



# PLANSOURCE

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## **CITY OF PLANO CITYWIDE BICYCLE IMPROVEMENT PROJECT**

Bowman-Melton Associates (BMA) led the evaluation of the existing City of Plano Bicycle Transportation Plan, last updated in 2001, to help guide the engineering and development of construction documents for the implementation of the NCTCOG CMAQ-funded citywide on-street bicycle system signage, pavement markings, and improved on-street intersection and selected trail crossings.

The evaluation phase included a review of the current system plan with detailed site reviews of current conditions, followed by an existing Bicycle Level of Service system wide analysis to determine the feasibility of signing the previously planned routes.

Some routes were eliminated and alternate routes were proposed and mapped in ArcView. These analysis maps, together with conceptual ideas for on-street signing implementation were presented to a group of city-identified commuter and recreational cyclists for input.

The cyclists were highly supportive of signing the citywide system with numbered crosstown bike routes with wayfinding signage showing destination directions and distances; the currently (FHWA experimental use status) shared lane markings (sharrows) and regulatory 'Bikes May Use Full Lane' signage.



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- 2 -

At some arterial crossings of off-set intersections, sidepaths were added to enhance crossing safety. In addition, trail crossings treatments of two arterials were identified.

With stakeholder input, the plan was fully developed and construction document sheets showing Pavement Markings for Typical Sections were prepared showing sample routes.

These are currently being reviewed by TxDOT for a request to FHWA for experimental use, prior to the preparation of citywide construction documents.