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16. Abstract Reducing crashes involving pedestrians and bicyclists continues to be a major concern in the design of Michigan roads. In seeking to improve the safety of pedestrians, bicyclists, and motorists on Michigan roads, it is important to balance the needs of improved safety and mobility. This report provides a comprehensive review of safety improvements through a series of reports: A pedestrian and bicycle crash analysis in Michigan; a review of national design guidelines with respect to pedestrian and bicycle improvements; a case study analysis of recently completed improvements in Michigan; an analysis of existing guides and manuals that influence the design of roadways in Michigan; finally, and a set of recommended best design practices for walking and bicycling in Michigan.					
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