

Transportation's Role in Building Livable Communities

8:00 am: Course registration

8:30 am: Course Begins

4:30 pm: Course Ends

1. Introduction

Introduction to team, course schedule and topics overview; facility logistics, program partnerships.

2. Land use and transportation elements

Introduction to Complete Streets, Healthy Streets, land use, walkability, walkability elements, sustainability, safety, placemaking, connectivity, role of density, infill, security through design, village development, and redevelopment.

3. Healthy street making principles - traffic and transportation elements

Context Sensitive Solutions, Transportation Design for Livable Communities, safety issues, street layout, low auto dependence patterns, appropriate speed, capacity, traffic volumes, flexibility in design.

4. Aesthetics, placemaking

Gateways, transitions, streetscaping, trees and other landscape treatments.

Lunch

5. Healthy Streets and Corridor Design Overview

Healthy street making practices, design elements and features, and other tools for achieving safe and successful projects, tort liability for designers, introduction to FDOT LOS/ LOQ.

6. Traffic calming, parking and traffic management for roadways

An introduction to the best tools and methods for improving safety by getting speeds, traffic management and circulation patterns in line with community needs. Traffic calming is no longer just for local streets. Emergency response needs. Parallel parking, angled parking, back-in angled parking, state road versus local road parking issues.

7. People and vehicle friendly intersections and crossings

Pedestrian and bicycle-friendly features that also address vehicular demands. Intersection treatments such as roundabouts, bulbouts, mid-block crossings, pork chop islands, and other features for creating livable streets. Correcting existing intersections that were built for vehicle speed.

8. Main Streets, Historical Streets, Road Diets

Keys to enlivening and enriching town centers, streetscapes, when to use road diets, lane width reductions, use of one-way versus two-way streets and other key town center redevelopment issues.

9. Summary

Course summary of key issues and Question and Answer session.