



**Memo**

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**Elgin Bike Route #1**  
**Section Number: 09-00175-00-BT**  
**TIP ID: 09-09-0006**

**RE: CMAQ Funding Increase Request**

The City of Elgin has recently completed the Phase I study for this bikeway route within the City of Elgin. Design approval from IDOT was received on December 13, 2011. This route will provide connections to neighborhoods and additional modes of transportation which will serve the residents of the City and surrounding communities by promoting increased bicycle usage and safety. The bikeway route will connect the downtown with an existing regional bike path extending into Hoffman Estates and a forest preserve.

The original 2.7-mile facility was planned as an on-street route for the majority of the segment. Through the course of the Phase I studies it was determined that a portion of the facility would need to be off-road due to the narrow roadway width for Congdon Avenue east of Preston Avenue for a distance of approximately 1,950 feet. As a result, the costs of the project have increased from both an engineering and construction perspective. In addition to the new costs of the bike pavement there are additional associated costs including the following:

- Tree Removal and Replace (R&R)
- Sodding
- Driveway Pavement R&R
- PCC Sidewalk R&R
- Curb and Gutter Removal
- Lighting Relocation

Due to these additional scope items, the City is requesting additional funding to implement the Phase II engineering and construction of the project. The table below identifies the additional funding request

**Originally Programmed: Segment I NE Quadrant**

	<b>Total Cost</b>	<b>Fed Cost</b>	<b>City Cost</b>
<b>Phase I Engineering</b>	\$16,800	\$13,400	\$3,400
<b>Phase II Engineering</b>	\$33,600	\$26,900	\$6,700
<b>Construction</b>	\$336,400	\$269,100	\$67,300
<b>Construction Eng.</b>	<u>\$36,000</u>	<u>\$28,800</u>	<u>\$7,200</u>
	\$422,800	\$338,200	\$84,600

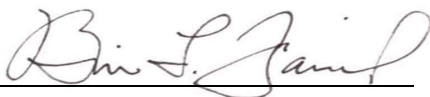
**Revised Funding: Segment I NE Quadrant**

	<b>Total Cost</b>	<b>Fed Cost</b>	<b>City Cost</b>
<b>Phase I Engineering</b>	\$41,782	\$33,425	\$8,357
<b>Phase II Engineering</b>	\$85,000	\$68,000	\$17,000
<b>Construction</b>	\$435,600	\$348,000	\$87,000
<b>Construction Eng.</b>	<u>\$50,000</u>	<u>\$40,000</u>	<u>\$10,000</u>
	\$611,782	\$489,425	\$122,357

The City respectfully requests the Committee allocate the additional funding needed for the project. Like many communities, Elgin cannot implement such improvements without the help of outside agencies. With continued funding, we will make sure that this project is implemented.

The Phase II Engineering Agreement has been prepared will be submitted to IDOT for review and approval.

Thank you for your time and consideration.

By:   
Brian L. Fairwood, TranSystems

# Chicago Metropolitan Agency for Planning

## CMAQ Cost Increase Analysis

TIP ID: **09-09-0006**

Description: **Elgin Bikeway Plan Route 1 NE Quadrant**

### Ranking Computation

	2009	2012 increase
Kg VOC eliminated	362.69	362.69
Cost	\$ 422,800	\$ 611,782
\$/Kg VOC eliminated	\$ 1,166	\$ 1,687
Rank	5	7

### Project Expenses

	Federal Share	Total	Federal %	Basis
2009	\$ 338,200	\$ 422,800	80.0%	Approved Projects
2012	\$ 469,400	\$ 586,750	80.0%	Letter from Sponsor
Increase Amount	\$ 131,200	\$ 163,950		

2009 CMAQ Program

CMAQ ID	Facility to be Improved	Project Total	\$ Per Kilo VOC Eliminated	Proposed Program
BP01093029	CDOT-Streets for Cycling/Bike 2015 Plan Implementation-2010/2011 Series	\$ 2,925,000		
BP03093032	Des Plaines-City of Des Plaines Bike Network Implementation Stage 1	\$ 155,000	\$195	\$400,000
BP03093035	Arlington Heights-Douglas Ave Multi-use Path	\$ 130,000	\$244	\$124,000
BP06093039	Orland Hills-Lake Lorin and Ashbourne Lake Bike Trail Connectors	\$ 191,000	\$561	\$90,000
			\$1,013	\$120,000
BP09093052	Elgin-Elgin Bikeway Plan Route 1 NE Quadrant	\$ 422,800	\$1,166	\$40,300
BP09093045	Carpentersville-Wilmette Ave Bicycle Multi-use Path	\$ 122,000	\$1,250	\$82,000
BP11093072	Algonquin-Hanson Rd Bike Path	\$ 192,000	\$1,464	\$144,000
BP09093052	Elgin-Elgin Bikeway Plan Route 1 NE Quadrant	\$ 422,800	\$1,687	\$40,300
BP08093042	Addison-Salt Creek Greenway Trail from Villa/2nd to FP Dr/Addison Rd	\$ 5,470,350	\$2,587	\$3,920,000
BP12093089	Bolingbrook-Lily Cache Bike Path	\$ 680,000	\$2,918	\$153,000
BP06093040	Palos Heights-Cal Sag Greenway Bike Trail from IL 83 to 127th St	\$ 8,510,000	\$3,531	\$360,000
BP09093053	Elgin-Elgin Bikeway Plan Route 1 SW Quadrant	\$ 3,401,000	\$3,551	\$324,000
BP03093034	Hoffman Estates-Higgins Rd Pedestrian and Bicycle Project	\$ 863,000	\$3,587	\$600,000
BP11093071	Lake in the Hills Parks & Recreation Department-Harvest Gate Bike Path	\$ 707,625	\$5,630	
BP01093026	CDOT-Weber Spur Trail UPRR (Former CNW)	\$ 9,210,000	\$7,074	\$1,680,000
BP01093030	CDOT-CDOT-Lakefront Trail-Navy Pier Flyover	\$ 28,335,500	\$8,548	\$5,500,000
BP11093073	Cary-Cary-Algonquin Rd Bikeway from West Main St to North Fox Trails Dr	\$ 878,600	\$8,949	
BP03093028	Schaumburg-Martingale Rd Bikeway	\$ 1,354,900	\$9,123	
BP10093067	Antioch-East Bike Path along Little Silver Lake Rd, North Deep Lake Rd, IL 173	\$ 690,000	\$12,236	
BP10093066	Antioch-West Bike Path along Trevor Rd, North Ave, Tiffany Rd, IL 173, IL 59	\$ 882,000	\$12,411	
BP12093086	New Lenox-Metra Southwest Station Bike Path	\$ 751,500	\$13,440	
BP12093084	Homer Glen-Homer Glen Community Trail West Extension	\$ 1,304,000	\$13,530	
BP08093043	Woodridge-Woodridge Bicycle/Pedestrian Bridge over IL 53	\$ 2,427,000	\$17,448	
BP12093085	Minooka-Lion's Park Bike Path	\$ 603,825	\$18,051	
BP10093068	Hawthorn Woods-Midlothian Rd Bike Path from Kruckenbug/Heritage Oaks Park to Old McHenry Rd	\$ 684,000	\$18,476	
BP09093064	Sugar Grove-Blackberry Creek Shared-Use Path Bridge and Connector	\$ 429,500	\$20,568	
BP10093069	Long Grove-Old McHenry Rd Multi-Use Path from IL 22 to N of Robert Parker Coffin Rd	\$ 1,284,800	\$23,626	
BP07093041	Burnham-Burnham Greenway Trail from State St to Brainard and Burnham	\$ 4,318,000	\$24,549	
BP12093087	New Lenox-Nelson Rd South Bike Path	\$ 1,380,300	\$24,940	
BP12093088	Frankfort-SE Area Community Bike Trail Pfeiffer Rd and Sauk Trail to 80th Ave	\$ 937,700	\$28,129	
BP03093031	Cook County Highway Department-Deer Grove Forest Preserve Paved Bike Extension	\$ 1,599,000	\$31,208	
BP09093063	Montgomery-Baseline Rd Shared Use Path Orchard/Horseman Trail/Caterpillar Rd	\$ 359,000	\$37,835	
BP09093044	St. Charles-Red Gate Rd Bike Trail Part of Red Gate Rd Bridge Project	\$ 3,619,000	\$94,361	
BP09093062	Montgomery-US 30 Shared-use Path Bridge 700ft N/S of US 30	\$ 881,600	\$398,964	