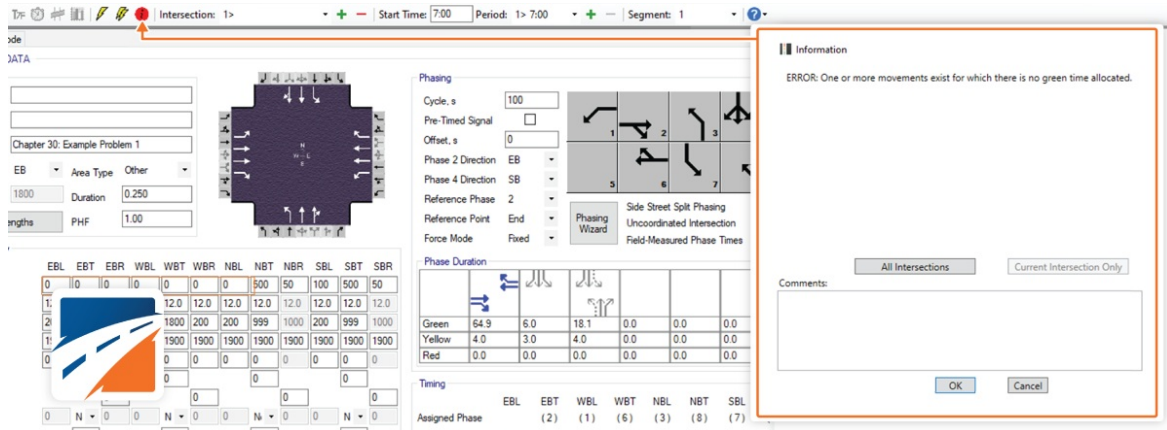


## Best Practices for your Highway Capacity Analysis



McTrans support is here to help users with any questions you may have while conducting your traffic analysis and simulation with our software. Some common mistakes can be easily avoided with simple checks and software resources, saving your time while working on your projects. [7 common mistakes to avoid when using HCS:](#)

[Read More](#)

## Testimony

At McTrans, we strive to provide the highest quality of customer support. Our team takes our clients' needs very seriously and addresses all types of questions from our users, including providing modeling tips and advising on complex studies that use HCS, HSS, and TSIS-CORSIM.

The most rewarding part of our work is to hear feedback from our customers such as [Hamideh Etemadnia, Ph.D., PE, PMP](#), with whom we worked together to provide a solution on a complex Freeway project.

I found HCS tool very helpful addressing the existing  
and future operation analysis in our studies.  
Thank you for creating, updating, and maintaining  
such a useful tool and service.

**Hamideh Etemadnia**

EST, Inc. | Senior Traffic/ITS Specialist

## McTrans at the Mid Colonial ITE Event and Corpus Christi in Texas







McTrans' Fabio Sasahara attended the ITE Mid-Colonial 2022 Annual Meeting in Baltimore, MD (April 10-12). There, we held an exhibition booth where we had the opportunity to showcase our latest products such as HCS 2022 and TSIS-CORSIM 2022. This was a great opportunity to connect to many of our clients and to their experience using our software.

The Mid-Colonial District encompasses the states of Delaware, Maryland, Pennsylvania, Washington DC, and portions of the States of New Jersey and Virginia. This was the District's first in-person Annual Meeting since 2019, therefore attendees had a great time engaging in networking activities. The event also had a series of high-quality presentations on several transportation topics such as traffic, safety, equity, multimodal, CAVs, and innovative solutions.



# Recall Mode for Actuated Signals

The "Recall Mode" options are used to control how phases are called on actuated signalized intersections in HCS:

Phase Duration						
						
Green	26.4	64.0	30.5	6.3	0.0	0.0
Yellow	5.0	5.0	4.4	4.4	0.0	0.0
Red	1.0	1.0	1.0	1.0	0.0	0.0

Timing								
Assigned Phase	EBL (8)	EBT (8)	WBL (4)	WBT (4)	NBL (1)	NBT (6)	SBL (5)	SBT (2)
Phase Split, s	0.0	20.0	0.0	38.0	22.0	70.0	22.0	70.0
Yellow Change, s	4.0	4.4	4.0	4.4	5.0	5.0	5.0	5.0
Red Clearance, s	0.0	1.0	0.0	1.0	1.0	1.0	1.0	1.0
Minimum Green, s	6	6	6	6	6	6	6	6
Lag Phase	<input type="checkbox"/> EL	<input type="checkbox"/> ET	<input type="checkbox"/> WL	<input type="checkbox"/> WT	<input type="checkbox"/> NL	<input type="checkbox"/> NT	<input type="checkbox"/> SL	<input type="checkbox"/> ST
Passage Time, s	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Recall Mode	Off	<input type="checkbox"/> Ped	Off	<input type="checkbox"/> Min	<input type="checkbox"/> Max	<input type="checkbox"/> Min	<input type="checkbox"/> Max	<input type="checkbox"/> Min
Dual Entry	<input type="checkbox"/> EL	<input type="checkbox"/> ET	<input type="checkbox"/> WL	<input type="checkbox"/> WT	<input type="checkbox"/> NL	<input checked="" type="checkbox"/> NT	<input type="checkbox"/> SL	<input checked="" type="checkbox"/> ST
Dallas/FYA Phasing	<input type="checkbox"/> E/W		<input type="checkbox"/> N/S		Simultaneous Gap		<input type="checkbox"/> E/W	<input checked="" type="checkbox"/> N/S



**Off:** phases may be skipped in the absence of vehicular demand, resulting in average green times close to the minimum.

**Min:** Service the phase at least until its minimum green interval times out.

**Max:** Displays green indication for its maximum duration, similar to pre-timed control.

**Ped:** Place a pedestrian call on the phase and then service the phase for at least the pedestrian walk and clear times.



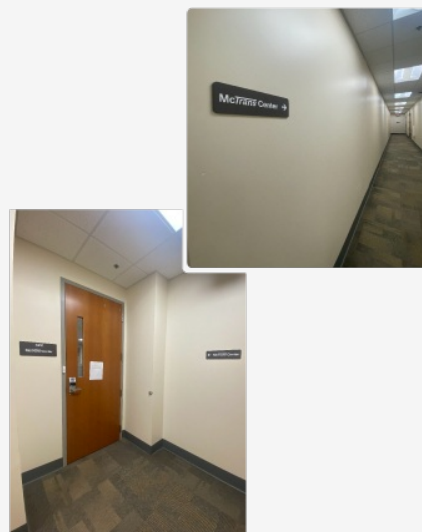
## Fatima Ahmed

Project Manager with Planning, Design & Construction

"Coming to Gainesville just three years ago, not exactly knowing where I would be destined, I had applied to the University of Florida and had accepted a position at Facilities Services. After two years of training in Engineering and Construction, I had been promoted to Project Manager at Planning, Design, and Construction this year of 2022. This project to help Dr. Aghdashi and Mr. Czerenda is my first project with the McTrans Center.

Dr. Aghdashi and Mr. Czerenda's project was to help guide people to locate the McTrans Center in the East Campus Office on the third floor.

Both Dr. Aghdashi and Mr. Czerenda creative visionary was to create three signs to guide people through a long hallway to McTrans. They were incredible to work with and made the process quick, simple, and easy. I look forward to working with the McTrans Center again, especially with Dr. Aghdashi and Mr. Czerenda."



Visit our exhibit booth at the  
**ITE Northeastern District  
Annual Meeting**



Ithaca, NY

2022  
**May  
11-13**



### **Are you attending the ITE Northeastern District Annual Meeting?**

Make sure to visit our McTrans booth and talk to our experts!

We look forward to meeting you, talking about our latest products and services, and hearing your questions and opinions. [Learn more](#)

### **Other Events in 2022**

- **ASCE International Conference on Transportation & Development (May 31 – June 3, Seattle, WA)**
- ITE Mountain District Annual Meeting (June 8-10, Boise, ID)
- ITE Great Lakes Annual Meeting (June 20-22, Duluth, MN)
- ITE Western District Annual Meeting (June 26-29, Palm Springs, CA)
- Florida Transpo (July 17-20, Orlando, FL)
- ITE Annual Meeting (July 31 – Aug 3, New Orleans, LA)
- ITS World Congress (September 18-22, Los Angeles, CA)

**UF** Transportation Institute | **McTrans**  
UNIVERSITY of FLORIDA

## **UPCOMING VIRTUAL TRAINING**

### **What's New in the 7th Edition of HCM?**

Applicable for **1.5 PDHs**

**May 11, 2022** 12 - 1:30 PM ET  
**July 12, 2022** 12 - 1:30 PM ET

### **Highway Safety Analysis**

Applicable for **8 PDHs**

**May 24 - 25, 2022** 1 - 5 PM ET

### **Traffic Engineering Fundamentals**

Applicable for **12 PDHs**

**Jun 01 - 15, 2022** 10 AM - 2 PM ET

### **Highway Capacity Analysis**

Applicable for **12 PDHs**

**Jun 28 - 30, 2022** 1 - 5 PM ET

### **Transportation Equity Certificate**<sup>NEW</sup>

Applicable for **16 PDHs**

**Module I | Equity & Accessibility-based Approach**

**Jun 15 & 16, 2022** 1 - 5:30PM ET

### **Ready to register?**

Visit us at [mctrans.ce.ufl.edu/training/](https://mctrans.ce.ufl.edu/training/).

### **Have questions or want to learn more?**

Send us an email at [mctrans@ce.ufl.edu](mailto:mctrans@ce.ufl.edu).

## **Stay Connected With Us**



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