



Chicago Metropolitan Agency for Planning

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MEMORANDUM

To: CMAQ Project Selection Committee

From: CMAP Staff

Date: March 29, 2012

Re: CMAQ Project Change Requests

5 projects have been submitted for changes. The net change in the federal CMAQ amount programmed for Federal Fiscal Year 2012 is \$20,719,469 total (\$16,575,575 federal) when including the Union Pacific request. Without inclusion of the Union Pacific request the net change is \$2,519,469 (\$2,015,575 federal). The sponsors' requests are attached.

For Committee Consideration:

Berkeley - Union Pacific Proviso Railyard Switcher Engine Retrofit (TIP ID 04-09-0002)

The sponsor is requesting a scope change and cost increase of \$22,400,000 total (\$14,560,000 federal) for a total project cost of \$33,600,000 total (\$21,840,000 federal). The sponsor has indicated that they have the ability to utilize up to 14 more ultra-low-emitting GenSet switch locomotives at their Dolton facility. The estimated unit cost of these engines is \$1,600,000 total (\$1,040,000 federal). The sponsor and IDOT have recently executed an agreement and will be taking delivery of the 7 GenSet engines originally funded by this project in the very near future.

Although the emissions benefits would vary slightly from the original analysis, staff does not expect the ranking to change significantly, nor would the ranking fall below the few diesel retrofit projects not funded that year. The projects that were not funded that year all had much lower cost/benefit ratios.

The Union Pacific has indicated flexibility in the specific number of locomotives to be funded, but would like a response soon, to fit in with their own capital planning activities.

Recommendation to the CMAQ Project Selection Committee:

Consider the request for a scope change and cost increase of \$22,400,000 total (\$14,560,000 federal) for a total project cost of \$33,600,000 total (\$21,840,000 federal) to fund additional GenSet engines for Berkeley - Union Pacific Proviso Railyard Switcher Engine Retrofit (TIP ID 04-09-0002).

IEPA – Chicago Area Diesel Retrofit Program (TIP ID 13-09-0003)

The sponsor is requesting a scope change to allow for 100% funding for private school bus fleet particulate filters. The experience of the sponsor is that there is no incentive for private school bus fleet operators to install particulate filters if a match is required and IEPA is therefore requesting that 100% funding be provided to private school bus fleet operators in this case. For other types of retrofits involving private operators, a 50% match is required. There is no change in the total cost of the project. Additionally staff administratively moved all funding for the project into 2012 at the request of the sponsor.

Recommendation to the CMAQ Project Selection Committee:

Consider approving the scope change to allow IEPA to administer 100% funding to private school bus operators to install particulate filters.

IEPA - Retrofit of Amtrak Switcher Engines (TIP ID 01-09-0006)

The sponsor is requesting a scope change and cost increase. The project is programmed to fund two switcher engine retrofits at the cost of \$1,500,000 total (\$1,200,000 federal). The costs have increased to \$2,050,000 total (\$1,640,000 federal) per engine. The sponsor is additionally requesting 100% funding for a total of \$4,100,000 total/federal for the project. The sponsor anticipates taking delivery of the engines by spring 2013. A re-ranking was completed for 2009 and 2010. The project fell below un-funded projects from that year but was funded in future years.

Recommendation to the CMAQ Project Selection Committee:

Consider the scope and cost change of \$1,700,000 federal for IEPA Retrofit of Amtrak Switcher Engines (TIP ID 01-09-0006) for \$4,100,000 total/federal.

Aurora - McCoy Dr/Commons Dr from Gregory St/New York St to IL 59/US34 (TIP ID 09-12-0012)

The sponsor is requesting a scope change and cost increase to include an additional signal. The sponsor is requesting an additional \$15,750 total (\$12,600 federal) for phase II engineering and \$214,719 (\$184,375 federal) for construction for a total project cost of \$1,152,370 (\$921,875 federal). A re-ranking was completed and the project went from 12th to 8th in the 2012-2016 program.

Recommendation to the CMAQ Project Selection Committee:

Consider approval of the scope and cost change to include the signal at Commons Drive and Liberty Street and an increase of \$230,469 (\$184,375 federal) for a total project cost of \$1,152,375 (\$921,875 federal).

Elgin - Elgin Bikeway Plan Route 1 NE Quadrant (TIP ID 09-09-0006)

The sponsor is requesting a cost increase for Phase II Engineering in the amount of \$51,400 total (\$41,100 federal) and for Construction in the amount of \$113,200 total (\$90,100 federal). The increased cost was realized upon the completion of phase I engineering in which it was determined that an off street path will be needed. This project was programmed for a total of \$422,800 total (\$338,200 federal) in 2009. A re-ranking was completed and the project went from 5th to 7th but did not fall below any un-funded projects.

Recommendation to the CMAQ Project Selection Committee:

Recommend approval of a cost increase for \$164,600 total (\$131,200 federal) for a total project cost of \$586,750 (\$469,400 federal).

Administrative Modifications:

CDOT – BIKE FAC-CHICAGO-STREETS FOR CYCLING/BIKE 2015 Plan Implementation (TIP ID 01-94-0092)

The sponsor is requesting a scope change moving \$1,600,000 into the implementation phase. Staff undertook this as a modification.

Lake County DOT - Aptakisic Rd Adaptive Traffic Control (TIP ID 10-12-0003)

The sponsor is requesting to move \$44,388 total (\$35,510 federal) for phase II engineering into construction. Staff undertook this as an administrative modification.

Lake County DOT - Gilmer/Hawley/IL176 Adaptive Traffic Control (TIP ID 10-12-0004)

The sponsor is requesting to move \$117,400 total (\$93,920 federal) for phase II engineering into construction. Staff undertook this as an administrative modification.

IEPA – Illinois Clean Diesel Engine Repowers (TIP ID 13-12-0003)

The sponsor is requesting to move \$4,000,000 into 2012 from out years for a total project cost of \$5,000,000 in 2012. Staff undertook this as an administrative modification.