

transportation TRACKS

North Carolina Local Technical Assistance Program (LTAP) Newsletter

Fall 2019

Road Scholars, Advanced Road Scholars, and Master Road Scholars Recognized



Each year at the APWA NC Combined Equipment Services and Streets Division Conference we take the time to recognize the LTAP students who have become Road Scholars, Advanced Road Scholars or Master Road Scholars in the past year. And each year, we have more and more students to recognize! Pictured above are Master Road Scholars Derrick Bunn, Eddie Simms, Tim Eaton, Tony Harrell, Ben Rasberry, and Randall Cox with our Program Coordinator Bill Woods; Johnny Faulk, our final Master Road Scholar, was unable to attend.

A great group of new Advanced Road Scholars were also able to attend the conference. To complete this certificate, in addition to taking 8 classes, students write a review paper identifying the key classes and attributes of the LTAP program that have helped their careers. On page 4 you will find quotes from each Advanced Road Scholar review, telling a little bit about their experiences.



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Technology Transfer Newsletter

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itre.ncsu.edu





We had a record 63 Road Scholars this year! It's great to see the commitment these cities and towns are making to develop their employees. Training keeps everyone safer on and off the roads and keeps employees up to date on the latest techniques and rules.

Town of Apex

Tony Richardson

City of Asheville

Brent Farlow

City of Charlotte

Billy Jackson
Nelson Krueger
Verlie Miller

Town of Benson

Jamie Fisher
Joshua Benjamin

Town of Cary

William Descourouez
Roy Garris

Town of Chapel Hill

Rayfield Stephens
Kenny Hardin
Jeremy Vaughn
Andy Colon
Rodney Carroll

City of Charlotte

Billy Jackson
Nelson Krueger
Verlie Miller

City of Concord

Robert Williams
Adam Culp
Chris Clemons
Matthew Springer
Edward Franklin
Jimmy Morgan

City of Creedmoor

Steve Edwards

City of Durham

John Robb
Town of Zebulon
Jared Blaylock

City of Eden

Patrick Willard
Danny O'Neal
Travis Hutchens

City of Greensboro

Jeremy Morgan
Damon Benjamin
Richard Norris
Alfonzo Thomas
James White
Fred Fillman
Brandon Welch
William Brown

City of Hickory

Tim Garrison
Caroline Kone

City of High Point

Shannon Turner

Town of Huntersville

Freddie Cornelius

City of Jacksonville

Jahmall Ma'ave-Kuewa

Town of Kernersville

Jacob Boyles
Joshua Levins
Jason Sapp
Eric Letson
Town of Mint Hill
Michael Smart

Town of Nags Head

Mike Norris
Kevin Kirsch
Jonathan King

City of Lexington

Matthew Hammonds
Joshua Hepler

City of Raleigh

Keith Harvey
Allan Nance

City of Salisbury

Adam Mowbray

City of Sanford

Robert Fowler
Sedric Dalrymple
Michael Wicker

City of Wilson

Ernest Davis
Christian Murray
Tommy Marshall
Blake Boykin
Ricky Brown
Kendell Stevens

Town of Wake Forest

Joseph Medlin



Get the Picture!

Can you tell what's wrong with this picture? Turn to page 5 to see what the problem is.

FHWA Safe Transportation for Every Pedestrian Program

The FHWA Safe Transportation for Every Pedestrian (STEP) program has developed a series of videos that demonstrate how to reduce crash risk for pedestrians crossing roadways. Each video highlights transportation officials describing how pedestrians and drivers use or interact at the crossing improvements. These brief videos explain the safety benefits of five countermeasures including:

- [Crosswalk visibility enhancements](#)
- [Refuge islands](#)
- [Raised crosswalks](#)
- [Pedestrian hybrid beacons](#)
- [Road diets](#)

These videos can be used in public meetings, conferences, or shared through social media to help educate pedestrians, drivers, and local decision-makers.

NCDOT Sends Millions in Powell Bill Funding to Local Municipalities

NCDOT Press Release, 9/27/2019

The N.C. Department of Transportation has begun distributing more than \$147.5 million in State Street-Aid to Municipalities, also known as the Powell Bill fund, to 508 cities and towns across the state. The initial allocation, almost \$73.8 million, was sent out today. The next allocation in the same amount will be paid by Dec. 31.

Powell Bill funds are to be used primarily for the resurfacing of streets within the corporate limits of the municipality but can also help pay for construction, improvements, repairs and maintenance of any street or public thoroughfare, including bridges, drainage systems, and curb and gutter, as well as the planning, construction and maintenance of bikeways, greenways or sidewalks.

"Funding provided through the Powell Bill helps cities and towns pay for needed repairs, maintenance and construction of their transportation network" said Transportation Secretary Jim Trogdon.

The number of municipalities, who have to apply to be considered for funds, receiving payments is the same as last year. The amount each municipality receives is based on a formula set by the N.C. General Assembly, with 75 percent of it based on population, and 25 percent based on the number of locally maintained street miles. This year that breaks down to \$110.7 million for population and \$36.8 million based on street miles. Based on those categories, that is \$19.35 per person and \$1,590.84 per mile.

Municipal officials are legally responsible for the proper management of these funds and can be held personally liable for any unauthorized expenditures.

Twenty-three cities are receiving at least \$1 million, led by Charlotte at \$20.5 million, based on its population of 852,992 and 2,523 miles of maintained roads. Raleigh will receive \$10.7 million, followed by Greensboro (\$7.3 million), Winston-Salem (\$6.3 million), Durham (\$6.3 million) and Fayetteville (\$5.2 million).

The fund is named for Junius K. Powell, a former state senator and mayor of Whiteville, who was a primary sponsor of the 1951 bill to help the state's cities with urban road problems. The first allocation of Powell Bill funds was for \$4.5 million and was distributed to 386 cities and towns.

A complete list of cities and towns receiving Powell Bill funds and the amounts, as well as additional information about the Powell Bill Program is on the NCDOT website.



Advanced Road Scholar Review Quotes

Josh Merritt – Greensboro

Trenching was probably my favorite class. I have done utility construction since I was high school and I have had experience in this area; however, having this class opened my eyes wider. There was a lot more I needed to know and learn especially, how deep to dig your hole, what's in the trench, what kind of gases are in the trench, and most importantly all the laws that you have follow when digging a trench.

Doug Beeson – Apex

When taking the ITRE classes we were taught about the minimum requirements that OSHA requires to be safe. We also were taught that we should always do more than the minimum requirement to stay safe for us and our employees. We are responsible for our own safety, and the others that work with us.

Justin Nichols – Wilson

This program is more than just learning from the instructor teaching, with the classes I have attended I have learnt a lot from the other students in the class as well. Also learning what the different municipalities do in their day to day work that can help with what we and the City of Wilson do, and help us be more effective in our job and services to the community.

Donald Smedes – Henderson

Hearing stories from the Instructor and other students and actually adding a couple of my own made me more willing to communicate safety procedure and set up on my jobs. Voicing my opinion on a safety issue, in my opinion, has on more than one occasion helped assure that we all "Go Home Safe at the end of the day". That's the ultimate message I get from the LTAP program.

Coleen Kinkade – Jacksonville

My most memorable class was How to Keep Yourself and Your Agency Out of Court. The information from this class opened my eyes to the liabilities involved with improper practices. The examples shared are overlooked by even the most experienced. Tort Liability is a serious matter not only for your organization but will impact your life if you become complacent while performing your craft.

Lamont Harrison – Greensboro

New Silica Standards was a class that hit home with me because I've been in the concrete business for over 30 years and really never knew that the dust from the concrete saw, drill and grinders affected us the way it does. After seeing the affect of silica and what it can do to your body it really makes you alert to having the right PPE for the crew as well as for yourself.

Darryl Brooks – Greensboro

Snow and Ice Control was a must for me. Even after 21 years of snow and ice removal, I still learned a lot from this NC LTAP class. The instructor clarified the science of putting salt on the roads, which was very helpful.

Tony Brown – Greensboro

Flagger Training has taught me the proper way to flag, for instance, you should never stand in the street while flagging. Always stay in contact with your flagging partner and stay in constant watch of traffic from all directions to keep smooth flow. Most important, Safety First Always!

Bryce Carter – Greensboro

Taking the Management Techniques for Experienced Supervisors gave me new insights as a supervisor. To be an effective leader you must have strong communication skills, as our employees vary in how they receive communication. We all have our moments together in the work place but this class helped explain how we resolve those conflicts as leaders desiring the end result of Win/Win.

Doug Denton – Greensboro

When discussing fall protection, I was made aware of the variety of D-rings and clasps available for fall prevention. I was not aware of the full-body fall protection harnesses being designed with such a variety of D-rings. It is important to select a harness suitable for the job assigned.

Fred Rowland – Greensboro

These classes have given me many tools to use when out at various job sites. Roadside landscaping and 10 hour OSHA are the two classes that stick out to me the most. Since I have become a street cleaning supervisor they have taught me how to keep my guys safe and how to be more proficient at what we do.

William Brown – Greensboro

The Work Zone Safety class instructor was extremely passionate about public and pedestrian safety. He related the topics to you on a personal level so you could relate to your loved ones navigating through work zones. I learnt so much about the different types of work zones and can apply that knowledge as an employee, but also as an everyday citizen driving down the road.

Joshua DeGraffenreid – Chapel Hill

Writing Skills has been a major highlight. I gained knowledge on how to effectively communicate through email and the many do's and don'ts when communicating with my peers and the public. With the right wording and format the communication line can be clearer and have an understanding of what is trying to be communicated.

Chad Dusenberry – Apex

Another class that I took great interest in was ADA in 2005. I was new to construction inspection so this class taught me a lot; not only with ADA standards, but why they existed. It definitely opened up my eyes to the importance of ADA requirements. Given the importance of liability in the inspection field, this class has given me the knowledge to make informed decisions in the field.

NC LTAP Roads Scholar Programs

The Roads Scholar, Advanced Roads Scholar, and Master Roads Scholar programs provide special training programs administered by North Carolina's Local Technical Assistance Program (NC LTAP) that allow local government agencies access to high quality training for their employees at a reasonable cost.

Check the LTAP website and training schedule for dates and locations.

<https://itre.ncsu.edu/focus/ltap/>

Resources for NC Crash Data

NORTH CAROLINA: 2017 TRAFFIC CRASH FACTS

<https://connect.ncdot.gov/business/DMV/DMV%20Documents/2017%20Crash%20Facts.pdf>

Crash Data and Maps

Crash data, organized by type, ranking, overall cost, and maps and other resources for analysis.

<https://connect.ncdot.gov/resources/safety/Pages/Crash-Data.aspx>



Get The Picture!

by Timothy B. Baughman, PE

ITRE's Highway Operations and Safety Manager

You'll probably note the obvious – the sign is upside down! However, there are two more points to the story.

This sign is warning of a left lane closure. I guess they didn't have a left lane ends transition symbol sign, so they took this right lane ends sign and turned it upside down. The other thing is that this was done by a professional organization that provides work zone area protection services!

If you have any questions about worker safety and work zone traffic control, give me a call at (919) 515-8654, or e-mail me at tbb@ncsu.edu. TB

Innovative Interseccion Opens in Huntersville

North Carolina's first continuous flow intersection in Huntersville at NC 16 and Huntersville Road opened Friday, October 18th.

Drivers will enter the left turn lane and come to a traffic signal about 500 feet from the intersection. Once it turns green, drivers will cross the opposing lanes of N.C. 16 before arriving at a second traffic signal to continue left.



NC LTAP News & Updates

To update your mail information, add a colleague to the database, or obtain information about Roads Scholar Program fax this sheet to 919-515-8897 or complete online at go.ncsu.edu/NCLTAPcontact.



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Your Name _____

Company/Organization _____

Address _____

City _____ **State** _____ **Zip** _____

Phone _____

Fax _____

Email _____

Check Appropriate Items

Add/Update email information to NCLTAP listserv NCTROADS

Send information about Roads Scholar program

Send schedule of training opportunities

NCTROADS Listserv

Subscribe to the NC LTAP listserv. It is free and easy. Send a message to linda_collier@ncsu.edu and ask to be added to NCTROADS.

This is an informal network for the exchange of news about current research, discussion of problems and solutions, request for advice and assistance, and announcements of upcoming conferences, events and training opportunities for transportation personnel. Once you are subscribed, you can send a message all the listserv members at NCTROADS@lists.ncsu.edu

NC Local Technical Assistance Program 2019 Schedule

Questions or Email Registration: kbdaviso@ncsu.edu

For Online Registration: itre.ncsu.edu/training/ltap-training/

Date	Class Title	RS/ ARS/ MRS	Cost	Location	To Sign Up
November 5, 2019	Basic Work Zone Installer Safety	RS	\$125.00	Nags Head	Click Here
November 6, 2019	Intermediate Work Zone Safety	RS	\$150.00	Nags Head	Click Here
November 6, 2019	Snow and Ice Training	RS	\$150.00	Raleigh	Click Here
November 7, 2019	Flagger Training	RS	\$90.00	Nags Head	Click Here
November 13-14, 2019	OSHA 10 Hour	ARS	\$175.00	Raleigh	Click Here
November 19, 2019	Road Safety 365	RS	\$125.00	Raleigh	Click Here
November 19, 2019	Excavation Safety	RS	\$125.00	Mooresville	Click Here
November 20, 2019	Reducing Rural Road Departure Crashes	ARS	\$125.00	Raleigh	Click Here
November 21, 2019	Road Safety 365	RS	\$125.00	Charlotte	Click Here
November 21, 2019	Soils Fundamentals	RS	\$125.00	Raleigh	Click Here
November 22, 2019	Reducing Rural Road Departure Crashes	ARS	\$125.00	Charlotte	Click Here
December 9, 2019	Basic Work Zone Installer Safety	ARS	\$150.00	Raleigh	Click Here
December 10, 2019	Intermediate Work Zone Safety	ARS	\$150.00	Charlotte	Click Here
December 11-13 2019	Work Zone Supervisor Traffic Control (full)	ARS	\$425.00	Raleigh	Click Here
December 16, 2019	Flagging Instructor Training Recertification	ARS	\$150.00	Raleigh	Click Here
December 17-18 2019	Flagging Instructor Training	ARS	\$225.00	Raleigh	Click Here
December 19, 2019	Flagger Training	RS	\$90.00	Raleigh	Click Here
Happy Holidays!					

LTAP Links on the Web

Transportation Information at your fingertips!

NC LTAP	https://itre.ncsu.edu/focus/ltap/
National LTAP/TTAP	http://www.nltapa.org/
NC Department of Transportation (NCDOT)	https://www.ncdot.gov/
Federal Highway Administration (FHWA)	https://www.fhwa.dot.gov/
US Department of Transportation (USDOT)	https://www.transportation.gov/
UNC School of Government	https://www.sog.unc.edu/
Institute of Transportation Engineers	http://www.ite.org/
NC Section of ITE (NCSITE)	http://ncsite.org/
APWA - NC Chapter	http://northcarolina.apwa.net/
NLTAPA Tailgate Talks	http://www.nltapa.org/articles/nltapa-tailgate-talks



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NC LTAP Advisory Board

Derrick Bunn (<i>City of Wilson</i>)	Mike Mabe (<i>City of Greensboro</i>)
David Deel (<i>City of Greensboro</i>)	Ken Martin (<i>City of Charlotte - Retired</i>)
Joe Geigle (<i>FHWA</i>)	Neil Mastin (<i>NCDOT</i>)
Magda Holloway (<i>Town of Wake Forest</i>)	Jeff McGee (<i>S.T. Wooten</i>)
Mustan Kadibhai (<i>NCDOT</i>)	Emily McGraw (<i>NCDOT</i>)
Eric Keravuori (<i>Summit Engineering</i>)	Edward T. Parker (<i>FHWA/NCDOT</i>)
Eric Lamb (<i>City of Raleigh</i>)	Eddie Staley (<i>WithersRavenel</i>)

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