Hall Planning & Engineering, Inc.

# MCKINNEY ON-STREET BICYCLE MASTER PLAN
# MCKINNEY, TX

**HPE RESPONSIBILITY:**

Provided engineering support for thoroughfare design, cost estimation, and bicycle facility networks for McKinney, TX, On-Street Bicycle Master Plan. Provided public participation support to Renaissance Planning Group.

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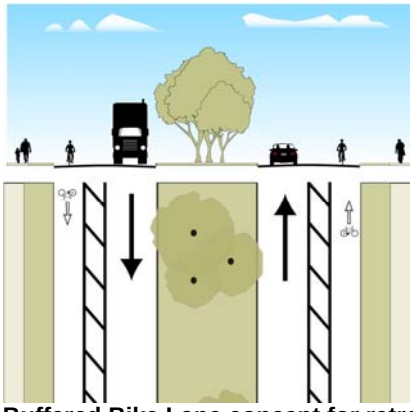


**Buffered Bike Lane concept for retrofit on underused arterial streets**

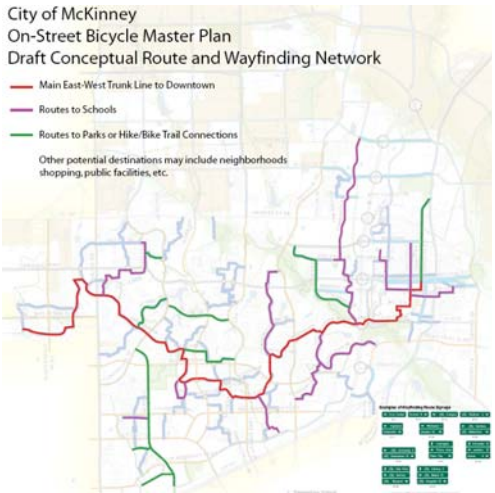

**HPE prepared a network of bicycle boulevard streets to connect suburban McKinney with downtown**

Hall Planning & Engineering, Inc., as a subconsultant to Renaissance Planning Group, Inc., provided engineering support, public participation, and bicycle planning and design expertise for the On Street Bicycle Master Plan.

HPE conducted on-site surveys by bicycle and automobile to experience actual bicycling conditions, met with bicycle advocates, City staff, and law enforcement, and documented existing network conditions. HPE also helped devise and conduct public workshops to collect residents' ideas and views on the bicycle network. Using this information, HPE assisted the creation of an on-street bicycle network.

HPE also prepared cost estimates and priority year budgets ("Needs" and "Cost Feasible" plans) for implementation of the bicycle master plan.

Key issues encountered included facilitation of cyclists on one-way pair streets, connection through and between major arterial streets, and connectivity between suburban destinations. HPE prepared a network of on-street "bicycle boulevard" facilities, including recommendation signs and markings per the Manual of Uniform Traffic Control Devices (MUTCD).




**Proposed system of bicycle routes providing cross-down connectivity**

Products included network diagrams and graphics, crash statistics analysis, recommended revised thoroughfare sections, and cost estimates for plan implementation.