1116-VF-631   **C. Ray Rosentrater*** (`rosentr@westmont.edu`), Westmont College, Dept. of Mathematics, 955 La Paz Rd., Santa Barbara, CA 93108. *Bicycle Routes and Euler Double-paths.*

What configurations of roads are amenable to creating a bicycle route that traverses each segment exactly once in each direction? As stated, every configuration of roads can be so traversed. However, the question becomes much more interesting when U-turns are not allowed. This talk identifies the conditions under which a connected graph has a non-reversing, Euler double-path. (Received September 09, 2015)