

**CMAQ Project Selection Committee Meeting**  
**Thursday, February 10, 2005**  
**10:00 a.m.**

**8th Floor Conference Room**  
300 West Adams St., 8<sup>th</sup> Floor ← Note Location  
Chicago, Illinois

**Agenda**

**1. FY 2006 CMAQ Program**

- A. Summary of applications received
- B. FY 2006 CMAQ program development schedule
- C. FY 2006 funding  
The status of the FY 2006 appropriation will be discussed.

**2. FY 2005 CMAQ supplemental project selection**

- A. FY 2005 CMAQ funding  
The status of FY 2005 funding will be discussed.
- B. Consideration of supplemental project list  
The four projects selected at the September 13, 2004 meeting for possible programming if additional funding becomes available will be discussed.

**3. Project Changes**

- A. DuPage Forest Preserve District – Salt Creek Greenway (TIP ID 08-96-0032)  
The DuPage Forest Preserve District is requesting a sponsor change.
- B. CTA – Purchase up to 15 Hybrid Electric Buses (TIP ID 16-00-0068)  
The CTA is requesting a scope change.
- C. CDOT – Bike Parking (TIP ID 01-94-0045) and CDOT – Commuter Bike Parking and Encouragement (TIP ID 01-01-0012)  
CDOT is requesting a transfer of funds between CMAQ projects.
- D. McHenry County Highway Department – Walkup Rd/Crystal Lake Rd from Bull Valley to IL 176 (TIP ID 11-00-0010)  
The McHenry County Highway Department is requesting a cost increase and scope change.
- E. Villa Park – Roosevelt Road Sidewalk from Ardmore to Michigan (TIP ID 08-02-0008)  
Villa Park is requesting a cost increase.
- F. Wilmette – Green Bay Rd from Lake Ave to Linden Ave (TIP ID 02-05-0002)  
Wilmette is requesting a cost increase and a scope change.
- G. Addison – US 20/Lake St at Swift Rd (TIP ID 08-00-0013)  
Addison is requesting a cost increase.

**4. Project Follow-up**

- A. 2004 follow-up status  
A report will be presented giving the status of projects requiring further follow-up.

5. **Other Business**

6. **Next Meeting**

The next meeting is expected to be on call, no later than mid-June, for release of the preliminary project rankings. The subsequent meeting, for developing a recommended program, will be scheduled at the June meeting.

## **FY 2006 CMAQ Program Development Schedule**

<b>Monday, November 29, 2004</b>	CATS will begin the call for FY 2006 project proposals.
<b>Friday, January 28, 2005</b>	Submission deadline for all FY 2006 project proposals.
<b>February – June 2005</b>	CATS will develop FY 2006 project proposal rankings and meet with project sponsors.
<b>June - July 2005</b>	CMAQ Project Selection Committee meets to select proposed FY 2006 program.
<b>Friday, August 12, 2005</b>	Work Program Committee considers approving the proposed FY 2006 program for public comment.
<b>Friday, August 12, 2005</b>	Public comment period on the proposed FY 2006 program begins.
<b>Friday, September 9, 2005</b>	Public comment period on the proposed FY 2006 program ends.
<b>September 2005</b>	CMAQ Project Selection Committee meets to review and respond to comments on the proposed FY 2006 program.
<b>Friday, September 30, 2005</b>	Work Program Committee considers approval of the proposed FY 2006 program.
<b>Thursday, October 13, 2005</b>	Policy Committee considers approval of the proposed FY 2006 program.
<b>October – November 2005</b>	Federal determination of FY 2006 projects' eligibility.
<b>November 2005</b>	CATS notifies sponsors of project eligibility and funding availability.

Note: Work Program Committee meeting dates are tentative.

For additional information, please call Ross Patronsky of the CATS staff at (312) 793-3474.



Chicago Area Transportation Study



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**To:** CMAQ Project Selection Committee  
**From:** Ross Patronsky, Chief of the CMAQ Program  
**Date:** February 4, 2005  
**Subject:** Supplemental Project List for FY 2005 Program

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At the September 13, 2004 meeting, the CMAQ Project Selection Committee approved a list of four proposals to consider for funding depending on the final appropriation of CMAQ funds for FY 2005. The four projects are:

- TI02052391, Skokie, Oakton New Station on Yellow Line, (engineering only), \$417,000 federal
- CP13052392, CATS, Rideshare/Carpool Lots at Area Interchanges, (phase 1 engineering only), \$350,000 federal
- II12052357, Romeoville, IL 53/Independence Blv at University Pwy, ENG/CONST, \$542,000 federal
- OT01052396, CDOT, Purchase Automobiles for I-GO Carsharing Program, IMPL, \$419,024 federal

The total federal funds required for these four projects is \$1,728,024.

While the full funding for the FY2005 CMAQ program is still not determined, there is sufficient funding for these four projects.

**Recommendation to the CMAQ Project Selection Committee:**

- **Consider recommending the four projects on the supplemental list to the Work Program Committee in the amount of \$1,728,024 federal.**



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**To:** CMAQ Project Selection Committee  
**From:** Ross Patronsky, Chief of the CMAQ Program  
**Date:** February 3, 2005  
**Subject:** CMAQ Project Change Requests

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**DuPage Forest Preserve District – Salt Creek Greenway (TIP ID 08-96-0032)**

The DuPage Forest Preserve District is requesting a sponsor change for the Salt Creek Greenway project (TIP ID 08-96-0032).

The project received \$1,739,040 in federal funds for the construction of a bicycle/pedestrian facility from Busse Woods in Elk Grove Village to 47<sup>th</sup> Street in Lyons. In order to manage construction, the Forest Preserve District proposes to divide responsibility among other participating agencies – the Village of Addison and the Village of Oak Brook.

The Forest Preserve District of Cook County received \$1,000,000 in federal funds in FY 2005 for construction of their portion of the project.

All the affected agencies have contacted CATS indicating their agreement with the arrangement.

**Recommendation to the CMAQ Project Selection Committee:**

- **Consider accepting the change to the Salt Creek Greenway project, (TIP ID 08-96-0032), approving the change in sponsorship for selected portions of the project construction.**

**CTA – Purchase up to 15 Hybrid Electric Buses (TIP ID 16-00-0068)**

CTA is requesting permission to change the scope of the project to permit purchase of up to 20 hybrid electric buses. The funds for the project will be used to pay for the incremental cost of the larger number of buses, rather than the full cost of the smaller number.

CTA is proposing to test two different types of hybrid electric buses. Since the project is a demonstration, approving the scope change will facilitate evaluating two types of buses, rather than one. The CMAQ funding required will not change.

**Recommendation to the CMAQ Project Selection Committee:**

- **Consider approving the scope change for CTA – Purchase up to 15 Hybrid Electric Buses (TIP ID 16-00-0068), increasing the number of buses funded from 15 to 20, and reducing the CMAQ funding for each bus from 80% of the total cost to a portion of the incremental cost.**

**CDOT – Bike Parking (TIP ID 01-94-0045) and CDOT – Commuter Bike Parking and Encouragement (TIP ID 01-01-0012)**

CDOT is requesting a transfer of funds between these two CMAQ projects.

The Bike Parking project (TIP ID 01-94-0045) was funded in FY 2003 for \$148,978 (federal) for engineering and construction. The funds were transferred from unused funds from Schaumburg – Suburban Bike Rack Incentive program, TIP ID 13-99-0007.

To facilitate the project, CDOT is requesting to transfer a portion of the funds to a similar CMAQ project. This will not change the amount of CMAQ funds required or the emissions benefits.

**Recommendation to the CMAQ Project Selection Committee:**

- **Consider approving the fund transfer from Bike Parking (TIP ID 01-94-0045) to Commuter Bike Parking and Encouragement (TIP ID 01-01-0012), in the amount of \$60,000 (federal) for a total project cost of \$1,688,978 federal for Bike Parking (TIP ID 01-94-0045), and \$500,000 (\$400,000 federal) for Commuter Bike Parking and Encouragement (TIP ID 01-01-0012).**

**McHenry County Highway Department – Walkup Rd/Crystal Lake Rd from Bull Valley to IL 176 (TIP ID 11-00-0010)**

The McHenry County Highway Department is requesting a cost increase and scope change to its Walkup Rd/Crystal Lake Rd from Bull Valley to IL 176 project, TIP ID 11-00-0010. The project was originally awarded \$360,000 in federal funds in FY 2000 for engineering phase 1, and an additional \$4,815,000 in federal funds in FY 2001 for engineering phase 2 and construction. The request is

for an additional \$6,606,600 in federal funds for a total project cost of \$14,727,000 (\$11,781,600 federal).

The additional costs are due to changes in the project limits and the need to improve the intersection of Walkup Rd and IL 176. However, the information received to date for this request is insufficient to determine the additional emissions benefits. In addition, the intersection portion of the project has STP funds programmed, and the relationship of this work to the proposed CMAQ scope change is unclear.

**Recommendation to the CMAQ Project Selection Committee:**

- **Consider authorizing the McHenry County Highway Department to submit their cost change request for Walkup Rd/Crystal Lake Rd from Bull Valley to IL 176, TIP ID 11-00-0010, as an FY 2006 application.**

**Villa Park – Roosevelt Road Sidewalk from Ardmore to Michigan (TIP ID 08-02-0008)**

Villa Park is requesting a cost increase to its Roosevelt Road Sidewalk from Ardmore to Michigan project, TIP ID 08-02-0008. The project was originally awarded \$348,000 in federal funds in FY 2002. The Village is requesting an additional \$207,447 in federal funds, for a total project cost of \$694,309 (\$555,447 federal).

The cost increase resulted from additional work to improve safety, retaining walls not anticipated in the original application, and the need to contract for engineering services.

The increased costs raise the cost per ton VOC eliminated from \$896,535 to \$1,430,970, dropping the ranking from seventh to tenth. (It would have been eleventh, but another project was also subject to a cost increase – see the notes on the attached ranking list.) This would cause the project to rank lower than three other projects that did not receive funding that year, although it would still be higher than two other projects funded in 2002. Of the three projects that did not receive funding in 2002, one received funding in 2001 and was later withdrawn. The other two have not received CMAQ funds.

**Recommendation to the CMAQ Project Selection Committee:**

- **Consider the request from Villa Park for a cost increase for Roosevelt Road Sidewalk from Ardmore to Michigan, TIP ID 08-02-0008.**

**Wilmette – Green Bay Rd from Lake Ave to Linden Ave (TIP ID 02-05-0002)**

Wilmette is requesting a cost increase and a scope change to its Green Bay Rd from Lake Ave to Linden Ave project, TIP ID 02-05-0002. The project was initially approved in the FY 2005 CMAQ program for \$737,000 in federal funds. The current request is for an additional \$342,052, bringing the total federal amount to \$1,079,052.

Following approval of the project, the Village had further discussions with the Illinois Commerce Commission and the Union Pacific Railroad. The discussions resulted in additional requirements, thus increasing the cost. In addition, one intersection (Linden) has been dropped from the project. However, the emissions benefits were not significantly affected by this change.

The additional costs increase the cost per ton of VOC eliminated from \$ to \$. This drops the rank from third to fourth among intersection proposals in FY 2005, falling below one project that was not funded.

However, the project that was not funded was not considered for funding with the permission of the sponsor.

**Recommendation to the CMAQ Project Selection Committee:**

- **Consider approving the scope change and cost increase for Green Bay Rd from Lake Ave to Linden Ave, TIP ID 02-05-0002, in the amount of \$342,052 federal for a total project cost of \$1,387,815 (\$1,079,052 federal).**

**Addison – US 20/Lake St at Swift Rd (TIP ID 08-00-0013)**

Addison is requesting a cost increase to its US 20/Lake St at Swift Rd project, TIP ID 08-00-0013. The project was awarded \$501,000 in federal funds in FY 2000 for engineering 1 and 2, ROW and construction. In 2003, the project was given an increase of \$205,000 in federal funds. The current request is for an additional \$209,000, bringing the total federal funds to \$915,000.

As described in their letter, additional right-of-way requirements, increased taper and engineering costs have increased the project cost.

The revised cost per ton of VOC eliminated would be \$82,645, up from \$45,235 when the project was originally approved or \$63,770 when the first cost increase was approved. The project ranking would drop from 5<sup>th</sup> to 11<sup>th</sup> (it was 9<sup>th</sup> after the first cost increase) in the ranking among FY 2000 proposals. This would cause the project to rank below another project that did not receive funding in FY 2000, but it would still rank above eight projects that did receive funding.

**Recommendation to the CMAQ Project Selection Committee:**



- **Consider approving the cost increase for US 20/Lake St at Swift Rd, TIP ID 08-00-0013, in the amount of \$209,000 federal for a total project cost of \$1,143,712 (\$915,000 federal)**



# Forest Preserve District of DuPage County

3 S. 580 Naperville Road • Wheaton, IL 60187-8761 • 630.933.7200 • Fax 630.933.7204 • TTY 800.526.0857

November 4, 2004

RECEIVED

NOV 05 2004

C.A.T.S.

Mr. Ross Patrosky  
Chief of the CMAQ Program  
Chicago Area Transportation Study  
300 W. Adams Street  
Chicago, IL 60606

RE: Salt Creek Greenway Trail  
Project ID, BP1303044  
FPDDC Project No. Z-102-001

Dear Mr. Patrosky:

The Salt Creek Greenway Trail project is a multi-agency project with the goal of constructing a bike/pedestrian trail, from Busse Woods in Elk Grove Village, to 47<sup>th</sup> Street in the Village of Lyons. As the project has progressed, a variety of agencies have submitted applications to obtain funding for the project. The first application for funding the Phase 1 and 2 Engineering for the project was submitted by the Elmhurst Park District. The Forest Preserve District of DuPage County then submitted a CMAQ application for funding the construction of the project. That application was approved by CATS in the amount of \$1,000,000 several years ago. Additional TCM federal dollars were then obtained by the Village of Addison and the Village of Oak Brook through the DuPage Mayors and Mangers Conference. Finally, an application for additional CMAQ dollars has been submitted by the Forest Preserve District of Cook County. This application is currently on the recommended list being considered by CATS.

Due to the size of the project, it is being split into three main construction contracts. Two of the contracts are within DuPage County. The Village of Addison is the lead agency for the north DuPage segment while the Village of Oak Brook is the lead agency for the south segment. These two agencies are the lead agencies due to a requirement by the DuPage Mayors and Mangers Conference. The third main project will be that portion of the project within Cook County. The Forest Preserve District of Cook County will be the lead agency for the construction of this segment since the vast majority of the project lies within their jurisdiction.

It has been the intention of all of the agencies participating in the project to pool the available federal funds for the project. As such, the Forest Preserve District of DuPage County approves of the transfer of the appropriate amounts of CMAQ funds granted to the

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Mr. Ross Patronsky  
Salt Creek Greenway Trail  
Project ID, BP1303044  
Page 2

District, to the Village of Addison, the Village of Oak Brook, and the Forest Preserve District of Cook County for the purpose of constructing the Salt Creek Greenway Trail project. The Forest Preserve District of DuPage County will continue to utilize those funds through an Intergovernmental Agreement since they are a participatory agency with both of the DuPage County projects.

If you have any questions or need additional information, please do not hesitate to call me directly at (630) 933-7243.

Sincerely,

A handwritten signature in cursive script, appearing to read "Andrea Hoyt".

Andrea Hoyt, ASLA  
Director, Office of Planning

CC: Dave Landeweer, URS Corporation

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NOV 05 2004



# Village of Addison A.T.S.

## DEPARTMENT of Public Works

November 3, 2004

Mr. Ross Patronsky  
Chief of the CMAQ Program  
Chicago Area Transportation Study  
300 W. Adams Street  
Chicago, Illinois 60606

Reference: Salt Creek Greenway Trail  
Project ID, BP1303044

Dear Mr. Patronsky:

The Salt Creek Greenway Trail project is as a multi-agency project with the goal of constructing a bike/pedestrian trail from Busse Woods in Elk Grove Village to 47<sup>th</sup> Street in the Village of Lyons. As the project has progressed, a variety of agencies has submitted applications to obtain funding for the project. The first application for funding the Phase 1 and Phase 2 Engineering for the project was submitted by the Elmhurst Park District. The Forest Preserve District of DuPage County then submitted a CMAQ application for funding the construction of the project. That application was approved by CATS in the amount of \$1,000,000 several years ago. Additional TCM federal dollars were then obtained by the Village of Addison and the Village of Oak Brook through the DuPage Mayors and Managers Conference. Finally, an application for additional CMAQ dollars has been submitted by the Forest Preserve District of Cook County. This application is currently on the recommended list being considered by CATS.

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1491 Jeffrey Drive Addison, Illinois 60101 Tel. (630) 620-2020 Fax (630) 705-1669  
www.AddisonAdvantage.org

the construction of this segment since the vast majority of the project lies within their jurisdiction.

It has been the intention of all of the agencies participating in the project to pool the available federal funds for the project. As such, the Village of Addison approves of the transfer of the appropriate amounts of CMAQ funds granted to the Forest Preserve District of DuPage County to the Village of Addison, the Village of Oak Brook, and the Forest Preserve District of Cook County for the purpose of constructing the Salt Creek Greenway Trail project. The Forest Preserve District of DuPage County will continue to utilize those funds through an Intergovernmental Agreement since they are a participatory agency with both of the DuPage County projects.

If you have any questions or need additional information, please let me know.

Sincerely,  
VILLAGE OF ADDISON

A handwritten signature in cursive script that reads "Steven R. Weinstock".

Steven R. Weinstock, P.E.  
Director of Public Works



**Village of  
Oak Brook**

1200 Oak Brook Road  
Oak Brook, IL 60523-2255

Website  
[www.oak-brook.org](http://www.oak-brook.org)

Administration  
630.990.3000  
FAX 630.990.0876

Community  
Development  
630.990.3045  
FAX 630.990.3985

Engineering  
Department  
630.990.3010  
FAX 630.990.3985

Fire Department  
630.990.3040  
FAX 630.990.2392

Police Department  
630.990.2358  
FAX 630.990.7484

Public Works  
Department  
630.990.3044  
FAX 630.472.0223

Oak Brook  
Public Library

600 Oak Brook Road  
Oak Brook, IL 60523-2200  
630.990.2222  
FAX 630.990.4509

Oak Brook Sports Core

Bath & Tennis Club  
700 Oak Brook Road  
Oak Brook, IL 60523-4600  
630.990.3020  
FAX 630.990.1002

Golf Club  
2606 York Road  
Oak Brook, IL 60523-4602  
630.990.3032  
FAX 630.990.0245

November 4, 2004

Mr. Ross Patronsky  
Chief of the CMAQ Program  
Chicago Area Transportation Study  
300 W. Adams Street  
Chicago, IL 60606

RECEIVED  
NOV 08 2004  
C.A.T.S.

Re: Salt Creek Greenway Trail  
Project ID, BP1303044

Dear Mr. Patronsky:

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Due to the size of the project, it is being split into three main construction contracts. Two of the contracts are within DuPage County. The Village of Addison is the lead agency for the north DuPage segment while the Village of Oak Brook is the lead agency for the south segment. These two agencies are the lead agencies due to a requirement by the DuPage Mayors and Managers Conference. The third main project will be that portion of the project within Cook County. The Forest Preserve District of Cook County will be the lead agency for the construction of this segment since the vast majority of the project lies within their jurisdiction.

It has been the intention of all of the agencies participating in the project to pool the available federal funds for the project. As such, the Village of Oak Brook approves of the transfer of the appropriate amounts of CMAQ funds granted to the Forest Preserve District of DuPage County to the Village of Addison, the Village of Oak Brook, and the Forest Preserve District of Cook County for the purpose of constructing the Salt Creek Greenway Trail project. The Forest Preserve District

of DuPage County will continue to utilize those funds through an Intergovernmental Agreement since they are a participatory agency with both of the DuPage County projects.

If you have any questions or need additional information, please let me know.

Sincerely,

A handwritten signature in black ink, appearing to read "Dale", written over the word "Sincerely,".

Dale L. Durfey, Jr., P.E.  
Village Engineer

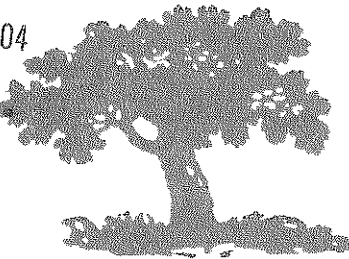
Cc: David Landeweer, URS Corporation  
Andrea Hoyt, Forest Preserve District of DuPage County  
Steven R. Weinstock, P.E., Village of Addison

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NOV 10 2004

C.A.T.S.



**The Board of Commissioners**

JERRY BUTLER	JOSEPH MARIO MORENO
FORREST CLAYPOOL	JOAN P. MURPHY
EARLEAN COLLINS	ANTHONY J. PERAICA
JOHN P. DALEY	MIKE QUIGLEY
ELIZABETH ANN DOODY GORMAN	PETER N. SILVESTRI
GREGG GOSLIN	DEBORAH SIMS
CARL R. HANSEN	BOBBIE L. STEELE
ROBERTO MALDONADO	LARRY SUFFREDIN

**FOREST PRESERVE DISTRICT  
of Cook County, Illinois**

GENERAL HEADQUARTERS

536 NORTH HARLEM AVENUE, RIVER FOREST, ILLINOIS 60305  
773-261-8400 / 708-366-9420 / 800-870-3666 TDD 708-771-1190

**JOHN H. STROGER, JR.** PRESIDENT

**Steven M. Bylina, Jr.**, GENERAL SUPERINTENDENT

November 4, 2004

Mr. Ross Patronsky  
Chief of the CMAQ Program  
Chicago Area Transportation Study  
300 W. Adams Street  
Chicago, IL 60606

Reference: Salt Creek Greenway Trail  
Project ID, BP1303044

Dear Mr. Patronsky:

The Salt Creek Greenway Trail project is as a multi-agency project with the intent of constructing a bike/pedestrian trail from Busse Woods in Elk Grove Village to 47<sup>th</sup> Street in the Village of Lyons. The Forest Preserve District of DuPage County was awarded \$1,000,000 of CMAQ funds through the CATS program. The Forest Preserve District of Cook County has submitted for additional CMAQ dollars. This application is currently on the recommended list being considered by CATS.

It has been the intention of all of the agencies participating in the project to pool the available federal funds for the project. As such, the Forest Preserve District of Cook County approves of the transfer of the appropriate amounts of CMAQ funds granted to the Forest Preserve District of DuPage County to the Village of Addison, the Village of Oak Brook, and the Forest Preserve District of Cook County for the purpose of constructing the Salt Creek Greenway Trail project. The Forest Preserve District of DuPage County will continue to utilize those funds through an Intergovernmental Agreement since they are a participatory agency with both of the DuPage County projects.

If you have any questions or need additional information, please let me know.

Very truly yours

Steven M. Bylina  
General Superintendent

SMB:dwhite







567 West Lake Street  
Chicago, Illinois 60661-1498  
TEL 312 664-7200  
www.transitchicago.com

December 9, 2004

Mr. Don Kopec  
Associate Executive Director  
Chicago Area Transportation Study  
300 W. Adams Street  
Chicago, IL 60606

Attn: Mr. Ross Patronsky

Re: Scope Revision  
CMAQ Project # 16-00-0068

Dear Mr. Kopec:

On March 16, 2000 the Chicago Transit Authority submitted the Authority's FY 2001 Congestion Mitigation and Air Quality Proposals. One of the projects submitted was entitled: *Purchase of Up to Ten 30' to 40' Hybrid Electric Buses*. The Chicago Transit Authority hereby requests that the Chicago Area Transportation Study revise the scope of that project.

The original scope of the project proposed the purchase of up to ten 30' to 40' hybrid electric buses to test promising low emissions technology. The proposed scope change will allow for the purchase of up to twenty hybrid buses, ten Parallel Hybrid buses and ten Series Hybrid buses. This change increases the number of hybrids being purchased and, in turn, maximizes the use of the CMAQ funds to reduce engine emissions. CMAQ project #16-00-0068 and additional Capital funds will provide for the incremental cost difference of purchasing a standard diesel bus verses purchasing a hybrid bus.

These two types of hybrid buses will allow for a side-by-side comparison to determine which one is best suited for the CTA's service area needs. Both types of hybrids, Parallel and Series, are being developed for transit service by separate companies. While each company states that their hybrid is ideal for transit service, no side-by-side comparison using the same bus chassis has been done to date.

The revised project scope allows the CTA to combine the purchase of the hybrids with a substantial order of conventional transit buses, thereby taking advantage of the economies of scale associated with large quantity purchase. The purchase of the additional buses also increases the sample size for each type of hybrid, which increases the validity of the side-by-side comparison the CTA intends to undertake.

<b>Standard Bus Cost</b>	341,069			
<b>Type of Bus</b>	<b>Cost of Hybrid Bus</b>	<b>Incremental Cost Difference</b>	<b># Of Buses</b>	<b>Total Cost</b>
<b>Series Bus Cost</b>	528,861	187,792	10	1,877,920
<b>Parallel Bus Cost</b>	532,727	191,658	10	1,916,580
				<b>3,794,500</b>
			<b>CMAQ from #16-00-0068</b>	<b>(3,000,000)</b>
			<b>Other Capital Funding</b>	<b>794,500</b>

If you have any questions concerning this information please contact me at (312) 681-3450 or Mike Connelly at (312) 681-3452

Sincerely,



Paul F. Fish  
 Vice President  
 Capital Investment

CC: D. Simmons  
 M. Connelly  
 E. Payne  
 T. Kohler  
 J. Gebis  
 T. Reynolds  
 K. Higgins  
 R. Kurek  
 J. Reintz  
 L. Fedak



City of Chicago  
Richard M. Daley, Mayor

Department of Transportation

Miguel d'Escoto  
Commissioner

Cheri Heramb  
Deputy Commissioner

Bureau of Administration & Planning  
Suite 600

30 North LaSalle Street  
Chicago, Illinois 60602-2570  
(312) 744-5697  
(312) 744-4399 (FAX)  
(312) 744-7215 (TTY)

[www.cityofchicago.org/transportation](http://www.cityofchicago.org/transportation)

January 12, 2005

Mr. Ross Patronsky  
Chief of the CMAQ Program  
Chicago Area Transportation Study  
300 W. Adams Street  
Chicago, IL 60606

Subject: CMAQ Fund Transfer between Bicycle Improvement Projects

Dear Mr Patronsky:

I would like to thank you for your December 23, 2004 correspondence (see attachment) outlining the approval of the transfer of \$148,978 in federal CMAQ funds to the Chicago-Racks and Lockers Project (TIP ID 01-94-0045). However, in order to award the construction contract of another bike rack improvement project not covered under the Chicago-Racks and Lockers Project (TIP ID 01-94-0045) project, we need to transfer a portion of that \$148,978.

Specifically, we request your approval to transfer \$60,000 of that \$148,978 in federal CMAQ funds from the Chicago-Racks and Lockers Project (TIP ID 01-94-0045) project to the Commuter Bicycle Parking and Promotion Project (TIP ID 01-01-0012). The scope of this project, which includes the installation of bike racks at various location throughout the City of Chicago, is similar to the scope of Chicago-Racks and Lockers Project.

If you have further questions you may contact me at (312) 744-1987 or Keith Privett at (312) 744-1981. Thank you for your consideration of this request.

Sincerely yours,

*LuAnn Hamilton*  
LuAnn Hamilton  
Deputy Commissioner

LH/KP/mb  
attachment

cc: Matthew Bieszczat  
Ben Gombert  
Jim Skvarla (IDOT-District 1)



**Office of the County Engineer**  
**McHenry County Division of Transportation**

**Joseph R. Korpalski, Jr., P.E.**  
County Engineer



16111 Nelson Road  
Woodstock, Illinois 60098  
815/334-4960  
Fax 815/334-4989

McHenry County DOT  
Walkup Road – TIP ID 11-03-0019

January 27, 2005

Mr. Ross Patronsky  
Chicago Area Transportation Study (CATS)  
300 West Adams, 2<sup>nd</sup> floor  
Chicago, Illinois 60606

Dear Mr. Patronsky:

Attached is an application for additional CMAQ funding regarding the referenced project. The project has been previously funded for Phase I, Phase II, and construction. The request for additional funds comes as a result of the following:

- Requirement by the Illinois Department of Transportation to extend the project limits resulting in doubling the project length. This required additional effort during the preparation of the preliminary engineering and Project development phase and will require additional funding for:
  - Preparation of plats and legal descriptions for use in acquiring land required to implement the proposed project
  - Phase II engineering
  - Construction

The total additional CMAQ funding requested is \$6.678 million, which, added to the previously committed funding of \$5.104 million bring the total requested amount to \$11.781 million, or 80% of the total project cost (est. \$14.727 million).

Please contact me with any question or comments regarding this application. Your favorable consideration would be appreciated.

Very truly yours,

Kenneth J. Kelgard, P.E.  
Deputy County Engineer

c: Joe Korpalski – Director of Transportation/County Engineer  
Jeff Young – Design Manager  
Pat Schroeder – Planning Liaison

# Chicago Area Transportation Study

## CMAQ Cost Increase Analysis

TIP ID: 11-03-0019

Description: McHenry County Highway Department Walkup Rd/Crystal Lake Rd  
from Bull Valley to IL 176

### Ranking Computation

	'00/'01	2005 Increase
Tons VOC eliminated	12.1385	12.1385
Cost	\$ 6,468,750	\$ 14,727,000
\$/Ton VOC eliminated	\$ 532,911	\$ 1,213,246
Rank	15	19

### Project Expenses

	Federal Share	Total	Fed %	Basis
'00/'01	\$ 5,175,000	\$ 6,468,750	80.0%	Approved Project
2005 Increase	\$ 11,781,600	\$ 14,727,000	80.0%	Letter from Sponsor
Increase Amount	\$ 6,606,600	\$ 8,258,250		

Notes:

FY 2001 CMAQ Program

ID	Facility to be Improved	Total \$	Fed \$	\$/Ton Voc	Select
<b>Intersection Improvement</b>					
II1072	Mundelein-Midlothian Road at Winchester Road	\$1,100,000	\$880,000	\$39,210	\$0
II1116	Fox River Grove-US Route 14 Right Turn Lanes	\$255,000	\$188,000	\$43,269	\$188,000
II1055	Grayslake-Atkinson Road Extension	\$4,666,000	\$223,000	\$53,959	\$223,000
II0356	Schaumburg-Schaumburg and Barrington Roads Intersection Improvements	\$1,100,000	\$880,000	\$99,574	\$880,000
II1057	IDOT-IL83 at Washington Street	\$3,552,000	\$2,560,000	\$136,288	\$0
II1068	Gurnee-Cemetery Road and Washington Street Intersection Improvement	\$1,390,000	\$128,000	\$161,939	\$0
II0922	Kane County-Kirk Rd at IL56	\$6,161,000	\$2,129,000	\$206,930	\$2,129,000
II1071	Lake County DOT-St Mary's Rd at IL176 and Old Rockland Rd	\$6,875,000	\$4,600,000	\$246,723	\$4,600,000
II0418	Forest Park-Des Plaines Ave at Harrison St, Wilcox St and Jackson Blvd	\$625,000	\$500,000	\$254,109	\$500,000
II0924	Kane County-Randall Rd at Fabyan Parkway	\$6,232,000	\$4,986,000	\$365,639	\$0
II0297	Northbrook-IL68 Rd/Dundee Rd at Skokie Blvd/I-94 Edens Expwy	\$3,052,000	\$1,718,000	\$369,053	\$1,718,000
II1070	Vernon Hills-Prairie Road at US45	\$5,050,000	\$3,400,000	\$378,703	\$3,400,000
II0920	Elgin-Summit Street at Dundee Road	\$1,358,000	\$320,000	\$518,202	\$0
II0867	Naperville-Aurora Ave and IL59 Intersection Improvement	\$960,000	\$143,000	\$524,463	\$0
<b>II1121</b>	<b>McHenry-Walkup Road/Crystal Lake Road</b>	<b>\$6,469,000</b>	<b>\$4,815,000</b>	<b>\$532,911</b>	<b>\$4,815,000</b>
II0866	Naperville-Naper Blvd at Maple Ave Intersection Improvements	\$4,948,000	\$428,000	\$627,125	\$428,000
II0921	South Elgin-Spring Street Re-Alignment	\$2,127,000	\$113,000	\$688,215	\$0
II1058	IDOT-IL60/IL83 at Midlothian Road	\$2,992,000	\$1,760,000	\$838,444	\$0
II0868	Naperville-Washington Street from 75th St to Hobson Rd	\$14,785,000	\$6,017,000	\$907,590	\$0
		<b>\$11,781,600</b>	<b>\$14,727,000</b>	<b>\$1,213,246</b>	
II0355	Schaumburg-Springinsguth and Wise Roads Intersection and Roadway Improvements	\$1,066,000	\$853,000	\$2,572,722	\$0
II1056	IDOT-US45 at IL132 and Rollins Road	\$5,900,000	\$4,000,000	\$4,263,009	\$0
II1059	IDOT-US45 at Washington Street	\$5,500,000	\$2,000,000	\$35,252,569	\$0

Notes:

projects with no benefits not listed

total and federal dollars for project shown on this page are for the 2001 proposal only - the combine 2000 and 2001 values are shown on the previous page



# Village of Villa Park

20 South Ardmore Avenue, Villa Park, Illinois 60181-2696

DEPARTMENT OF PUBLIC WORKS

VYDAS JUSKELIS • Public Works Director

Phone (630) 834-8505  
Fax (630) 834-8509  
TDD (630) 834-8589

January 11, 2005

Mr. Ross Patronskey  
Chief of the CMAQ Program  
Chicago Area Transportation Study  
300 West Adams  
Chicago, IL 60606

Re: Roosevelt Road Sidewalk, Village of Villa Park  
Section: 02-00077-00-SW, Project:CMF-0347 (014), Job No.: P-91-133-03

Dear Mr. Patronskey:

The Village of Villa Park is requesting additional funds to complete phases I, II & III for the above referenced approved CMAQ project.

The Village and their engineering consultants have been in communication with IDOT regarding this project. Topographic survey, preliminary design, and most of phase one have been completed. Due to existing topography constraints, some retaining walls will be needed. These were not anticipated in the original grant application. It was also determined that there is no State right-of-way in the parkway at the northwest corner of Ardmore Avenue and Roosevelt Road. Therefore some unanticipated right-of-way acquisition will be needed.

Subsequent to a pedestrian fatality on Roosevelt Road, the Village obtained Illinois Tomorrow funding to hire a consultant to provide a safety study of the Roosevelt Road corridor. The preliminary design for the sidewalks was modified to incorporate the findings of the safety study. As a result, more right-of-way may be required. These led to further cost estimate increases.

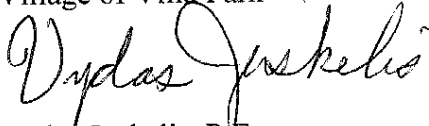
When the Village submitted the original grant application, we planned to engineer the project in-house. Before initiation of Phase I Engineering, our Village Engineer retired and was not replaced. It then became necessary to hire an outside engineering consultant for this project. These costs were not included in the original grant budget.

The revised estimated total cost for the proposed sidewalk including engineering and contingency is \$694,309 (please see attached cost estimate). The 2002 approved budget \$435,000 (\$348,000 Federal). The village is requesting to

increase the project budget by **\$259,309**. The original proposed schedule for letting is June of 2005. However the likelihood of needed land acquisition would delay the proposed letting date.

Please call me if you have any questions or need more information. Your assistant to this matter is highly appreciated.

Sincerely yours,  
Village of Villa Park



Vydas Juskelis, P.E.  
Director of Public works

Pc: Rich Salerno  
Jamil Bou-Saab, P.E. – Terra Engineering



**ROOSEVELT ROAD SIDEWALK**

Village of Villa Park

From Ardmore Av. To Michigan Av.

**Priliminary COST ESTIMATE**

Section: 02-00077-00-SW

ALTERNATIVE-1

Project N: CMF-0347(014)

Prepared On 12/17/04:, Revised: 01/07/2005

Job N: P-91-133-03

**Terra Engineering**

ITEM NO.	PAY ITEM DESCRIPTION	QUAN TITY	UNIT S	UNIT PRICE	PARTIAL PRICE
20200100	EARTH EXCAVATION	440.00	CY	\$20.00	\$8,800.00
20201500	SUB-BASE GRANULAR MATERIALS TYPE B	460.00	TONS	\$17.00	\$7,820.00
25200100	SODDING	1280.00	SY	\$6.00	\$7,680.00
42400200	P.C.C. SIDEWALK 5"	3105.00	LF	\$25.00	\$77,625.00
42400400	P.C.C. SIDEWALK 7"	655.00	LF	\$32.00	\$20,960.00
44000300	CURB REMOVAL	300.00	F	\$8.00	\$2,400.00
56103000	DUCTILE IRON WATER MAIN 6"	50.00	LF	\$60.00	\$3,000.00
56400100	FIRE HYDRANTS TO BE MOVED	5.00	EACH	\$3,000.00	\$15,000.00
60605000	COMBINATION C. CURB AND GUTTER, B 6-	300.00	LF	\$18.00	\$5,400.00
70100450	TRAFFIC CONTROL AND PROTECTION	1.00	LS	\$30,000.00	\$30,000.00
84700100	DETECTOR LOOP	300.00	LF	\$20.00	\$6,000.00
XX000970	PARKWAY RESTORATION	1.00	LS	\$15,000.00	\$15,000.00
XX001244	RETAINING WALLS	290.00	CY	\$650.00	\$188,500.00
XX002244	PLANTINGS TO BE MOVED	8.00	EACH	\$300.00	\$2,400.00
XX002258	STRUCTURES TO BE ADJUSTED	10.00	EACH	\$400.00	\$4,000.00
XX002261	MAIL BOX TO BE MOVED	2.00	EACH	\$200.00	\$400.00
XX002294	LAMP POST TO BE RELOCATED	5	EACH	\$1,000.00	\$5,000.00
Z0000990	AGGREGATE FOR TEMPORARY ACCESS	21.00	TONS	\$500.00	\$10,500.00
Z0004500	BETUMINOUS DRIVEWAY PAVEMENT 8"	360.00	SY	\$3.00	\$1,080.00
Z0062450	SAWING PAVEMENT(FULL DEPTH)	930.00	LF	\$2.00	\$1,860.00
Z0062500	SAWING P.C. CONCRETE DRIVEWAYS	380.00	LF	\$3.00	\$1,140.00
	REINFORCED SLAB OVER END SECTION	25.00	SF	\$75.00	\$1,875.00
	SIGNS TO BE MOVED	8.00	EACH	\$45.00	\$360.00
	POLE TO BE MOVED (WOOD)	10.00	EACH	\$3,500.00	\$35,000.00
	TRAFFIC POLE TO BE MOVED	6.00	EACH	\$1,000.00	\$6,000.00
	CONCRETE DRIVEWAY REMOVAL	115.00	SY	\$10.00	\$1,150.00
	CABLE PEDESTALS TO BE MOVED	1.00	EACH	\$1,000.00	\$1,000.00
	SPRINKLER HEAD TO BE RELOCATED	30.00	EACH	\$100.00	\$3,000.00
	GUARD RAIL	370.00	LF	\$35.00	\$12,950.00
	PROJECTOR TO BE RELOCATED	2.00	EACH	\$250.00	\$500.00
	PRIVATE DEALER SIGN TO BE	2.00	EACH	\$6,000.00	\$12,000.00
	POLE WITH MAST ARM TO BE RELOCATED	1.00	EACH	\$3,300.00	\$3,300.00
	LAND ACQUISITION	1.00	LS	\$55,000.00	\$55,000.00
	<b>TOTAL CONSTRUCTION COST</b>				<b>\$546,700.00</b>
	Engineering Phase II (8%)				\$43,736.00
	Engineering Phase III (9%)				\$49,203.00
	Contingency (10%)				\$54,670.00
	<b>TOTAL ESTIMATED COST</b>				<b>\$694,309.00</b>

# Chicago Area Transportation Study

## CMAQ Cost Increase Analysis

TIP ID: **08-02-0008**

Description: **Villa Park - Roosevelt Road Sidewalk from Ardmore to Michigan**

### Ranking Computation

	2002	2005 Increase
Tons VOC eliminated	0.4852	0.4852
Cost	\$ 435,000	\$ 694,309
\$/Ton VOC eliminated	\$ 896,535	\$ 1,430,970
Rank	7	10

### Project Expenses

	Federal Share	Total	Fed %	Basis
2002	\$ 348,000	\$ 435,000	80.0%	Approved Project
2005 Increase	\$ 555,447	\$ 694,309	80.0%	Letter from Sponsor
Increase Amount	\$ 207,447	\$ 259,309		

Notes:

**FY 2002 CMAQ Program**

ID	Facility to be Improved	Total \$	Fed \$	\$/Ton Voc	Select
<b>Pedestrian Facilities</b>					
BP0357	Palatine-US14/Northwest Highway Transit Access Sidewalk	\$200,000	\$180,000	\$97,281	\$180,000
BP0868	Villa Park-South Villa Avenue Sidewalks From Madison Street to IL38/Roosevelt Road	\$308,000	\$246,000	\$225,077	\$246,000
BP0416	Northlake-Belle Drive Sidewalks Form Alvin to Hillside Avenue	\$340,000	\$272,000	\$248,742	\$272,000
BP0356	Palatine-Harper College Sidewalks	\$135,000	\$108,000	\$260,801	\$108,000
BP0615	Justice-Archer Road Sidewalk From Cork Drive to 71st Street	\$385,000	\$308,000	\$268,490	\$308,000
BP0359	Hoffman Estates-IL62/Algonquin Road and Ela Road Sidewalks	\$75,000	\$60,000	\$376,106	\$60,000
BP0856	Villa Park-Roosevelt Road Sidewalk From Ardmore Avenue to Michigan Avenue	\$435,000	\$348,000	\$896,535	\$348,000
BP0846	Oakbrook Terrace-22nd Street Sidewalk From IL83 to IL56	\$426,000	\$341,000	\$955,031	\$0
BP0867	Lisle-US34/Ogden Avenue Sidewalk From Radcliff Road to Ivanhoe Avenue	\$807,000	\$646,000	\$1,030,854	\$0
BP0343	Hanover Park-US20/Lake Street Underpass	\$1,700,000	\$1,200,000	\$1,061,019	\$0
BP0748	East Hazel Crest-171st Street Sidewalk From Wood Street to Ashland Avenue	\$508,000	\$352,000	\$1,315,600	\$352,000
		\$694,309	\$555,447	\$1,430,970	
BP1121	Woodstock-Kishwaukee Valley Road/Jackson Street Sidewalks	\$285,000	\$200,000	\$1,749,021	\$0
BP1122	Algonquin Township-Algonquin Township Sidewalks	\$750,000	\$600,000	\$3,041,538	\$600,000
BP1117	Greenwood-Greenwood Road Sidewalks From Greenwood Elementary School to West Wonder Lake Road	\$133,000	\$106,000	\$95,860,246	\$0



# VILLAGE OF WILMETTE

1200 WILMETTE AVENUE  
WILMETTE, ILLINOIS 60091-0040

ENGINEERING  
DEPARTMENT

February 2, 2005

(847) 853-7660  
FAX (847) 853-7701  
TDD (847) 853-7624

Mr. Ross Patronsky  
Chief of the CMAQ Program  
Chicago Area Transportation Study  
300 West Adams Street, 2<sup>nd</sup> Floor  
Chicago, Illinois 60606

Re: Congestion Mitigation and Air Quality Grant (CMAQ)  
Village of Wilmette  
Green Bay Road Traffic Signal Modifications

Dear Mr. Patronsky:

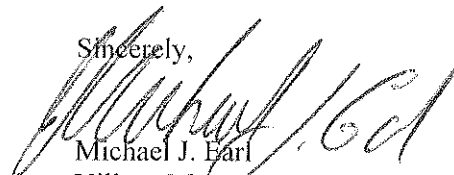
Subsequent to receiving the CMAQ grant last year for the Green Bay Road Traffic Signal Modifications, the Village of Wilmette began the Phase I feasibility study. Meetings with the Illinois Commerce Commission and the Union Pacific Railroad Company resulted in several substantive changes to the project.

The project additions are related to railroad requirements, including the installation of center barrier medians and additional sets of railroad gates on the east legs of Lake, Central and Wilmette Avenues. These additional intersection costs have been slightly offset by Linden Avenue, which was removed from the project because of geometry challenges that could not be overcome. Removing Linden Avenue from the scope, however, does not change the project's overall congestion relief benefits. An analysis on the effect of removing Linden Avenue from the project will be provided to you under separate cover by John LaPlante, TY Lin International.

Based on these new requirements, the Village of Wilmette requests approval of a revised project cost of \$1,387,815, which is an increase of \$427,815. The Village acknowledges that it is responsible for 20-percent of the project and will budget our local share accordingly.

The CMAQ grant will offer tremendous financial assistance to the Village in addressing this widespread congestion problem. We thank you in advance for your consideration. If you require additional information, please feel free to contact the Director of Engineering Services, Brigitte Mayerhofer, P.E. at (847) 853-7627.

Sincerely,



Michael J. Earl  
Village Manager

Copy: Brigitte Mayerhofer, P.E., Director of Engineering  
John LaPlante, TY Lin International

**GREENBAY ROAD COST ESTIMATE - REVISED 2005**

**Intersection Improvement Costs**

		Quantity	Unit	Cost
Lake Ave	MODIFY PAVEMENT MARKINGS	1	lump sum*	\$4,000
	INTERSECTION SIGNAL MODIFICATION	1	each	\$100,000
	ROADWAY WIDENING	170	sq yd	\$52,072
	DRAINAGE ADJUSTMENT	2	sides	\$12,000
	MEDIAN REMOVAL	87	sq yd	\$5,220
	PROPOSED MEDIAN	111	sq yd	\$13,320
	REPLACE RAILROAD GATES	2	each	\$130,000
	WIDEN RAILROAD CROSSING	1	each	\$15,000
	REMOVE RAILROAD MEDIAN FLASHERS	2	each	\$5,000
			<b>Sub Total</b>	<b>\$336,612</b>
Central Ave	MODIFY PAVEMENT MARKINGS	1	lump sum*	\$4,000
	INTERSECTION SIGNAL MODIFICATION	1	each	\$100,000
	ROADWAY WIDENING	130	sq yd	\$40,000
	DRAINAGE ADJUSTMENT	2	sides	\$12,000
	PROPOSED MEDIAN	111	sq yd	\$13,320
	WIDEN RAILROAD CROSSING	1	each	\$15,000
	REPLACE RAILROAD GATES	2	each	\$130,000
			<b>Sub Total</b>	<b>\$314,320</b>
Wilmette Ave	MODIFY PAVEMENT MARKINGS	1	lump sum*	\$4,000
	INTERSECTION SIGNAL MODIFICATION	1	each	\$100,000
	ROADWAY WIDENING	130	sq yd	\$40,000
	DRAINAGE ADJUSTMENT	2	sides	\$12,000
	PROPOSED MEDIAN	111	sq yd	\$13,320
	WIDEN RAILROAD CROSSING	1	each	\$15,000
	REPLACE RAILROAD GATES	2	each	\$130,000
			<b>Sub Total</b>	<b>\$314,320</b>
			<b>Total</b>	<b>\$965,252</b>

\*See attached cost detail

**Additional Project Construction Cost**

		Quantity	Unit	Cost
	MOBILIZATION	1	lump sum	\$5,000
	TEMPORARY TRAFFIC SIGNAL INSTALLATION	3	each	\$105,000
	TRAFFIC CONTROL AND PROTECTION, SPECIAL	1	lump sum	\$35,000
			<b>Total</b>	<b>\$145,000</b>

**Engineering Cost**

	PHASE I PRELIMINARY ENGINEERING (5% OF CONSTRUCTION)	Total	\$55,513
	PHASE II PREPARATION OF CONTRACT PLANS, SPECIFICATIONS, & ESTIMATES (10% OF CONSTRUCTION)	Total	\$111,025
	PHASE III CONSTRUCTION ENGINEERING (10% OF CONSTRUCTION)	Total	\$111,025
		<b>Total</b>	<b>\$277,563</b>

**Grand Total \$1,387,815**

**GREENBAY ROAD COST ESTIMATE - 2004 PROPOSAL**

**Intersection Improvement Costs**

		Quantity	Unit	Cost
<b>Lake Ave</b>	MODIFY PAVEMENT MARKINGS	1	lump sum*	\$2,040
	INTERSECTION SIGNAL MODIFICATION	1	each	\$80,000
	ROADWAY WIDENING	111	sq yd	\$18,870
	DRAINAGE ADJUSTMENT	2	sides	\$9,600
	MEDIAN REMOVAL AND REPLACEMENT	87	sq yd	\$14,790
	REPLACE RAILROAD CENTILEVER ARM	2	each	\$40,000
	REMOVE RAILROAD MEDIAN FLASHERS	2	each	\$5,000
	<b>Sub Total</b>			<b>\$170,300</b>
<b>Central Ave</b>	MODIFY PAVEMENT MARKINGS	1	lump sum*	\$1,680
	INTERSECTION SIGNAL MODIFICATION	1	each	\$80,000
	BUS BAY WIDENING	111	sq yd	\$18,870
	REPLACE RAILROAD CENTILEVER ARM	2	each	\$40,000
	<b>Sub Total</b>			<b>\$140,550</b>
<b>Wilmette Ave</b>	MODIFY PAVEMENT MARKINGS	1	lump sum*	\$1,050
	INTERSECTION SIGNAL MODIFICATION	1	each	\$80,000
	REPLACE RAILROAD CENTILEVER ARM	2	each	\$40,000
	<b>Sub Total</b>			<b>\$121,050</b>
<b>Linden Ave</b>	MODIFY PAVEMENT MARKINGS	1	lump sum*	\$500
	INTERSECTION SIGNAL MODIFICATION	1	each	\$80,000
	ROADWAY WIDENING	122	sq yd	\$20,740
	DRAINAGE ADJUSTMENT	1	side	\$4,800
	RAILROAD CROSSING WIDENING	10	linear foot	\$10,000
	REPLACE RAILROAD CENTILEVER ARM	2	each	\$40,000
	<b>Sub Total</b>			<b>\$156,040</b>
	<b>Total</b>			<b>\$588,000</b>

\*See attached cost detail

**Additional Project Construction Cost**

	Quantity	Unit	Cost
MOBILIZATION	1	lump sum	\$5,000
TEMPORARY TRAFFIC SIGNAL INSTALLATION	4	each	\$140,000
TRAFFIC CONTROL AND PROTECTION, SPECIAL	1	lump sum	\$35,000
	<b>Total</b>		<b>\$180,000</b>

**Engineering Cost**

PHASE I PRELIMINARY ENGINEERING (5% OF CONSTRUCTION)	Total	\$38,400
PHASE II PREPARATION OF CONTRACT PLANS, SPECIFICATIONS, & ESTIMATES (10% OF CONSTRUCTION)	Total	\$76,800
PHASE III CONSTRUCTION ENGINEERING (10% OF CONSTRUCTION)	Total	\$76,800
	<b>Total</b>	<b>\$192,000</b>

**Grand Total \$960,000**

# Chicago Area Transportation Study

## CMAQ Cost Increase Analysis

TIP ID: **02-05-0002**

Description: **Wilmette - Green Bay Rd from Lake Ave to Linden Ave**

### Ranking Computation

	2005	2005 Increase
Tons VOC eliminated	3.3900	3.3900
Cost	\$ 960,000	\$ 1,387,815
\$/Ton VOC eliminated	\$ 283,186	\$ 409,385
Rank	3	4

### Project Expenses

	Federal Share	Total	Fed %	Basis
2005	\$ 737,000	\$ 960,000	76.8%	Approved Project
2005 Increase	\$ 1,079,052	\$ 1,387,815	77.8%	Letter from Sponsor, deduction of committed funds
Increase Amount	\$ 342,052	\$ 427,815		

Notes:

project costs not included in estimating CMAQ share: \$ 39,000

**FY 2005 CMAQ Program**

<b>ID</b>	<b>Sponsor</b>	<b>Facility to be Improved</b>	<b>Total Application</b>	<b>Federal Request</b>	<b>\$/Ton Voc Eliminated</b>	<b>Selected Amount</b>
<b>Intersection Improvements</b>						
II03052489	Palatine	Palatine Rd from Smith St to US 14/Northwest Hwy	\$3,368,000	\$2,694,000	\$155,774	\$2,694,000
II11052336	McHenry	IL 31 from McCullom Lake Rd to IL 120	\$3,175,000	\$2,540,000	\$178,043	\$2,540,000
II02052465	Wilmette	Green Bay Rd from Lake Ave to Linden Ave	\$921,000	\$737,000	\$283,261	\$737,000
II01052435	CDOT	Grand Ave from Long Ave to North Ave	\$1,465,000	\$1,172,000	\$286,959	
			<b>\$1,348,815</b>	<b>\$1,079,052</b>	<b>\$409,385</b>	
II09052427	Kane County DOT	Kirk Rd and IL 56	\$2,088,000	\$1,670,000	\$787,397	\$500,000
II09052431	Kane County DOT	Orchard Rd and Jericho Rd	\$1,999,400	\$1,599,500	\$1,039,853	\$1,100,000
II01052451	CDOT	Milwaukee Ave Signal Modernization from Higgins Rd to Montrose Ave	\$1,500,000	\$1,200,000	\$1,247,525	
II10052354	Lake County DOT	Hunt Club Rd at Wadsworth Rd	\$850,000	\$680,000	\$1,380,689	\$680,000
II10052350	Lake Zurich	US 12/Rand Rd at Ela Rd	\$159,000	\$127,000	\$1,820,543	\$127,000
II10052317	Grayslake	Atkinson Rd Extension	\$23,313,000	\$16,708,000	\$2,349,700	
II10052353	Lake County DOT	Hunt Club Rd at Millburn Rd	\$940,000	\$752,000	\$2,646,080	\$752,000
II12052357	Romeoville	IL 53/Independence Blv at University Pwy	\$677,000	\$542,000	\$2,699,834	
II11052365	McHenry County Highway Department	Rakow Rd at Pyott Rd	\$1,896,000	\$1,517,000	\$3,228,372	
II10052464	Vernon Hills	Fairway Dr and IL 60	\$2,083,000	\$1,666,400	\$4,090,421	
II08052349	Glen Ellyn	IL 38/Roosevelt Rd at Lambert Rd	\$332,000	\$265,600	\$4,160,818	
II01052483	CDOT	Chicago Ave Signal Modernizations/Intersection Improvements from Laramie Ave to Sacramento Blv	\$4,347,600	\$3,478,080	\$4,191,921	
II03052467	Schaumburg	Barrington Rd from Schaumburg Rd to Holmes Way	\$1,616,200	\$1,292,900	\$4,389,160	
II07052308	South Holland	State St at 168th St	\$1,320,000	\$1,056,000	\$5,943,536	
II03052490	Rolling Meadows	IL 58/Golf Rd at IL 62/Algonquin Rd	\$500,000	\$400,000	\$6,295,635	
II12052492	Joliet	Essington Rd and Hennepin Dr	\$440,000	\$352,000	\$6,471,088	
II08052456	Naperville	US 34/Ogden Ave from Iroquois Ave to Fender Rd and Naper Blvd from Ridgeland Rd to Old Plank Rd	\$522,400	\$417,900	\$6,524,218	
II10052452	Lake County DOT	IL 176 and Fairfield Rd	\$3,434,000	\$2,748,000	\$7,999,312	
II06052462	Orland Park	US 45/LaGrange Rd and 143rd St	\$1,992,000	\$1,594,000	\$8,638,174	
II11052334	Crystal Lake	Pingree Rd at US14/Northwest Hwy	\$1,111,000	\$889,000	\$9,621,499	
II11052361	McHenry County Highway Department	Rakow Rd at IL 31	\$1,530,000	\$1,224,000	\$11,845,368	
II04052338	Forest Park	Des Plaines Ave at Randolph St	\$480,000	\$384,000	\$12,446,367	
II10052306	Gurnee	Cemetery Rd at Washington St	\$3,950,000	\$3,160,000	\$15,616,824	
II10052352	Lake County DOT	IL 131/Green Bay Rd at Wadsworth Rd	\$3,680,000	\$2,920,000	\$46,250,468	
II12052469	Will County Department of	Laraway Rd at Cedar Rd	\$572,500	\$458,000	\$157,957,903	

Note: proposals without emissions benefits not listed



FEB 01 2005

C.A.T.S.



# Village of Addison

## COMMUNITY DEVELOPMENT DEPARTMENT

BUILDING • CODE ENFORCEMENT • ENGINEERING • ZONING

January 26, 2005

Mr. Ross Patronskey, Chief of the CMAQ Program  
Chicago Area Transportation Study  
300 West Adams Street  
Chicago, IL 60606

Subject: TIP ID 08-00-0013, Addison, Illinois, (Du Page County)  
Addison-US 20/Lake St at Swift Rd

File: 63.83

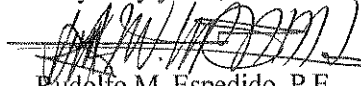
Dear Mr. Patronskey:

We are requesting the CMAQ Project Selection Committee for an increase in funding relative to the above-mentioned project in the amount of \$209,000. The increases were unforeseen because the Phase 1 Engineering failed to identify other necessary work items as pointed out during the Phase 2 Engineering design and reviews. The reasons for the cost increases are on the attachment and are as follows:

1. Phase II Engineering- The actual cost of hiring Civiltech Engineering to perform this task was \$134,042.
2. Right-of-Way Acquisition- The Phase I Engineering identified only one parcel where right-of-way needs to be acquired. However, during the Phase II Engineering Design, more parcels were identified in order to allow access to private properties during construction.
3. Construction- Attached is the latest estimate by our Phase II consultant amounting to \$737,104.00. The addition of a 15% contingency brings the total to \$847,669.60. These costs are dependent on bid responses and we hope the bids come in low as experienced in last year's bid openings. Other factors as gleaned on the attachment that increased the amount are the longer lengths of the tapers for Swift Road, which would conform to current standards as well as review comments from IDOT. The additional right-of-way plats are due to additional right-of-way that is necessary during construction as identified by our Phase II consultant. The Phase I Engineering did not do a good job of identifying these necessary items.
4. Phase III Engineering- This phase of work is for the construction management and documentation of the project. Surface Transportation Projects for the Village slated to be constructed this year had crippled our ability to provide this service because of scheduling conflicts and lack of personnel. This will enable us to hire part time personnel or consulting firm to manage this project.

I hope the above stated reasons would merit a positive review by the Project Selection Committee and I appreciate their efforts in considering this request. Please give me a call at (630) 693-7533, if you have any questions. Thank you.

Very truly yours,



Rudolfo M. Espedido, P.E.  
Village Engineer

ONE FRIENDSHIP PLAZA Addison, Illinois 60101 Tel. (630) 543-4100 Fax (630) 543-3967

[www.AddisonAdvantage.org](http://www.AddisonAdvantage.org)

**Addison-US 20/Lake Street at Swift Road**

TIP ID:	08-00-0013
Location:	Addison, Du Page County, Illinois
Request No.	2

	CMAQ Financing Summary	Approved Funding		Proposed Funding Increase		Status/Approval Dates	
		Total Cost	Federal Cost	Total Cost	Federal Cost	Estimate	Actual
1	Phase 1 Engineering	\$62,000.00	\$49,600.00	\$62,000.00	\$49,600.00		01/15/04
2	Phase 2 Engineering	\$90,000.00	\$72,000.00	\$134,042.00	\$107,233.60	02/11/05	
3	Right-of-Way Acquisition*	\$5,000.00	\$4,000.00	\$15,000.00	\$12,000.00	05/04/05	
4	Construction	\$725,500.00	\$580,400.00	\$847,669.60	\$678,135.68	08/01/05	
5	Phase 3 Engineering	\$0.00	\$0.00	\$85,000.00	\$68,000.00	08/01/05	
	<b>Total</b>	<b>\$882,500.00</b>	<b>\$706,000.00</b>	<b>\$1,143,711.60</b>	<b>\$914,969.28</b>		
	<b>SAY</b>		<b>\$706,000.00</b>		<b>\$915,000.00</b>		

**REQUESTED CMAQ Funding Increase** **\$209,000.00**

\*-Includes some contingency amount as the appraised amount might vary during negotiations

**RIGHT-OF-WAY SUMMARY**

Parcel	Acres	Appraised Cost	Actual Cost**	Remarks
1 0001TE	0.023	\$1,700.00	\$0.00	Phase 2 Engineering addition
2 0002ROW	0.032	\$10,000.00	\$0.00	Phase 2 Engineering addition
2A 0002TE	0.026	\$2,000.00	\$0.00	Phase 2 Engineering addition
3 0003TE	0.059	\$5,000.00	Donate	Phase 2 Engineering addition
3A 0003PE	0.0023	\$350.00	Donate	Phase 2 Engineering addition
3B 0003ROW	0.0085	\$2,700.00	Donate	In Phase 1 Engineering
<b>Total</b>		<b>\$21,750.00</b>	<b>\$0.00</b>	

\*\* - To be determined at negotiation process

--- TE and PE means Temporary and Permanent easements

**DIFFERENCES BETWEEN PHASE 1 AND PHASE 2 ENGINEERING**

	Phase 1	Phase 2	
1 Swift Rd Tapers- South	Sta. 792+17.5	Sta. 791+50	Longer by 69.5 feet***
2 ROW	As shown above	As shown above	Additional ROW, TE & PE

\*\*\* Stationing is from South to North

915K  
1,004,490

**ESTIMATE OF COST**

**U.S. ROUTE 20 (LAKE STREET) AND SWIFT ROAD INTERSECTION IMPROVEMENT**  
**Village of Addison**  
**Section: 00-00086-00-TL**  
**Project: CMM-8003(354)**

ITEM NUMBER	CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	UNIT PRICE	COST
1	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	36	\$20.00	\$720.00
2	20101000	TEMPORARY FENCE	FOOT	600	\$2.50	\$1,500.00
3	20200100	EARTH EXCAVATION	CU YD	2,159	\$15.00	\$32,385.00
4	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	200	\$20.00	\$4,000.00
5	20400800	FURNISHED EXCAVATION	CU YD	310	\$5.00	\$1,550.00
6	20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	200	\$20.00	\$4,000.00
7	20800150	TRENCH BACKFILL	CU YD	300	\$25.00	\$7,500.00
8	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	600	\$1.25	\$750.00
9	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2,925	\$3.00	\$8,775.00
10	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	54	\$1.00	\$54.00
11	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	54	\$1.00	\$54.00
12	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	54	\$1.00	\$54.00
13	25200110	SODDING, SALT TOLERANT	SQ YD	2,925	\$3.00	\$8,775.00
14	25200200	SUPPLEMENTAL WATERING	UNIT	10	\$10.00	\$100.00
15	28000400	PERIMETER EROSION BARRIER	FOOT	1,898	\$3.00	\$5,694.00
16	28000500	INLET AND PIPE PROTECTION	EACH	7	\$75.00	\$525.00
17	28100105	STONE RIPRAP, CLASS A3	SQ YD	3	\$60.00	\$180.00
18	28200100	FILTER FABRIC FOR USE WITH RIPRAP	SQ YD	3	\$2.50	\$7.50
19	31101100	SUB-BASE GRANULAR MATERIAL, TYPE B	CU YD	81	\$30.00	\$2,430.00
20	31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	1,221	\$4.00	\$4,884.00
21	40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	1,026	\$1.00	\$1,026.00
22	40600300	AGGREGATE (PRIME COAT)	TON	11	\$10.00	\$110.00
23	40600400	MIXTURE FOR CRACKS, JOINTS AND FLANGWAYS	TON	1	\$500.00	\$500.00
24	40600980	BITUMINOUS SURFACE REMOVAL, BUTT JOINT	SQ YD	75	\$12.00	\$900.00
25	42000511	PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)	SQ YD	1,919	\$40.00	\$76,760.00
26	42001300	PROTECTIVE COAT	SQ YD	1,177	\$1.25	\$1,471.25
27	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8"	SQ YD	101	\$40.00	\$4,040.00
28	44000006	BITUMINOUS SURFACE REMOVAL 1 1/2"	SQ YD	4,721	\$2.00	\$9,442.00
29	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	199	\$5.00	\$995.00
30	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	3,252	\$8.00	\$26,016.00
31	44201796	CLASS D PATCHES, TYPE IV, 12"	SQ YD	33	\$50.00	\$1,650.00
32	44300900	STRIP REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A	FOOT	733	\$0.50	\$366.50
33	50800205	REINFORCING BARS, EPOXY COATED	POUND	2,239	\$1.50	\$3,358.50
34	54213660	PRECAST REINFORCED CONCRETE END SECTIONS, 15"	EACH	2	\$500.00	\$1,000.00
35	54247100	GRATING FOR CONCRETE FLARED END SECTION, 15"	EACH	2	\$250.00	\$500.00
36	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	882	\$32.00	\$28,224.00
37	550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	65	\$35.00	\$2,275.00
38	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	1	\$32.00	\$32.00
39	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	13	\$35.00	\$455.00
40	550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	FOOT	90	\$100.00	\$9,000.00
41	55100200	STORM SEWER REMOVAL, 6"	FOOT	275	\$5.00	\$1,375.00
42	55100500	STORM SEWER REMOVAL, 12"	FOOT	170	\$7.00	\$1,190.00
43	60109510	PIPE UNDERDRAIN, FABRIC LINED TRENCH, 4"	FOOT	120	\$22.00	\$2,640.00
44	60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	6	\$1,500.00	\$9,000.00
45	60205040	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	\$1,800.00	\$1,800.00
46	60208230	CATCH BASINS, TYPE C, TYPE 23 FRAME AND GRATE	EACH	1	\$1,200.00	\$1,200.00
47	60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	2	\$1,200.00	\$2,400.00
48	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	\$1,800.00	\$3,600.00
49	60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	\$2,500.00	\$7,500.00
50	60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	\$1,000.00	\$1,000.00
51	60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	3	\$1,100.00	\$3,300.00
52	60300105	FRAME AND GRATES TO BE ADJUSTED	EACH	15	\$300.00	\$4,500.00
53	60404940	FRAME AND GRATES, TYPE 23	EACH	1	\$150.00	\$150.00
54	60404950	FRAME AND GRATES, TYPE 24	EACH	2	\$150.00	\$300.00
55	60406100	FRAME AND LIDS, TYPE 1, CLOSED LID	EACH	6	\$150.00	\$900.00
56	60500040	REMOVING MANHOLES	EACH	2	\$300.00	\$600.00
57	60500050	REMOVING CATCH BASINS	EACH	6	\$300.00	\$1,800.00
58	60500060	REMOVING INLETS	EACH	3	\$300.00	\$900.00
59	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1,054	\$14.00	\$14,756.00

ITEM NUMBER	CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	UNIT PRICE	COST
60	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	2,204	\$15.00	\$33,060.00
61	60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	967	\$3.00	\$2,901.00
62	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	\$2,000.00	\$6,000.00
63	67100100	MOBILIZATION	L SUM	1	\$25,000.00	\$25,000.00
64	70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1	\$10,000.00	\$10,000.00
65	70300100	SHORT TERM PAVEMENT MARKING	FOOT	4,614	\$0.50	\$2,307.00
66	70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	125	\$1.50	\$187.50
67	70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	6,824	\$0.50	\$3,412.00
68	70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	73	\$2.00	\$146.00
69	70300520	PAVEMENT MARKING TAPE, TYPE III, 4"	FOOT	385	\$1.50	\$577.50
70	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	3,411	\$0.75	\$2,558.25
71	72000100	SIGN PANEL - TYPE 1	SQ FT	8	\$35.00	\$280.00
72	72000200	SIGN PANEL - TYPE 2	SQ FT	10	\$35.00	\$350.00
73	72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	8	\$8.00	\$64.00
74	72400600	RELOCATE SIGN PANEL ASSEMBLY-TYPE B	EACH	1	\$700.00	\$700.00
75	72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	39	\$20.00	\$780.00
76	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	182	\$5.00	\$910.00
77	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2,880	\$0.50	\$1,440.00
78	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	955	\$0.75	\$716.25
79	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	208	\$1.50	\$312.00
80	78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	437	\$5.00	\$2,185.00
81	78005130	EPOXY PAVEMENT MARKING - LINE 6"	FOOT	2,207	\$0.75	\$1,655.25
82	78005180	EPOXY PAVEMENT MARKING - LINE 24"	FOOT	216	\$5.00	\$1,080.00
83	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	25	\$19.00	\$475.00
84	78300100	PAVEMENT MARKING REMOVAL	SQ FT	2,171	\$0.75	\$1,628.25
85	80600400	GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	1	\$250.00	\$250.00
86	80700140	GROUND ROD, 5/8" DIA. X 10 FT.	EA	9	\$90.00	\$810.00
87	81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	767	\$6.25	\$4,793.75
88	81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	477	\$9.90	\$4,722.30
89	81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	47	\$19.00	\$893.00
90	81001100	CONDUIT IN TRENCH, 5" DIA., GALVANIZED STEEL	FOOT	10	\$32.00	\$320.00
91	81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	73	\$13.60	\$992.80
92	81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	364	\$23.70	\$8,626.80
93	81400100	HANDHOLE	EACH	3	\$1,000.00	\$3,000.00
94	81400300	DOUBLE HANDHOLE	EACH	2	\$1,875.00	\$3,750.00
95	81500200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	2,509	\$2.60	\$6,523.40
96	81601020	UNIT DUCT WITH 3-1/8" NO. 4 AND 1-1/8" NO. 6 GROUND, 600V (XLP-TYPE USE), 1 1/4" DIA., POLYETHYLENE	FOOT	1,510	\$4.00	\$6,040.00
97	82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EA	1	\$550.00	\$550.00
98	83050810	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. M.A.	EA	1	\$2,300.00	\$2,300.00
99	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	80	\$150.00	\$12,000.00
100	83600215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	15	\$175.00	\$2,625.00
101	83800505	BREAKAWAY DEVICE, COUPLING, WITH ALUMINUM SKIRT	EA	9	\$350.00	\$3,150.00
102	84200700	LIGHTING FOUNDATION REMOVAL	EA	8	\$400.00	\$3,200.00
103	84400105	RELOCATE EXISTING LIGHTING UNIT	EA	8	\$1,000.00	\$8,000.00
104	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2	\$825.00	\$1,650.00
105	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 3C	FOOT	632	\$0.95	\$600.40
106	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C	FOOT	3,064	\$1.05	\$3,217.20
107	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C	FOOT	829	\$1.10	\$911.90
108	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	4,500	\$0.95	\$4,275.00
109	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE NO. 6 2C	FOOT	37	\$2.10	\$77.70
110	87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1	\$5,000.00	\$5,000.00
111	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	8	\$145.00	\$1,160.00
112	87800200	CONCRETE FOUNDATION, TYPE D	FOOT	4	\$375.00	\$1,500.00
113	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	15	\$170.00	\$2,550.00
114		CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER, SPECIAL	FOOT	15	\$170.00	\$2,550.00
115	87900200	DRILL EXISTING HANDHOLE	EACH	3	\$190.00	\$570.00
116	88500100	INDUCTIVE LOOP DETECTOR	EACH	2	\$150.00	\$300.00
117	88600100	DETECTOR LOOP, TYPE I	FOOT	1,102	\$13.50	\$14,877.00
118	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	\$45,000.00	\$45,000.00
119	89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	9	\$315.00	\$2,835.00
120	89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	2	\$370.00	\$740.00
121	89501300	RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE	EACH	1	\$1,500.00	\$1,500.00
122	89501400	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	2	\$725.00	\$1,450.00
123	89502200	MODIFY EXISTING CONTROLLER	EACH	2	\$1,650.00	\$3,300.00
124	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	\$1,200.00	\$1,200.00
125	89502380	REMOVE EXISTING HANDHOLE	EACH	4	\$275.00	\$1,100.00
126	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	5	\$260.00	\$1,300.00

ITEM NUMBER	CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	UNIT PRICE	COST
127	X0322925	ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C	FOOT	2,876	\$1.15	\$3,307.40
128	X0323426	SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER CLEANING	EACH	20	\$75.00	\$1,500.00
129	X0323427	SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER	EACH	20	\$150.00	\$3,000.00
130	X0323486	AGGREGATE SUB-BASE 12"	SQ YD	2,506	\$9.00	\$22,554.00
131	X0323574	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	3	\$500.00	\$1,500.00
132	X3560130	BITUMINOUS CONCRETE BASE COURSE WIDENING, SUPERPAVE 9"	SQ YD	818	\$17.00	\$13,906.00
133	X4066426	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX D, N70	TON	465	\$38.00	\$17,670.00
134	X4066616	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N70	TON	717	\$37.00	\$26,529.00
135	X4066770	LEVELING BINDER (MACHINE METHOD), SUPERPAVE N70	TON	550	\$40.00	\$22,000.00
136	X8050015	SERVICE INSTALLATION - POLE MOUNTED	EACH	1	\$1,250.00	\$1,250.00
137	X8710020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	2,934	\$3.40	\$9,975.60
138	X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	587	\$1.05	\$616.35
139	X8730250	ELECTRIC CABLE IN CONDUIT, NO. 20 3/C, TWISTED, SHIELDED	FOOT	632	\$1.25	\$790.00
140	XX001616	TREE TO BE RELOCATED	EACH	27	\$300.00	\$8,100.00
141	XX002189	RELOCATE EXISTING TRAFFIC SIGNAL CONTROLLER AND CABINET, COMPLETE	EACH	1	\$1,000.00	\$1,000.00
142	XX002856	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM	L SUM	1	\$5,000.00	\$5,000.00
143	XX003338	TEST HOLE	EACH	10	\$500.00	\$5,000.00
144	Z0000990	AGGREGATE FOR TEMPORARY ACCESS	TON	500	\$12.00	\$6,000.00
145	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	\$7,500.00	\$7,500.00
					TOTAL	<b>\$737,104</b>

Contingencies, 15%

Grand Total

\$110,565.60

\$847,669.60

# Chicago Area Transportation Study

## CMAQ Cost Increase Analysis

TIP ID: **08-00-0013**

Description: **Addison - US 20/Lake St at Swift Rd**

### Ranking Computation

	2000 Award	2000 Award + 2003 Increase	2005 Increase
Tons VOC eliminated	13.8388	13.8388	13.8388
Cost	\$ 626,000	\$ 882,500	\$ 1,143,712
\$/Ton VOC eliminated	\$ 45,235	\$ 63,770	\$ 82,645
Rank	5	9	11

### Project Expenses

	Federal Share	Total	Fed %	Basis
2000 Award	\$ 501,000	\$ 626,000	80.0%	Approved Project
'00 Awd + '03 Incls	\$ 706,000	\$ 882,500	80.0%	Approved + Increase
1st Increase Amount	\$ 205,000	\$ 256,500		
2005 Increase	\$ 915,000	\$ 1,143,712	80.0%	Letter from Sponsor
2nd Increase Amount	\$ 209,000	\$ 261,212		

Notes:

**FY 2000 CMAQ Proposed Program**

ID	Facility to be Improved	Phase	Fed \$	Total \$	\$/Ton Voc	Select
<b>Intersection Improvement</b>						
II1224	Joliet-West Frontage Rd at US30/Plainfield Rd and at Caton Farm Rd Signalization	CON	\$240	\$300	\$10,835	\$240
II1047	Lake Co DOT - Peterson Rd at IL 83 Int Imp	E1/E2/E/RW/CON	\$880	\$1,100	\$16,083	\$880
II1115	Huntley-IL 47 at Kreutzer Rd Intersection Improvement	E2/CON	\$320	\$400	\$18,019	\$320
II1028	Mundelein-Midlothian at Winchester Int Imp	E1/E2/CON	\$880	\$1,100	\$40,714	\$0
<b>II0836</b>	<b>Addison- US 20/Lake St at Swift Rd</b>	<b>E1/E2/RW/CON</b>	<b>\$501</b>	<b>\$626</b>	<b>\$45,235</b>	<b>\$501</b>
II0834	Glen Ellyn-22nd St at Lambert Int Imp	CON	\$301	\$376	\$53,300	\$301
II0412	Schiller Park-Des Plaines River Rd Continuous Left Turn Lane from River St to Winona	E2/CON	\$344	\$430	\$54,312	\$344
II1046	Grayslake-IL 83 at IL 137 Int Imp, Atkinson/Ivanhoe Realignment	E	\$134	\$168	\$59,321	\$0
II1038	IDOT-IL 83 at Washington St Intersection Improvement	RW/CON	\$1,840	\$2,300	\$63,493	\$0
<b>1st</b>	<b>Increase Amount</b>		<b>\$706</b>	<b>\$883</b>	<b>\$63,770</b>	<b>\$706</b>
	<b>Revised rank after 2003 Increase was approved</b>					
II1036	Lake Bluff- IL 131 at IL 176 Int Imp	E1/E2/CON	\$172	\$215	\$71,600	\$0
II0840	Elmhurst-IL 56/Butterfield Rd from Commonwealth to York Rd Int Imp & Sig Int Conn	E2/RW/CON	\$679	\$893	\$74,242	\$679
<b>2nd</b>	<b>Increase Amount</b>		<b>\$915</b>	<b>\$1,144</b>	<b>\$82,645</b>	
	<b>Revised rank places project here - after some projects not funded, but above several that were funded</b>					
II1114	Fox River Grove-US 14 at Algonquin Rd Int Imp	E1	\$16	\$20	\$117,691	\$16
II0214	Northbrook-IL68/Dundee Rd at Skokie Blvd/I-94 Edens Expy Int Imp	E1/E2/RW	\$723	\$910	\$176,350	\$723
II1029	Vernon Hills-Prairie at US 45 Int Imp	E2/RW	\$640	\$800	\$181,921	\$640
II0735	University Park-University Parkway at Governors Hwy Intersection Improvement	E2/CON	\$550	\$688	\$204,669	\$550
BE1030	Lake Co DOT-St Mary's Rd from IL 176 to Old Rockland	E2/RW	\$900	\$1,125	\$230,606	\$900
BE0329	IDOT- US 14 at Baldwin and at Colfax	E2/RW/CON	\$3,520	\$4,400	\$268,893	\$0
II0839	Naperville-Washington St from Hobson to 75th Intersection Improvement and DuPage River Trail Segment II	E1/E2	\$497	\$621	\$273,566	\$497
II0327	IDOT-IL 68/Dundee Rd at IL 53 Interchange Improvement	E2/CON	\$1,533	\$1,916	\$291,252	\$1,533
II0210	IDOT-Willow at Sanders Intersection Improvement	E2	\$960	\$1,200	\$323,147	\$0
II0736	University Park-University Parkway at IL 50/Cicero Ave Intersection Improvement	E2	\$35	\$44	\$519,748	\$0
II1037	IDOT-US45 at IL 132/Grand Ave and Rollins Rd	E2/RW	\$720	\$900	\$638,971	\$0
II0328	IDOT-Palatine Rd at Wheeling Rd Intersection Improvement	E2/RW	\$1,760	\$2,200	\$756,698	\$0
II0914	Aurora- New York St Intersection Improvement at Oakhurst, Commons and Eola	CON	\$160	\$200	\$801,318	\$0
II0912	Kane Co DOT-Dunham/Stearns/IL 25 Int Imp	E2/RW	\$1,400	\$1,750	\$903,665	\$1,000
II1050	IDOT-US 45 at Washington St Int Imp	E2/RW	\$600	\$750	\$944,432	\$0
II1226	Joliet-Theodore at IL 59 Intersection Improvement	CON	\$368	\$460	\$2,081,225	\$0

Note: proposals with no benefit not listed