

South Carolina Clearing House for Pedestrians and Cyclists

STRIDE

Southeastern Transportation Research,
Innovation, Development and Education Center

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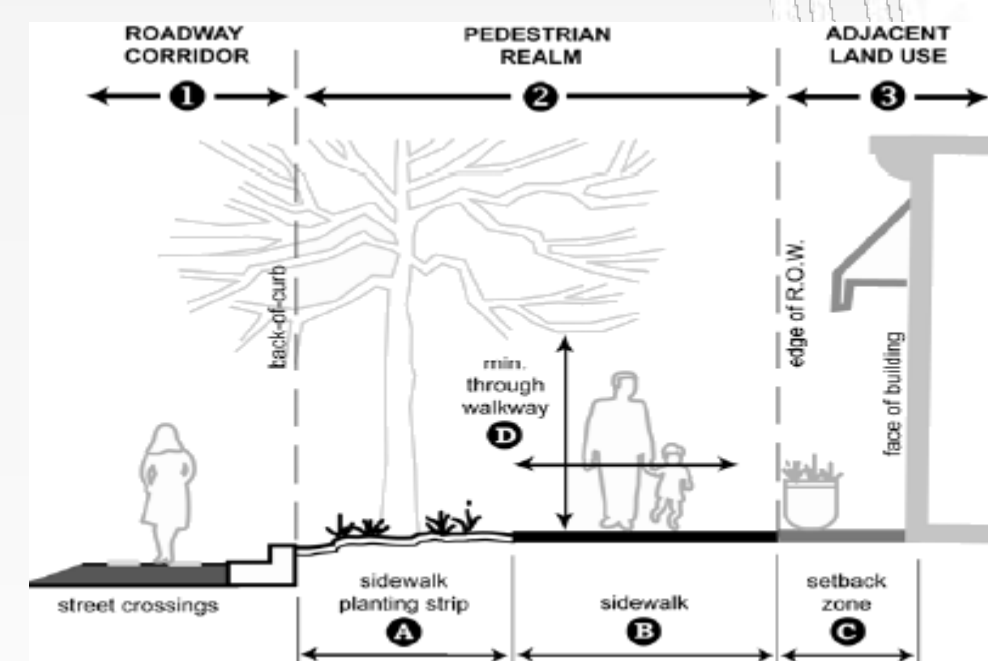
THE CITADEL
SCHOOL OF ENGINEERING

Introduction

Support for travel mode related infrastructure planning, design and operations for the state's transportation agencies, planning agencies, engineering organizations, engineering consultants, and the public.

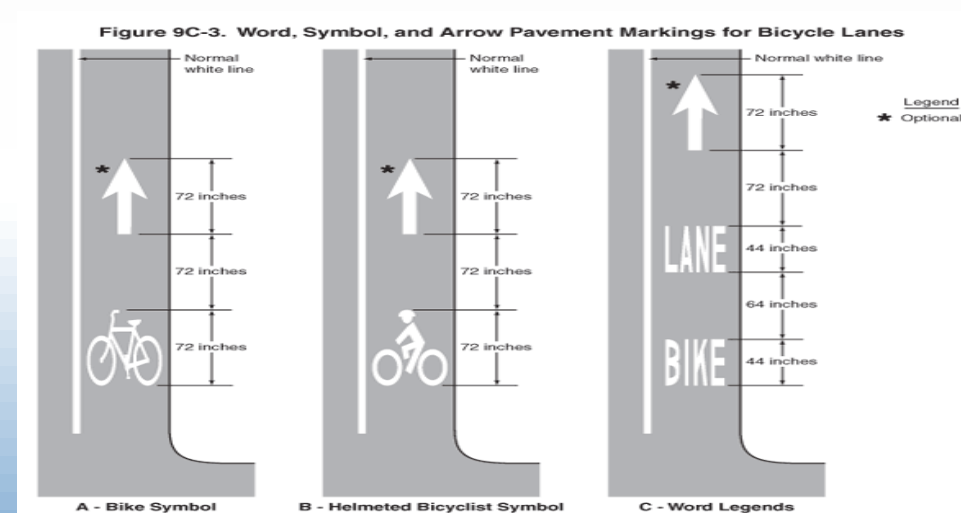
Criteria & Regulations

- FHWA Guidance: Bicycle and Pedestrian Provisions of Federal Transportation Legislation
- FHWA Bicycle and Pedestrian Facility Design Flexibility
- USDOT Policy Statement on Bicycle and Pedestrian Accommodation, Regulations, and Recommendations
- SCDOT Roadway Design Manual 2017
- NCSL Database
- FHWA Guidebook for Developing Pedestrian and Bicycle Performance Measurements
- NCSL Summary of Pedestrian Crossings



<https://www.planetizen.com/node/41262>

- FHWA Bicycle Facilities and the Manual on Uniform Traffic Control Devices



https://mutcd.fhwa.dot.gov/hm/2009/images/fig9c_03.gif

Facts & Laws

SC Traffic Collision Fact Book 2016

- One BICYCLIST killed every 15.3 days
- One PEDESTRIAN killed every 2.5 days
- One CHILD UNDER 6 seriously injured or killed

NHTSA Traffic Safety Facts 2016 Data

- Pedestrian deaths (nationwide) accounted for 16% of all traffic fatalities.
- Bicyclists deaths accounted for 2.2%.

CY 2016 Preliminary Fatal Accident Reporting System (FARS) data, pedestrian fatalities increased 34.6% from the 2010-2014 five-year baseline average of 107 to 144 in 2016. The projected number of pedestrian fatalities for 2017 is 150, a 40.2% increase from the 2010-2014 five-year baseline average of 107. (SCDPS Annual Report 2017)

Traffic Collisions Involving a Pedestrian

Collisions By Year	Fatal Collision	Injury Collision	PDO* Collision	Total Collisions	Persons Killed**	Persons Injured**
2012	121	890	26	1,037	125	1,024
2013	100	834	28	962	100	950
2014	107	795	21	923	110	916
2015	126	799	28	953	131	921
2016	145	892	27	1,064	150	1,059
TOTALS	599	4,310	130	5,039	516	5,001

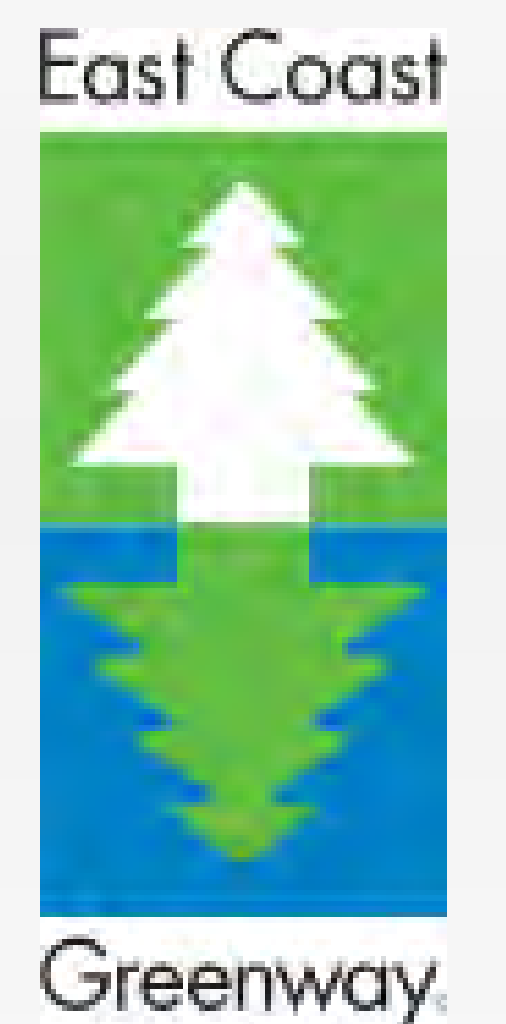
Bicyclist fatalities increased 78.6% from the 2010-2014 five-year baseline average of 14 to 25 in 2016. The projected number of bicyclist fatalities for 2017 is 20, an increase of 42.6% from the 2010-2014 five-year baseline average of 14. (SCDPS Annual Report 2017)

Traffic Collisions Involving a Pedalcycle

Collisions By Year	Fatal Collision	Injury Collision	PDO* Collision	Total Collisions	Persons Killed**	Persons Injured**
2012	14	493	34	541	14	514
2013	15	446	28	489	15	478
2014	14	449	31	494	14	470
2015	16	417	24	457	16	427
2016	24	472	25	521	24	501
TOTALS	83	2,277	142	2,502	83	2,390

<https://scdps-test.sc.gov/sites/default/files/Documents/ohsjp/fact%20book/2016%20Fact%20Book.pdf>

Advocacy Groups



Pedestrians & Cyclists



https://it.m.wikipedia.org/wiki/File:Denmark_road_sign_D27.svg

Pedestrians



<https://www.safetysign.com/products/8373/slow-watch-for-pedestrian-sign>

Cyclists



<https://www.roadtraffic signs.com/bike-signs>