



Commissioner Gary Fickes • Tarrant County • Precinct 3

9th Annual Northeast Tarrant Transportation Summit

February 16, 2018

The Future of Transportation is Looking Up ↑



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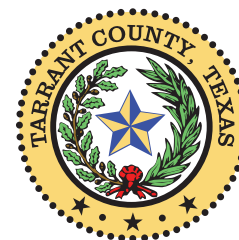


COMMISSIONER'S NOTE



Commissioner Gary Fickes

Tarrant County • Precinct 3



Thank you for attending our 9th Annual Northeast Tarrant Transportation Summit. This event has become one of the largest transportation events in Texas and provides an outlet for ongoing dialogue and proposed solutions to our most pressing transportation problems. It also provides business owners, community leaders and citizens across the region an opportunity to learn more about infrastructure, mobility and industry innovation on important transportation projects in the area.

Today, we are truly starting to see the fruits of our labor. These projects have already transformed our area and increased mobility for everyone, but there is still work that needs to be done. Our region continues to grow, and with our transportation system only as strong as the connectivity it provides, it is of utmost importance that we complete I-35W without delay. The first two segments of that project will be complete by year's end and after that, we'll just have the final stretch between U.S. 287 and AllianceTexas to complete.

We are all aware that building and expanding roads, while a major factor in reducing congestion, are just one piece of the puzzle in keeping up with the growth of our region. As one of the fastest-growing regions in the country, we must consider other options. It's imperative that we stay at the forefront of the transportation dialogue. Our summit, whose theme is, "The Future of Transportation is Looking Up," will take a closer look at some of the more interesting transportation technologies that made headlines in 2017. It's truly amazing that so much of this technology is being launched from right here in North Texas!

From electric car technology to autonomous vehicles — and Smart City landscapes — our distinguished panelists and moderators will explore those technologies in greater detail. Our special guest speaker, Nathan Roth with Virgin's Hyperloop One, will give us a glimpse of a fascinating mobility system that is set to change transportation and our everyday lives. Our keynote speaker, Bell Helicopter's Bob Hastings, will wrap up the program with a discussion about the transformative things happening at Bell Helicopter — one of our region's leading employers and a key player in aerospace transportation innovation.

We are very fortunate to live in an area where technology and innovation not only flourish, but are encouraged. I hope everyone learns something new today about all the exciting, up-and-coming technologies in transportation. Enjoy the day's presentations and thank you for your support!

A stylized blue ink signature of Gary Fickes.

Gary Fickes

County Commissioner

AGENDA

7:55 a.m. **WELCOME: COMMISSIONER GARY FICKES**

8 – 8:45 a.m. **SESSION #1**
THE FUTURE OF SMART CITIES IN AMERICA

Moderator: *Alan Greer, Senior Vice President, Freese and Nichols, Inc.*

Speakers:

- *Kristie Chin – Director of Civic Innovation, Texas Innovation Alliance*
- *Stephen Coulston – Principal, Perkins+Will*
- *Steven Duong – Associate Vice President of Design + Planning, AECOM*

This panel will explore how Smart City development is integrating communication technology into everything from our transportation infrastructure to city libraries, schools, hospitals and power plants.

8:45 – 9 a.m. **BREAK**

9 – 9:45 a.m. **SESSION #2**
THE SKY'S THE LIMIT... OR IS IT?

Moderator: *Russell Laughlin, Executive Vice President, Hillwood*

Speakers:

- *Al Brunner – Aviation Safety Inspector, Federal Aviation Administration*
- *Scott Drennan – Director of Innovation, Bell Helicopter*
- *Stan Swaintek – Head of Operations for Aviation Programs, Uber*

This panel will provide an overview of the future of air travel and how technology, such as drones, continues to revolutionize how we travel and how products are delivered to homes and offices.

9:45 – 10 a.m. **BREAK**



10 – 10:45 a.m.

SESSION #3

NOBODY'S KILLED THE ELECTRIC CAR... AND NOW IT'S DRIVING ITSELF!

Moderator: *Robert Hinkle, Director of Corporate Affairs, NTE Mobility Partners*

Speakers:

- *Ann Foss – Principal Planner for the Department of Community Development and Planning, City of Arlington*
- *Jon Walker – Transportation Policy Manager, Lyft*
- *Tom Bamonte – Senior Program Manager, NCTCOG*

This panel will focus on the evolution of autonomous vehicles, including electric cars, how electric cars will communicate with each other and what impact we'll see globally, nationally and locally.

10:45 – 11 a.m.

BREAK

11 – 11:45 a.m.

SPECIAL GUEST SPEAKER

Nathan Roth, Assistant General Counsel, Virgin Hyperloop One

Nathan Roth presents on Virgin Hyperloop One, its footprint in Texas and how the technology works.

11:45 – 12:15 p.m.

LUNCHEON

Welcome – *Commissioner Gary Fickes, Tarrant County*

Invocation – *Senator Kelly Hancock, District 9*

Pledge of Allegiance – *Council Member Kathryn Wilemon, City of Arlington*

Sponsor Recognition

Updates

12:30 p.m.

KEYNOTE SPEAKER

Robert T. Hastings, Jr., Executive Vice President, Strategic Communications, and Chief of Staff, Bell Helicopter

Robert T. Hastings, Jr., presents on Bell Helicopter's evolving business model, innovation in the helicopter industry and how it will impact the North Texas region.

Closing Remarks:

Commissioner Gary Fickes, Tarrant County

KEYNOTE SPEAKER



Robert T. Hastings, Jr., Keynote Speaker

*Executive Vice President, Strategic Communications, and Chief of Staff,
Bell Helicopter*

Robert T. Hastings, Jr., was named Executive Vice President, Strategic Communications, and Chief of Staff for Bell Helicopter in May 2010. In this role, he leads the company's internal and external communications, marketing communications, branding, corporate giving, and community and public affairs. Hastings joined Bell Helicopter from Northrop Grumman where he served as Vice President of Communications for the Information Systems Sector, a \$10 billion global information systems and technology business serving both military and commercial customers. Prior to his tenure at Northrop Grumman, he served in the Bush Administration as Assistant Secretary of Defense for Public Affairs. As the senior public affairs official and spokesman for the U.S. Department of Defense, he was the principal staff advisor to the Secretary of Defense and senior Administration officials for all strategic communications, leading a worldwide public affairs community of approximately 4,000 military and civilian personnel.

SPECIAL GUEST SPEAKER



Nathan Roth, Special Guest Speaker

Assistant General Counsel, Virgin Hyperloop One

Nathan Roth is Assistant General Counsel for Virgin Hyperloop One, overseeing legal matters relating to hyperloop transportation project development and financing, as well as strategic partnerships. Prior to joining Virgin Hyperloop One, he practiced at international law firms for 13 years, most recently in the Major Projects group of Baker & McKenzie. Roth has extensive experience in developing and financing major infrastructure and energy projects. A native Texan, Roth graduated from the University of Texas at Austin.

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TODAY'S GUESTS



Alan Greer

Senior Vice President, Freese and Nichols, Inc.
Fort Worth, TX

Alan Greer is a Senior Vice President and Chief Business Development Officer-Infrastructure with Freese and Nichols, Inc. (FNI), a 700-person, full-service engineering, architecture and planning firm with 13 offices across Texas and in Oklahoma, North Carolina and Georgia. In his current role, he oversees company-wide business development for the Transportation, Aviation, Ports, Urban Planning+Design, Stormwater, Program Management, Energy and Facilities practices. He is responsible for expanding the company's infrastructure services throughout Texas and the Southeast United States. Greer also leads FNI's involvement in the Texas Bullet Train project proposed to run from the DFW Metroplex to Houston. He specializes in municipal engineering, civil infrastructure planning and design, project funding, and public involvement. Greer earned a bachelor's degree in civil engineering from Texas Tech University.



Kristie Chin

Director of Civic Innovation, Texas Innovation Alliance
Austin, TX

Kristie Chin recently earned her Ph.D. at the University of Texas at Austin for her work in smart cities and is leading the Texas Innovation Alliance — a network of local, regional and state agencies as well as research institutions who are advancing mobility and innovation for communities throughout Texas. She also supports the Texas Technology Task Force, a strategic advisory group that makes recommendations to TxDOT on emerging technologies and their roles in future transportation systems. Chin graduated from Brown University with a bachelor's degree in civil engineering and earned her master's degree in architecture from the University of Notre Dame.

TODAY'S GUESTS



Stephen Coulston

Principal, Perkins+Will
Austin, TX

Stephen Coulston is an architect and campus planner in the Austin office of global architecture and design firm Perkins+Will. He has spent 25 years working with higher education, healthcare and institutional clients on projects ranging from complex, multi-million dollar building projects to long-range strategic master plans. His focus on strategic systems and approaches influences clients' management processes, capital investments and long-term operations. Coulston leverages skill sets of institutional organizations, communities and businesses in a way that fosters creativity, dialogue and newfound opportunities for success through transformation and a focus on actionable outcomes.



Steven Duong

Associate Vice President of Design + Planning, AECOM
Dallas, TX

Steven Duong, AICP is an Associate Vice President with AECOM for the firm's Design + Planning practice in Texas. He has led a wide variety of projects, most recently serving as the lead consultant for the City of Dallas' 100 Resilient Cities plan and the Texas Hyperloop proposal. His focus is on urban resilience, future mobility and master planning. Duong also serves as the Director of the North Central Texas Chapter of the American Planning Association, is a professor with UTA's College of Planning and Landscape Architecture, and was identified as a Top 20 Under 40 Young Professional for *Engineering News-Record* and as Urban Pioneer of the Year by the Greater Dallas Planning Council in 2017. He graduated from Virginia Tech with bachelor's degrees in urban planning and landscape architecture and from the University of Texas at Arlington with a master's degree in city and regional planning.



Russell Laughlin

Executive Vice President, Hillwood
Fort Worth, TX

Russell Laughlin serves as Executive Vice President of Hillwood and oversees the management, operation, land and infrastructure planning, and entitlements of AllianceTexas, a 26,000-acre, mixed-use, master-planned community. He has been instrumental in the development of AllianceTexas and the North Fort Worth and Tarrant County areas, leading long-term regional planning initiatives. In addition to his core Alliance responsibilities, Laughlin is actively involved in all development activities related to Frisco Station. Frisco Station is a 242-acre, high-density, mixed-use community located in Frisco, Texas, along the Dallas North Tollway.



Al Brunner

Aviation Safety Inspector, Federal Aviation Administration
Keller, TX

Al Brunner is an Aviation Safety Inspector for the Federal Aviation Administration (FAA), Flight Standards Service, General Aviation and Commercial Division, Airman Certification and Training Branch. He joined the FAA in 2010 as one of the initial cadre of Unmanned Aircraft Systems (UAS) Inspectors. As an Inspector, Brunner primarily focuses on integrating UAS into the National Airspace System (NAS), which includes a variety of duties ranging from policy formation and risk mitigation for Certificates of Authorization, to public relations. He is also a point of contact for field personnel and supports policy and procedures for UAS oversight and compliance of UAS operations in the NAS. He is a retired Air Force Lieutenant Colonel, having served 26 years as a pilot and engineer. Brunner has a bachelor's degree in aerospace engineering from Texas A&M University and a master's degree in aeronautical sciences from Embry-Riddle University.

TODAY'S GUESTS



Scott Drennan

Director of Innovation, Bell Helicopter
Fort Worth, TX

Scott Drennan serves as Director of Bell's newly formulated innovation team at Bell Helicopter. He joined Bell Helicopter in 1993 as an airframe structural analyst on the V-22 EMD program. His career in structures, as both a direct employee and contractor for Bell, focused mainly on tiltrotors. In addition, he worked on many of Bell's helicopter programs, such as the M407, M427 and M429, and received his first taste of pure research work during a two-year assignment on the Advanced Airframe Structures team, where he contributed to the Composites Affordability Initiative sponsored by Wright Patterson Research Lab in Dayton, Ohio. Drennan joined the ranks of Bell's engineering management team in 2011 while in the middle of an eight-year assignment in Italy supporting the Leonardo-Bell partnership on the 609 program. He earned a bachelor's degree in aerospace engineering from the University of Maryland and a master's degree in liberal arts from Southern Methodist University.



Stan Swaintek

Head of Operations for Aviation Programs, Uber
San Francisco, CA

Stan Swaintek is the Head of Operations for Aviation Programs at Uber. He is a military veteran and aviation operations expert with 14 years of service in the U.S. Army as an officer, helicopter pilot and operational planner. During his military career, Swaintek served as a Night Stalker in the 160th Special Operations Aviation Regiment, was deployed nine times and was recognized for both leadership and valor in combat. He is a tested leader with a proven track record of delivering innovative solutions to seemingly impossible aviation challenges. Before joining Uber, Swaintek worked in strategy and operations at Flextronics and co-founded a decision analytics software company. His education includes a bachelor's degree in engineering management from West Point and a master's degree in business administration from Wharton.



Robert Hinkle

Director of Corporate Affairs, NTE Mobility Partners
North Richland Hills, TX

Robert Hinkle is the Director of Corporate Affairs for NTE Mobility Partners LLC & LBJ Infrastructure Group LLC. He oversees the day-to-day management and operations of government, media and public relations, public affairs, and the implementation of stakeholder communications and community outreach for the NTE, 35W and LBJ Express infrastructure projects in North Texas. He has worked with corporations and governments throughout the U.S. and around the world on strategic, crisis and litigation communications in the transportation, oil and gas, mining, healthcare, security, power generation, financial and defense industries. Hinkle earned a bachelor's degree in liberal and fine arts, with a major in broadcast communications and marketing, from Texas A&M University-Commerce.



Ann Foss

Principal Planner for the Department of Community Development and Planning, City of Arlington
Arlington, TX

Ann Foss has been with the City of Arlington since 2016 and currently serves as the Principal Planner for the Department of Community Development and Planning. As Principal Planner, she performs comprehensive planning for the City and is heavily involved in transportation planning. Foss works to secure grant funding and pilot new technologies, including autonomous vehicles and demand response ride sharing. She is also responsible for managing the Arlington Urban Design Center, a collaboration between the City of Arlington and the University of Texas at Arlington, that aims to create public awareness about the importance of urban design and its impact on the quality of life, environment and economic investment of a community. Foss holds a bachelor's degree in anthropology and environmental science from Haverford College, a master's degree in urban planning from Columbia University and a Ph.D. in urban planning and public policy from the University of Texas at Arlington.

TODAY'S GUESTS



Jon Walker

Transportation Policy Manager, Lyft
Denver, CO

Jon Walker is the Transportation Policy Manager for Lyft. Externally, he works closely with city and state transportation stakeholders to find mutually beneficial solutions to mobility and environmental issues. Walker is particularly focused on advanced city design, electric vehicles and autonomous vehicles and how these three fields in concert can remake our cities. Internally, he works with Lyft's research, operations and product teams to help design and deploy new products, strategies and services that meet the needs of cities and their residents. Most recently, Walker was a manager at Rocky Mountain Institute (RMI) in Colorado where he ran RMI's autonomous and electric vehicles program. He earned a bachelor's degree in mechanical engineering from Northwestern University and a master's degree in energy systems engineering from the University of Michigan.



Tom Bamonte

Senior Program Manager, NCTCOG
Arlington, TX

Tom Bamonte is Senior Program Manager for Automated Vehicles for the North Central Texas Council of Governments (NCTCOG). At NCTCOG, he works on automated vehicle pilot programs, the regional data infrastructure for automated vehicles and related transportation technology and planning issues. Before joining NCTCOG, he served in senior legal positions at the Chicago Transit Authority and toll highway authorities in Illinois and Texas. A graduate of the University of Chicago and Northwestern University School of Law, Bamonte was in private practice for a decade before spending the rest of his career in the public sector.

NORTHEAST TRANSPORTATION AGENCIES

Transportation for Seniors, Disabled and Low-Income

Call A Ride Southlake (CARS)

CARS provides service for senior citizens and disabled adults in Southlake for medical purposes within a 25-mile radius of Southlake and a 7-mile radius for medical, dental, social, business and personal needs. Services are provided by volunteers who supply their own vehicle, time and gas.

CARS was established in 2000. | 817-798-4022 | www.callaridesouthlake.org



HEB Transit

HEB Transit provides transportation for disadvantaged people in Hurst, Euless and Bedford and access to employment destinations within those cities and the Hurst/Bell and CentrePort/DFW Airport Trinity Railway Express (TRE) stations. Services are provided by Catholic Charities.

HEB Transit was established in 2006. | 817-336-8714 | www.catholiccharitiesfortworth.org

Mid-Cities Care Corps (MCCC)

MCCC's mission is to preserve the independence of senior neighbors in Northeast Tarrant County by providing transportation (for routine medical), Helping Hands projects and social outreach to break isolation for senior citizens age 65+.

MCCC was established in 1981. | 817-282-0531 | www.midcitiescarecorps.org



Northeast Transportation Service (NETS)

NETS provides transportation services to older adults (55 years of age or older) and individuals with disabilities in Northeast Tarrant County for medical, work, social services, senior centers, education and shopping. Services are provided by both the Fort Worth Transportation Authority and Catholic Charities.

NETS was established in 2002. | 817-336-8714 | www.ridenets.com

Social Transportation for Seniors (STS)

STS provides non-emergency round trip transportation for seniors 62 years and better in North Richland Hills for leisure and social activities with the purpose of re-engaging isolated seniors back into the community. Services are provided within a 7-mile radius by volunteers.

STS was established in 2009. | 817-514-0773 | www.stsrides.org



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A LOOK BACK AT LAST YEAR'S SUMMIT



NOTES

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