



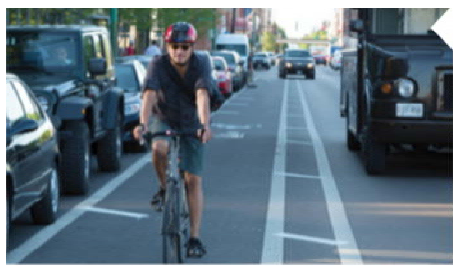
**GREEN LANE PROJECT**  
peopleforbikes



## 14 WAYS TO MAKE BIKE LANES BETTER

A quick guide to the ways to protect a bike lane.

Developed from research by Nathan Wilkes, City of Austin



### STRIPED BUFFER

1.5 ft. additional width; \$8k-\$16k per lane-mile

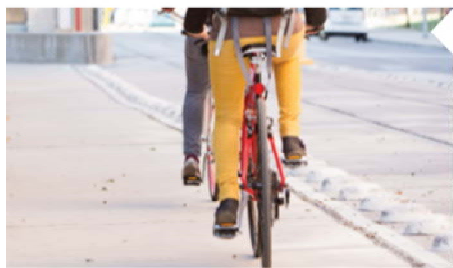
PROTECTION LEVEL	+	+	+	+	+
INSTALLATION COST	\$	\$	\$	\$	\$
DURABILITY	⊖	⊖	⊖	⊖	⊖
AESTHETICS	⊖	⊖	⊖	⊖	⊖



### DELINEATOR POSTS

1.5 ft. additional width; \$15k-\$30k per lane-mile

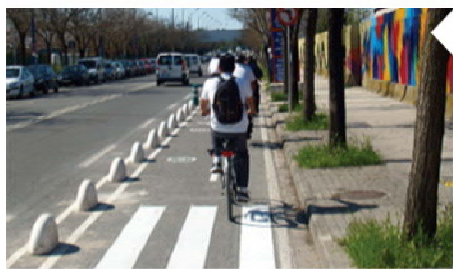
PROTECTION LEVEL	+	+	+	+	+
INSTALLATION COST	\$	\$	\$	\$	\$
DURABILITY	⊖	⊖	⊖	⊖	⊖
AESTHETICS	⊖	⊖	⊖	⊖	⊖



### TURTLE BUMPS

1.5 ft. additional width; \$15k-\$30k per lane-mile

PROTECTION LEVEL	+	+	+	+	+
INSTALLATION COST	\$	\$	\$	\$	\$
DURABILITY	⊖	⊖	⊖	⊖	⊖
AESTHETICS	⊖	⊖	⊖	⊖	⊖



### LARGE BUMPS

1.5 ft. additional width; \$15k-\$30k per lane-mile

PROTECTION LEVEL	+	+	+	+	+
INSTALLATION COST	\$	\$	\$	\$	\$
DURABILITY	⊖	⊖	⊖	⊖	⊖
AESTHETICS	⊖	⊖	⊖	⊖	⊖



### OBLONG LOW BUMPS

1.5 ft. additional width; \$10k-\$20k per lane-mile

PROTECTION LEVEL	+	+	+	+	+
INSTALLATION COST	\$	\$	\$	\$	\$
DURABILITY	⊖	⊖	⊖	⊖	⊖
AESTHETICS	⊖	⊖	⊖	⊖	⊖



### PARKING STOPS

6 in. additional width; \$20k-\$40k per lane-mile

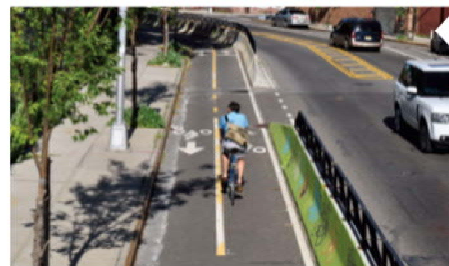
PROTECTION LEVEL	+	+	+	+	+
INSTALLATION COST	\$	\$	\$	\$	\$
DURABILITY	⊖	⊖	⊖	⊖	⊖
AESTHETICS	⊖	⊖	⊖	⊖	⊖



### PARKED CARS

11 ft. for parking + buffer; \$8k-\$16k per lane-mile

PROTECTION LEVEL	+	+	+	+	+
INSTALLATION COST	\$	\$	\$	\$	\$
DURABILITY	⊖	⊖	⊖	⊖	⊖
AESTHETICS	⊖	⊖	⊖	⊖	⊖



### JERSEY BARRIERS

2 ft. additional width; \$80k-\$160k per lane-mile

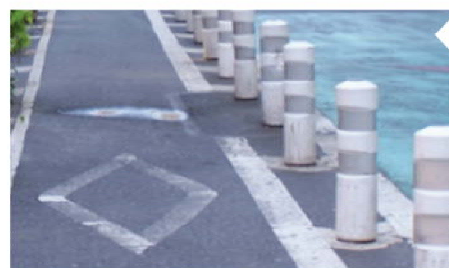
PROTECTION LEVEL	+	+	+	+	+
INSTALLATION COST	\$	\$	\$	\$	\$
DURABILITY	⊖	⊖	⊖	⊖	⊖
AESTHETICS	⊖	⊖	⊖	⊖	⊖



### PLANTERS

3 ft. additional width; \$80k-\$400k per lane-mile

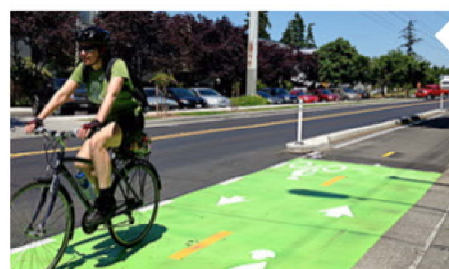
PROTECTION LEVEL	+	+	+	+	+
INSTALLATION COST	\$	\$	\$	\$	\$
DURABILITY	⊖	⊖	⊖	⊖	⊖
AESTHETICS	⊖	⊖	⊖	⊖	⊖



### RIGID BOLLARDS

2 ft. additional width; \$100k-\$200k per lane-mile

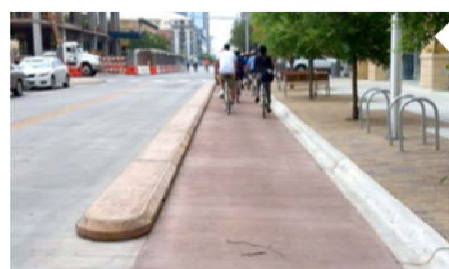
PROTECTION LEVEL	+	+	+	+	+
INSTALLATION COST	\$	\$	\$	\$	\$
DURABILITY	⊖	⊖	⊖	⊖	⊖
AESTHETICS	⊖	⊖	⊖	⊖	⊖



### CAST IN PLACE CURB

12 in. additional width; \$25k-\$80k per lane-mile

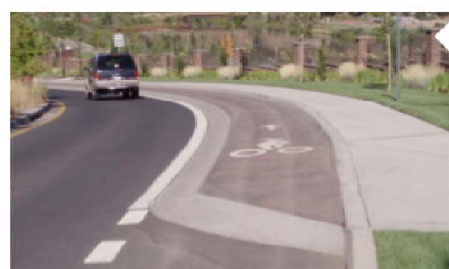
PROTECTION LEVEL	+	+	+	+	+
INSTALLATION COST	\$	\$	\$	\$	\$
DURABILITY	⊖	⊖	⊖	⊖	⊖
AESTHETICS	⊖	⊖	⊖	⊖	⊖



### 12" PRECAST CURB

1.5 ft. additional width; \$400k-\$600k per lane-mile

PROTECTION LEVEL	+	+	+	+	+
INSTALLATION COST	\$	\$	\$	\$	\$
DURABILITY	⊖	⊖	⊖	⊖	⊖
AESTHETICS	⊖	⊖	⊖	⊖	⊖



### RAISED BIKEWAY

No additional width; \$8m-\$26m per lane-mile

PROTECTION LEVEL	+	+	+	+	+
INSTALLATION COST	\$	\$	\$	\$	\$
DURABILITY	⊖	⊖	⊖	⊖	⊖
AESTHETICS	⊖	⊖	⊖	⊖	⊖

The ratings for aesthetics are subjective, based on full life-cycles. For details on all ratings, visit [bit.ly/14bikelanes](http://bit.ly/14bikelanes).

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