

CMAQ Cost Change Request Form

Project Identification

Please provide the project identification exactly as it appears in the CMAQ Program. The current Program Summary Report can be found on the CMAQ Program Management and Resources page of the CMAP website (<http://www.cmap.illinois.gov/cmaq/program-management-resources>).

TIP ID	01-08-0003	Sponsor	CDOT
Project Location Description	Signal Controller Upgrade and Timing Program		

Currently Programmed Funding

Please provide the current programmed funding for all phases, regardless of the fund source used/programmed for that phase. The FFY and costs for CMAQ line items must match the [current CMAQ Program](#), including any previously approved cost changes. All other line items should match the [TIP](#), however phases not included in the TIP (for example locally funded engineering) should also be included here.

Please complete the table that is appropriate for the type of project. Please insert additional rows in the table (right-click and select "Insert" > "Insert Rows Below") if more than one fund source is being used for a phase, or if funding is "staged" in multiple federal fiscal years.

Phase	Starting FFY	Programmed Total Cost (\$000's)	Programmed Federal Cost (\$000's)	Programmed Federal Share (%)	Federal Fund Source	Local Match Fund Source	Phase Accomplished*
ENG1							<input type="checkbox"/>
ENG 2							<input type="checkbox"/>
ROW							<input type="checkbox"/>
CONST							<input type="checkbox"/>
CE							
Total							

*Definitions of accomplishment can be found in the [CMAQ Programming and Management Policies](#).

Phase	Starting FFY	Programmed Total Cost (\$000's)	Programmed Federal Cost (\$000's)	Programmed Federal Share (%)	Federal Fund Source	Local Match Fund Source	Phase Accomplished*
ENG	2012	400	320	80	CMAQ	City (State Only Chicago Commitment)	<input type="checkbox"/>
IMP	2012	2,000	1,600	80	CMAQ	City (State Only Chicago Commitment)	<input type="checkbox"/>
Total		2400	1920				

*Definitions of accomplishment can be found in the [CMAQ Programming and Management Policies](#).

Current Costs (Actual and Estimates) and Schedule

Please enter the actual costs included in the most recent Engineer's Estimate for every phase of the project and the current project schedule. For accomplished phases, enter the actual cost and date of federal authorization or grant approval.

Please complete the table that is appropriate for the type of project. Please insert additional rows in the table if more than one fund source is being used for a phase, or if funding is “staged” in multiple federal fiscal years.

Phase	Starting FFY	Current Total Cost (\$000's)	Current Federal Cost (\$000's)	Current Federal Share (%)	Federal Fund Source	Local Match Fund Source	Actual or Anticipated federal authorization date*
ENG1							
ENG 2							
ROW							
CONST	2014	2,160	1,728	80%	CMAQ	State Only Chicago Commitment	10/1/2013 (IDOT Federal authorization)
CE	2014	240	192	80%	CMAQ	State Only Chicago Commitment	10/1/2013 (IDOT Federal authorization)
Total							

*For the construction phase, enter the letting date. For other phases, the authorization date is typically the date the Local Agency Agreement is executed by IDOT Central Office. For phases not using federal funds, enter the estimated completion date of the phase.

*Some non-traditional projects (such as the purchase of bicycle racks) may be ENG/IMP projects processed through IDOT. For these projects, enter the federal authorization date.

Requested Cost Increase

Please enter the additional CMAQ funds requested (difference between currently programmed funds and current cost estimate).

Please complete the table that is appropriate for the type of project. Please insert additional rows in the table if more than one fund source is being used for a phase, or if funding is “staged” in multiple federal fiscal years.

Phase	Starting FFY	Additional Total Cost (\$000's)	Additional Federal CMAQ Funds(\$000's)	Revised Federal Share (%)
ENG1				
ENG 2				
ROW				
CONST	2014	2160	+1728	
CE	2014	240	+192	
Total				

ENG		-400	-320	
IMP		-2000	-1620	
Total		0	0	

Reason for Request

Briefly describe the reason for the increased cost (this information will be used to develop the PSC agenda)

This project will be conducted under IDOT district I rules as a “Construction” line item rather than “implementation”. Also, it will be a “furnish and install” procurement and thus the “engineering for implementation” in the original application will be conducted as “construction engineering.”

State and Federal Project Information

State and/or Federal identification must be provided below or via an attached Project Program Information (PPI) Form or Local Agency Agreement for Federal Participation (BLR 5310).

Select One.

- State/Federal Project or Grant Numbers Provided Below
- Most recently *approved* PPI Form Attached
- Local Agency Agreement Attached

Enter TBD if numbers have not yet been assigned by IDOT or the FTA.

Phase	State Job Number X-00-000-00	Federal Project Number XXX-0000(000)	FTA Grant Number IL-XX-XXXX-XX
ENG1	P-		
ENG 2	D-		
ROW	R-		
CONST	C-88-001-13	CMM-6000(404)	
ENG			
IMP			

Additional Comments

Provide any additional information that may assist CMAP staff and the PSC with consideration of this request. Use this space to explain any entries above that were left blank, or to clarify any of your above responses.

These are technical changes to match the locally executed Individual Project Agreement and the contracting process for the project. The essential scope of work and net project costs are unchanged.

Submit this completed form and any requested attachments to your Planning Liaison (PL) for review and submittal to CMAP. For sponsors noted as exceptions to PL review in the procedure above, please submit to the project contact for transmittal to CMAP.

For the submittal procedures that apply to this form, see the [CMAQ Scope and Cost Change Request Procedures](#) document.

Doug Ferguson

From: Rogers, Michael D. <Michael.Rogers@Illinois.gov>
Sent: Friday, June 28, 2013 1:11 PM
To: Doug Ferguson
Subject: RE: Illinois EPA CMAQ Diesel Engine Repower Grant Scope Change Request

Doug,

The Illinois EPA would like to request a scope change to our CMAQ diesel engine repower project (TIP ID # 13-12-0003) to include USEPA-certified or USEPA/CARB-verified engine upgrades as an approved technology under the scope of this project along with engine replacement. We have learned that, due to the long life and high cost of larger diesel engines, which primarily operate in the marine and locomotive industries, certain engines are able to be upgraded to reduce their emissions by applying manufacturer upgrades that are retrofits currently verified by USEPA or CARB as a package of components demonstrated to achieve specific levels of emission reductions. Some locomotives and marine engines are able to be upgraded through the application of a certified remanufacture system that is used to rebuild the engine to represent an engine configuration which is certified to meet more stringent federal emission standards. Remanufacturing is regulated under USEPA's Marine Remanufacture Program. I have attached a document describing this program.

One of our sub-grantees has found that replacing his current unregulated Caterpillar 3512 engine with a new Tier 2 engine would cost approximately \$430K, while upgrading it using a USEPA-certified remanufacture kit to the Tier 2 level would cost \$233K. Absent the requested ability to choose engine upgrades, many operators of large marine engines will likely simply continue to operate their unregulated engines. We believe that allowing the choice of USEPA-certified or USEPA/CARB-verified engine upgrades would make such diesel projects more financially attractive while still obtaining significant particulate matter emissions reductions.

Please call me with any questions.

Mike Rogers

Mike Rogers

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