Chicago Metropolitan Agency for Planning

CMAQ Cost Increase Analysis

TIP ID: **04-09-0003**

Description: **Indiana Harbor Belt Railroad Switcher Engine Retrofit**

Ranking Computation

	2009 Award	2010 Award	2011 Increase
Kilos VOC eliminated	14,061.3635	10,160.4691	24,221.8326
Cost	$ 4,251,000	$ 1,474,000	$ 6,784,000
$/Kilo VOC eliminated	$ 302	$ 145	$ 280
Rank	12	5	10

Project Expenses

	Federal Share	Total	Fed %	Basis
2009 Award	$ 2,763,150	$ 4,251,000	65.0%	Approved project
2010 Award	$ 958,100	$ 1,474,000	65.0%	Approved project
2011 Increase	$ 4,409,600	$ 6,784,000	65.0%	Letter from Sponsor
Increase Amount	$ 688,350	$ 1,059,000		

2009 Award = 3 engines
2010 Award = 1 engine

FY 2009 CMAQ Program

CMAQ ID	Facility to be Improved	$ Per Kilo VOC Eliminated	Proposed Program
DR13093149	Cook County Dept of Environmental Control-Cook County Fleet Diesel Retrofit	$31	$633,873
DR13093151	Pace-Bus Diesel Engine Retrofits	$130	$4,548,080
DR13093150	IEPA-Chicago Area Diesel Retrofit Program	$111	$1,000,000
DR01093127	IEPA-Retofit of Amtrak Switcher Engines	$190	$1,200,000
DR01093125	CDOE-Chicago Diesel Emissions Reduction Project	$275	$1,739,000
DR04093133	Berkeley-Union Pacific Proviso Railyard Switcher Engine Retrofit	$212	$2,080,000
DR01093126	IEPA-Norfolk Southern Railway Co Switchyard Diesel Locomotive Retrofit Project	$213	
DR06093132	Bedford Park-BRC Clearing Yard Switcher Retrofit	$232	$2,925,000
DR07093135	IEPA-CSXT Barr Rail Yard Switch Engine Retrofit-Year 2 & 3	$266	
	Revised Rank	$280	
DR13093148	Riverdale-Indiana Harbor Belt Railroad SD-20 Retrofit	$320	
DR05093134	Cicero-Cicero Rail Yard Locomotive Diesel Retrofit	$372	$1,820,000
DR13093142	**Franklin Park-Indiana Harbor Belt Railroad Switcher Engine Retrofit***	**$403**	**$2,763,150**
DR13093182	IDOT-IDOT Maintenance Fleet Emissions Reduction	$821	$800,000
DR07093136	Riverdale-Biofuels Facility for the South Region	Not Analyzed	

*Project was funded at less than requested

FY 2010 CMAQ Program

CMAQ ID	Facility to be Improved	$ Per Kg VOC Eliminated	Proposed total
DR01103208	Diesel Particulate Filter Retrofit for CTA Buses	$252	$11,920,000
DR13103219	Cook County DPF Diesel Retrofit	$110	$582,738
DR01103209	Retofit of Amtrak Switcher Engines	$131	$1,200,000
DR07103216	CSXT Barr Rail Yard Switch Engine Retrofit	$133	$3,900,000
DR13103211	Indiana Harbor Belt Railroad Switcher Engine Retrofit	$145	$958,100
DR04103212	Union Pacific Proviso Railyard Switcher Engine Retrofit	$168	$5,200,000
DR13103215	Indiana Harbor Belt Railroad Retrofit	$176	$4,641,000
DR06103213	BRC Clearing Yard Switcher Retrofit	$183	$2,798,250
DR10103218	Diesel Retrofit Project	$71	$23,400
DR13103221	Norfolk Southern Railway Co Switchyard Diesel Locomotive Retrofit Project	$230	$3,380,000
	Revised Rank	**$280**	
DR03103210	Diesel Fleet Emissions Reduction Project	$413	$221,600
DR13103220	Diesel Engine Retrofits	$539	$4,680,000
DR13103381	Installation of GenSets on Two Metra Switch Engines	$857	$2,800,000
DR07103214	Diesel Vehicle Replacement Program	$12,125	$0
DR08103217	Public Works Diesel Emissions Reduction Project	$11,482	$0
DR13103222	IDOT Maintenance Fleet Air Pollution Reduction Effort	$1,575	$0