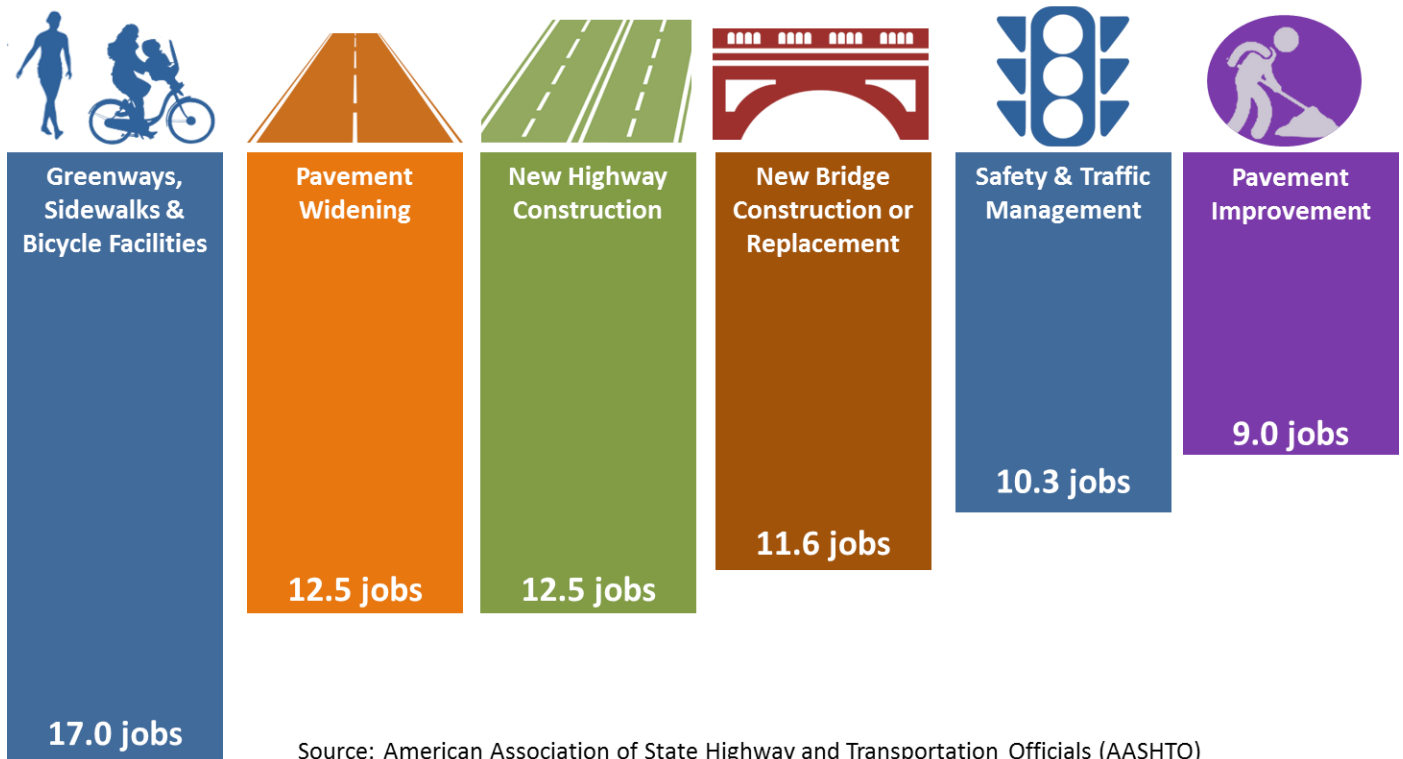




# Bicycling and walking projects create more jobs per million dollars

## Job Creation: Making a Case for Healthy Transportation Investments

Jobs Created Per Million Dollars Spent



Source: American Association of State Highway and Transportation Officials (AASHTO) Average Direct Jobs by Project Type (2012); Job in terms of full-time equivalents (FTE)



A report by the National Cooperative Highway Research Program (NCHRP) found that Transportation Enhancement (TE) projects create more jobs per million dollars than other transportation projects.<sup>1</sup> Over 60 percent of those TE projects were bicycling and/or walking infrastructure projects.

<sup>1</sup> Dowell, Paula. NCHRP 08-36, Task 103 Mining Recovery Act Data for Opportunities to Improve the State of Practice for Overall Economic Impact Analysis of Transportation Investments, Cambridge Systematics. January, 2012. Page 43. Accessed December 16, 2016 [http://onlinepubs.trb.org/onlinepubs/nchrp/docs/NCHRP08-36\(103\)\\_FR.pdf](http://onlinepubs.trb.org/onlinepubs/nchrp/docs/NCHRP08-36(103)_FR.pdf)

A private study by the Political Economic Research Institute at the University of Massachusetts found similar results in a study of transportation projects in 14 cities across the United States.<sup>2</sup>

Table 2: National Average Employment Impacts by Project Type

Project type	Road	Bicycle	Pedestrian	Off-street trail	Number of projects	Direct jobs per \$1 million	Indirect jobs per \$1 million	Induced jobs per \$1 million	Total jobs per \$1 million
Total, all projects					58	4.69	2.12	2.15	8.96
Bicycle infrastructure only		•			4	6.00	2.40	3.01	11.41
Off-street multi-use trails				•	9	5.09	2.21	2.27	9.57
On-street bicycle and pedestrian facilities (without road construction)		•	•		2	4.20	2.20	2.02	8.42
Pedestrian infrastructure only			•		10	5.18	2.33	2.40	9.91
Road infrastructure with bicycle and pedestrian facilities	•	•	•		13	4.32	2.21	2.00	8.53
Road infrastructure with pedestrian facilities	•		•		9	4.58	1.82	2.01	8.42
Road infrastructure only (no bike or pedestrian components)	•				11	4.06	1.86	1.83	7.75



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2 Garrett-Peltier, Heidi. Pedestrian and Bicycle Infrastructure: A National Study of Employment Impacts Political Economic Research Institute University of Massachusetts 6/20/2011 [http://www.peri.umass.edu/fileadmin/pdf/published\\_study/PERI\\_ABikes\\_June2011.pdf](http://www.peri.umass.edu/fileadmin/pdf/published_study/PERI_ABikes_June2011.pdf)