

COUNCIL WORKSHOP ITEM

ITEM: Grant application: FY03 DuPage Surface Transportation Program (STP)
DATE: October 1, 2001
PREPARED BY: John J. Bajor, Jr., Public Works Director
Stan Balicki, General Support Services Manager II
PURPOSE: To review proposals for TEA-21 funding and provide direction to staff to proceed/not to proceed with submittal to the DuPage Mayors and Managers Conference by November, 2001 deadline.

DISCUSSION:

TEA-21 retained the major federal-aid surface transportation programs that were established under ISTEA in 1991. Of the major federal-aid transportation programs in TEA-21, the Surface Transportation Program (STP) provides the most direct role for local governments. Municipalities and counties are on the frontline not only for project sponsorship, but also in the project selection and programming processes. Several other entities in northeastern Illinois participate in the programming and implementation of local STP projects as well. These agencies are the Chicago Area Transportation Study (CATS), the CATS Council of Mayors, the DuPage Mayors and Managers Conference, and the Illinois Department of Transportation (IDOT).

As the DuPage Council of Mayors, the DuPage Mayors and Managers Conference is the body designated to select and program local STP projects in the DuPage County region. The Conference's Transportation Technical Committee meets on a monthly basis to program, manage, and monitor the progress of STP projects in DuPage. Each year, the Transportation Technical Committee develops and approves an Annual Element of STP projects for funding in the upcoming fiscal year and a multi-year program for the next four consecutive years into the future. The DuPage Mayors and Managers Conference gives final approval to the Annual Element and Multi-Year Program, prior to its submission to CATS.

Annual funding marks for DuPage are presently in the \$6 million to \$7 million range. In order to be eligible for STP Highway Component funding, the route involved must be included on the STP (FAU) System. The DuPage Council's Transportation Committee worked in cooperation with IDOT in 1977 to designate this system of federal-aid routes in DuPage. As a rule of thumb, collector and arterial roads such as Main, Fairview, Maple, or 59th Street are on the system, while lower volume local roads such as Grant or Norfolk are not. The STP Transportation Control Measure (TCM) Component including transit improvements, signal interconnects, or bicycle facilities need not be on a federal-aid route to be eligible. All projects constructed using federal funds must be built in compliance with federal law.

A Public Works staff team has met to target good candidates for project applications. We have reviewed the Village's capital improvement program, as well as the roadway maintenance plan. Staff is preparing three project applications for this application cycle as follows:

1) Finley and Brook Traffic Signal Modernization

The general scope of work for this project includes a complete modernization of this traffic signal. This work includes new poles, mast arms, and signal heads, as well as a new controller. As the “brains” of the traffic signal, the new controller will improve its responsiveness to changing traffic conditions, and therefore reduce tailpipe emissions. As a previously programmed project in the Village’s capital improvement plan, securing funding for this project will help leverage local funds for this needed work.

The anticipated local share of this project is currently programmed in the Village’s capital improvement plan for fiscal 2003/04.

Preliminary construction cost estimate: \$150,000

Local construction share required: \$37,500

2) Main and Franklin Traffic Signal

A new traffic signal for this location has been recommended by the Parking and Traffic Commission to replace the stop sign on Franklin, and the non-conforming pedestrian crossing signal on Main. The general scope of work for this project includes all appurtenances associated with a new traffic signal including foundations, poles, mast arms, signal heads, and a controller. The signal would also be incorporated into the system along Main Street.

Two issues of concern with this proposal are the project schedule, and the use of ornamental poles and mast arms. Construction likely would not take place until at least 2003 due to the project coordination and planning required of an STP project. It is possible for the implementation timeline to stretch into 2004, or even 2005 as well. Some determination will need to be made to balance the importance of the project timing in the community with the use of federal transportation funds. Another, less significant issue is that the Village may be solely responsible for the funds to upgrade from the basic traffic signal equipment to ornamental poles and mast arms.

Preliminary construction cost estimate: \$175,000

Local construction share required: \$43,750

3) Maple Avenue Bikeway Connector

The general scope of work for this proposal includes construction of a sidepath in the right-of-way along Maple Avenue for about 1,500 feet between Dunham Road and Maple Grove Forest Preserve. This proposed project would serve as an important connector between the north-south central corridor bikeway, and the forest preserve. As outlined in the Village Bikeway Plan dated June, 2000, it is expected that this will likely be a joint effort between the Village and the Forest Preserve District.

Preliminary construction cost estimate: \$82,500

Local construction share required: \$20,625

Staff is preparing to conduct a mandatory pre-application meeting with IDOT officials. The purpose of this early IDOT review is to assist municipalities in verifying the scope of work, time and cost estimates for the project(s), and to incorporate the most recent IDOT design policies and procedures before the application is evaluated and programmed by the DuPage Mayors and Managers Conference's Transportation Technical Committee. The objective is to reduce the number and magnitude of cost increases that projects have experienced in recent years. All project cost increases greater than 20% of the original application cost estimate (including inflation) are the responsibility of the project sponsor. It is possible that the scope of the project proposals described herein will change based upon IDOT's review.

Over the past two years, the Village has been successful in obtaining over \$2.9 million in federal STP funding guarantees.

ATTACHMENT:

Attachment 1: Resolution for Modernization of Traffic Signal at Finley and Brook

Attachment 2: Resolution for Traffic Signal at Main and Franklin

Attachment 3: Resolution for Maple Avenue Bikeway Connector

RECOMMENDATION:

Staff recommends that the Village Council consider providing direction to staff to submit the aforementioned projects to the DuPage Mayors and Managers Conference Transportation Technical Committee for consideration as part of the conference's FY 03 STP application cycle. Staff believes that, if selected, the projects will be a good investment of time and financial resources by providing federal transportation funds to augment local dollars for needed capital improvement projects.

RESOLUTION NO. _____

**A RESOLUTION AUTHORIZING SUBMITTAL OF GRANT APPLICATION TO THE
DUPAGE MAYORS AND MANAGERS CONFERENCE FOR FY 2003 SURFACE
TRANSPORTATION PROGRAM**

WHEREAS, the Village of Downers Grove, an Illinois municipal corporation, has developed grant application FY 2003 Surface Transportation Program (STP) for financial assistance in funding modernization of a traffic signal at Finley Road and Brook Drive; and

WHEREAS, the Village Council has reviewed said grant application, and has authorized the filing of said application with the DuPage Mayors and Managers Conference.

NOW, THEREFORE, be it resolved by the Village of Downers Grove, DuPage County, Illinois, as follows:

1. That the Village of Downers Grove submit the FY 2003 Surface Transportation Program (STP) application of the Village of Downers Grove for the modernization of a traffic signal at Finley Road and Brook Drive to the Mayors and Managers Conference.
2. That this resolution shall be in full force and effect from and after its passage as provided by law.

Mayor

Passed:

Attest: _____
Village Clerk

RESOLUTION NO. _____

**A RESOLUTION AUTHORIZING SUBMITTAL OF GRANT APPLICATION TO THE
DUPAGE MAYORS AND MANAGERS CONFERENCE FOR FY 2003 SURFACE
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WHEREAS, the Village of Downers Grove, an Illinois municipal corporation, has developed grant application FY 2003 Surface Transportation Program (STP) for financial assistance in funding a traffic signal at Main and Franklin; and

WHEREAS, the Village Council has reviewed said grant application, and has authorized the filing of said application with the DuPage Mayors and Managers Conference.

NOW, THEREFORE, be it resolved by the Village of Downers Grove, DuPage County, Illinois, as follows:

1. That the Village of Downers Grove submit the FY 2003 Surface Transportation Program (STP) application of the Village of Downers Grove for a traffic signal at Main and Franklin to the Mayors and Managers Conference.
2. That this resolution shall be in full force and effect from and after its passage as provided by law.

Mayor

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RESOLUTION NO. _____

**A RESOLUTION AUTHORIZING SUBMITTAL OF GRANT APPLICATION TO THE
DUPAGE MAYORS AND MANAGERS CONFERENCE FOR FY 2003 SURFACE
TRANSPORTATION PROGRAM**

WHEREAS, the Village of Downers Grove, an Illinois municipal corporation, has developed grant application FY 2003 Surface Transportation Program (STP) for financial assistance in funding a Maple Avenue Bikeway Connector; and

WHEREAS, the Village Council has reviewed said grant application, and has authorized the filing of said application with the DuPage Mayors and Managers Conference.

NOW, THEREFORE, be it resolved by the Village of Downers Grove, DuPage County, Illinois, as follows:

1. That the Village of Downers Grove submit the FY 2003 Surface Transportation Program (STP) application of the Village of Downers Grove for a Maple Avenue Bikeway Connector to the Mayors and Managers Conference.

2. That this resolution shall be in full force and effect from and after its passage as provided by law.

Mayor

Passed:

Attest: _____
Village Clerk