

## #70, CAPITAL REGION BIKE RACK PROGRAM

<p><b>LOCATION:</b> CDTA Service Area  <b>DESCRIPTION:</b> Purchase of bicycle parking racks  <b>CATEGORY:</b> Transit  <b>COST:</b> \$0.55 M    <b>LIFE:</b> 5 Years  <b>SPONSOR:</b> CDTA  <b>CURRENT CONDITION:</b> Bike Racks are sparse throughout the Capital Region. Project would serve to fill this gap.  <b>FUNCTIONAL CLASS:</b> N/A  <b>AADT:</b> N/A  <b>ON PRIORITY NETWORK(S):</b> Transit</p>	<table border="1"> <thead> <tr> <th><b>BENEFIT/COST RATIO</b></th> <th><b>6.2</b></th> </tr> </thead> <tbody> <tr> <td>TOTAL BENEFITS (\$k/yr)</td> <td>\$808</td> </tr> <tr> <td>SAFETY</td> <td>\$69</td> </tr> <tr> <td>TRAVEL TIME</td> <td>\$124</td> </tr> <tr> <td>OPERATING/ENERGY*</td> <td>N/A</td> </tr> <tr> <td>ENERGY/USER</td> <td>\$294</td> </tr> <tr> <td>LIFE CYCLE VALUE</td> <td>\$147</td> </tr> <tr> <td>OTHER</td> <td>\$174</td> </tr> <tr> <td> </td> <td></td> </tr> <tr> <td>ANNUALIZED COST (\$k/yr)</td> <td>\$131</td> </tr> </tbody> </table>	<b>BENEFIT/COST RATIO</b>	<b>6.2</b>	TOTAL BENEFITS (\$k/yr)	\$808	SAFETY	\$69	TRAVEL TIME	\$124	OPERATING/ENERGY*	N/A	ENERGY/USER	\$294	LIFE CYCLE VALUE	\$147	OTHER	\$174	 		ANNUALIZED COST (\$k/yr)	\$131
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\*includes gasoline usage and ownership costs

**CONGESTION RELIEF:** No measurable reductions in excess delay. VMT reduced by 417,666. Supports non-auto modes of transportation.  
**AIR QUALITY BENEFIT:** Volatile organic compounds reduced by 167 KG/year and NOx reduced by 217 KG/year. Benefits AQ if people use bikes instead of cars.  
**ENVIRONMENTAL MITIGATION:** N/A  
**REGIONAL SYSTEM LINKAGE:**

**LAND USE COMPATIBILITY (PLANNED OR EXISTING):** Numerous Linkage Studies.  
**CONTRIBUTION TO COMMUNITY OR ECONOMIC DEVELOPMENT:** N/A  
**ENVIRONMENTAL JUSTICE:** N/A  
**BUSINESS OR HOUSING DISLOCATIONS:** N/A

<p><b>FACILITATES:</b>  <b>BICYCLING - Y</b>  <b>WALKING - Y</b></p>	<p><b>TRANSIT USE - Y</b>  <b>GOODS MOVEMENT - NA</b>  <b>INTERMODAL TRANSFERS - NA</b></p>
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**SPONSOR PRIORITY:** 13 of 14  
**SCREENING ISSUES:** None  
**OTHER CONSIDERATIONS:** Pilot now being tested with TDM allocation – would make this a permanent program.