

## BRIEF PROJECT DESCRIPTIONS:

### Costa Mesa Multi-Purpose Trails Master Plan

**Project 1** is primarily a multi-use (bicycle/pedestrian/skate) path along Adams Ave, from the western City limit to Fairview Road. This project includes one 'bike route' segment (a shared street, marked by signage only), from Harbor Boulevard east to the western edge of the OCC campus.

**Project 2** provides routes for west-east connection, south of Baker Street, from Fairview Road to Bristol Street. Project 2 is primarily a multi-use (bike/walk/skate) path along Paularino Channel, and also includes traffic calmed neighborhood routes on El Camino and Mendoza Drives.

**Project 3** is a 'protected' bike lane (protected from adjacent vehicle travel lanes by vertical barriers) along Bristol Street, from SR 73 to Santa Ana Avenue. This project also includes a short segment of multi-use (bike/pedestrian/skate) path at its southern end.

**Project 4** is a hybrid project along Santa Ana Avenue. It includes a 'protected' bike lane (protected from adjacent vehicle travel lanes by vertical barriers) along the southeast edge of the Santa Ana Country Club. It also includes a traffic calmed neighborhood route to Del Mar Avenue.

**Project 5** is a hybrid project connecting the Orange County Fairgrounds to the Back Bay, using Del Mar and University Avenues. Along Del Mar Avenue, buffered bike lanes (standard 5' bike lanes, with excess asphalt used as a buffer to adjacent vehicle travel lanes) are recommended. Along University Avenue, a traffic calmed neighborhood route is recommended.

**Project 6** is an enhancement project to a portion of the existing bike lanes on Placentia Avenue. Existing bike lanes on Placentia Avenue, from Oriole Drive to Fairview Park, will be upgraded to 'protected' bike lanes (protected from adjacent vehicle travel lanes by vertical barriers).

**Project 7** provides a route from Placentia Avenue east to the existing multi-use path (along the Costa Mesa Golf Course). The project primarily uses traffic calmed neighborhood routes on Canary, Tanager and Oriole Drives, but also recommends a multi-use (bike/walk/skate) path from southern end of Canary Drive south to Placentia Avenue.

**Project 8** connects Harbor Boulevard to Fairview Road along the southern edges of the OCC and Costa Mesa High School campuses. This project recommends the following: a multi-use (walk/bike/skate) path along Merrimac Way, from Harbor Boulevard to the western edge of the OCC campus; buffered bike lanes (standard 5' bike lanes with excess asphalt used as a buffer to adjacent vehicle travel lanes) from the western edge of the OCC campus to Fairview Road; and a multi-use (walk/bike/skate) path from Fairview Road to Newport Boulevard.

**Project 9** provides 'protected' bike lanes (protected from adjacent vehicle travel lanes by vertical barriers) along Fairview Road, from Fair Drive south to West Wilson Street.

**Project 10** provides a connection from Fairview Road to Santa Ana Avenue, across Newport Boulevard. Bike lanes (5' wide) are recommended from Fairview road to Newport Boulevard and a traffic calmed neighborhood route is recommended from Newport Boulevard to Santa Ana Avenue.

**Project 11** provides a connection between the Orange County Fairgrounds and the Back Bay. The project mostly consists of traffic calmed neighborhood routes, but also includes buffered bike lanes (standard 5' bike lanes, with excess asphalt used as a buffer to adjacent vehicle travel lanes). Buffered bike lanes are recommended on Vanguard Way, from Fair Drive to Santa Isabel Avenue; Traffic calmed neighborhood routes are recommended on Vanguard Way/Santa Isabel Avenue, from Vanguard Place to Irvine Avenue

**Project 12** Mesa Verde provides an alternate route to Adams Avenue on Mesa Verde Drive, Harla Avenue and Peterson Place. Buffered bike lanes (standard 5' bike lanes, with excess asphalt used as a buffer to adjacent vehicle travel lanes) are recommended on Mesa Verde Avenue and Peterson Place, where excess paved area exists. The remainder of Peterson Place, from Adams Avenue south to the bend in the road, is recommended as a traffic calmed neighborhood route. Harla Ave, a dead-end street, is recommended as a bike route (a shared street, marked by signage only).