

Appendix C: Extra Vehicle Operating Costs for Urban Areas with a Population over 500K

Urban Area	State	VOC
Akron	OH	\$797
Albany	NY	\$480
Albuquerque	NM	\$669
Allentown--Bethlehem	PA	\$535
Atlanta	GA	\$447
Austin	TX	\$706
Bakersfield	CA	\$342
Baltimore	MD	\$598
Birmingham	AL	\$784
Boston	MA	\$476
Bridgeport--Stamford	CT	\$701
Buffalo	NY	\$390
Charlotte	NC	\$447
Chicago	IL	\$710
Cincinnati	OH	\$455
Cleveland	OH	\$845
Colorado Springs	CO	\$723
Columbus	OH	\$566
Concord	CA	\$954
Dallas--Fort Worth--Arlington	TX	\$791
Dayton	OH	\$459
Denver--Aurora	CO	\$737
Detroit	MI	\$866
El Paso	TX	\$815
Fresno	CA	\$526
Grand Rapids	MI	\$803
Hartford	CT	\$654
Honolulu	HI	\$777
Houston	TX	\$772
Indianapolis	IN	\$377
Indio--Cathedral City--Palm Springs	CA	\$686
Jacksonville	FL	\$487
Kansas City	MO	\$398
Lancaster--Palmdale	CA	\$600
Las Vegas	NV	\$440
Los Angeles--Long Beach--Santa Ana	CA	\$1,031
Louisville	KY	\$457
Memphis	TN	\$516
Miami	FL	\$601
Milwaukee	WI	\$753

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Urban Area	State	VOC
Minneapolis--St. Paul	MN	\$249
Mission Viejo	CA	\$655
Nashville-Davidson	TN	\$239
New Haven	CT	\$707
New Orleans	LA	\$713
New York--Newark	NY	\$791
Oklahoma City	OK	\$917
Omaha	NE	\$729
Orlando	FL	\$292
Philadelphia	PA	\$690
Phoenix--Mesa	AZ	\$345
Pittsburgh	PA	\$411
Portland	OR	\$406
Poughkeepsie--Newburgh	NY	\$531
Providence	RI	\$628
Raleigh	NC	\$279
Richmond	VA	\$669
Riverside--San Bernardino	CA	\$812
Rochester	NY	\$314
Sacramento	CA	\$767
Salt Lake City	UT	\$640
San Antonio	TX	\$838
San Diego	CA	\$843
San Francisco--Oakland	CA	\$1,044
San Jose	CA	\$844
Sarasota--Bradenton	FL	\$549
Seattle	WA	\$693
Springfield	MA	\$487
St. Louis	MO	\$438
Tampa--St. Petersburg	FL	\$444
Toledo	OH	\$676
Tucson	AZ	\$586
Tulsa	OK	\$928
Virginia Beach	VA	\$529
Washington	DC	\$621

Source: TRIP analysis of Federal Highway Administration data, 2013.