



**SOUTH FLORIDA
REGIONAL
TRANSPORTATION
AUTHORITY**

STATION DESIGN **GUIDELINES**

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PREFACE

A. GOALS

One of the primary goals of SFRTA/TRI-RAIL is the establishment and maintenance of an effective capital planning process. Effective capital planning is a key element of TRI-RAIL’s approach to enhancing customer satisfaction while retaining and attempting to increase ridership. High levels of customer satisfaction and continued growth of TRI-RAIL will bring significant benefits, not only to passengers who use the system, but to the general public throughout South Florida. The purpose of these guidelines is to serve as a tool to help facilitate that process.

A.1 Station Design Guidelines

These guidelines are intended to establish a design direction for TRI-RAIL stations – functional, safe, attractive, and well-maintained stations are of primary importance to the enhancement of customer satisfaction.

These guidelines include general appearance and construction criteria for stations. While the establishment of a consistent, systemwide service identifies a goal of the agency, these guidelines recognize the diversity of the design of various stations and the communities they serve by allowing designers controlled flexibility in the application of the criteria within.

These Station Design Guidelines are applicable to both expansion/rehabilitation of existing stations, and construction of new stations.

SFRTA/TRI-Rail acknowledges that these guidelines represent sort of an ideal, and, may be applied differently at particular stations or areas within stations. These Station Design Guidelines are a living document, which will evolve over time with SFRTA/TRI-RAIL.

A.2 Recommendations for Use

At the beginning of any station improvement or new construction project, the SFRTA/TRI-RAIL Project Manager and Design Consultant should review all available project data to determine whether the defined scope of work is complete and in accordance with these Guidelines.

The Project Manager and Design Consultants shall determine whether:

- i. The scope is insufficient to bring the entire station into full compliance with these guidelines.
- ii. The scope contains work which conflicts with other work recommended by these guidelines.
- iii. The scope directly contradicts these guidelines.

In the first instance, the Project Manager and the Design Consultants should make recommendations indicating additional work to achieve full compliance, along with cost, budget, and schedule impacts.

In the latter two cases, the Project Manager and the Design Consultants should delineate all conflicts and contradictions between the scope and these guidelines. If possible, the cost, budget, and schedule impacts of resolving such conflicts and contradictions should be included. Such reports may serve as important tools in the evolution of these Guidelines.

LIST OF ABBREVIATIONS

AASHTO	American Association of State Highway and Transportation Officials
ADA	Americans with Disabilities Act
ADAAG	Americans with Disabilities Act Accessibility Guidelines
AFF	Automated Flight Following
AREMA	American Railway Engineering and Maintenance-of-Way Association
ASTM	American Society for Testing and Materials
DBE	Disadvantaged Business Enterprise
CCTV	Closed Circuit Television
CSXT	CSX Transportation, Inc.
EMT	Electrical Metallic Tubing
FBC	Florida Building Code
FDOT	Florida Department of Transportation
FPL	Florida Power & Light
GFI	Ground Fault Interrupter
HID	High Intensity Discharge
ITE	Institute of Transportation Engineers
LEED	Leadership in Environmental and Energy Design
LPI	Lightning Protection Institute
NEMA	National Electrical Manufacturers Association
NFPA	National Fire Protection Association
o.c.	On center
PA	Public Address
PI	Passenger Information
PVC	Premature Ventricular Contraction

RGS	Rigid Galvanized Steel
SFRC	South Florida Rail Corridor
SFRTA	South Florida Regional Transportation Authority
SFWMD	South Florida Water Management District
TRI-RAIL	Commuter Rail System Operated by SFRTA
TVM	Ticket Vending Machine
UL	Underwriters Laboratories
USDOT	United States Department of Transportation
USGBC	United States Green Building Council