

MCT7F

**Windows
McT7F
Now
Available!**

see page five

Happy New Year!



McByte

Ordering Online Available Soon	2
Announcements	3
Did you know?	4
New Products	5
Updated Products	6
Advertising Directory	8
Products Listing	19
Calendar of Events	32

The *McTrans* web site is being upgraded to add a new efficient look and feel. Navigation among the many areas has been improved with a new menu bar to make getting around more intuitive and efficient. A new feature has been added to expand the information we can pass on to our users. The main page now has "Traffic Industry News" that links to current articles from ITE, ITS America and FHWA. These links will be updated very frequently so these will always be fresh and interesting.

Ordering Online Available Soon...

Keep *McTrans* on your Favorites list, in a few weeks you will be able to order online!

Browse the catalog for the products you want, complete the order form online, and click on submit. It's that easy. You will receive a confirmation of receipt and the order will be received and processed that day. No more phone calls, faxes or forms to print and mail. Check our new web site today and let us know what you think about our new look and expanded service at: mctrans.ce.ufl.edu

McTrans Order Form

McTrans Center (352) 392-0378
 University of Florida Messages 1-800-226-1013
 512 Weil Hall McFAX (352) 392-3224
 PO Box 116585
 Gainesville, FL 32611-6585 E-mail: mctrans@ce.ufl.edu
 FEID # 59-6002052 <http://mctrans.ce.ufl.edu>

Please enter your credit card information below:

VISA/MC No.:
 Expires: If you wish us to ship by FedEx (only include your FedEx No.)
 Name as it appears on card:

SHIP TO:	CREDIT CARD BILLING ADDRESS:
MEMBER NUMBER: <input type="text"/>	ADDRESS: <input type="text"/>
NAME: <input type="text"/>	CITY, STATE, ZIP: <input type="text"/>
TITLE: <input type="text"/>	
ORGANIZATION: <input type="text"/>	
DEPARTMENT: <input type="text"/>	
ADDRESS: <input type="text"/>	
CITY, STATE, ZIP: <input type="text"/>	
PHONE: <input type="text"/>	
FAX: <input type="text"/>	

Done Internet

Transpo2000 – The Future Is Now

Transpo2000 will be the largest celebration of Florida's transportation past, present, and future. *Transpo2000* will be a technical conference covering all aspects of transportation with presentations by transportation leaders from public and private sectors. The conference will also feature an extensive exhibition displaying Florida's transportation technologies, companies and organizations that will lead us into the future. We invite others from throughout the region and nation to join us and share our vision and show us your products.

April 17-19, 2000 Hyatt Orlando, Kissimmee, Florida

Plenary Sessions

To set the stage for the conference, the opening session will be given in three parts:

- A historical perspective of transportation in Florida;
- A vision statement by an economist/demographic expert, to set the stage for the transportation needs that we must address in the 21st century;
- A response to the challenge from a noted transportation expert.

Governor Jeb Bush* will give the keynote presentation at the banquet and Senator Bob Graham* will share his views on the challenges of transportation and the environment for the closing keynote session.

*Invited

Technical Program

- Track 1: Systems Management & Operations
- Track 2: The Transportation Infrastructure
- Track 3: Innovative Transportation
- Track 4: Innovative Financing of Transportation

Exhibition

Exhibits will be open April 17-19 and will include:

- Transportation Equipment Manufacturers,
- Vendors and Resellers,
- Suppliers,
- Systems Integrators,
- Consultants,
- Planners, and
- Association & Interest Groups.

**Don't miss this important event!
Register to attend or exhibit now!**

For Information

Contact: Complete Meeting Concepts (407) 425-8184

Visit us online at: <http://www.cmcmtg.com/transpo>

Presented by the Florida Department of Transportation; Florida Division, Federal Highway Administration; Florida Section, Institute of Transportation Engineers; Florida Transportation Builders Association; Intelligent Transportation Society of Florida; and University of Florida Transportation Research Center

Orlando, Florida

McTrans

PLANNING seminars

Site Impact

February 23-25, 2000

Developing Study Boundaries
Identifying Land Uses
Trip Generation
Trip Generation Workshop
Trip Distribution
Trip Distribution Workshop
Trip Assignment
Trip Assignment Workshop
Comprehensive Site Problem
Site Access Analysis

Access Management

February 28-March 1, 2000

Introduction to Access
Management
Access Management Policies
Access Management
Techniques
Access Design Principles
Retrofit Programs
Access and Median Design
Major Activity Centers
Evaluation of Improvements
Comprehensive Workshop

Travel Demand

March 2, 2000

Registration and Introductions
Introduction to TDM Modeling
TDM Policies
TDM Techniques
TDM Principles
Evaluation of Alternative
TDM Model
Comprehensive Workshop

Participants will be instructed on the latest principles, techniques, implications and design guidelines. Included in the materials will be examples for estimating the potential benefits from the different management programs. Impacts on the business community will also be discussed.

The course is designed for transportation planners and traffic engineers concerned about the effects of these strategies on the capacity and safety of the roadway. Previous experience in highway design and planning is useful but not required for attending the course. The sessions will be kept as informal as possible to encourage active discussion.

Early registrations must be received by Jan 31, 2000 for discount.

For more information contact:

McTrans Center
University of Florida
512 Weil Hall
PO Box 116585
Gainesville, FL 32611-6585
(352) 392-0378 ext. 223
Fax: (352) 392-3224

Co-sponsored by the Florida Technology Transfer (T²) Center

PLAN TO ATTEND

Did you know?

TSIS/CORSIM:

There are a few things you can try in order to better control vehicle paths or lane utilization in Netsim.

1. **Channelization codes.** Corsim can be tricked into producing the correct lane utilization by using special channelization codes. In order for this to work, it is necessary to select a channelization code for a turn movement (usually diagonal) that does not exist. Just apply the diagonal channelization code to a particular lane (RT 11), assign a percentage of turns to that diagonal movement (RT 21), and then specify the correct left-turn, through, or right-turn receiving node for that diagonal movement (RT 11).
2. **Dummy node with turn movements that feed the through node.** This is a trick that encourages a certain percentage of vehicles to move into the outer most lanes.
3. **Record type 22 – conditional turning movements.** This record type prevents vehicles from making consecutive unrealistic turn movements. However, this sometimes doesn't help when you have three or more closely spaced nodes because only the very next downstream link is considered.
4. **Record type 153 – driver familiarity with path distribution.** By default 90% of drivers know their goal lane, so some users change this to 100% so that drivers will make better decisions in advance.
5. **Record types 95 & 96 – interchanges.** Origin destination data may be specified between nodes containing paths with 10 links or fewer.
6. **Path-based vehicle input.** Corsim has the ability to use path based vehicle movement instead of using turning percentages, but the capability is not yet documented or supported. It will require much more data entry than normal because each vehicle has to be individually specified with a vehicle ID, time of entry, entry node, path number, vehicle type and driver type, and each path has to be specified by the sequence of nodes in the path.
 - Car following sensitivity factor, minimum emission headway, warning sign distances, acceleration or deceleration lane lengths, heavy vehicle percentages and exit fractions are all inputs that can potentially affect freeway capacity in Fresim.
 - Corsim networks contain no vehicles at the beginning of a run. As the first seconds are simulated, vehicles are emitted onto the network from entry and source nodes. The time required to fill the network with traffic is referred to as the initialization period. Since the initialization period does not accurately represent the conditions to be modeled, no statistics are gathered during this period. A check is made at the end of every time interval for equilibrium, i.e. the end of initialization. Equilibrium is assumed when the number of vehicles in the network is within 8% of the number of vehicles in the network during the previous time interval, and within 12% of the number of vehicles in the network during the second previous time interval. In the Corsim output file, this information is reported in the section called "Initialization Statistics".

HCS-3:

- The measure of effectiveness used to determine Level of Service in Signal analyses has been changed. The 1994 HCM used stopped delay per vehicle, but the 1997 HCM now uses control delay per vehicle. Control delay included the initial deceleration delay, queue move-up time, stopped delay and final acceleration delay, which represents approximately a 30% higher value than stopped delay. The Level of Service thresholds have been adjusted in HCM Table 9-1 to reflect this change.
- For the Duration field (applicable in Signals, Unsignal, and Arterials modules), users should code in the duration of the time period to be analyzed, typically 0.25 for a 15-minute analysis. For over-saturated conditions, the user may want to analyze the entire hour (Duration equal to 1.0), then peak-hour factor should be equal to 1.0 so that the input hourly volumes won't be inappropriately inflated.
- In the planning module of Signals, phase times are estimated in accordance with the HCM planning analysis methodology. It attempts to allocate green time among competing movements such that the degree of saturation is equalized for the critical movements in each phase. These phase times can then be exported for subsequent operational analysis by using the Edit > To Operation menu item.
- When using the Arterials module, keep in mind that the 1997 HCM has changed significantly in regards to the "Arterial Class". A new class has been added and the old ones have been shifted, so a class 2 from the 1994 HCM is now a class 3. This can potentially have a significant impact on results.

TRANSYT-7F:

- TRANSYT-7F is capable of supplying a reasonable and effective initial timing plan prior to optimization. If the user requests for initial timing to be generated by the program, it is only necessary for them to supply the fixed yellow and all red intervals, and then the program supplies the green intervals. The technique that is applied to generate the initial green intervals at a pre-timed signal is similar to the HCM planning analysis methodology mentioned in this article under HCS-3. If any phases are flagged as actuated, then preference is shifted to the non-actuated phase(s) in the allocation of green within the initial timing model. However, if the user has an alternative timing plan that is reasonable and effective, they are encouraged to try it out also because the initial splits and offsets that are specified can have a significant impact on the hill climb optimization search process.
- Closely spaced intersections should sometimes be modeled as grouped nodes. The most common application of grouped nodes are 1) diamond interchanges, for example timed with PASSER III, 2) two closely spaced intersections, particularly if they are controlled by a single controller, or 3) several intersections timed by another method that you wish to keep TRANSYT-7F from changing. The user must provide the timing (at least the offsets) of grouped nodes and TRANSYT-7F treats them as follows: 1) their differences of offset are held fixed, although the group's offset can be optimized within the system, 2) their splits may be optimized together, or optionally held fixed.
- Spillover and spillback only occur on internal links, or external links that are sufficiently long. The concept is that if an external link is coded with a short link length, then spillback on that link is not supposed to affect the optimization objective function.

WINDOWS MCT7F NOW AVAILABLE!

McT7F is the exciting new Win95/98/NT interface for the TRANSYT-7F simulation model. This new integrator provides all the expected functionality of a Windows program including pop-up menus, speed buttons, on-line help, unique icons and file types, and smooth integration with the Windows explorer.

On one screen, **McT7F** offers the user complete access to the TRANSYT-7F input and output files, allowing the engineer to review the outputs of the last evaluation while making changes to the input data file. Further, the new interface also presents the contents of the current record as individual fields with the appropriate record type descriptions.

To speed creation of new input files, **McT7F** can create an initial template file containing the basic system, node and link records for a user-specified number of intersections. Once created the engineer can customize default values depending on local traffic and signal conditions.

McT7F provides context-sensitive help screens. At any time, the user may activate the help system to receive a complete description of the current input record. All the TRANSYT-7F input records are fully documented in the help system.

The output window of **McT7F** provides a unique method for navigating through the output file. Depending on the model output options selected, **McT7F** will automatically jump to the desired section in the output file.

Multiple copies of **McT7F** may be viewed at one time, allowing the engineer to copy and paste data from one input file to another.

In all, the new interface is a welcome upgrade, and will certainly increase productivity of signal timing design engineer.



SimTraffic 4

SimTraffic performs microscopic simulation and animation on signalized intersections and freeway systems. Version 4 can model complex interchanges using a single controller with non-standard phasing. Version 4 also includes improved modeling of lane changes and short links. The "Quick-Change" feature allows timing plan changes to be displayed quickly. Operates with Microsoft Windows 95, 98 or NT. SimTraffic (#SIMTRAF) version 4 by Trafficware is available at LOS 7 for \$899. It is available with Synchro for \$2899. (See updates of Synchro on Page 7; and advertisement on Page 17.)

WINhydro©

You can transfer storm sewer profiles and hydraulic gradients to AutoCAD™ and MicroStation™ using DXF (and with MicroStation©, DAF files) files created inside WINhydro©. Let WINhydro© take all the work out of storm drainage computation and profile generation for site, roadway and subdivision design.

First developed and marketed in 1982 by civil engineers engaged in actual storm drainage design as HYDROpac© (a DOS program) the core modules have been continuously upgraded. This was the first commercially available program that performed simultaneous staging of dual compartment or dual basin (sediment/first flush and detention) configurations. This latest release is called WINhydro©. It has an all new graphic interface and has been rewritten to run on the latest Microsoft™ operating systems. Users of the program and its predecessor include employees of the Soil Conservation Commission, environmental protection agencies, city agencies and private engineering firms.

All computational routines needed for runoff calculations, inlet design, storm drainage design, sediment basin design, detention basin design and staging plus grade and vertical curve calculations are at your fingertips when you use WINhydro©.

Profile data generated during hydraulic gradient calculation may be used to generate DXF files or written directly into Microstation™ or AutoCAD™. These files may be generated at user given vertical and horizontal scales with notational text. The profile text includes station and elevation, manholes, inlets, pipe capacity, actual flow, velocity, length, slope and hydraulic gradient elevations.

WINhydro© includes

- Use of tr-55 output as input
- Generation of hydrographs using the tr-55 tabular or graphical method
- Rational method
- Rossmiller rational method
- Kerby, engman or upland method for computation of tc
- Computes rill & shallow channel flow velocities
- Pipe size/slope computations
- Natural channel flow
- Trapezoidal channel flow
- Channel hydraulic profiles (hec-2 accuracy)
- Channel flow/depth relationships
- Storm sewer hydraulic gradients
- Storage using modified rational method
- Soil loss calculations
- Sediment basin sizing
- Detention basin staging allows up to 9 outlet structures discharging simultaneously
- Dual compartment staging
- Lane flooding
- Inlet sizing
- Weir, orifice & pipe flow calculations
- Generates outflow hydrographs that may be used as inflow hydrographs for downstream analysis
- Allows offset/consolidation of hydrographs
- Compute discharge volumes for periods within a hydrograph
- Automatic multiple storm event computation
- Tangent & vertical curve grade calculations
- Easy to use prompting menus

Runs under Windows 95™, Windows 98™ or Windows NT™.

WINhydro© (#WINHYDR) by Don Grisham, is available at LOS 6 for \$375.

Updated Products



HCM/Cinema and SIG/Cinema for Windows

KLD Associates and Polytechnic University are pleased to announce the release of HCM/Cinema© 4.1, and SIG/Cinema© 2.1 for Windows. Existing users of HCM/Cinema 4.0 and SIG/Cinema 2.0 will receive this new upgrade free of charge. Upgrade information for other users is available below.

Both programs provide estimates of capacity and Level of Service for isolated signalized intersections using the latest procedures in Chapter 9 of the Highway Capacity Manual (1997 edition). In addition, SIG/Cinema optimizes signal cycle length, phasing and timing of all phases to satisfy a user-specified objective function.

This release features a new extensive interactive HTML User Guide. This User Guide is: accessible at any time; contains over 100 illustrations; includes step by step instructions; and an easy to use alphabetical index by topic. The new software provides direct access to KLD's Web Site that includes a newly expanded list of answers to Frequently Asked Questions. The software also provides direct access to our Technical Support staff via the Web and allows you to automatically transfer your case file(s) to KLD for review. Many other new features are included in this release relative to HCM/Cinema 3.0 and SIG/Cinema 1.0 including:

- 1997 HCM methodology to compute intersection capacity, delay, and Level of Service.
- Full compatibility with MS Windows© 95/98/NT Operating Systems with completely re-coded software in high-level C/C++. This enables the software to incorporate Windows© features such as:
- Using Windows© drivers to communicate with your printer. This eliminates the need for the separate printer setup software (INSRTER) which was required with earlier versions and makes printing simpler and more reliable.
- Using the right mouse button to copy and paste data from one Cinema data field to another.

- Eliminating DOS restrictions on file name length.
- Ability to run on computer networks with special network version.
- Numerous improvements to animation display include:
- Easier controls allowing you to change settings while animation is running.
- Greater realism and increased vehicle detail available as you zoom in.
- New slider bar control to quickly scan animation display over entire animation period at your own pace.
- Animation can run either forward or backward in time.
- Analyzing operations for periods other than 15 minutes and viewing animation results for analysis periods of several hours.
- Other features for even greater user friendliness and flexibility let you:
- Select a phasing plan in as little as 2 mouse clicks using a new graphical display.
- Preview a copy of any report on-screen before printing.
- Enter your own value for adjusted saturation flow rate.
- Enter changes to adjusted saturation flow rate or flow rate adjustment factors only once for a case.
- Completely Y2K compliant.

Both software products are designed for the MS Windows 95/98/NT Operating Systems. They retain the popular split screen integrated text-and-graphics Graphical User Interface (GUI) which has been so well received by over 2000 users of Cinema software. In addition, both products include an enhanced micro-simulation of traffic flow at the intersection providing additional traffic measures beyond those in the HCM, and colorful animation displays of vehicle movements. As before, all these features are integrated, and require no file manipulation by the user.

New customers can purchase either HCM/Cinema 4.1 or SIG/Cinema 2.1 from McTrans at a cost of \$635 and \$805 respectively. (See advertisement on Page 16.)

ITRAF 3.0

ITRAF 3.0 is an automatic update to registered users of ITRAF 2.7. While continuing to support the input data requirements for Fresin freeway networks, this version of ITRAF handles two new types of files for the Netsim model: template files and script files. Script files can be created manually or optionally from GIS software, thus simplifying the task of producing the Netsim files. The template files are 6 files representing 3 four-legged intersections (one with an actuated controller, one with a pretimed controller, and one with signs), and 3 T-intersections with the same type of controllers. The user can add as many of these predefined intersections as he/she wants to any Netsim network. Script files are comma delimited text files that contain a list of x and y coordinates, the name of the template file (intersection files) to be placed at those points, and the orientation of that intersection. ITRAF can process the script and create a trf file with intersections located at the provided (X, Y) locations.

SYNCHRO 4

Synchro performs signal timing optimization for networks and individual intersections based on minimizing delays and stops. Interactive Time-Space diagrams allow viewing and editing of traffic flow. Version 4 models interchanges and complex phasing. Generates input files for SimTraffic, CORSIM, HCS 3, and TRANSYT 7F. Operates with Microsoft Windows 95, 98 or NT. Synchro (#SYNCHRO) version 4 by Trafficware is available at LOS 7 for \$2099. It is available with SimTraffic for \$2899.

SYNCHRO LIGHT

Synchro performs signalized capacity analysis based on the 1997 HCM. Performs optimization for networks and individual intersections based on minimizing delays and stops. Interactive Time-Space diagrams allow viewing and editing of traffic flow. Version 4 models 5 and 6 leg intersections, non-standard phasing, and right turn on red. Operates with Microsoft Windows 95, 98 or NT. Synchro Light (#SYNCLT) version 4 by Trafficware is available at LOS 7 for \$899.

TSIS 4.32

FHWA has released TSIS 4.32 for distribution. The latest release of TSIS (the Traffic Software Integrated System) includes changes to CORSIM and TRAFVU that make it much more realistic. Logic enhancements include lane-changing, car-following under congested conditions on short links, vehicle behavior at yield signs, spillback, and MOE calculation. In addition, the ability of CORSIM to model larger networks has been expanded. HOV lanes and ramp metering are available as "preview" features. Improvements have been made in TRAFVU to display smoother, more realistic vehicle turning trajectories at intersections, thus removing the "lane jumping" that previous versions displayed. Starting with version 4.32, TSIS will be distributed on CD-ROM.

All registered users will be automatically upgraded.

TRAFFIX 7.1

Dowling Associates, Inc., announces the 1997 Highway Capacity Manual (HCM) add-in module for TRAFFIX 7.1. This new module permits TRAFFIX 7.1 users to analyze signalized, unsignalized and all-way stop intersections using the 1997 HCM methodology. The module also provides 1997 HCM analysis of traffic models created in previous versions of TRAFFIX.

Some of the new features in the 1997 HCM module include:

The ability to define and account for upstream signalized intersections and their associated platooning when analyzing unsignalized intersections, and

A two-stage gap acceptance methodology to account for median refuges.

Since its release in September of 1997, TRAFFIX for Windows has offered users an unparalleled tool for the analysis and documentation of large multiple-intersection traffic systems using the HCM or other user selected procedures . . . all from a single file.

The ease of use also makes TRAFFIX an effective tool for analyzing small traffic systems or a single intersection. TRAFFIX automatically balances delays for all intersection approaches at signalized intersections.

TRAFFIX has an interactive LOS mitigation screen that allows users to explore the impacts of various traffic control strategies and lane configurations or compare various LOS methodologies. The TRAFFIX scenario editor and report output options allow a wide range of project scenarios to be evaluated and documented concurrently.

TRAFFIX allows intersection turning movement counts to be imported from a number of regional travel demand models including EMM2, TRANPLAN, MINUTP and TMODEL. TRAFFIX can also readily import or export ASCII turning movement count files for external editing.

The 1997 HCM module is now being included in all new versions of TRAFFIX. THE 1997 HCM module is available to existing registered users of TRAFFIX for Windows. Current TRAFFIX for Windows users wishing to purchase this module will need to have the latest version of TRAFFIX installed. TRAFFIX for DOS users can upgrade to TRAFFIX 7.1 and the 1997 HCM module for Windows.

TRAFFIX (#TRAFFIX), Version 7.1 by Dowling Associates Inc. is available at LOS 7 for \$2090. The 1997 HCM Module is available separately for \$250 for existing TRAFFIX for Windows users.

The following product has been deleted:

VisualTraffic by VisualTraffic

Update Watch



Package	Version	Status	Target	Distribution
HCS-3	3.1c	Complete	Available	Automatic to registered users
TRANSYT-7F	8.1	Complete	Available	Registered users may upgrade
TRANSYT-7F	W95	Complete	Available	Automatic to registered users
TSIS	4.3	Complete	Available	Automatic to registered users
TSIS	5.0	Under development	Summer	Registered users may upgrade

1 Full Technical and Maintenance Support

McTrans provides full technical support of the application and provides software maintenance, for which the cost of maintenance is user-supported. Our support at LOS 1 assures users of the following: Immediate notification of any serious bug discovered in a supported, maintained program; Free replacements of program modules (and documentation) which are updated to correct bugs; Periodic User Notes for useful information; Discounted upgrades when major new releases are issued. This software is maintained by **McTrans** or the developer, thus the mechanism for correcting bugs and implementing other enhancements is in place and responsive to immediate needs.

2 Technical and Update Support

This is software for which **McTrans** provides technical support and free updates (but not major upgrades).

3 Limited Technical Support

This is usually public domain software for which **McTrans** serves as the distributor. **McTrans** provides limited "first line" technical assistance in its use.

4 Freeware/Shareware/User Supported

This is generally copyrighted software offered by **McTrans** to the membership. It is referred to as "freeware," "shareware" or "user-supported" by various developers. **McTrans** offers no support for software in this category, but support usually can be obtained from the developer for a registration fee. Registration of shareware with the developer usually is required if the program is placed into actual use.

5 Unsupported

This is useful public-domain software that **McTrans** makes available at a nominal fee. However, no one, **McTrans** or the developer, provides any support. You're on your own.

6 Proprietary Software, McTrans Distributed

This is privately developed software distributed by **McTrans**, for which a royalty is paid to the developer. The developer provides the technical support.

7 Proprietary Software, Developer Distributed

This is privately developed software for which a royalty is paid to the developer. Software at this level is distributed by the developer and all support is provided by the developer.

new! New Products

update Updated Products

Since Fall 1999

Guide to Software Codes

ACAD	AutoCAD
dBn	dBASE n
EXC	Microsoft EXCEL
IB	Interpreted BASIC
L123	Lotus 1-2-3
MSTAT	MicroStation
QProV8	Quattro Pro Vers. 8
(S1)	Source code included
WIN	Windows 3.x
W95	Windows95 & NT
PP	Microsoft PowerPoint

Product Description

Highway Engineering Construction Management

Daily Report System
 Easy Project, Ver. 3.6
 Estimax, Ver.1.0
 GANTT, Ver. 1.3
 North Dakota Materials Management System, Ver. 1.0
 North Dakota Roadway Management System, Ver. 1.0
 PC Project, Ver. 1.1
 WINSched, Ver. 1.04c

Highway Engineering Highway Design

BAP
 BERM, Ver. 1.0
 BRCOM
 BRICK Package
 Individual modules are available. Refer to Catalog or call for details.

BRIDGE RM/LL, Ver. 1.0
 CBEAR
 COM624P, Ver. 2.0
 Datasets for Standardized Small Sign Support Hardware
 DILLY, Ver. 1.1
 DRIVEN
 ECSD11
 EMBANK, Ver. 2.0
 FLRDS, Ver. 4.04
 ICAHD, Ver. 3.0
 KwikSOFT Bridge Design Utilities-Series 1
 PC-BRIDGE, Ver. 2.60
 PC-STRAN, Ver. 5.02
 PIZER EARTH Earthwork Cut & Fill Calculator Ver. 5.0
 PL-AID, Ver. 1.1
 PPLAN-6R
 Reinforced Slope Stability
 SET-SAND, Ver. 1.0
 SHAFT, Ver. 1.0
 SHAFTUF, Ver. 1.0
 Single Point Urban Interchange
 SPILE, Ver. 2.0
 SSD
 Traffic Barrier Hardware Datasets
 WEAP87

Highway Engineering Hydraulics

ASHDRAIN, Ver. 2.0
 BASINOPT
 BASINOPT SIMULATION ADD-IN
 BOSS RiverCAD™
 BOXCAR, Ver. 1.0
 Supplemental Documentation
 BRI-STARS, Ver.3.3
 CAHH DOS PROGRAMS
 CANDE89, Ver. 1.0
 Source Code, Ver. 1.0
 CANDE-POST, Ver. 1.1
 CANPRO, Ver. 1.2
 CHANNEL
 CODEH2, Ver. 3.59
 Demo, Ver. 3.59
 Culvert Analysis (HY-8), Ver. 6.1
 Upgrade to Ver. 6.0
 CULVERT2, Ver.1.0
 CULVERT3, Ver.1.0 (Metric)
 CULVERT4
 CulvertMaster
 CYBERNET
 DBRM (Drainage Basin Runoff)
 Metric Ver.

Release Date	Software Product No.	Price	Documentation Product No.	Supporting Software	LOS
1/92	DRS	\$5	(On Disk)		5
1/90	EZPROJ	5	(On Disk)		4
12/99	ESTMAX.WIN	400	(Included)	WIN	7
10/88	GANTT	5	(On Disk)		4
2/93	NDMMS	50	NDMMS.D		3
2/93	NDRMS	50	NDRMS.D		3
4/88	PC PROJ	5	(On Disk)		4
3/97	WINSCH	195	(Included)		6
6/97	BAP	10	(On Disk)	W95/WIN	4
9/87	BERM	5	BERM.D		5
6/88	BRCOM	50	BRCOM.D		3
6/91	BRICK	12,930	(Included)		7
6/89	BRIDGE	50	BRIDGE.D		3
9/97	CBEAR	5	CBEAR.D		5
10/93	COM624P	5	COM624P.D		5
6/97	GSSH	30			5
8/88	DILLY	300 ¹	(Included)		1
6/99	DRIVEN	50	DRIVEN.D		3
11/91	ECSD	50	ECSD.D		3
5/93	EMBANK	50	EMBANK.D		3
2/94	FLRDS.GSS	100	FLRDS.D		3
4/98	ICAHD	2500	(Included)		7
6/96	KSBDS	75	(Included)		7
1/90	PCBRIDGE	5	(On Disk)		4
1/90	PCSTRAN	5	(On Disk)		4
9/97	PEARTH.W95	500	(Included)	W95	7
9/89	PLAID	500 ¹	(Included)		1
4/92	PPLAN	75	(Included)		6
9/97	RSS	5	RSS.D		5
12/84	SETSAND	50 ¹	(Included)	IB	1
7/89	SHAFT	200 ¹	(Included)	L123	1
3/92	SHAFTUF	200 ¹	(Included)	IB	1
9/99	SPUI	50	(On Disk)	QPROV8	3
6/93	SPILE	50	SPILE.D		3
11/90	SSD	50	SSD.D		3
9/95	TBHD	20	(Included)		5
	WEAP	5	WEAP.D		5
3/92	ASHDRAIN	165	(Included)		6
4/98	BASINOPT	1,235	(Included)	W95	7
4/98	SIMULA	400	(Included)	W95	7
9/97	bossrcad.w95	2,690	(Included)	W95	7
11/88	BOXCAR	125	BOXCAR.D		1
			BOXCAR.DS		25
			BRI-STARS.D		25
3/93	BRI-STARS	100			1
4/98	CAHH	485		W95	7
5/90	CANDE	5	CANDE.D		5
5/90	CANDE.S	5		(SI)	5
9/94	CPOST	335	(Included)		7
8/89	CANPRO	80	(Included)		6
4/98	CHANNEL	585	(Included)	W95	7
6/89	CODEH2	695	(Included)		6
10/88	CODEH2.DEM	10			6
6/99	HY8	125	HY8.D		2
	HY8.UPG	25	(Included)		40
11/92	CULVERT2	75	(Included)		2
4/94	CULVERT3	75	(Included)		2
5/98	CULVERT4	50	(Included)		6
9/99	CM.W95	795		W95	7
12/95	CYBERNET	195		AutoCAD	7
4/96	DBRM	175	(Included)		6
4/96	DBRM.M	175	(Included)		6

Product Description	Release Date	Software Product No.	Price	Documentation Product No.	Price	Supporting Software	LOS
DAMP, Ver. 1.1	7/89	DAMP	\$50	DAMP.D	\$10		3
Drainage Requirements in Pavements	11/98	DRIP	50	DRIP.D	10		3
EASy (Engineering Analysis System), Ver. 1.1	7/89	EASY	150	(Included)			6
EPANET Modeling System Contact McTrans for quote.	9/97	EPANET.W95		(Included)		W95	7
FESWMS, Ver.1.0	3/89	FESWMS	70	FESWMS.D	25		3
Supplemental Documentation				FESWMS.DS	25		
FlowMaster PE for Windows	12/95	FLOWPE.WIN	195			Win	7
FlowMaster I, Ver.3.4	7/93	FLOW	100	(On Disk)			7
Formed in Place Pipe, Ver. 3.1	12/95	FIPP	225	Included		Win	6
HEC-1, Ver. 4.0	8/90	HEC1.GSS	160	HEC1.D	45		2
Spanish Documentation				HEC1.DS	45		2
HEC-2, Ver. 4.6.2	6/91	HEC2	95	HEC2.D	30		2
Spanish Documentation				HEC2.DS	30		
HEC-12 (Pavement Drainage), Ver. 3.0	11/93	HEC12	350	(Included)			7
Demo, Ver. 2.11		HEC12.DEM	5	(On Disk)			6
HEC-RAS, Ver.2.0	5/97	HECRAS	125	HECRAS.D	25	W95/WIN	2
HYDGEN for Windows	6/93	HYDGEN	5	(Included)		WIN	4
HYDRAIN, Ver. 6.1	4/99	HYD6	350	HYD6.D	50		1
Ver. 6.0 Upgrade from Ver. 5.0		HYD6.UPG	50				1
Supplemental Documentation				HYD.DS	25		
Hydrogen Sulfide (HS), Ver.1.0	4/91	HS	45	HS.D	15		6
Supplemental Documentation				HS.DS	20		
HydroCAD, Ver.5.0	8/98	HCAD10	395	(Included)			7
		HCAD20	595	(Included)			7
		HCAD40	795	(Included)			7
		HCAD90	995	(Included)			7
		HCAD200	1195	(Included)			7
Hydrological Modeling System, Ver.1.1	6/99	HECHMS	75	HECHMS.D	20		2
Hydrology & Hydraulics for Stormwater Management Manual	6/96			HHSME.D	85		
HYDROpac, Ver.2.1b		HPAC	50	(Included)			6
HY-EDIT, Ver.1.1	11/91	HYEDIT	50	(On Disk)			6
HYPERCALC, Ver.1.01	3/95	HYPERCALC	5	(On Disk)		WIN	4
HYTB	3/99			HYTB.D	20		
LCA, Ver. 1.0	12/90	LCA	35	LCA.D	15		6
LCA Metric, Ver. 1.0	8/90	LCAM	35	LCAM.D	15		6
LCAP, Ver.1.0	12/90	LCAP	40	LCAP.D	10		6
MacCulvert, Ver.1.0	8/90	MACCULV.MAC	100	(Included)			7
MacStorm Sewer, Ver. 3.1	8/90	MACSTORM.MAC	550	(Included)			7
PIPECAR, Ver.2.1	3/95	PIPECAR	175	PIPECAR.D	25		1
Upgrade		PIPECAR.UPG	50	PIPECAR.DS	25		6
ASCE Standard 15-93	3/95			ASCE15.D	35		
PLASTIC	1/88	PLASTIC	5				5
PONDS	3/95	PONDS	700	(Included)			7
Preliminary Analysis System	7/88	PAS	50	PAS.D	15		3
PROfile	7/89	PFILE	50	(Included)			6
QUICK PIPE, Ver.1.3	3/95	QPIPE	125	(Included)			6
QUICK PIPE PRO, Ver. 1.0	12/95	QPP	375	(Included)			6
RIMS	4/98	RIMS	105	(Included)		W95	7
River Modeling System	9/97	BOSSRMS.W95	2,290	(Included)		W95	7
SAMM, Ver.2.0	10/90	SAMM	50	SAMM.D	15		6
Supplemental Documentation				SAMM.DS	40		
Scour at Bridges (HY-9), Ver.5.0	9/94	SCOUR	50	SCOUR.D	20		3
Supplemental Documentation (HEC-20)				SCOUR.DS	25		
StormCAD (25 Inlet Version)	12/95	StormCAD.WIN	495			Win	7
Storm Sewer Analysis	5/93	SSANAL	175	(Included)			6
Ver. 3.0 Upgrade		SSANAL.UPG	40	(Included)			6
Metric Ver.	5/93	SSANAL.M	175	(Included)			6
Storm Sewer Hydrograph	9/93	SSHVD	175	(Included)			6
Ver. 3.0 Upgrade		SSHVD.UPG	40	(Included)			6
Metric Ver.	5/93	SSHVD.M	175	(Included)			6
Stormwater Infiltration Structure Design	9/95	SISD	45				7
Stormwater Management, Ver.4.0	1/94	SMANAG	225	(Included)		EXC,WIN	6
Stormwater Management and Design Aid, Ver. 1.0	3/97	SMADA	5	(On Disk)		WIN	4
Stormwater Pumping Stations, Ver.1.0	12/94	SPS	75	(Included)			6
Street Flow	12/92	STFLOW	225	(Included)			7
Surface-water Modeling System, Ver. 6.0	9/99	SMS	3950	(Included)		WIN,W95/NT	7
SMS Upgrade		SMS.UPG	400				7

Product Description

SWATER.WIN
 SWITCH, Ver.2.0
 Urban Drainage Design Program
 Urban Stormwater Management Metric Ver.
 Watershed Modeling System, Ver. 5.1
 WMS Upgrade

new!

WINhydro®
 WINPROFILE, Ver. 1.03
 WSPRO (HY-7), Ver. 6.1
 WSPRO Graph, Ver. 2.03

Highway Engineering Pavements/Maintenance

Carson City PMS
 ELSYM 5
 EXPEAR, Ver.1.4
 Supplemental Documentation
 Highway Design & Maintenance Standards Model3 (HDM-III and HDM-PC), Ver.3.0
 HDM-PC, Fully Supported
 EBM Alone, Fully Supported
 Upgrade to Supported
 HDM-PC, Unsupported

EBM Alone, Unsupported
 HDM User's Manual (Extra Copies)
 HDM-Documentation, Vol.1 (Extra Copies)
 HDM-Documentation, Vol. 2 (Extra Copies)

ILLI-BACK, Ver.2.0
 ILLI-PAVE Algorithms

JCP-1
 Long Beach PMS
 MAPCON

Spanish Documentation

MIX
 MODULUS, Ver.4.0
 NULOAD
 PASELS, Ver.1.0
 Pavement Management Forecasting, Ver. 1.0
 Pavement Management System, Ver. 4.0
 GIS Ver. 1.0
 PMSPro Pavement Management System, Ver.5.2
 Road Manager, General Roadway
 Individual modules are available, Refer to Catalog or call for details.
 Road Surface Management System
 TAFFY, Ver. 1.1
 ZAPHERS

Highway Engineering Surveying

CC-SURVEYOR, Ver. 4.0
 COLLIER.GO, Ver. 3.47
 EZVAL, Ver. 2.1
 Easy Vertical Alignment, Ver. 2.0 (Windows)
 GEOH (Horizontal Geometry)
 SURVpac, Ver. 4.51
 WINcogo™

Traffic Engineering Capacity Analysis

CCG/CALC2
 CINCH
 CIRCAP
 FAZWEAVE, Ver. 2.20
 5 Leg Signalized Capacity
 Florida LOS Worksheets, Ver. 2.2
 HCM/ Cinema, Ver. 4.1

update

Release Date	Software Product No.	Price	Documentation Product No.	Price	Supporting Software	LOS
2/94	SWATER	\$5	(On Disk)		WIN	4
7/88	SWITCH	5	(On Disk)			5
4/98	HY-22	5	HY-22.D	\$20	W95	5
4/96	USMG	200	(Included)		IB	6
4/96	USMG.T.M	200	(Included)			6
9/99	WMS	1750	(Included)		WIN,W95/NT	7
	WMS.UPG	150				7
12/99	WINHYDR	375	(Included)		W95/98/NT	6
12/99	WINPRO	50	(Included)			6
6/99	WSPRO	85	WSPRO.D	25		2
1/93	WSPRO.G	55	(On Disk)			6
10/90	CCPMS	50	CCPMS.D	10	dB3	3
9/86	ELSYM	50	ELSYM.D	5		3
2/92	EXPEAR	50	EXPEAR.D	20		3
			EXPEAR.DS	25		
3/96						
	HDM	400	(Included)			1
	EBM	60	(Included)			1
	HDM.UPG	250				
	HDM.UN	150	(Included)			5
	EBM.UN	30	(Included)			5
			HDM.D	15		
			HDM.DV1	20		
			HDM.DV2	25		
	ILBACK	225	(Included)			7
7/86	ILLI	50	ILLI.D	5	(SI)	3
12/86	JCP	50	JCP.D	5		3
6/81	LBPMS	50	LBPMS.D	10	dB3	3
4/87	MAPCON	100	MAPCON.D	65		3
			MapCON.DS	65		
1/80	MIX	5	(None)		IB	5
2/91	MODUL	50	(Included)			3
10/86	NULOAD	50	NULOAD.D	15		3
7/88	PASEL	50	(Included)			3
12/87	PMF	50	PMF.D	15	L123	3
10/99	PMS	995	(Included)			7
12/87	PMS.GIS	2500	(Included)			7
3/95	PMSPRO	1000	(Included)			7
4/86	RMRD	495	(Included)			7
12/98	RSMS	75	RSMS.D	20		2
2/88	TAFFY	5	(On Disk)			5
12/96	ZAPHERS	50	(Included)		WIN	7
12/90	CCSURV	5	(On Disk)			4
5/89	COLLGO	5	(On Disk)		IB	4
	EZVAL	5				4
12/96	EZVAL.WIN	70	(Included)		WIN	7
8/92	GEOH	165	(Included)			6
2/94	SPAC	50	(Included)			6
6/95	WINCOGO	145				6
9/97	CALC2	225	(Included)			7
2/90	CINCH	50	CINCH.D	5	IB	3
7/88	CIRCAP	50	CIRCAP.D	5	IB	3
1/89	FAZWEAVE	50	FAZWEAVE.D	15	IB	3
1/90	5LEG	95	(Included)		L123	6
9/96	FLLOS	50	(On Disk)			3
9/99	HCMCIN	635 ¹	(Included)		W95/98/NT	7

Product Description	Release Date	Software Product No.	Price	Documentation Product No.	Price	Supporting Software	LOS
Highway Capacity Manual (HCM) with 1997 Update & CD ROM	8/98			HCM.D	\$110		
HCM Update only & CD ROM	8/98			HCM97UPD.D	90		
Highway Capacity Software	11/98	HCS3	\$500 ¹			W95	1
HCS release 3 complete upgrade (all modules)	11/98	HCS3.UPG	250			W95	1
Indonesian Highway Capacity Manual	6/99	IHCM	50	IHCM.D	35		3
IVHS Workshop Report	12/95	IVHSWS	5				
MAXVOL, Ver.1.0		MAXVOL	5	(On Disk)		EXC	4
MultiLeg, Ver. 2.4A	3/96	MLEG	85	(On Disk)			6
NCAP, Ver.2.04	11/86	NCAP	295	(Included)			7
Demo, Ver. 2.04	12/86	NCAP.DEM	10				6
Roadrunner, Ver. 5.2	7/97	RRUN.WIN	195	(Included)		WIN	6
Windows95 Ver.		RRUN.W95	195	(Included)		W95	6
Macintosh Ver.		RRUN.MAC	195	(Included)		EXC	6
SAT_ADJ	6/87	SATADJ	5	(On Disk)		L123	5
SATFLOW	3/95	SATFLOW	5	(Included)			4
SIDRA, Ver. 5.2	3/99	SIDRA	850	(Included)		W95/98/NT	6
Additional Copies		SIDRA.X	390	(Included)			6
Educational		SIDRA.E	390	(Included)			6
SIGCAP	2/87	SIGCAP	50	SIGCAP.D	5	(SI)	3
SIGVAL, Ver. 1.0	5/94	SIGVAL	55	SIGVAL.D	10		3
SIGNAL85/TEAPAC Capacity Only, Ver. 2.62	2/95	TPCS85.1	295 ¹	(Included)			7
Demo		TPCS85.0	5	(On Disk)			6
SIGNAL94/TEAPAC Capacity Only, Ver.1.23	8/98	TPCS94.1	295 ¹	(Included)			7
Demo		TPCS94.0	5	(On Disk)			6
SIGNAL94/TEAPAC Capacity Only, Windows 3.1, Ver. 1.23	8/98	TPCS94.1.WIN	295 ¹	(Included)		WIN	7
Demo, Windows 3.1		TPCS94.0.WIN	5	(On Disk)		WIN	6
SIGNAL94/TEAPAC Capacity Only, Windows 95, Ver. 1.23	8/98	TPCS94.1.W95	295 ¹	(Included)		W95	7
Demo, Windows 95		TPCS94.0.W95	5	(On Disk)		W95	6
SIGNAL97/TEAPAC Capacity Only, Windows 95, Ver. 1.00	8/98	TPCS97.1.W95	295 ¹	(Included)		W95	7
Demo, Windows 95		TPCS97.0.W95	5	(On Disk)		W95	6
SIGNAL97/TEAPAC Capacity Only, Windows 3.1, Ver. 1.00	8/98	TPCS97.1.WIN	295 ¹	(Included)		WIN	7
Demo, Windows 3.1		TPCS97.0.WIN	5	(On Disk)		WIN	6
SIGNAL97/TEAPAC Capacity Only, Ver. 1.00	8/98	TPCS97.1	295 ¹	(Included)			7
Demo		TPCS97.0	5	(On Disk)			6
SIPA, Ver. 2.0	2/88	SIPA	115	(Included)			6
SYNCHRO Light, Ver. 3.2		SYNCLT	585	(Included)		W95/WIN	7
UCB Planning Level Analysis	2/87	UCBPLA	5	(On Disk)			5
Unsig Mac, Ver. 1.1	5/89	UNSIG.Mac	5	(On Disk)			4
UNSIG10	3/87	UNSIG	50	UNSIG.D	5	(SI)	3
WINUNSIG, Ver. 2.1 (1985 HCM)	8/95	WINUNSIG21	50	(On Disk)		WIN	7
WINUNSIG, Ver. 3.0 (1994 HCM)	8/95	WINUNSIG30	75	(Included)		WIN	7
Demo	9/95	WINUNSIG.DEM	5	(On disk)		WIN	6
Traffic Engineering Data Processing							
DAITA	6/95	DAITA	80	(Included)		WIN	6
Demo		DAITA.DEM	10			WIN	6
FLOCOUNT	4/94	FLOCOUNT	190				6
PCSPEED, Ver. 1.3	7/87	PCSPEED	5	(On Disk)			5
PEDCTS, Ver. 1.0	1/90	PEDCTS	5	PEDCTS.D	5	L123	5
SpeedPlot, Ver. 2.0	5/93	SPLOT	100	(Included)			6
SpeedPLOT (+), Ver. 4.0	4/98	SPLOTPL	200	(Included)			6
SUPERDET, Ver.2.0	9/86	SUPERDET	300	(Included)			6
TDIP, Ver. 3.0	3/91	TDIP	50	TDIP.D	10		3
TED/TEAPAC, Ver. 3.60	3/94	TPCTED.1	295 ¹	(Included)			7
TGAP, Ver.1.0		TGAP	125	(Included)			7
TURNFLOW, Ver. 1.0	5/88	TURNFLOW	5	TURNFLOW.D	5	L123	4
URNS	10/90	URNS	50	(On Disk)			3
URNS/TEAPAC Tabulator & Peak Hour, Ver. 3.40	8/98	TPCTRN.1	295 ¹	(Included)			7
URNS/TEAPAC plus Warrants, Ver. 3.40	8/98	TPCTRN.2	595 ¹	(Included)			7
Demo		TPCTRN.0	5	(On Disk)			6
VEHCTS, Ver. 1.0	1/90	VEHCTS	5	VEHCTS.D	5	L123	5

Product Description	Release Date	Software Product No.	Price	Documentation Product No.	Price	Supporting Software	LOS
Traffic Engineering General Traffic							
ARTS Compendium	9/97	ARTS	\$5	ARTS.D	\$10		4
AUTOMUTS, Ver. 1.0	3/92	AUTOMUTS	50	(On Disk) FLMUTS.D	15		3
Florida Manual on Uniform Traffic Studies (MUTS)				BTS.D	10		2
Bottleneck Traffic Simulator (Bts), Ver. 1.1	8/91	BTS	75				6
CADD Sign Library DWG Format	3/95	CADD.DWG	195				6
CADD Sign Library DXF Format	3/95	CADD.DXF	195				6
CADD Sign Library CEL Format	3/95	CADD.CEL	195				6
Computer Aided Transportation Software	8/98	CATS	150				6
CONDUFIL, Ver. 1.0	11/91	CONDUFIL	5	(On Disk)			4
DELAYE, Ver. 1.0	3/99	DELAYE	50	(On Disk)		WIN	3
dQUEUE, Ver. 1.2	10/90	DQ	50	DQ.D	5		3
FREWAY, Ver. 1.01	9/87	FREWAY	50	FREWAY.D	5		3
FRIOP, Ver. 3.1	4/89	FRIOP	75 ¹	(Included)			1
General Purpose Queueing Model	3/97	QUEUE_M	95	(Included)			7
Integrated Queue Analysis Package (IQPAC), Ver. 1.0	1/94	IQPAC	175	(Included)			6
Manual for Uniform Traffic Control Devices	3/98	MUTCD.CD	145	(Included)		WIN	6
Professional Capacity Building	6/97	PCB	25	(Included)		WIN/PP	4
Queue2	6/93	QUEUE2	35	(Included)			7
QUICK-HOV	12/96	QUICKHOV	250	QUICKHOV.D	20		1
SALLIE, Ver. 1.0.4	3/90	SALLIE	50	SALLIE.D	15		3
SIGN DRAWINGS	10/86	SIGNDWG	165	(Included)			6
SIGN SPACING	12/89	SIGNSPAC	45	(On Disk)		IB	3
Sign Inventory Management System	3/99	SIMS	75				2
SPANWIRE	7/90	SPANWIRE	1550	(Included)			7
SPARKS, Ver.1.0	6/95	SPARKS	395	(Included)			6
Demo	6/95	SPARKS.DEM	10				6
TAPM		TAPM	50	TAPM.D	5		3
TBASE		TBASE	5	(On Disk)			4
TEAPAC Traffic Engineering Package	8/98	TPC*. *.1	3495 ¹	(Included)		W95/WIN	7
TOSS Traffic Operations System Software, Ver. 8.0	3/99	TOSS.P	1500	(Included)		W95/WIN	7
Upgrade (TOSS.P only)	3/99	TOSSUP	695	Included		W95/WIN	7
Accident Information System, Ver. 8.0	3/99	TOSSAIS	295	(Included)		W95/WIN	7
Collision Diagram, Ver. 8.0	3/99	TOSSCD	295	(Included)		W95/WIN	7
Traffic Count Information, Ver. 8.0	3/99	TOSSTCI	295	(Included)		W95/WIN	7
Sign Inventory System, Ver. 8.0	3/99	TOSSSI	295	(Included)		W95/WIN	7
Signal Maintenance System, Ver. 8.0	3/99	TOSSSTSM	295	(Included)		W95/WIN	7
Signal Inventory System, Ver. 8.0	3/99	TOSSTSI	295	(Included)		W95/WIN	7
Street Light Maintenance System, Ver. 8.0	3/99	TOSSSLM	295	(Included)		W95/WIN	7
Street Light Inventory System, Ver. 8.0	3/99	TOSSSLI	295	(Included)		W95/WIN	7
Road Marking Inventory, Ver. 8.0	3/99	TOSSRMI	295	(Included)		W95/WIN	7
Street Furniture Inventory System, Ver. 8.0	3/99	TOSSSFI	295	(Included)		W95/WIN	7
Complaint Logging System, Ver. 8.0	3/99	TOSSCL	295	(Included)		W95/WIN	7
Traffic Collision Diagram Library	9/93	ACCDWG	100	(On Disk)			6
Traffic Control Plan Library	9/93	TCPDWG	100	(On Disk)			6
Traffic Engineering letter Library	9/99	TELL	50	(Included)			6
Traffic Engineer's Toolbox	6/97	TET	250	(On Disk)		W95	6
Traffic Information Program Series (TIPS) with Binder				TIPS	10		
Traffic Noise Model Ver. 1.0b	9/99	FHWATNM	695	(Included)	15	WIN	1
Traffic Signal Design Library	9/93	TSDDWG	100	(On Disk)			6
TUTOR/TEAPAC, Ver. 3.03	8/98	TPCTUT.1	95 ¹	(Included)			7
Demo		TPCTUT.0	5	(On Disk)			6
Traffic Engineering Safety & Accident Records							
Accident Records Summary and Diagrams	1/92	ACCI	95	(On Disk)			6
Grade Severity Rating System	8/89	GSRS	50	GSRS.D	10		3
HISAM	2/86	HISAM	50	HISAM.D	10		3
KARS, Ver. 2.1	5/92	KARS	65	(Included)			3
Demo		KARS.DEM	15	(On Disk)			3
ROADSIDE, Ver. 5.0	1/96	ROADSIDE	50	(On Disk)			3
SCCOLD, Ver. 3.31	11/88	SCCOLD	75 ¹	(On Disk)			1
Safety Resource Allocation Program, Ver. 1.0	1/88	SRAP	50	SRAP.D	5		3

Product Description

Traffic Engineering Signal Timing & Warrants

Advanced Traffic Analysis

Arterial Analysis Package Executive, Release 4.2

Demo

ATMS Conference Proceedings

EZ-POSIT, Ver. 2.6

Left-Turn Signal/Phase Warrant Program

LINKFLO/INTCAP

LTAP, Ver.2.1

MAXBAND, Ver. 2.1

METS (Spanish Version of WEST)

M|O|S|T Volume 1, Reference Manual

M|O|S|T Volume 2, AAP Users Guide

M|O|S|T Volume 3, PASSER II-90 Users Guide

M|O|S|T Volume 4, TRANSYT-7F Users Guide

M|O|S|T Volume 5, WHICH Users Guide

M|O|S|T Binders

NOSTOP/TEAPAC (12 Intersections), Ver. 4.30

NOSTOP/TEAPAC (25 Intersections), Ver. 4.30

Demo

NOSTOP/TEAPAC (12 Intersections), Windows 3.1, Ver. 4.30

NOSTOP/TEAPAC (25 Intersections), Windows 3.1, Ver. 4.30

Demo, Windows 3.1

NOSTOP/TEAPAC (12 Intersections), Windows 95, Ver. 4.30

NOSTOP/TEAPAC (25 Intersections), Windows 95, Ver. 4.30

Demo, Windows 95

P2BAT

PASSER II-90, Ver. 2

M|O|S|T Volume 3

PASSER III-98

Upgrade from PASSER III-90

PASSER IV-96, Ver.2.1

PREPASSR/TEAPAC (12 Intersections), Ver. 1.52

PREPASSR/TEAPAC (100 Intersections), Ver. 1.52

Demo

PREPASSR/TEAPAC (12 Intersections), Windows 3.1, Ver. 1.52

PREPASSR/TEAPAC (100 Intersections), Windows 3.1, Ver. 1.52

Demo, Windows 3.1

PREPASSR/TEAPAC (12 Intersections), Windows 95, Ver. 1.52

PREPASSR/TEAPAC (100 Intersections), Windows 95, Ver. 1.52

Demo, Windows 95

PRETRANSYT/TEAPAC (12 Intersections), Ver. 2.62

PRETRANSYT/TEAPAC (100 Intersections), Ver. 2.62

Demo

PRETRANSYT/TEAPAC (12 Intersections), Windows 3.1, Ver. 2.62

PRETRANSYT/TEAPAC (100 Intersections), Windows 3.1, Ver. 2.62

Demo, Windows 3.1

PRETRANSYT/TEAPAC (12 Intersections), Windows 95, Ver. 2.62

PRETRANSYT/TEAPAC (100 Intersections), Windows 95, Ver. 2.62

Demo, Windows 95

Progression Graphics and Optimization

Demo (Includes SNAG)

Tutorial (Includes SNAG)

Progression Through a Series of Intersections with Actuated Controllers

QUICK-7F, Ver. 7.2

Upgrade to Supported

SIG/CINEMA, Ver. 2.1

update

Release Date	Software Product No.	Price	Documentation Product No.	Price	Supporting Software	LOS
3/95	TRAFFIC.CD	FREE				5
2/94	AAPEX	\$200 ¹	AAPEX.D (MOST.V2)	\$35		1
	AAP.DEM	5				5
10/93			ATMS93.D (On Disk)	20		4
9/85	EZPOSIT	5				6
6/96	LTPHASE	50				3
1/87	LINKFLO	50	LINKFLO.D (On Disk)	5	L123	3
12/87	LTAP	50	MAXBAND.D (Included)	20	IB	3
	MAXBAND	50				6
12/96	METS	200	MOST.V1	40		6
			MOST.V2	35		
			MOST.V3	15		
			MOST.V4	40		
			MOST.V5	20		
			MOST.B	5		
8/98	TPCNST.1	395 ¹	(Included)			7
8/98	TPCNST.2	495 ¹	(Included)			7
	TPCNST.0	5	(On Disk)			6
8/98	TPCNST.1.WIN	395 ¹	(Included)		WIN	7
8/98	TPCNST.2.WIN	495 ¹	(Included)		WIN	7
	TPCNST.0.WIN	5	(On Disk)		WIN	6
8/98	TPCNST.1.W95	395 ¹	(Included)		W95	7
8/98	TPCNST.2.W95	495 ¹	(Included)		W95	7
	TPCNST.0.W95	5	(On Disk)		W95	6
11/91	P2BAT	5	(On Disk)			4
12/90	P290	150	P290.D	15		1
			MOST.V3	15		
6/99	P398	300	P398.D	15		1
	P398.UPG	170				1
6/97	P496	250	P496.D	15		1
8/98	TPCPPS.1	395 ¹	(Included)			7
8/98	TPCPPS.2	595 ¹	(Included)			7
	TPCPPS.0	5	(On Disk)			6
8/98	TPCPPS.1.WIN	395 ¹	(Included)		WIN	7
8/98	TPCPPS.2.WIN	595 ¹	(Included)		WIN	7
	TPCPPS.0.WIN	5	(On Disk)		WIN	6
8/98	TPCPPS.1.W95	395 ¹	(Included)		W95	7
8/98	TPCPPS.2.W95	595 ¹	(Included)		W95	7
	TPCPPS.0.W95	5	(On Disk)		W95	6
8/98	TPCPTR.1	495 ¹	(Included)			7
8/98	TPCPTR.2	695 ¹	(Included)			7
	TPCPTR.0	5	(On Disk)			6
8/98	TPCPTR.1.WIN	495 ¹	(Included)		WIN	7
8/98	TPCPTR.2.WIN	695 ¹	(Included)		WIN	7
	TPCPTR.0.WIN	5	(On Disk)		WIN	6
8/98	TPCPTR.1.W95	495 ¹	(Included)		W95	7
8/98	TPCPTR.2.W95	695 ¹	(Included)		W95	7
	TPCPTR.0.W95	5	(On Disk)		W95	6
9/91	PROGO	250	(Included)			6
9/91	PROGO.DEM	5				6
9/91	PROGO.SNAG	5				6
10/88			PROG.D	10		
2/94	QUICK7F	250	QUICK7F.D	20		1
	QUICK7F.UPG	200				
9/99	SIGCIN	805	(Included)		W95/98/NT	7

Product Description	Release Date	Software Product No.	Price	Documentation Product No.	Price	Supporting Software	LOS
SIGNAL85/TEAPAC Capacity Plus Optimization, Ver. 2.62 Demo	2/95	TPCS85.2	\$595 ¹	(Included)			7
SIGNAL94/TEAPAC Capacity Plus Optimization, Ver. 1.23 Demo	8/98	TPCS85.0	5	(On Disk)			6
SIGNAL94/TEAPAC Capacity Plus Optimization, Windows 3.1, Ver. 1.23 Demo, Windows 3.1	8/98	TPCS94.2	595 ¹	(Included)		WIN	7
SIGNAL94/TEAPAC Capacity Plus Optimization, Windows 95, Ver. 1.23 Demo, Windows 95	8/98	TPCS94.0	5	(On Disk)		WIN	6
SIGNAL97/TEAPAC Capacity plus Optimization, Windows 95, Ver. 1.00 Demo, Windows 95	8/98	TPCS94.2.WIN	595 ¹	(Included)		WIN	7
SIGNAL97/TEAPAC Capacity plus Optimization, Windows 3.1, Ver. 1.00 Demo, Windows 3.1	8/98	TPCS94.0.WIN	5	(On Disk)		WIN	6
SIGNAL97/TEAPAC Capacity plus Optimization, Ver. 1.00 Demo	8/98	TPCS94.2.W95	595 ¹	(Included)		W95	7
SIGPAK	3/87	TPCS94.0.W95	5	(On Disk)		W95	6
Signal Network Animated Graphics Demo (Includes PROGO) Tutorial (Includes PROGO)	9/91	TPCS97.2.W95	595 ¹	(Included)		W95	7
Signal Timing Database SOAP84, Ver. 84.04	6/99	TPCS97.0.W95	5	(On Disk)		W95	6
SYNCHRO, Ver. 4.0	12/88	TPCS97.2.WIN	595 ¹	(Included)		WIN	7
SYNCHRO Demo, Ver. 4.0	4/98	TPCS97.0.WIN	5	(On Disk)		WIN	6
TEAPAC Signal Timing Analysis Package	8/98	TPCS97.2	595 ¹	(Included)			7
TIMACS, Ver. 1.2	7/89	TPCS97.0	5	(On Disk)			6
Traffic Models Handbook	12/95	SIGPAK	50	(Included)			3
TRANNET, Release 7.1	3/95	SNAG	250				6
TRANSYT-7F, Release 8.1	3/98	SNAG.DEM	5				6
		PROGO.SNAG	5				6
Upgrade from Release 6		ATCSTDB	395	(Included)		Access	6
TRANSYT-7F Self Study Guide	7/89	SOAP	50 ¹	SOAP.D	\$30		1
TS/PP-DRAFT, Ver. 2.0	9/94	SOAP	50 ¹	(Included)		W95/98/NT	7
WARRANT, Ver. 1.0	7/91	SYNCHRO	2099	(Included)		W95/WIN	7
WARRANTS/TEAPAC Warrants Only, Ver. 1.20	8/98	SYNCHRO DEMO, Ver. 4.0	5			W95/WIN	7
WARRANTS/TEAPAC Plus Tabulation & Peak Hour, Ver. 1.20 Demo	8/98	TEAPAC Signal Timing Analysis Package	2495 ¹	(Included)			7
WEST, Ver. 2.20	7/89	TIMACS	50	TIMACS.D	5		3
WHICH	12/95	TIMACS	50	TMOH.D	20		6
		TRANNET	40	(Included)			3
		MCT7F8	500 ¹	T7F8.D	35		1
		MCT7F8.UPG	250	(MOST.V4)			1
		T7FSSG	95	(Included)			3
		TSDRFT	440	(Included)			7
		TSPP.DEM	5	(Included)			7
		WARRANT	50	(On Disk)			3
		TPCWAR.1	395 ¹	(Included)			7
		TPCWAR.2	595 ¹	(Included)			7
		TPCWAR.0	5	(On Disk)			6
		WEST	200	(Included)			6
		WHICH	250 ¹	WHICH.D	20		1
				(MOST.V5)			
Traffic Engineering Simulation & Analysis							
CORFLO, Ver. 5.0	3/95	CORFLO	350	TRAF.D	50		1
CORSIM CBT	8/92	CORFLO.DEM	5				5
FLEXSYT-II	9/99	CORCBT	145	(Included)		W95	1
INTEGRATION, Ver. 2.0	12/95	FLEXSYT	3000			Win	7
ITRAF, Ver. 3.0	9/95	INTEG	395	(Included)			6
PRENETSIM/TEAPAC (12 Intersections) Ver.1.22	12/99	ITRAF27	75	ITRAF27.D	20	W95	2
PRENETSIM/TEAPAC (100 Intersections) Ver.1.22 Demo	8/98	TPCPNT.1	495 ¹	(Included)			7
PRENETSIM/TEAPAC (12 Intersections), Windows 3.1, Ver.1.22 Demo, Windows 3.1	8/98	TPCPNT.2	695 ¹	(Included)			7
PRENETSIM/TEAPAC (100 Intersections) Windows 3.1, Ver.1.22 Demo, Windows 3.1	8/98	TPCPNT.0	5	(On Disk)			6
PRENETSIM/TEAPAC (12 Intersections), Windows 95, Ver.1.22 Demo, Windows 95	8/98	TPCPNT.1.WIN	495 ¹	(Included)		WIN	7
PRENETSIM/TEAPAC (100 Intersections), Windows 95, Ver.1.22 Demo, Windows 95	8/98	TPCPNT.2.WIN	695 ¹	(Included)		WIN	7
SimTraffic Ver. 4.0	12/99	TPCPNT.0.WIN	5	(On Disk)		WIN	6
TEXAS, Ver. 3.11	7/92	TPCPNT.1.W95	495 ¹	(Included)		W95	7
		TPCPNT.2.W95	695 ¹	(Included)		W95	7
		TPCPNT.0.W95	5	(On Disk)		W95	6
		TRAFSIM	899	(Included)		W95/98/NT	7
		TEXAS	225	TEXAS.D	25		1
		TEXAS.DEM	5	(On Disk)			1
		TSIS.W95	500	TSIS.D	20	W95	1
		TSISNFU.W95	250			W95	1
		TSISNU.W95	250			W95	1
		TSISFU.W95	250			W95	1

Product Description	Release Date	Software Product No.	Price	Documentation Product No.	Price	Supporting Software	LOS
Traffic Engineering Traffic Maintenance							
Berkeley Traffic System III	10/88	BTS3	\$200	BTS3.D	\$20	dB3+	1
KAR II, Ver. 7.0	11/93	KAR II	1500	(Included)			6
North Dakota Sign Management System, Ver. 4.0	2/93	NDSMS	50	NDSMS.D	5		3
QUEWZ		QUEWZ	5	QUEWZ.D	5		5
Sign Inventory System	6/92	SIS	50	SIS.D	20		3
SIGNS ^3	3/86	SIGNS3	50	SIGNS.D	15	dB3	3
Transit Operations							
Automated Transit Ridership Data	8/90	ATRDCS	50	ATRDCS	45		3
Chapel Hill Scheduler Interactive Bus Scheduler	5/85	CHS	50	CHS.D	5		3
Cost Allocation Applications	7/86	COST	50	COST.D	5	L123	3
Days Off Calculator, Ver. 3.0 (DOS), Ver. 2.0 (WIN)	4/98	DAYS	5	(On Disk)		WIN	4
Fixed Guideway Transit	7/92	FGT	50	FGT.D	10		3
Fleetmax	7/94	FMX	995	(Included)			7
Windows Version	7/94	FMX.WIN	995	(Included)			7
Demo		FMX.DEM	5	(Included)			7
GFI Farebox Software Utilities	3/97	FAREBOX	5	(Included)			4
Inventory CTRL	7/92	ICTRL	1195	(Included)			7
Demo	7/92	ICTRL.DEM	5				7
Paratransit Vehicle Maintenance	7/91	PVM	50	PVM.D	20		3
Section 15 Transit Agency Performance Data		SECT15	20	SECT15.D	15	L123	3
Section 15 Data, 1981-1997 (Specify Year)		SST3	50	SST3.D	5	DB3	3
SST3: Small Transit Management Software	12/87	SSTD	50	SSTD.D	5	IB	3
Statistical Sampling of Trip Data	8/83	TSSAPP	50	(On Disk)		L123	3
Transit Spreadsheet Applications	2/85	VCTRL	1295	(Included)			7
Vehicle CTRL	2/85	VCTRL.DEM	10				7
Demo							
Transit Planning							
Bus Transit Garage Space Requirements Model		BBARN	695	(Included)			7
CAM (Cost Allocation Model), Ver. 1.0	11/98	CAM	50	CAM.D	5	L123	3
Disaggregate Elasticity Model, Ver. 1.0	12/84	DEL	50	DEL.D	5		3
Macintosh Ver.		DEL.MAC	50			EXC	3
RPT Spreadsheets	9/95	RPT	50	RPT.D	25		3
Service Planning Case Studies	6/85	SPCS	50	SPCS.D	5	L123	3
Transit Route Planning CAI Course	5/97	CAI	15	(Included)		WIN	5
Transportation Planning Data Processing							
Advanced General Network Editor, Ver. 6.0 for Windows	3/99	GNE.WIN	245	(Included)			7
License Plate Data Analysis Package	6/96	LPLATE	775	(Included)			7
MVMACH, Ver. 5.4	6/99	MVMACH	1500 ²	(Included)		W95/WIN	7
Survey	6/99	SURV	1500 ²	(Included)		W95/WIN	7
Traffic Interpolator & Extrapolater Software		TIES	150	(Included)			6
URPDB, Ver. 1.9	3/90	URPDB	10	(On Disk)			5
ZDATA, Ver. 1.3	9/89	ZDATA	50	(Included)			6
Transportation Planning Demand Modeling							
HALLEY, Ver. 3.2	10/86	HALLEY	50	HALLEY.D	10	L123	3
HieLoW-Hierarchical Logit for Windows™ (English)	9/95	HIELOW.EN	4000	(Included)		WIN	7
HieLoW-Hierarchical Logit for Windows™ (French)	9/95	HIELOW.FR	4000	(Included)		WIN	7
Demo	9/95	HIELOW.DEM	10				
HLFM II+ with QRS II (300 Zones), Ver. 2.0	1/94	HLFMQRS.300	390	(Included)		WIN	7
HLFM II+ with QRS II (600 Zones)		HLFMQRS.600	585	(Included)		WIN	7
HLFM II+ with QRS II (900 Zones)		HLFMQRS.900	780	(Included)		WIN	7
Advanced GNE when purchased with HLFM		GNE.HLF	195	(Included)			7
MODE CHOICE	11/84	MODE	50	(On Disk)		L123	3
Mode Choice Modeling (CALIB), Ver. 1.11	10/87	CALIB	60	(Included)			3
Simplified Project Forecasting	8/85	SPF	50	SPF.D	20		3
TDC (Transportation Data Cruncher), Ver. 3.0	8/88	TDC	5	(On Disk)			4
The Highway Emulator	7/91	THE	50	THE.D	15		3
TMOVES, Ver. 1.1	12/89	TMOVES	50	TMOVES.D	5		3
TRANS-EXPERT, Ver. 4.0	3/97	TRANEXPT	495	(Included)			6
Travel Demand Management Evaluation	11/93	TDM	250	TDM.D	20		1
Model, Ver. 2.2							
Demo		TDM.DEM	5				

Product Description	Release Date	Software Product No.	Price	Documentation Product No.	Price	Supporting Software	LOS
UfosNET Professional A	6/96	UFOSNET	\$9500	(Included)			7
UfosNET Professional B		UFOSNETB	6500	(Included)			7
UfosNET Lite		UFOSLIT	3500	(Included)			7
UfosNET Academic		UFOSACA	995	(Included)			7
Transportation Planning Network Assignment							
b-Node Model, Ver.1.0	6/99	BNODE	900	(included)			7
MicroTRIMS, Ver. 1.1	12/88	MCTRIMS	55	MCTRIMS.D	\$5		3
QRS II, Ver. 5.10	10/93						
300 Zones		QRS.300	195	(Included)		W95/WIN	7
QRS and ADV.GNE (300 Zones)		QRSGNE.300	390	(Included)		W95/WIN	7
QRS and ADV.GNE (600 Zones)		QRSGNE.600	585	(Included)		W95/WIN	7
QRS and ADV.GNE (900 Zones)		QRSGNE.900	780	(Included)		W95/WIN	7
QRS and ADV.GNE (2400 Zones)		QRSGN2.400	1075	(Included)		W95	7
Demo for QRS II and GNE		QRSGNE.DEM	5	(Included)			6
SATURN, Ver. 8.4	8/93	SATURN	12950				7
TMODEL2™, Ver. 2.0		TMODEL2	3800	(Included)			7
TMODEL2, Education Version		TMODEL2.ED	150	(Included)			7
TMODEL2, Sample Version		TMODEL2.DEM	125	(Included)			7
TP/4-in-1	6/99	TP4IN1	900	(Included)			7
TrafikPlan™		TRAFIKP	1995	(Included)			6
Educational		TRAFIKP.ED	495	(Included)			6
Transportation Network Analysis System 2, Ver. 1.0	7/86	TNAS2	50	TNAS2.D	5		3
TRIPS/32 (Basic Highways)		TRIPS	8715 ²	(Included)		W95/WIN	7
Call for details on additional modules.							
Transportation Planning Project Management							
Better Decisions, Release 4		BD	95	(Included)			7
candlink	11/86	CANDLINK	5	(None)			5
Decision Support System, Version 2.0	6/88	DSS	50	DSS.D	10		3
Highway Design and Maintenance		HDM	400	(Included)			1
Standards Model (HDM III and HDM-PC)							
Highway User Cost Accounting	4/90	HUCA	50	HUCA.D	15	L123	3
MicroBENCOST, Ver.2.0	9/99	BENCOST	95	BENCOST.D	35		3
Municipal Equipment Management System	4/93	MEMS	50	MEMS.D	20	IB	3
Program Development and Management System		PDMS	250	(Included)			7
Project Analysis Package, Version 2.0	10/88	PAP	50	PAP.D	5		3
TSM	7/89	TSM	55	TSM.D	20		3
Transportation Planning Site Analysis							
ASSIGN9		ASSIGN9	700	(Included)			7
Demo		ASSIGN9.DEM	20				7
Intersection Analysis Spreadsheets, Version 3.0	7/90	IAS	50	IAS.D	5	L123	3
Planning and Project Development Spreadsheets	2/88	PPDS	50	PPDS.D	10	L123	3
Roadway/Intersection Air Quality	7/84	RAQIAQ	50	RAQIAQ.D	10	L123	3
SITE, Ver. 2.0	7/89	SITE	50	(On Disk)		L123	3
Macintosh Version		SITE.MAC	50	(On Disk)		EXC	3
SITE/TEAPAC (12 Intersections), Ver. 3.40	8/98	TPCSIT.1	395 ¹	(Included)			7
SITE/TEAPAC (25 Intersections), Ver. 3.40	8/98	TPCSIT.2	495 ¹	(Included)			7
Demo		TPCSIT.0	5	(On Disk)			6
TEAPAC Site Impact Analysis Package	8/98	TPC*. *.3	2195 ¹	(Included)		W95/WIN	7
TRAFFIX Traffic Impact Analysis Software, Ver. 7.1 (Including HCM Module)	12/99	TRAFFIX.W95	2090	TRAFFIX.D	75	W95	7
TRAFFIX 1997 HCM Module Separate	12/99	TRAFFIX.M	250			W95	7
TRANMAP Site Traffic Impact Analysis	9/97	TRANMAP	900	Included)			7
TRIP GENERATION, Ver. 4.0	3/98	TRIPGEN	400	(Included)			7
VisualTraffic	6/99	VTRAF	150	(Included)		EXC	7
VisualTraffic Lite	6/99	VTRAFIT	5	(Included)			7
WinTASS, Ver.2.0	3/98	WINTASS	295	(Included)		W95/WIN	7
Demo	3/98	WINTASS.DEM	5	(On Disk)		W95/WIN	7
General interest Administration							
Equipment Manager, Ver.1.51		EQMGR	1495	(Included)			7
FINDER, Ver.1.0	4/89	FINDER	75 ¹	(Included)			1
HIGHMANAGE	3/90	HMNG	1500	(Included)			6

update

Links Menu

- [About McTrans](#)
- [Newsletters](#)
- [Catalog](#)
- [Highway Capacity Software](#)
- [Update Information](#)
- [Technical Assistance](#)
- [McLink \(FTP files\)](#)
- [Other Transportation Topics](#)
- [Other Transportation Sites](#)

Product Description

Mortgage Toolbox Demo, Ver.1.0+

General interest Miscellaneous

ALERT, Ver.1.1
 CADmagic, Ver.1.5
 DMPLAS, Ver.1.1
 Engineering Geometry Assistant
 McPrimer, Third Edition
 Educational
 McPRIMER for WINDOWS
 MetriCAD, Ver. 1.0
 MetriCAD for Windows, Ver. 1.0
 Sample Size Estimate
 ZTEST

Release Date	Software Product No.	Price	Documentation Product No.	Supporting Software	LOS
2/90	MORTGAGE	5	(On Disk)		4
3/90	ALERT	\$5	(On Disk)		4
	CADM	100	(Included)		7
11/91	DMPLAS	5	(On Disk)		4
3/99	EGA	350	(Included)	W95/98/NT	7
6/93	MCP	20	(Included)		6
	MCP.ED	15	(Included)		6
6/94	MCPWIN	20			
	MCAD	90	(Included)		
6/95	MCAD.WIN	125	(Included)	WIN	7
	SAMSIZE	50	(Included)		7
	ZTEST	65	(Included)		7

Information Access

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Messages: 1-800-226-1013

Telephone: (352) 392-0378

Extension General Responsibilities

Bill Sampson Assistant Director	241	Center & software information Website & technical assistance (HCS)
Bill Heitman Program Manager	234	Catalog & newsletter information Advertising & support services
Jesse Wolbert Program Assistant	239	Orders & new product status Contracts & licenses
Debbie Escalera Order Processing	242	Order & shipment status Software registration & invoices
David Hale Technical Assistant	240	Traffic software technical assistance TRANSYT-7F, PASSER, NETSIM
Ahmet Dogan Technical Assistant	238	Hydraulic software technical assistance HYDRAIN, HEC, HY-8, WSPRO



Conferences:

Transpo 2000–The Future Is Now (see announcement on page 3) April 17-19 Orlando, FL
Complete Meeting Concepts (407) 425-8184

ITS America 10th Annual Meeting & Exhibition May 1-4 Boston, MA
Katrina Mayo (202) 484-4549

Training:

Site Impact Planning Seminar (see announcement on page 3) Feb 23-25 Orlando, FL
McTrans, University of Florida (352) 392-0378 ext. 223

Access Management Planning Seminar (see announcement on page 3) Feb 28-Mar 1 Orlando, FL
McTrans, University of Florida (352) 392-0378 ext. 223

Travel Demand Planning Seminar (see announcement on page 3) Mar 2 Orlando, FL
McTrans, University of Florida (352) 392-0378 ext. 223

Traffic Signal Operation at Local Intersections May 1-5 Atlanta, GA
Georgia Institute of Technology (404) 385-3502

Traffic Signal Operation in Coordinated Systems March 6-10 Atlanta, GA
Georgia Institute of Technology (404) 385-3502