

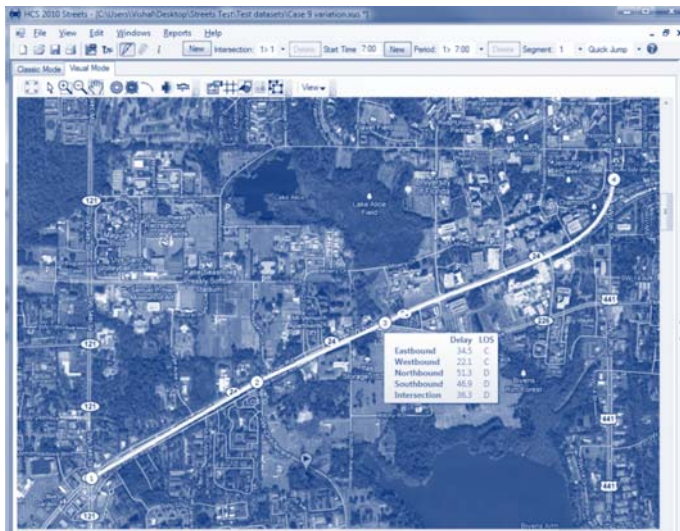
HCS 2010TM

Streets

The latest addition to *HCS 2010* is *Streets*—the implementation of the HCM 2010 Urban Streets Segments and Facilities procedures.



This new module expands on Signals to provide for multiple intersections, including a new graphical interface option (Visual Mode) and two optimization choices: Quick Optimization (one-touch export to TRANSYT-7F), and Full Optimization (HCM-based internal genetic algorithm).



A new automated time-space diagram shows progression quality at a glance.



The HCM 2010 methodology now includes provisions for modeling the effects of access points between signals on travel speed and platoon integrity.



Streets also generates proportion time blocked from the flow profile process, which can now be used to model the effects of upstream signals in TWSC (also updated for six-lane major street analyses in this release of *HCS 2010*).

The *Streets* module also includes the ability to model multi-modal operations, including computing pedestrian, bicycle and transit levels of service for each segment and the facility.

MultiModal Results (Segment)	EB		WB		NB		SB	
	L	T	L	T	L	T	L	T
Pedestrian Segment LOS Score / LOS	2.8	C	2.8	C	3.0	C	3.0	C
Bicycle Segment LOS Score / LOS	2.6	B	2.6	B	2.5	B	2.5	B
Transit Segment LOS Score / LOS	3.0	B	3.2	B	3.4	B	3.3	B
MultiModal Results (Facility)								
MultiModal Results (Facility)	EB		WB		NB		SB	
	L	T	L	T	L	T	L	T
Pedestrian Facility LOS Score / LOS	3.2	B	2.6	B	2.2	B	2.1	B
Bicycle Facility LOS Score / LOS	3.3	C	2.5	B	2.4	B	2.7	B
Transit Facility LOS Score / LOS	2.9	C	2.3	B	2.7	B	2.3	B

TSIS-CORSIMTM Update

TSIS 6.3 will feature high-occupancy toll (HOT) lanes, advanced toll plazas, adaptive cruise control, and various minor improvements. TSIS 6.3 is nearing release and beta testing has begun. Currently-registered users that would like to join the beta team are encouraged to contact McTrans. Once finalized, the final release version will be automatically sent to all current users.

By the way, TSIS-CORSIM can model DDI (diverging diamond interchanges) designs.



HCM 2010 Training Online

On demand. Register online.

mctrans.ce.ufl.edu/training/

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Update Watch

Package	Version	Status	Target	Distribution
<i>HCS 2010</i>	6.3	In Testing	February	<i>HCS 2010</i> Patch Download
TRANSYT-7F	11.32	Complete	Available	Included with <i>HCS 2010</i>
<i>TSIS+T7F</i>	6.3	In Testing	Spring	Sent to Registered Users
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

2010 HCM Workshop Online	On Demand	(30-Day Access)
2010 HCM Training Course	On Demand	(60-Day Access)
Intersection Capacity Analysis	April 13, 2012	Orlando, FL

Conferences

TRB Annual Meeting	January 22-26, 2012	Washington, DC
ITE Annual Meeting	August 12-15, 2012	Atlanta, GA

Online Catalog	http://mctrans.ce.ufl.edu/catalog/	(Searching and ordering software)
Order Form	http://mctrans.ce.ufl.edu/orderform/	(For purchase orders and checks)
Training	http://mctrans.ce.ufl.edu/training/	(<i>HCS 2010</i> , T7F and CORSIM)