

STC Research Project Description

Project Title: PEDESTRIAN FACILITIES FOR INDIVIDUALS WITH DISABILITIES
A HANDBOOK OF BEST PRACTICE

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External Project Contact (if applicable):

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Project Start Date: 2/1/03

End Date: 12/31/03

Other Milestones, Dates:

Project Objective:

The objective of this research project is to assemble published reports, guidelines, examples of best practice and standards for the design of pedestrian facilities for Americans with disabilities. The output of the research will be an easy-to-read handbook, highlighting the nature of the problem and examples of good engineering practice. The presentation will be designed to enhance the awareness of public officials, citizens, and engineers of the safety needs of disabled individuals.

Project Abstract:

The output of the research project will supplement existing policies established for the design of barrier-free architectural designs, including intersection curb cuts and the layout and design of parking handicapped. The handbook will focus on all aspects of pedestrian traveling needs on public walkways and will approach the topic by addressing specific needs of individuals with unique requirements.

Task Description:

Task 1 Literature Search

Task 2 Survey of Best Practice

Task 3 Develop Guidebook

Total Budget: \$ 15,000

Student Involvement (Thesis, Assistantships, Paid Employment):

Undergraduate Students – Hourly Pay

Relationship to Other Projects:

Technology Transfer Activities:

Dissemination of Handbook of Best Practices

Potential Benefits of Project:

The output of the research will be a compilation of the state of the art, examples of best practice and appropriate standards for the design of pedestrians facilities for Americans with disabilities. The presentation will be easy to read and will be designed to enhance the awareness of public officials, citizens and engineers of the pedestrian safety needs of individuals with disabilities. Through those approaches the safety of all pedestrians in urban areas will be enhanced.

TRB Keywords:

Pedestrian Facilities, Individuals with Disabilities

