacing – Beaver Avenue to Merle Hay Road.
5. (STP) Preservation Category: Martin Luther King Jr. Parkway/19th Street Resurfacing – University Avenue to Mondamin Avenue.
6. (STP) Preservation Category: Martin Luther King Jr. Parkway Resurfacing – Mondamin Avenue to Hickman Road.
7. (STP-TE) Bicycle/Pedestrian Trails: Waveland Trail, Phase One, which will connect from Cummins Parkway east along the Interstate 235 (I-235) corridor to Polk Boulevard.

FISCAL IMPACT —

Local matching funds for these projects are either included in the 2003-04/2009-10 Capital Improvement Program (CIP) or will be included in future CIPs if the applications are successful.

RECOMMENDATION —

Authorize the City Manager to submit applications to the MPO for Federal STP and TE funds.

BACKGROUND —

The MPO is soliciting project applications for Federal STP and STP-TE funds

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for FY2007. Funding is divided into two major categories, as further identified below:

A. STP Project Applications

STP project applications are requested for FY2007 with a total of approximately \$4.5 million available for the metro region. The MPO has previously established four categories of STP projects: Major Construction, Minor Construction, Preservation, and Alternative Transportation. Staff has reviewed a number of potential projects and recommends the following projects be submitted for STP funding:

1. Major Construction Category:

Martin Luther King East Extension – SW 2nd Street to SE 6th Street

This project would consist of the next phase of the Martin Luther King, Jr. Parkway, extending the facility east across the Des Moines River to East 6th Street. The bridge over the Des Moines River and the roadway east to East 6th Street would be constructed as a two-lane facility, expandable to four lanes in the future. The estimated project cost is approx. \$13 million. The City requested \$2 million of FY2005 STP funds, and was awarded \$0.5 million. The City requested \$2 million of FY2006 funds, and was awarded \$1.25 million. The City is requesting \$2.5 million from FY2007 funds. Additional funds from the Iowa Department of Transportation (IDOT) will also be pursued.

Indianola Avenue Widening – SE 14th Street to Army Post Road

This project consists of widening/paving of Indianola Avenue from SE 14th Street south to Army Post Road. A two-lane, divided, roadway is being considered that could be expanded in the future to a four-lane, boulevard roadway. The estimated project cost is \$10 million. The City is requesting \$500,000 of FY2007 funds, with additional monies requested in future years.

2. Preservation:

Hickman Road Resurfacing – 30th Street to Beaver Avenue

This project would consist of repair and resurfacing of Hickman Road from the intersection of 30th Street west to the intersection of Beaver Avenue. The estimated cost is \$500,000, of which the City would be requesting \$360,000 of MPO funds.

Hickman Road Resurfacing – Beaver Avenue to Merle Hay Road

This project would consist of repair and resurfacing of Hickman Road from Beaver Avenue to Merle Hay Road. The estimated

project cost is \$750,000, of which the City would be requesting \$536,000 of MPO funds.

Martin Luther King, Jr. Parkway/19th Street Resurfacing –
University Avenue to Mondamin Avenue

This project would consist of repair and resurfacing of Martin Luther King, Jr. Parkway/19th Street one-way pair streets between University Avenue and Mondamin Avenue. The estimated cost is \$540,000, of which the City would be requesting \$384,000 of MPO funds.

Martin Luther King Jr. Parkway Resurfacing – Mondamin Avenue to
Hickman Road

This project would consist of repair and resurfacing of Martin Luther King, Jr. Parkway from Mondamin Avenue to Hickman Road. The estimated cost is \$310,000, of which the City would be requesting \$220,000 of MPO funds.

Staff has previously indicated that one additional project—38th Street and Douglas Avenue Widening/Signalization—would also be submitted for FY2007 MPO funding. After further analysis, staff determined that the project would not score sufficiently well to be eligible to secure any of the MPO funding, and therefore is not being submitted.

B. TE Project Applications

TE project applications are requested for FY2007. The MPO has previously established three categories of TE projects: Scenic/Environmental, Bicycle/Pedestrian Facilities, and Historic Preservation. Total funds available are rather limited, with approximately \$450,000 per year for funding of all three categories. Engineering, Community Development, and Park and Recreation staff have reviewed a number of potential projects, and recommend the following project for submission to the MPO for TE funding.

1. Bicycle/Pedestrian Trails:

Waveland Trail – Phase One

This project consists of a bicycle/pedestrian trail starting at the Walnut Creek Trail (construction starting in 2005) following Cummins Parkway to Pleasant Drive. The trail will then go east along the south side of I-235 to 56th Street and cross over the freeway along the west side of the 56th Street bridge. The trail will cross 56th Street at the signalized exit ramp. Phase 1 of the Waveland Trail is one of three phases of a larger project; Phase 2 will extend north along the east side of 56th Street to Franklin Avenue; and Phase 3 will extend east along I-235 to the new Cottage Grove bridge, which is being constructed with a trail

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connection on the north side of the bridge.

When all three phases are completed, the Waveland Trail will provide both recreational and commuter opportunities for all citizens of Des Moines and its suburbs. The western terminus at Cummins Parkway will be connected to the Walnut Creek/Clive Greenbelt Trail, which extends to the western suburbs. The eastern terminus at Cottage Grove bridge will connect to the new Martin Luther King, Jr. Parkway bicycle/trail, linking to the new Gateway West Park, Gray's Lake Park, the Principal Riverwalk, Pat Dorrian Trail, and the Neal Smith Trail. This project is a coordinated effort between the City of Des Moines and IDOT to provide the necessary space for the proposed trail along the right-of-way of the future reconstruction of I-235. The estimated cost for this phase of the trail is \$500,000, of which the City will be requesting \$150,000 of enhancement funds.

Each MPO funding application (for STP or TE funds) must provide assurance that the sponsor will adequately maintain the completed project for its intended public use for a minimum of 20 years following completion.

