

## McTrans is 25!

### Over the years ...

Begun in 1986 by a Federal Highway Administration (FHWA) grant, the *McTrans* Center has been a self-supporting service organization within the Department of Civil and Coastal Engineering at the University of Florida for most of that time, since 1988. This is a quite unique success story of a center that has continued to provide software distribution, development and support service without any funding from any source, except for user fees. Not only has *McTrans* distributed a wide variety of software products to the transportation engineering and planning profession, it has provided a mechanism for ongoing support of federally and commercially developed packages as well. Additionally, *McTrans* is the owner and developer of three of the most-widely used programs in our profession: the Highway Capacity Software<sup>TM</sup> (HCS<sup>TM</sup>), TRANSYT-7F<sup>TM</sup> and TSIS-CORSIM<sup>TM</sup>.

Some historical facts:

- Users: 2300 initially to over 25000 now
- Products: 23 initially to over 300 now
- Budget: \$150K initially to over \$1M now

We wish to express our sincere gratitude for the continued support we have received from you our users, without whom we would not be here. —Thank you.

### Milestones ...

1986—*McTrans* Center was created by FHWA grant.  
1987—Highway Capacity Software (HCS) from FHWA  
1988—Became totally self-supporting after grant ended  
1989—Selected to distribute HDM for the World Bank  
1990—First HCS training course presented in Orlando  
1991—McLink Electronic Bulletin Board System (BBS)  
1992—Provided user toll-free access with 800-226-1013  
1993—Began offering Agency Licenses at 40% discount  
1994—Web site went online at [mctrans.ce.ufl.edu](http://mctrans.ce.ufl.edu)  
1995—HCS Release 2 implementing 1994 HCM Update  
1996—Complete conversion of HCS to Windows began  
1997—Traffic Software Integrated System (TSIS) out  
1998—HCS Release 3 (1997 HCM Update) in Windows  
1999—Windows interface for TRANSYT-7F (McT7F)  
2000—Turbo Architecture and IDAS from FHWA  
2001—HCS2000 released implementing HCM2000  
2002—QuickZone from FHWA began distribution  
2003—Online Catalog introduced for electronic orders  
2004—DYNASMART-P from FHWA distributed  
2005—HCS+ released with CORSIM animation link  
2006—Subscription model replaced HCS upgrade fees  
2007—TSIS development and maintenance at *McTrans*  
2008—HCS+T7F released integrating TRANSYT-7F  
2009—HCS object-oriented C# architecture designed  
2010—CMS collaboration (CORSIM two-lane passing)  
2011—HCS 2010<sup>TM</sup> released implementing HCM 2010

## HCS 2010 Update

HCS 2010 was sent automatically to current HCS+ subscribers in May following the HCM 2010 publication. This initial release included updated modules to implement the new procedures for Signalized Intersections, Roundabouts, Basic Freeway Segments, Freeway Weaving Segments, Freeway Merge & Diverge Segments, Two-Lane Highways and Multilane Highways.

Updates planned for this year include a new Streets program that combines the Signalized Intersections, Urban Streets Segments, Urban Streets Facilities and Interchange Ramp Terminals procedures. Updated modules for Two-Way Stop Control (to add six-lane major streets), All-Way Stop Control (to add three-lane approaches) and Freeway Facilities (to implement oversaturated conditions) are also in the works. These and future updates are automatically provided free of charge to current subscribers.

### CORSIM Workshop

August 11, 2011—Orlando, FL

[mctrans.ce.ufl.edu/training/](http://mctrans.ce.ufl.edu/training/)

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## Update Watch

Package	Version	Status	Target	Distribution
<i>HCS 2010</i>	6.2	In Testing	Fall	Sent to Registered Users
TRANSYT-7F	11.32	Complete	Available	Included with <i>HCS 2010</i>
<i>TSIS+T7F</i>	6.2 (Build 512)	Complete	Available	<i>TSIS+T7F</i> Patch Download
IDAS	2.3	Complete	Available	Sent to Registered Users
QuickZone	2.0	Complete	Available	Sent to Registered Users
TNM	2.5	Complete	Available	Sent to Registered Users

## Calendar

### Training

<b>Highway Capacity Analysis</b>	September 28-29, 2011	Chicago, IL
<b>2010 HCM Workshop</b>	October 12, 2011	Cincinnati, OH

### Conferences

<b>ITE Annual Meeting</b>	August 13-16, 2011	St. Louis, MO
<b>TRB Annual Meeting</b>	January 22-26, 2012	Washington, DC

<b>Online Catalog</b>	<a href="http://mctrans.ce.ufl.edu/catalog/">http://mctrans.ce.ufl.edu/catalog/</a>	(Searching and ordering software)
<b>Order Form</b>	<a href="http://mctrans.ce.ufl.edu/orderform/">http://mctrans.ce.ufl.edu/orderform/</a>	(For purchase orders and checks)
<b>Training</b>	<a href="http://mctrans.ce.ufl.edu/training/">http://mctrans.ce.ufl.edu/training/</a>	( <i>HCS+</i> , TRANSYT-7F & CORSIM)