

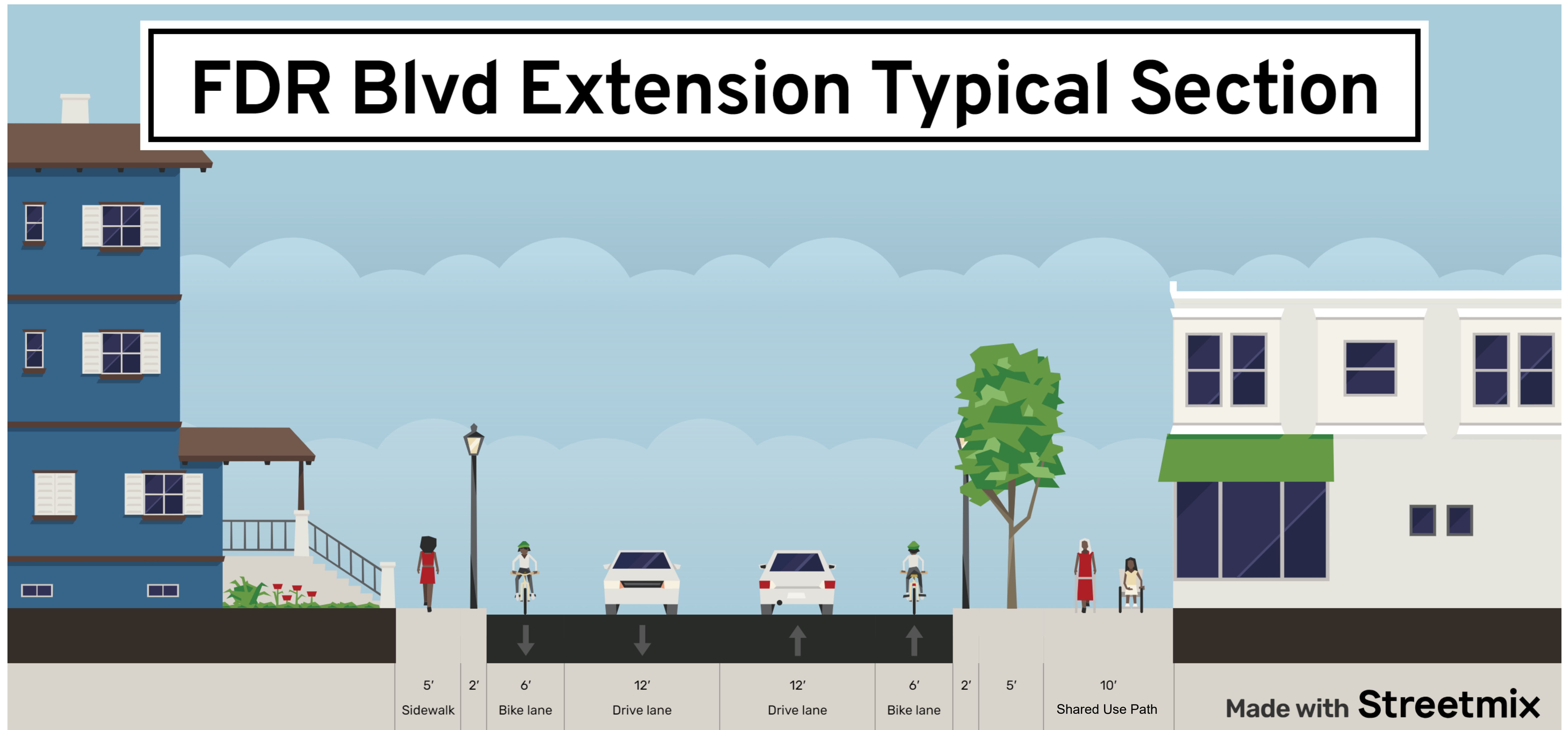


BOARD 5

COMPLETE STREET CONCEPTS

Designing a street for everyone. A “complete street” is designed to enable safe, comfortable use by people of all ages and abilities — whether they are walking, rolling, driving, riding a bike, or using transit. The illustrative typical section below shows how the FDR Boulevard extension is being shaped around this principle, following the County's **Modified R-9 Major Collector** standard.

ILLUSTRATIVE TYPICAL SECTION



TOTAL RIGHT-OF-WAY: 60 FEET (5' + 2' + 6' + 12' + 12' + 6' + 2' + 5' + 10')

Designed to St. Mary's County DPW&T Modified R-9 Major Collector standards (Manual of Design and Construction Standards, rev. June 2021).

KEY FEATURES

1

60-Foot Right-of-Way

The cross-section fits within a 60-foot right-of-way — the minimum required for a Major Collector under the County's R-9 standard — balancing capacity, walkability, and constructability.

2

Two 12' Travel Lanes

One travel lane in each direction, sized to standard Major Collector width so the corridor comfortably carries through traffic, freight, and emergency vehicles.

3

Dedicated 6' Bike Lanes

On-street bike lanes on each side give everyday cyclists a continuous, dedicated facility — separating bicycles from motor traffic and connecting to the County's planned bike network.

4

Sidewalk and Shared Use Path (5' & 10')

ADA-accessible walks on both sides. The wider 10' Shared Use Path along higher-activity frontages doubles as a shared use path; the 5' sidewalk fits lower-activity residential frontages.

5

5' Planted Buffer

A continuous landscape strip between the curb and the 10' Shared Use Path. Holds street trees and ornamental plantings, and can be designed to capture and infiltrate stormwater.

6

2' Curb & Utility Zones

Vertical curb-and-gutter assemblies on each side, with room for drainage inlets and the foundations of pedestrian-scale street lamps that line the corridor.

7

Continuous Street-Tree Canopy

Coordinated tree planting along the corridor creates shade, calms traffic, reduces the urban heat island, and reinforces the boulevard character of the FDR extension.

8

Pedestrian-Scale Lighting

Ornamental lamp posts at consistent spacing provide even illumination for sidewalks and crossings, complementing standard roadway lighting and improving safety after dark.