



DESIGNING CITIES 2017

CHICAGO



OCT 30TH – NOV 2ND



Welcome to the 6th Annual NACTO Designing Cities Conference!

NACTO is a space for us to collaborate with peers, celebrate successes, and commiserate about challenges. Without question, this October, this space is more important than ever. The landscape we face in 2017 demands the clear-eyed vision and grounded pragmatism that distinguishes NACTO cities. We have major headwinds and opportunities ahead of us: from autonomous vehicle design and regulation to a soaring number of national traffic fatalities – 37,461 people killed in 2016 – that continue to serve as a sobering reminder of the urgency of our work.

We know from experience the power of our shared strength. We're all here together in Chicago because we care deeply about safe streets, about vibrant public space, and about equitable and sustainable cities. And the work that we're all doing to make public spaces welcoming and streets accessible to everyone – in cities across the country and world – is beyond measure. From Atlanta to Nashville to Pittsburgh, cities are investing in reliable transit and sustainable transportation, recognizing that physical mobility determines economic and social mobility, and well-designed streets comprise the social fabric of urban places.

Streets are important, and not just to us. This past year, we've been reminded anew of the fundamental importance of streets as places of public discourse and civic engagement. From the 4 million people who joined the Women's March in cities from DC to Denver to Detroit, to the thousands of people participating in CicLAvia in a demonstration of community and joy in my own town of Los Angeles – streets play a central role in our cities. For years, NACTO has been changing the conversation about city transportation, and now we have even more urgency behind this movement.

For years, NACTO has been changing the conversation about city transportation, and now we have even more urgency behind this movement.

And our ranks are growing! I'm thrilled to welcome the 13 new cities and transit agencies that have joined the NACTO network in the past year – from Charleston to Orlando, we welcome you. This week in Chicago, let us all put our heads and hearts together in our shared commitment to better streets and more equitable, inclusive, and sustainable cities. The Designing Cities conference is the incredible space that it is because we all make it so. Please join me in welcoming each other, in meeting new peers from other cities, and in raising our shared bar for people-focused transportation. Let's do good work!

Seleta Reynolds
NACTO President

General Manager, Los Angeles Department of Transportation



“It’s not enough just to add autonomous technology and the latest software to modernize transportation in cities. We must also update the hardware of streets, reclaiming and redesigning asphalt for people and taking advantage of the new mobility choices that technology offers.”

*Janette Sadik-Khan
Principal, Bloomberg Associates
NACTO Chair*

The Windy City. A City of Neighborhoods. The Second City. Chicago has many names and identities and this year we are proud to add Host City for the 2017 NACTO Designing Cities Conference.

With over 2.7 million residents living in more than 200 neighborhoods, and as the anchor of the northeastern Illinois region with over 9 million residents, Chicago is fortunate to have a true multi-modal transportation system – one with incredible advantages as well as tremendous challenges. However our residents and visitors choose to get around – walking, biking, transit, or private vehicle – we strive to give everyone good choices that make their trips safe, efficient, and enjoyable.

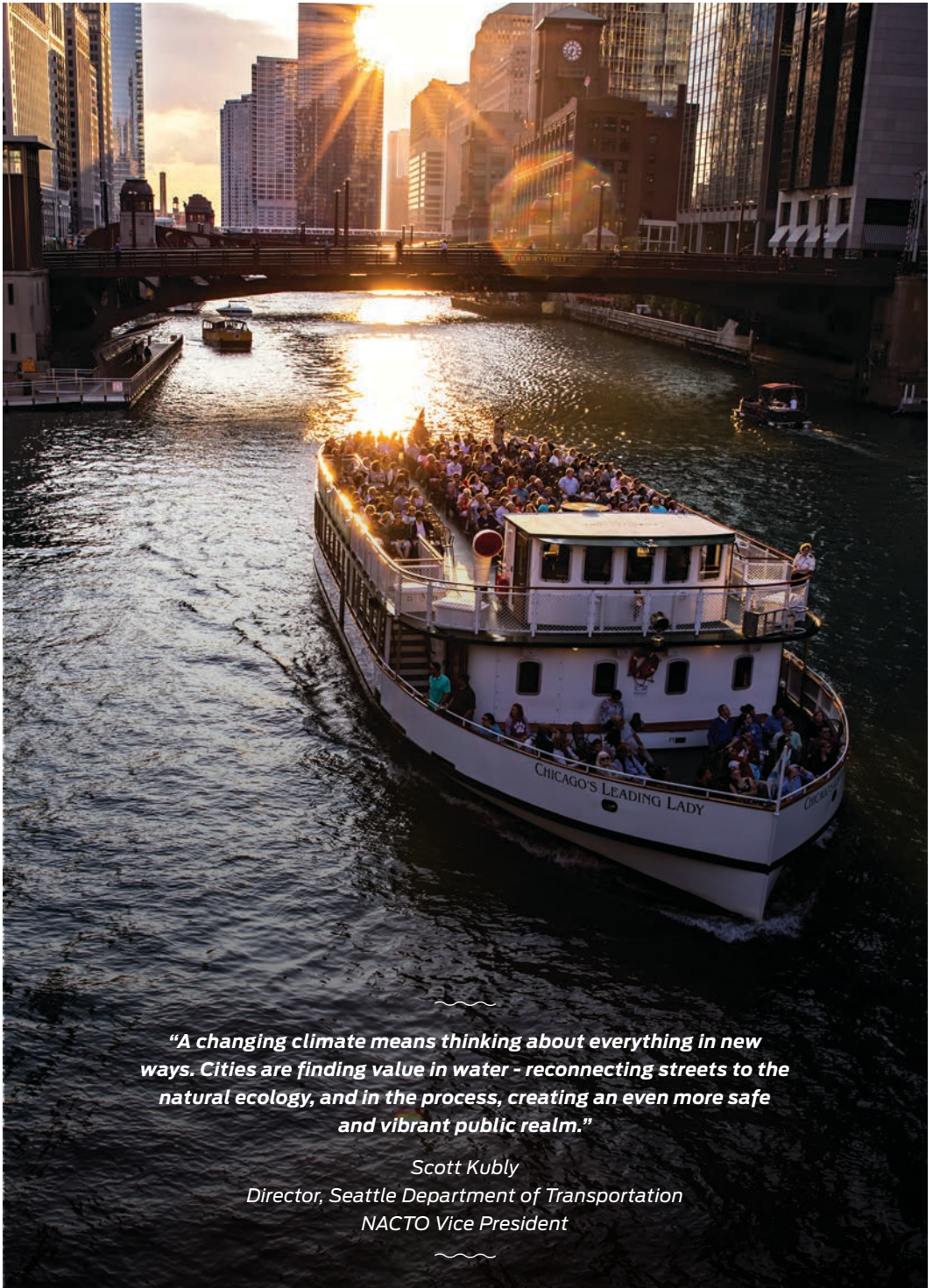
That's what Designing Cities is about—learning from one another as we reimagine our streets and public spaces to create equitable, safe, and vibrant cities.

During your visit, we hope you will experience some of the transformative transportation investments made under the leadership of Mayor Rahm Emanuel. Take a ride on the Loop Link, our new BRT corridor, a stroll along our new Riverwalk, or ride a Divvy in our network of protected bike lanes, which recently earned Chicago the #1 ranking in Bicycling Magazine's list of the most bike-friendly cities in the U.S. We also hope you find time to explore some of Chicago's iconic neighborhoods. Take the CTA "L" or bus system to see the Argyle shared street in Uptown, the new 35th Street bridge to the south lakefront in Bronzeville, or the 606, a raised linear park and trail that passes through Bucktown, Wicker Park, Logan Square, and Humboldt Park. If you are coming to Monday evening's opening reception in the Fulton Market neighborhood, I recommend catching the "L" at our new Washington-Wabash station. Opened on August 31, this stunning new gateway to Millennium Park serves 5 CTA train lines and replaced two, 120 year old stations.

During your time in Chicago, we ask that you experience our transportation system, our streets, and our public spaces not just as a tourist, but as a transportation professional. We want to hear from you about what you like and where we need to do more work to get it right. That's what Designing Cities is about—learning from one another as we reimagine our streets and public spaces to create equitable, safe, and vibrant cities.

Welcome to Chicago!

Rebekah Scheinfeld
Commissioner, Chicago Department of Transportation



“A changing climate means thinking about everything in new ways. Cities are finding value in water - reconnecting streets to the natural ecology, and in the process, creating an even more safe and vibrant public realm.”

*Scott Kubly
Director, Seattle Department of Transportation
NACTO Vice President*

DEAR NACTO,

Chicago is a City on the move, constantly reinventing and rebuilding itself to respond to changing times and changing needs. We are proud NACTO has chosen Chicago as host City for the 2017 Designing Cities Conference at this exciting time in our history – a time when we are in the midst of a major effort to rebuild our City for success in the 21st Century. As an organization on the forefront of transportation innovation and advancement, NACTO is a perfect partner for the City of Chicago and our other great cities as we rebuild, restore and reimagine our transportation networks to make them sustainable for the long haul.

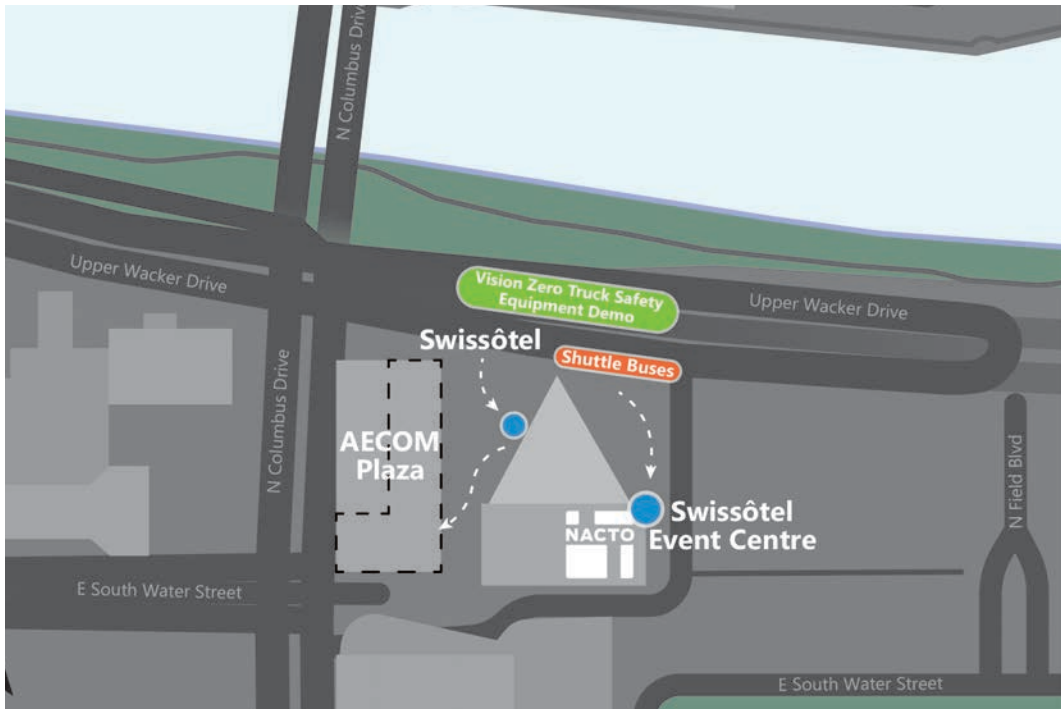
While you are here, I hope you take the time to see how we are building on the legacy of Daniel Burnham, from the lakefront to the riverfront, up and down the spine of Chicago. I urge you to explore Chicago by taking full advantage of our world class transit system, including the newest

Chicago is a City on the move, constantly inventing and rebuilding itself.

part of it, our Divvy bike share program. By getting to know our people and by visiting and experiencing our vibrant neighborhoods, you will come to understand why we are so passionate about Chicago and the bright future we see in front of us. We hope to inspire you to take home some of our ideas and see how

you can adapt and adopt them to your needs; at the same time, in the spirit of the peer-to-peer exchange championed by NACTO, we hope you inspire us with your ideas and solutions. We want to make the most of this opportunity to learn from each other so we can continue to invest in our futures and provide our residents, businesses and visitors with the modern, sustainable transportation system we all need to deliver success and opportunity for our future generations.

Rahm Emanuel
Mayor, City of Chicago



The 2017 Designing Cities Conference takes place at the **Swissôtel Chicago**, at the confluence of the Chicago River and Lake Michigan, and adjacent to Millennium Park and the Chicago Loop.

**323 East Upper Wacker Drive
Chicago, IL 60601**

The CTA Blue Line connects directly to O’Hare International Airport, and the CTA Orange Line connects directly to Midway International Airport. Both lines are about a 10 minute walk from the Swissôtel.

Thank you to the sponsors of NACTO Designing Cities 2017!



MON 10/30

7:30AM–12:30PM

Workshops & Working Meetings

Pre-registration required

9:00AM–1:00PM

Vision Zero Cities Focus Meeting

Invitation Only

1:00PM LOWER LEVEL

Registration Opens

2:30PM–3:45PM ZURICH (LOWER LEVEL)

Opening Plenary

Welcome Remarks

Linda Bailey *NACTO Executive Director*

Janette Sadik-Khan *NACTO Chair*

Mobility in Chicago

Rebekah Scheinfeld *Commissioner, Chicago DOT*

Dorval Carter *President, CTA*

Michelle Woods *Chicago DOT*

Leading Cities into the Future

Seleta Reynolds *NACTO President*

Philip A. Washington *CEO, LA Metro*

4:00PM–5:30PM UPPER LEVEL

Breakout Sessions

7:00PM–9:00PM FULTON MARKET KITCHEN

Opening Reception

TUES 10/31

6:30AM HOTEL LOBBY

Fun Run

7:30AM LOWER LEVEL

Breakfast & Registration

8:00AM–8:45AM ZURICH (LOWER LEVEL)

Morning Plenary

Rahm Emanuel *Mayor of Chicago*

Erin L. Aleman *Illinois DOT*

9:00AM–10:30AM UPPER LEVEL

Breakout Sessions

10:45AM–12:15PM UPPER LEVEL

Breakout Sessions

12:15PM–1:15PM ZURICH (LOWER LEVEL)

Lunch Keynote

Peter Norton *Author and Historian*

1:30PM–4:30PM VARIOUS MEETING LOCATIONS

WalkShops

4:30PM–5:30PM ZURICH (LOWER LEVEL)

Meet the Cities

WED 00/0

6:30AM HOTEL LOBBY

Fun Run

7:30AM–8:45AM LOWER LEVEL

Breakfast & Registration

NACTO Camp Breakfast

9:00AM–12:00PM UPPER LEVEL

WalkShops

11:00AM–2:00PM EAST WACKER DRIVE

Truck Safety Equipment Demo

12:00PM–1:00PM ZURICH (LOWER LEVEL)

Lunch

12:00PM–3:00PM

Committee Meetings

1:00PM–2:00PM ZURICH (LOWER LEVEL)

Seeing Is Believing: Experiencing the Street Renaissance

Skye Duncan *NACTO GDCI*

Clarence Eckerson *Streetfilms*

Chris Bruntlett *Modacity*

Ed Solis *City of San Jose*

Kris Carter *City of Boston*

Ankita Chachra *NACTO Global Designing Cities Initiative*

Ronnie Matthew Harris *Go Bronzeville*

2:00PM–2:45PM ZURICH (LOWER LEVEL)

Live Podcast: Third Wave Urbanism

Katrina Johnston-Zimmerman *THINK.urban*

Kristen E. Jeffers *The Black Urbanist*

Skye Duncan *NACTO Global Designing Cities Initiative*

3:00PM–4:30PM UPPER LEVEL

Breakout Sessions

4:30PM–5:15PM ZURICH (LOWER LEVEL)

Closing Keynote

Christophe Najdovski *Paris*

5:15PM–5:30PM ZURICH (LOWER LEVEL)

Crowning of the Next NACTO City

THURS 00/2

9:00AM–1:30PM

WalkShops

Wednesday Committee Meetings

7:45-9:00AM

Transit Working Group

12:00-1:00PM

Affiliate Members Meeting

12:00-2:30PM

Cities for Cycling Committee Meeting

1:30-2:45PM

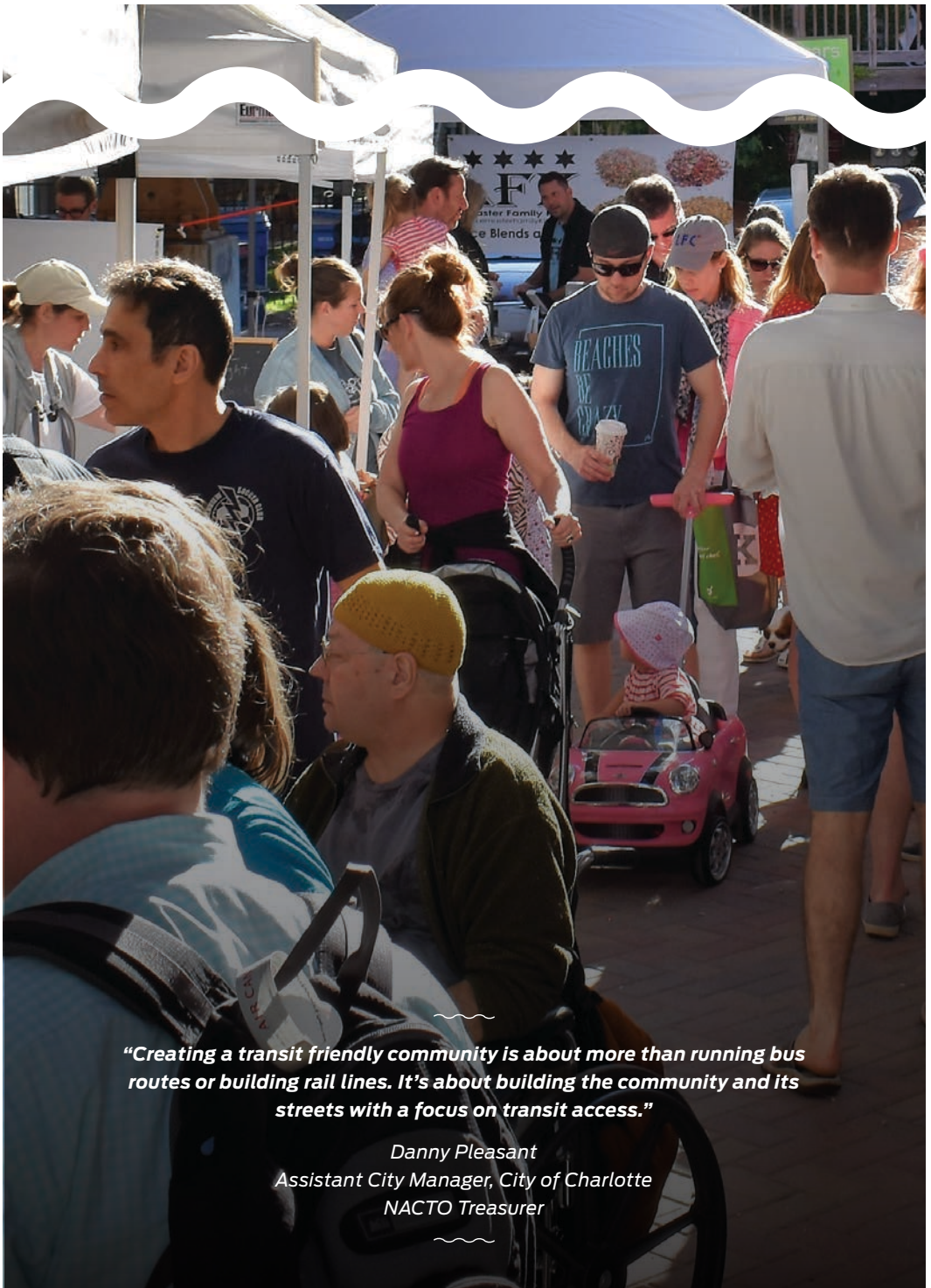
Urban Street Design Committee Meeting

1:00-2:30

Safer Trucks & Buses: NACTO/Volpe Working Group

1:00-2:00

TRB Major Cities Committee Meeting



“Creating a transit friendly community is about more than running bus routes or building rail lines. It’s about building the community and its streets with a focus on transit access.”

*Danny Pleasant
Assistant City Manager, City of Charlotte
NACTO Treasurer*



MON

DAY



MONDAY

Workshops & Working Meetings

7:30AM–12:00PM MONTREAUX 1

NACTO Urban Bikeway Design Guide Training

Learn from national leader Joe Gilpin (contributor to the original NACTO Urban Bikeway Design Guide) and Tim Gustafson in a special bikeway training session to kick off Designing Cities. Whether you have never cracked open the guide, or are seeking to learn the latest, this soup-to-nuts training will start at the basics of bikeway design and finish at emerging practice, including the protected intersection. The training will have a 'hands-on' focus and will include two applied design exercises including a cross-sectional change exercise and a protected intersection design exercise.

Those encouraged to attend include municipal and state planning and engineering staff, consultants, advocates, and anyone seeking to expand their design toolbox and vocabulary for better on-street bikeways.

Pre-registration required; includes breakfast and a copy of the NACTO Urban Bikeway Design Guide

4.0 credit hours

Joe Gilpin *Vice President, Alta*

Tim Gustafson *Senior Associate, Alta*

8:00AM–11:00AM VEVEY 4

Workshop: Redesigning Major Arterials for Safety

Every city has it: it's your city's leader in crashes. It's seven lanes wide, has 40,000 cars per day, and 40 mph traffic. It's the big terrifying city arterial, and this workshop will give a hands-on look at the innovative approaches your city can use to tame it.

Join this Vision Zero workshop to learn from cities that have tackled their most dangerous streets, wielding the entire engineering toolbox to not only reduce fatalities but to substantively transform important corridors into high-performing urban streets that are safe, efficient, and inviting. Learn innovative street design strategies, hear about high-impact case studies, and engage in hands-on design challenges. Participants will leave ready to tackle their most challenging streets.

Pre-registration required; includes breakfast

3.0 credit hours

Nichole Altmix *Executive Director of Transportation, Planning & Management, NYC DOT*

Wendy Cawley *Traffic Safety Engineer, City of Portland*

Matthew Roe *Director, Designing Cities Initiative, NACTO*

8:00AM–11:00AM MONTREAUX 3

Advanced Workshop: Signal Strategies for Bikes & Transit

Join your peers and two leading practitioners who are moving the state of the practice in engineering: using traffic signals to protect people biking and prioritize transit.

From the leading interval to the low-speed progression, and from the reverse queue jump to the quarter-cycle offset, learn from cities that are finding innovative strategies to manage streets in time as well as space, and are using signal strategies to prioritize people beyond the traffic platoon. Whether you're a veteran traffic engineer or an ambitious planner, join this interactive workshop to discover new techniques, work through design challenges, and make a better case for getting the most from your transportation system.

Pre-registration required; includes breakfast

3.0 credit hours

Dongho Chang *City Traffic Engineer, Seattle*

Chris Pangalinan *Program Director, Tech and Rider Engagement, TransitCenter*

8:30AM–12:00PM ST. GALLEN 3

Workshop: You're Always On – Delivering Compelling Presentations

Good presentations and public speaking are like good teaching. Exhibiting executive presence, quieting nervous energy, and conveying presentations clearly are fundamental skills that leaders require and are continually practicing to perfection. Join Dr. Daniel Moser for this workshop to elevate your visual design and delivery techniques.

Upon completion, participants will be able to:

- Balance and synthesize emotional awareness with logic and persuasion
- Read, replicate non-verbal body language
- Communicate quantitative information, data, and statistics through effective PowerPoint design
- Realize subtleties of social dynamics through improved critical listening skills
- Develop techniques for overcoming anxiety that obstruct delivery of clear messages
- Master storytelling structures (START, Monroe's Motivated Sequence and PREP) for organizing thoughts to better engage in a variety of communication settings

Pre-registration required; includes breakfast

3.0 credit hours

Dr. Daniel Moser *Professional and Presentation Skills Director, Northwestern University*

MONDAY

CONT.

8:30AM–12:00PM VEVEY 1

Global Street Design Guide Training

Join the NACTO Global Designing Cities Initiative (GDCI) team and experts from around the world for an in-depth training on the Global Street Design Guide, which broadens how to measure the success of urban streets to include access, safety and mobility for all users worldwide. This training will also cover how redesigned streets result in a better environment, stronger local economies, and improved public health and overall quality of life.

This training will also showcase examples of transformational projects from across the globe that have undertaken innovative approaches to encourage streets that prioritize sustainable mobility choices and put people first.

Participants will engage in active discussions and a hands-on design charrette using tools from the GDCI team.

Pre-registration required; includes breakfast and a copy of the Global Street Design Guide

3.0 credit hours

Skye Duncan NACTO GDCI

Fabrizio Prati NACTO GDCI

Abhimanyu Prakash NACTO GDCI

Ankita Chachra NACTO GDCI

Aimée Gauthier ITDP

Lennart Nout Mobycon

Steven Burgess MRCagney

9:00AM–12:00PM ST. GALLEN 1

Workshop: Bringing Racial & Social Equity into Transportation Planning

This interactive workshop will provide an introduction to the roles, challenges, and opportunities for city leaders to advance racial equity within their agency/organization. The workshop will include an overview of shared equity terms and conditions, as well as racial equity analysis tools used to inform decisions relating to polices, programs, projects, and budgets, especially as applied within a city transportation context.

Participants will have the ability to work in small groups and apply the basic use of a racial equity tool on some of their own scenarios. Additionally, participants will learn about existing resources and networks available for their continued racial equity capacity building and development.

This workshop is presented, in part, by the Better Bike Share Partnership.

Pre-registration required; includes breakfast

3.0 credit hours

Julie Nelson Director, Government Alliance on Race and Equity (GARE); Senior Vice-President, Center for Social Inclusion

Naomi Doerner Transportation Equity Program Manager, Seattle Department of Transportation

1:00PM–2:00PM LOWER LEVEL

Registration Opens

2:30–3:45PM ZURICH (LOWER LEVEL)

Opening Plenary

Welcome Remarks



Linda Bailey
NACTO Executive Director



Janette Sadik-Khan
NACTO Chair

Mobility in Chicago



Rebekah Scheinfeld
Commissioner, Chicago DOT



Dorval Carter
President, CTA



Michelle Woods
*Project Manager, Chicago Riverwalk,
City of Chicago*

Leading Cities into the Future



Seleta Reynolds
*NACTO President
General Manager, LADOT*



Philip A. Washington
CEO, LA Metro

MONDAY

4:00PM-5:30PM UPPER LEVEL

Breakout Sessions

VEVEY 1

Mobility Pricing: The Key to Sustainable Cities

Among economists, there is a consensus that congestion pricing is the most sustainable approach to reducing traffic congestion. But what does it mean to set up mobility pricing, and what policies are needed to ensure this new approach to capacity management and street funding is properly planned and implemented?

In this session, hear from world experts in mobility pricing, learn about the first state in the U.S. to adopt a road charge usage program, and see the possibilities that pricing policy can have for the life of our cities.

Amanda Eaken *Natural Resources Defense Council*

Daniel Firth *Metro Vancouver Mobility Pricing Independent Commission*

Annie Nam *Southern California Association of Governments (SCAG)*

Mark Lear *Portland PBOT*

ST. GALLEN 1

Universal Design for Plazas, Bikeways and Shared Streets

Ensuring streets are accessible to all is a critical challenge for cities implementing innovative street designs, like shared streets, pedestrian plazas, and raised bikeways. While these strategies are transforming streets to be safer, more inviting, and more vibrant, they must also meet the needs of people with low vision, people using mobility devices, and people with disabilities.

For the past year, FHWA has been partnering with cities to better understand how to provide true universal design while advancing new design options and strategies. How can a street guide people using non-visual wayfinding, and make navigating the street safer and easier while using low-cost materials? Join the conversation as cities share new resources and lessons on how they're providing more legible, accessible, and safe places—and meeting ADA needs—as they transform their streets.

Daniel Goodman *Federal Highway Administration*

Dylan Passmore *City of Vancouver*

Roberto Rodriguez *Knight E/A*

Terra Ishee *NYC DOT*

VEVEY 3

To DOT or Not to DOT (and many other questions)

At a time when we are asking more of our city streets, we are also asking more of our city transportation departments. Today's most successful agencies are equipped to deliver street design projects, effectively manage curb space, speed transit, eliminate traffic fatalities, and look to the future of mobility as this fast-changing field evolves.

In this session, hear from Atlanta on its deep collaboration with nonprofits in the region, and with multiple community improvement districts. In Memphis, The Great Street Pilot Project, a major quick-build project, was delivered thanks to an innovative collaboration between the city, a nonprofit, and numerous local project sponsors. Hear also about Chattanooga's innovative approach where local businesses self-finance stormwater infrastructure improvements.

Corinne Kisner *NACTO*

Matt Nichols *Oakland Mayor's Office*

Karina Ricks *Pittsburgh Dept. of Mobility & Infrastructure*

Crissy Fanganello *Denver DPW*

Robin Hutcheson *Minneapolis DPW*

William Johnson *Atlanta DPW*

ST. GALLEN 3

Private Partners, Public Results

When it comes to building projects, cities are often stretched thin, and may have their hands tied by process, funding, and payment restrictions. In response, many cities are working collaboratively with private partners to deliver projects faster, better, and with fewer budgetary and administrative hurdles.

In this session, hear from Atlanta on its deep collaboration with nonprofits in the region, and with multiple community improvement districts. In Memphis, The Great Street Pilot Project, a major quick-build project, was delivered thanks to an innovative collaboration between the city, a nonprofit, and numerous local project sponsors. Hear also about Chattanooga's innovative approach where local businesses self-finance stormwater infrastructure improvements.

Stacey Gillett *Bloomberg Philanthropies*

Nicholas Oyler *City of Memphis*

Andrew Walter *City of Atlanta*

Eric Asboe *Chattanooga DOT*

Dan Hourigan *Midtown Alliance*

MONDAY

CONT.

VEVEY 2

Designing Streets for Kids

In 1972, to shed light on the unsafe conditions of Amsterdam's streets, a TV station aired a documentary from the perspective of a child, showing the difficulties of navigating the child's neighborhood, with fast-moving traffic and limited public space. This was part of a shift in culture that helped create a new street paradigm that now prioritizes safe and sustainable streets.

Intuitively, we know that a street that works for a child works well for everyone. But how can cities create neighborhoods that work well for all generations?

In this session, see how global practitioners are learning from the newest generation of street users – young children – and their caregivers, and how that has influenced street design and helped create more inviting neighborhoods for everyone of all ages.

Ankita Chachra *NACTO GDCI*

Irene Quintáns *Urban95*

Amanda O'Rourke *8 80 Cities*

Natalie Draisin *FIA Foundation*

Cecilia Vaca Jones *Bernard van Leer Foundation*

MONTREAUX 1

Setting the Table for Transit

Local officials have more influence over transit than even they think they do – largely because cities represent the constituents for which transit is most vital, control the streets that the vast majority of transit runs on, and shape land use policy that can support, or hinder, high-quality, useful transit.

In this session, see how cities across the country are setting the table for transit by connecting stations with pedestrian-friendly streets and sidewalks, supporting land use that enhances access to destinations by transit, and by creating action plans with clear, trackable metrics. In transit-forward cities, these pieces come together to support the development of transit-first decisions both within a transit agency and by the agencies that control the infrastructure that transit depends on: streets and sidewalks.

Steven Higashide *TransitCenter*

Danny Pleasant *City of Charlotte*

Carli Paine *SFMTA*

Candida Lorenzana *Seattle DOT*

Erin Hafkenschiel *City of Nashville*

VEVEY 4

Curb Appeal: Getting the Best Uses out of Your City's Most Valuable Real Estate

Curbs are a city's most valuable real estate. Cities are recognizing the value of their curbsides, rethinking them as flexible zones with room for transit, deliveries, passenger pickups, and stormwater capture – as well as parking.

In this session, hear from cities that are capturing more value out of their curbs – keeping travel lanes moving, and more efficiently using street space to meet city goals. With new approaches to curbside management including deliveries, loading zones, drop-off points, and shifted timetables, cities are getting ahead of the increasing demand for deliveries and shared mobility services.

Lawrence Marcus *Wallace Montgomery*

Meghan Mittman *Fehr & Peers*

Benito O. Pérez *District DOT*

Allison Bullock *NYC DOT*

Tracy Krawczyk *Seattle DOT*

MONTREAUX 3

Designing Livable Streets: Community-Building, Conflict, Consensus, Compromise and Creation

Leadership on safe streets comes from all levels of government. Vocal political leadership from city council members, mayors, and public officials is essential to building community support and creating the political environment necessary for city transportation staff to implement safe street projects. Strong leadership and vision from elected officials can also help encourage DOTs to raise the bar.

In this session, hear from two prominent City Council members / Aldermen, along with their DOT counterparts, and hear the steps, challenges, setbacks, and breakthroughs needed for leaders to pave the way for better transportation in our cities.

Jacky Grimshaw *Center for Neighborhood Technology*

Nicole Garcia *NYC DOT*

Councilmember Ferreras-Copeland *NYC City Council*

David Smith *Chicago DOT*

Alderman Osterman *Chicago City Council*

MONDAY

7:00PM–9:00PM FULTON MARKET KITCHEN

Opening Reception

Join the NACTO staff, board, and member cities for a social networking reception to begin the 2017 Designing Cities conference. This year, we will be in an inspired art hub and restaurant in a rapidly-evolving industrial-and-loft neighborhood.

Meet transportation professionals from cities across the country and world working toward safe, sustainable, vibrant streets.

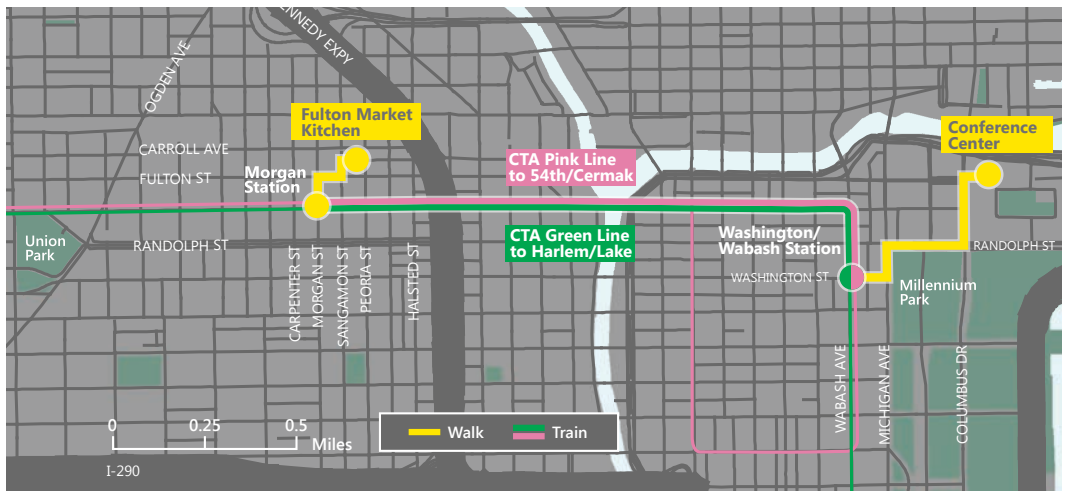
Refreshments and local food will be served. Live artist on site. VR demonstration by Arup.

Reception included in conference registration.

Directions to Opening Reception

From the Swissotel, stroll over to the Washington/Wabash 'L' stop. Use your Ventra card to board either a Green or a Pink line train in the direction of Harlem (Green Line) or 54th/Cermak (Pink Line). Take the train 3 stops to Morgan. Fulton Market Kitchen is just two blocks to the north at 311 N. Sangamon St from the Morgan stop.

Altogether, it's an enjoyable 20 mins over to the Near West Side.





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***“More people in less space. That’s what transit helps us do,  
and it’s the key to using our street space more sustainably  
and more equitably.”***

*Crissy Fanganello  
Director of Transportation & Mobility, Denver Public Works  
NACTO Secretary*

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“NACTO cities—big and small—are leading the way in designing streets that are truly safe and inviting for bicyclists of all ages and abilities. This is enabling the growth of cycling as a safe, equitable mode for the majority of people, and helping to support sustainable economic development.”

*Joseph E. Barr, AICP
Director, Traffic, Parking & Transportation, City of Cambridge
NACTO Affiliate Member Representative*



TUES DAY



TUESDAY

6:30AM

Fun Run

Get your energy up by starting the second day of #NACTO17 with an enjoyable jog on a crisp Chicago morning!

Gather at the lobby of the Swissotel.

7:30AM LOWER LEVEL

Breakfast & Registration



8:00AM–8:45AM ZURICH (LOWER LEVEL)

Morning Plenary



Rahm Emanuel
Mayor of Chicago



Erin L. Aleman
Illinois DOT

Breakfast sponsored by:



9:00AM–10:30AM UPPER LEVEL

Breakout Sessions

MONTREAUX 1

Blueprint for Autonomous Urbanism

The city as we know it is poised for momentous change. Emerging revolutions in automated and connected vehicle technology have the potential to transform how billions of urban residents get from place to place. Will an increasingly autonomous network of vehicles dictate the urban future and bring streets to a standstill as city residents abandon public transit for new fleets of private, driverless cars? Or will cities exert leadership and incorporate autonomous vehicles into a larger strategy to improve cities, support transit, and increase safety, equity and access to economic opportunity for everyone no matter what neighborhood they live in?

Janette Sadik-Khan *Bloomberg Associates*

Seleta Reynolds *LADOT*

Meera Joshi *NYC TLC*

Scott Kubly *Seattle DOT*

TUESDAY

CONT.

ST. GALLEN 1

Designing for All Ages and Abilities: High-Comfort Bike Facilities

To achieve growth in bicycling, bikeway design needs to meet the needs of a broader set of potential bicyclists. Many existing bicycle facility designs exclude most people who might otherwise ride, traditionally favoring very confident riders. NACTO's All Ages and Abilities guidance sets a criteria for selecting and implementing bike facilities that meet the needs of a much broader set of users.

In this session, learn the concepts behind an All Ages and Abilities bike network, and how to implement one. Hear also how an All Ages and Abilities network can advance city goals, including improved traffic safety, and better and more equitable access to jobs and opportunities.

Matthew Roe *NACTO*

Cara Seiderman *City of Cambridge*

Dale Bracewell *City of Vancouver*

VEVEY 2

So You Passed a Bond, Now What?

Many U.S. cities passed significant transportation measures in 2016, and are now scrambling to spend the dollars. What are the steps that cities and transit agencies are taking to ramp up capacity and get projects going?

In this session, hear from cities and transit agencies on how to develop a project pipeline, spend voter dollars equitably, staff up, and begin to rapidly deliver on the promises of a transportation referendum.

Tom Kotarac *CMAP*

Stephanie Wiggins *LA Metro*

Faye Q. DiMassimo *City of Atlanta*

Benjamin T. Limmer *MARTA*

Justin Stuehrenberg *IndyGo*

ST. GALLEN 3

Land Use: The Key to Equitable, Transit-Oriented Communities

How many buses and trains you have, where you put them, and how they run are all essential components of a transit system. But without destinations, who will ride? Successful transit relies on a bedrock of land use policies that facilitate transit's biggest potential – moving large numbers of people in a constrained space.

Development near transit helped double Chicago's downtown population between 2000 and 2010—even as the city as a whole lost population. In San Antonio, an innovative partnership between a transit agency and the city is creating a vision for mobility corridors, centered around transit-supportive land use.

Stacy Cook *Cambridge Systematics*

Jacob T. Floyd *City of San Antonio*

Jason Rodriguez *VIA Metropolitan Transit*

Kendra Freeman *Metropolitan Planning Council*

VEVEY 4

Visualization: Telling a Story Beyond Charts and Numbers

People remember 80% of what they see and do, and only 20% of what they read. Yet much of the communications work in urban planning and transportation is found in the form of dense memos, and 100-page text-heavy reports.

In this session, see examples of effective visual communication in cities – telling a story beyond charts and numbers to document pedestrian flows, change the conversation around traffic fatalities, and experience the positive impact of street redesigns in real, relatable, terms. In this session, find out: What does it feel like to experience a complete street, instead of reading about it?

Trent Lethco *Arup*

Lilly O'Brien *LA DOT*

Julian Guevara *Miami Beach*

Jonathan D. Rogers *District DOT*

TUESDAY

CONT.

MONTREAUX 3

Global Cities: Inspiring Lessons from Around the World

Explore street transformations and innovative projects from around the world through multiple high-energy pecha-kucha presentations. Presenters from various corners of the world will showcase projects from their local contexts, share their experiences and discuss the challenges they faced while improving street environments.

Projects include transit-oriented streets, innovative approaches to bike share, and simple yet effective street transformations.

Melinda Hanson *NACTO GDCI*

Prof. Janez Koželj *Ljubljana*

Jiregna Hirpa *Addis Ababa*

Shramik Shevate *Pune, India*

Beatriz Rodriguez *BIGRS*

Steven Burgess *MRCagney*

Diego Alejandro Parra Gonzalez *Bogotá*

Benjamin Welle *WRI*

VEVEY 3

Growth Without Gridlock: Making the Case for Mobility Investments

Cities across the country are transforming their streets to actively prioritize transit, biking, and walking: the key to moving more people in the same street space. Not only does this require a different approach to planning and street design, it requires a paradigm shift in thinking. In previously automobile-centric cities, changing the status quo takes significant political will and intentional effort.

In this session, hear three cities' strategies for making the case for sustainable mobility. From high capacity transit in Phoenix, to a bike lane network in San Jose, to vibrant public spaces on previously underused asphalt in Detroit – learn how these cities are building support for a scalable, multimodal future.

Joe Iacobucci *Sam Schwartz*

Justin Feek *City of Phoenix*

Janet Attarian *City of Detroit*

Jessica Zenk *City of San Jose*

VEVEY 1

City Leadership in an Uncertain Federal Environment

People in cities know what matters in transportation, and it's not blind spending on concrete. Street design projects and transportation programs that make it easier, safer, and more affordable to access jobs and opportunities are critical to building strong local economies and resilient communities. In today's uncertain federal environment, cities continue to lead the way, pursuing forward-thinking policies and building projects on the ground that connect people and create sustainable, inclusive cities.

In this session, meet the leaders of transportation departments in some of the U.S.'s most innovative cities, and hear how they are setting the transportation policy agenda, with, or without, support from Washington.

Linda Bailey *NACTO*

Rebekah Scheinfeld *Chicago DOT*

Ed Reiskin *SFMTA*

Billy Hattaway *Orlando Transportation Department*

Kevin F. Thompson *Transportation for America*

10:45AM–12:15PM UPPER LEVEL

Breakout Sessions

MONTREAUX 3

Engagement: Introducing Empathy into the Public Process

We've all seen it: the public meeting where discussions are derailed, and anger and polarization frames the room. What makes that happen? And how do successful community engagement processes allow for open conversation and dialogue, avoiding pointed debate and frustration?

In this session, hear how cities and engagement professionals are introducing empathy into the public process and framing conversations around shared goals. Learn about their strategies to build the trust needed to produce great projects, and the long-term partnerships needed to support people-oriented transportation.

Doug Farr *Farr Associates*

Sarah Jones *SFMTA*

Río (jill contreras) *Multicultural Communities for Mobility*

Laura Wilkison *Metro Strategies*

TUESDAY

CONT.

MONTREAUX 1

Transit in Transition

Emerging mobility providers are reshaping the transportation landscape, providing both challenges and opportunities for cities and transit providers. Properly leveraged, emerging mobility providers can extend the reach of higher-capacity transit, allowing resources to be saved while providing a better service. Likewise, improperly managed, emerging mobility providers can syphon ridership while increasing traffic congestion and creating unsafe street conditions due to inefficient vehicle sizes and routing.

In this session, learn how cities and transit agencies are working with and managing emerging mobility providers and new technologies to increase mobility and access to transit.

Gabe Klein *CityFi*

Carlos Cruz-Casas *Miami-Dade County DPW*

Ernest Chrappah *D.C. Dept. of For-Hire Vehicles*

Jon Orcutt *TransitCenter*

VEVEY 3

Transparent Data: How Public Accountability Builds Support & Produces Better Results

Releasing thorough and transparent before and after data analysis, including both positive and negative impacts of a project, can help bolster support for similar projects, increase public trust, and create the honest dialogue and space necessary to go back and improve projects that are not meeting all of their stated goals set at the onset.

In this session, hear from cities that have used the transparent release of public metrics of projects – most good, some ‘bad’ – and with it borne the fruits of increased public support, and most importantly, great work on the ground.

Drusilla van Hengel *Nelson\Nygaard*

Jonathan M. Rogers *District DOT*

Lilly O'Brien *LADOT*

Sarah Fine *Oakland DOT*

VEVEY 4

Speed Management for Vision Zero

Speed kills. Excessive speed both increases the likelihood of a crash, and makes crashes more deadly when they occur. A pedestrian hit by a vehicle driven at 50mph has a 75% chance of dying; hit at 20mph that risk drops dramatically – to 7%.

In this session, hear from cities that have effectively managed speed on their streets; from street redesigns to automated speed enforcement to ensure that drivers adhere to speeds compatible with human life.

Leah Shahum *Vision Zero Network*

Ivan Cheung *National Transportation Safety Board (NTSB)*

Luann Hamilton *Chicago DOT*

Juan A. Martinez *NYC DOT*

ST. GALLEN 3

Growing Bike Share: Approaches to Funding Systems & Major Expansions

The number of North American cities with bike share systems has skyrocketed in recent years, but in too many cases, the size of the system doesn't match the latent demand. Bike share has the potential to be a transformative transportation option and a major source of urban cycling trips, but only if the system goes where people want to go, with bikes regularly available. Too often, cities and operators are strapped when it comes to finding money to grow bike share programs to reach the scale and density required for a reliable transportation network.

What funding avenues are available for system expansion? What's the best use of additional capital funding? How do you increase ridership? What opportunities are sparked by new dockless technologies? And as systems grow, how do you measure system success and health? In this panel, hear from four cities as they discuss their strategies for growing bike share.

Nicole Payne *NACTO*

Evan Corey *Seattle DOT*

Lisa Nuszkowski *MoGo Detroit*

Gillian Gillett *San Francisco Mayor's Office*

Sean Wiedel *Chicago DOT*

TUESDAY

CONT.

VEVEY 2

Measuring & Building Complete Networks for Walking and Biking

A sidewalk or a bike lane that ends at a highway may be increasing a city's bike & pedestrian lane mileage, but it's doing little to connect people to destinations. Fully connected and comfortably designed pedestrian and bike networks are indispensable for attracting people to travel on foot, or on two wheels.

In this session, learn about a new tool to gauge your city's bike network connectivity in the way your street users experience it, hear about how one city is combining qualitative data with an extensive array of quantitative feedback to identify and address gaps in its bike network, and see how another city is moving to tackle its disconnected pedestrian networks. It all starts from taking a deep dive, and accurately mapping and measuring your city's streets.

Kyle Wagenschutz *PeopleForBikes*

Lily Gordon-Koven *NYC DOT*

Dave Kemp *Boulder Public Works*

John Eastman *City of Austin*

Mike Schofield *City of Austin*

ST. GALLEN 1

Working with Water: Supporting a Healthy Ecology on Our Streets

Historically, streets have formed an impermeable paved layer on top of green space, disrupting hydrological cycles and requiring expensive stormwater infrastructure to manage stormwater runoff and protect ground and surface water quality. As cities face increasing frequency, duration, and intensity of storm events, as well as more persistent drought conditions, it is time to ask more of our streets.

In this interactive session, learn the strategies (now codified in the NACTO Urban Street Stormwater Guide) that cities have used to create streets that serve as truly public spaces, while delivering social and economic value, protecting resources, and reconnecting natural ecological processes.

Aaron Villere *NACTO*

Ivy Dunlap *Portland Bureau of Environmental Services*

Lubka Benak *Chicago DOT*

VEVEY 1

Leading Change, Cultivating Success

Charting a bold course for a large, long-standing burueacracy is no small feat. How are today's city DOT leaders communicating their visions to staff, to elected officials, and to the city as a whole? How are they building strong organizational culture, encouraging risk-taking, and empowering staff to champion new ideas?

Hear from leaders across North America about their strategies to focus and empower their agencies, and produce powerful results that shape city economies, mobility, health, and quality of life.

Andy Wiley-Schwartz *Bloomberg Associates*

Seleta Reynolds *LA DOT*

Ryan Russo *Oakland DOT*

Barbara Gray *Toronto Transportation Services*

Randall "Keith" Benjamin, II *Charleston Dept. of Traffic and Transportation*

12:15PM–1:15PM ZURICH (LOWER LEVEL)

Lunch Keynote

Peter Norton is a historian who writes about people, cities, and cars—particularly about how cars took over city streets. He is an associate professor of history in the Department of Engineering and Society at the University of Virginia. He is the author of *Fighting Traffic: The Dawn of the Motor Age in the American City*. His article "Street Rivals: Jaywalking and the Invention of the Motor Age Street," published in *Technology and Culture*, won the Abbott Payson Usher Prize of the Society for the History of Technology.



Peter Norton *Associate Professor, University of Virginia*

Lunch sponsored by:



TUESDAY

1:30PM–4:30PM VARIOUS MEETING LOCATIONS

WalkShops

See projects with your own eyes, and get an in-depth understanding of how concepts translate to cities' streets with this year's WalkShops.

From bikes lanes to streetcars, City of Chicago staff and local partners will host 50+ on-the-ground tours of projects.

See WalkShops section for further details.

4:30PM–5:30PM ZURICH (LOWER LEVEL)

Meet the Cities

NACTO member cities will gather to show their success stories, from protected bike lanes to dedicated transit lanes. Meet the faces behind the names of city leaders that are making a difference in urban mobility.







WED

-NES

DAY



WEDNESDAY

6:30AM

Fun Run

Get your energy up by starting the second day of #NACTO17 with an enjoyable jog on a crisp Chicago morning!

Gather at the lobby of the Swissotel.

7:30AM–8:45AM LOWER LEVEL

Breakfast & Registration

NACTO Camp Breakfast

Following successful NACTO Camps at Designing Cities 2014-2016, we're bringing back the format again for this year's conference - at breakfast! NACTO Camp is a participant-driven "unconference" where the breakfast table conversation topics are proposed by attendees, providing an opportunity for you to connect and talk with fellow conference participants with similar questions and interests. The quality of these conversations depends on your contribution!

Discussion topic proposals will be on display during the Designing Cities conference, where you will have the opportunity to propose topics and weigh in on your favorites. On Wednesday morning, the final topics will be posted.



9:00AM–12:00PM UPPER LEVEL

WalkShops

See projects with your own eyes, and get an in-depth understanding of how concepts translate to cities' streets with this year's WalkShops.

From bikes lanes to streetcars, City of Chicago staff and local partners will host 50+ on-the-ground tours of projects.

See WalkShops section for further details.

11:00AM–2:00PM EAST WACKER DRIVE

Vision Zero Truck Safety Equipment Demo

Join Chicago DOT and Chicago Fleet and Facilities Management to see safety equipment (required on all Chicago city contracts) that make large vehicles safer.

WEDNESDAY

12:00PM–1:00PM ZURICH (LOWER LEVEL)

Lunch

1:00PM–2:00PM ZURICH (LOWER LEVEL)

Seeing Is Believing: Experiencing the Street Renaissance

How would this intersection look with more space for pedestrians? How would this street feel without cars? How safe is my driving, really? What would it be like to ride a bicycle here? As the old writing adage goes: Show, Don't Tell.

In this session, hear from people who are building support and changing hearts and minds through visual learning and memorable experiences. From community bike rides to temporary intersections with chalk, see how these leaders are helping us all think differently about transportation.

Skye Duncan *Director, NACTO Global Designing Cities Initiative*

Clarence Eckerson *Founder, Streetfilms*

Chris Bruntlett *Co-Founder, Modacity*

Ed Solis *Recreation Superintendent, Parks, Recreation and Neighborhood Services, City of San Jose*

Kris Carter *Co-Chair, Mayor's Office of New Urban Mechanics, City of Boston*

Ankita Chachra *NACTO Global Designing Cities Initiative*

Ronnie Matthew Harris *Visionary Lead, Go Bronzeville*

2:15PM–2:45PM ZURICH (LOWER LEVEL)

Live Podcast: Third Wave Urbanism

Katrina Johnston-Zimmerman *THINK.urban*

Kristen E. Jeffers *The Black Urbanist*

Skye Duncan *Director, NACTO Global Designing Cities Initiative*

3:00PM–4:30PM UPPER LEVEL

Breakout Sessions

VEVEY 3

More than Potholes: Capitalizing on Routine Operations to Advance Broader City Goals

If you're reconstructing a street (for utility work, or just as part of a repaving schedule), how do you make sure you're taking advantage of the work being performed and getting a full street? It's one thing to coordinate and check the "complete street boxes" for one project. Doing it on a programmatic level, for street after street, is another level of complexity and coordination. Hear from cities that are doing this well (or better than before), and the steps they took to get there.

Billy Hwang *WSP*

Kathleen Mayell *Minneapolis DPW*

David Rawsthorne *City of Vancouver*

Tom Carney *Chicago DOT*

Patrick Skoglund *SADA*

WEDNESDAY

CONT.

ST. GALLEN 3

Designing & Planning for Micro-Infrastructure

With the introduction of more technology and public realm improvements onto our streets, many objects that populate our public spaces have become essential to the functioning of the city. Streetlights, bus shelters, bike racks, kiosks, signage, benches, bike share, EV charging, and parking kiosks can all improve the public realm, but implementation often lacks coordination.

The ways in which we organize, plan for, and connect these objects is vital to making our streets safe, navigable, and clutter-free. How can we avoid an accumulation of abandoned and outdated infrastructure, and instead ensure that new technology and street furniture create welcoming and useful public space?

Margaret Newman *Arup*

Elyse Parker *Toronto Transportation Services*

Keri Tyler *NYC DOT*

Justin Holmes *Zipcar*

VEVEY 1

Rapid Growth: Maintaining Access while Accommodating Construction

In Japan, colorful Hello Kitty characters adorn construction sites to entertain otherwise-annoyed pedestrians in a constrained space. Elsewhere, development booms have forced people to dart across the street to then have to dart across the street again, as sidewalks and bike lanes are closed to accommodate growth.

Just as growth doesn't mean gridlock with transit planning, a surge in construction doesn't have to mean closed sidewalks and bike corridors. In this session, learn the strategies that cities have taken to keep pathways open, not just at one site, but in coordination across a corridor and across rapidly growing cities.

Ben Rosenblatt *Sam Schwartz*

Kevin O'Neill *Seattle DOT*

George Branyan *District DOT*

Matthew Marcou *District DOT*

Dylan Passmore *City of Vancouver*

Sarah Fine *Oakland DOT*

VEVEY 4

Beyond Lanes on the Ground: Breaking Barriers to Cycling

Cities across the U.S. are building more, and higher-quality bike lane networks – resulting in more riders, and increased safety for those taking to two wheels on our cities’ streets. However, this increasingly-popular mode for getting around is not equally accessible to all communities, with barriers to cycling often found not on the paint on the ground, but in social and institutional frameworks.

In this session, see what researchers are finding about the barriers to biking in diverse communities, and how cities and community organizations are teaming up to address barriers beyond paint and road signs.

Naomi Doerner *Seattle DOT*

Tracey Capers *Bedford Stuyvesant Restoration Corporation*

Jennifer Dill *National Institute for Transportation and Communities*

Dian Nostikasari *Kinder Institute*

Charles Brown *Alan M. Voorhees Transportation Center*

ST. GALLEN 1

Cities in The Driver’s Seat: Automated Vehicles Today

Automated vehicle technology has advanced rapidly, with numerous technology firms and automakers testing fleets of automated vehicles in cities across the nation. These vehicles bring great promise, and potential pitfalls, for cities – not just in the future, but now, as new technologies are tested on the public right-of-way.

State and local governments must have the authority to regulate their own streets, to ensure that innovation is compatible with safe operations and city goals. In this session, hear from cities that have automated vehicle testing on their streets, and the policy, legislative, and legal frameworks that can guide safe use now and in the future.

Stephen Buckley *WSP*

Ryan Lanyon *Toronto Transportation Services*

Evan Corey *Seattle DOT*

Jennifer Cohen *LA DOT*

Karina Ricks *Pittsburgh Dept. of Mobility & Infrastructure*

Gregory Rodriguez *Best Best & Krieger LLP*

WEDNESDAY

CONT.

MONTREAUX 1

Profile of a Plangineer

Being a strong, progressive transportation leader requires a unique mix of technical, policy, and planning skills, with a hearty dose of communication and collaboration skills. It also means equipping yourself with information and tactics to counter common fallacies about why projects can't happen.

In this panel, hear from three rock-star "plangineers" who will discuss their strategies for navigating bureaucracies and office politics, talk about how they tackle getting street improvement projects through the pipeline, and share key insights about framing the expertise you bring to the table.

Kate Fillin-Yeh *NACTO*

Becky Katz *Atlanta Department of City Planning*

Zabe Bent *Nelson\Nygaard*

Annick Beaudet *Austin Transportation Department*

VEVEY 2

Filling the Gaps: Using Consultants Wisely

Consultants can bring a wealth of technical expertise and national experience, and can be a huge boon to cities needing a boost in bandwidth. But it's also critical to build internal staff capacity, cultivate city leadership on key public-facing issues, and nurture city staff relationships with community stakeholders.

Capitalizing on consultant resources requires a thoughtful approach. How can cities use consultant support productively and wisely? (Spoiler: It starts with a rock solid RFP).

Jeffrey Tumlin *Nelson\Nygaard*

Laura Dierenfield *Austin Transportation Department*

Mike Trimble *City of Austin Program Corridor Office*

Jennifer Henry *CTA*

MONTREAUX 3

Tactical Urbanism: Quick Changes on the Ground

Smaller changes can lead to something big. That's the idea behind tactical urbanism.

Often called “pop-up” or “guerilla” infrastructure, tactical urbanism allows cities (and sanctioned, or sometimes unsanctioned, parties) to experiment, and get projects implemented fast, with immediate results for mobility and safety. By using mostly temporary materials, tactical interventions are low-risk: if it doesn't work, just take it down.

In this session, learn which materials to pick for your city's next intervention, and hear how tactical urbanism techniques have helped build the political will and imagination for bolder, more permanent changes.

Tony Garcia *Street Plans Collaborative*

Josh Rogers *NewTown Macon*

Timur Ender *Portland Bureau of Transportation*

4:30PM–5:15PM ZURICH (LOWER LEVEL)

Closing Keynote

Christophe Najdovski was appointed by Anne Hidalgo, mayor of Paris, as deputy mayor of transportation and public space in 2014. He has embarked on four main goals in this position: to reduce air pollution and greenhouse gas emissions; to promote a better mobility for everyone, regardless of age or social background; to reconnect Paris with the Seine river, and Paris' numerous canals; and to restore public space for pedestrians and cyclists.



Christophe Najdovski *Deputy Mayor of Transportation and Public Space, Paris*

WEDNESDAY

5:15PM–5:30PM ZURICH (LOWER LEVEL)

Crowning of the Next NACTO City

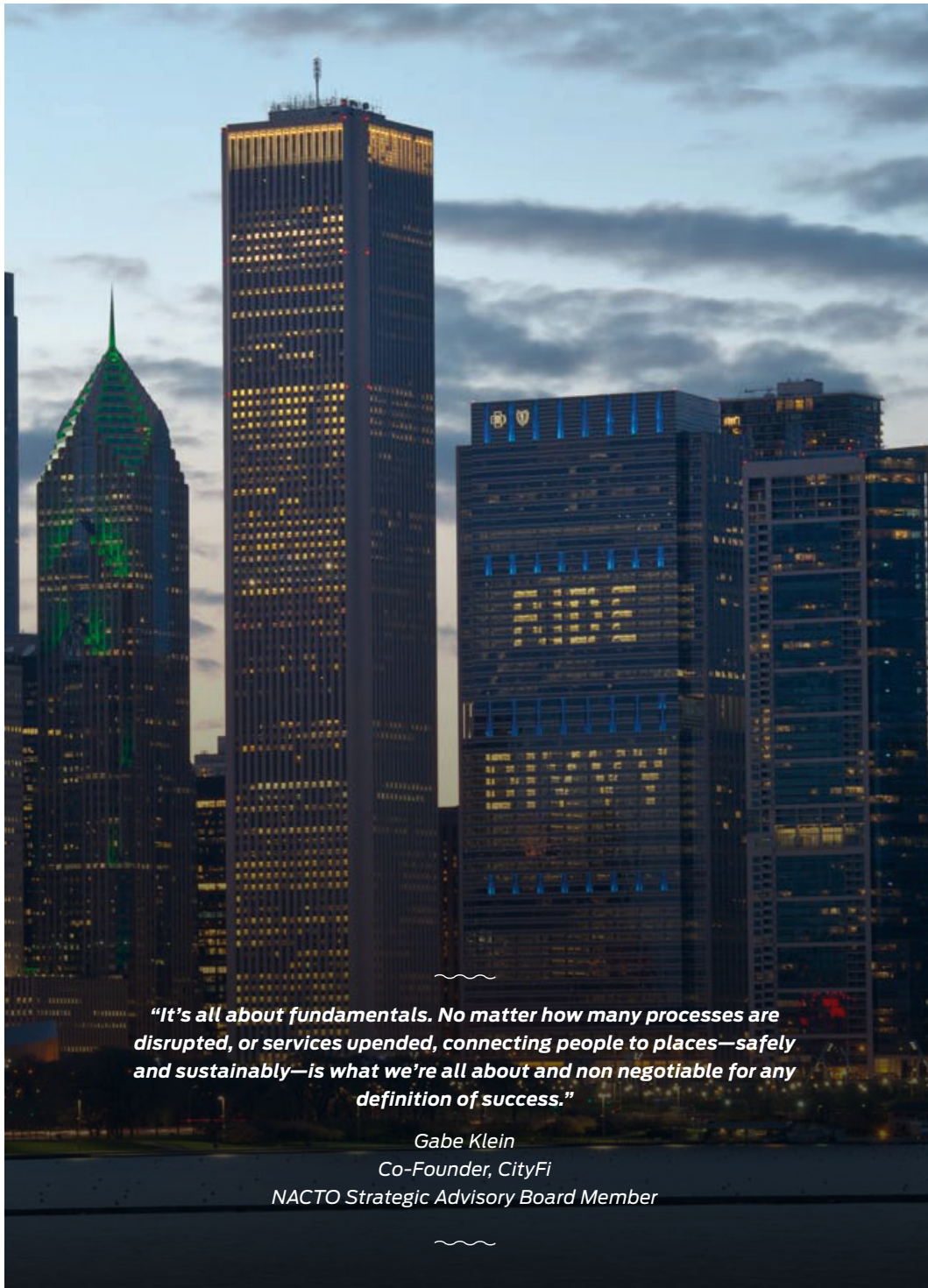
Crowning ceremony and announcement of the 2018 host.

See you for #NACTO18!

EVENING CHICAGO NEIGHBORHOODS

Neighborhood Dinners

Join local hosts for an informal dinner out in Chicago neighborhoods. See the WalkShops table to sign up!



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***“It’s all about fundamentals. No matter how many processes are disrupted, or services upended, connecting people to places—safely and sustainably—is what we’re all about and non negotiable for any definition of success.”***

*Gabe Klein  
Co-Founder, CityFi  
NACTO Strategic Advisory Board Member*

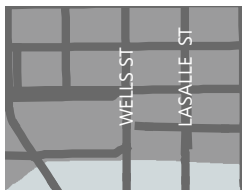
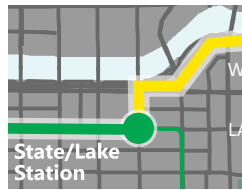
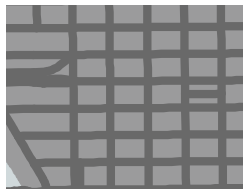
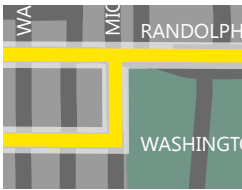
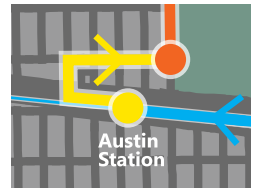
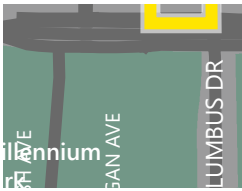
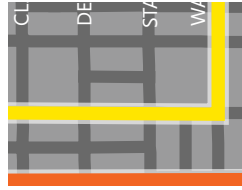
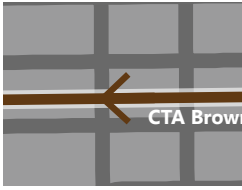
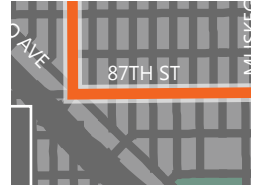
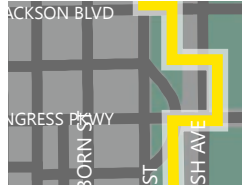
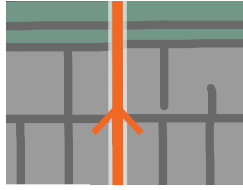
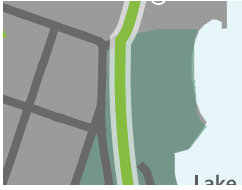
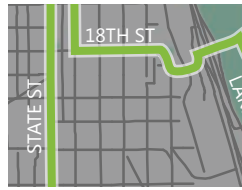
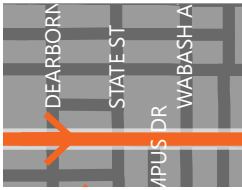
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WALK SHOOTPS















WALKSHOPS

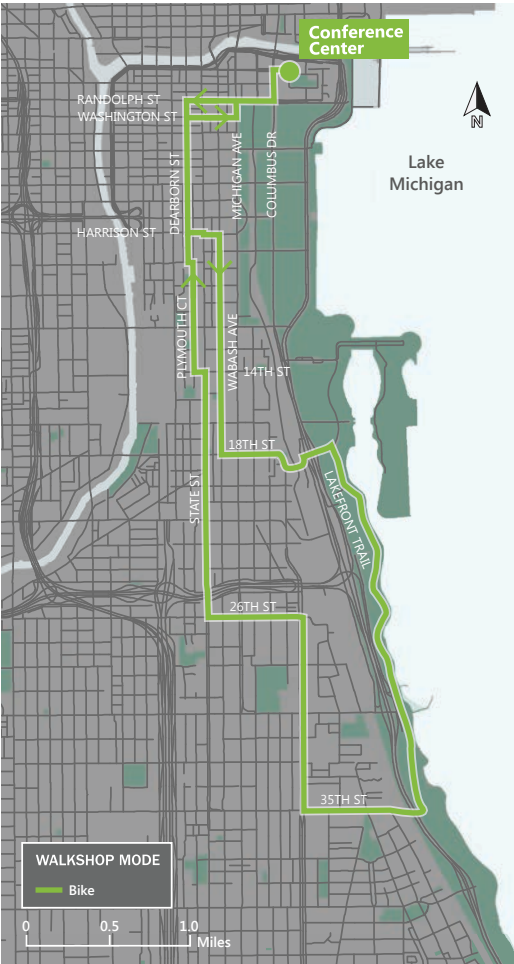
See projects with your own eyes, and get an in-depth understanding of how concepts translate to cities' streets with this year's WalkShops. From bikes lanes to bus bulbs, City of Chicago staff and local partners will host 50+ on-the-ground tours of projects.

Participants are encouraged to wear comfortable walking shoes, wear comfortable attire, and bring sunscreen. Otherwise, all equipment will be provided: bikes, helmets, and transit passes, depending on the tour. You are welcome to bring your own helmet, should you prefer.

WalkShops key

-  Walk
-  Bike
-  Boat
-  Shuttle
-       CTA Train

TUESDAY, 1:30PM–4:30PM | WEDNESDAY, 9:00AM–12:00PM | THURSDAY, 9:00AM–12:00PM



MEETING POINT: AECOM PLAZA (SEE PG. 6)

Biking Through Barriers – A Tour of Bridges, Tunnels, and Bicycle connections on Chicago’s near South Side

Enjoy a ride through Chicago’s near south side to see recent investments that improve access for people bicycling. See how Chicago has retrofitted some of its beautiful bascule bridges with bicycle-friendly treatments and discuss the logistics and challenges of doing so. The tour will also cover new bridge construction, viaduct connections, and other ways to utilize both new and old infrastructure to increase bicycle connectivity. This route will travel through part of Chicago’s downtown protected bike lane network and the Lakefront Trail to take participants over the new 35th Street suspension bridge connecting Lake Michigan to the historic Bronzeville Neighborhood.

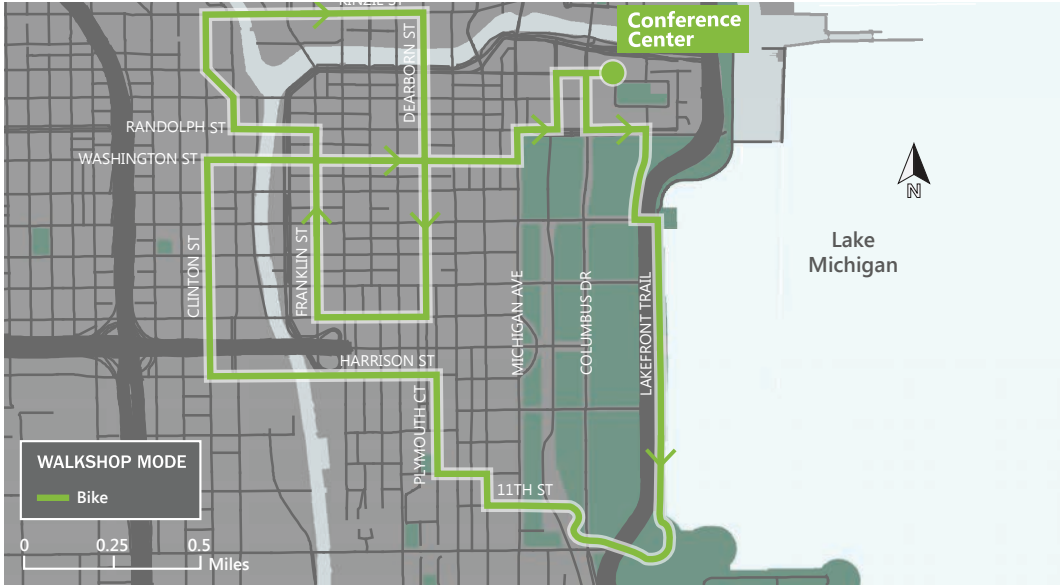
This WalkShop is sponsored by Iteris.

Brad Topol T.Y. Lin International, Inc.

Kyle Whitehead Active Transportation Alliance



TUESDAY, 1:30PM–4:30PM | WEDNESDAY, 9:00AM–12:00PM | THURSDAY, 9:00AM–12:00PM



MEETING POINT: AECOM PLAZA (SEE PG. 6)

Low-Stress Bicycling in the Loop

Explore the growing core of bike facilities in Chicago’s downtown Loop. Join CDOT design consultants and local advocates on a walking tour of newly installed and recently upgraded protected bike lane facilities in Chicago’s CBD. Discussion will include bike lane protection methods, intersection treatments; design and installation processes; public outreach experience; and strategies for connecting to Chicago’s premiere off-street facility, the Lakefront Trail. Stop along the way at the McDonald’s Cycle Center—a high-capacity bike parking facility in Millennium Park.

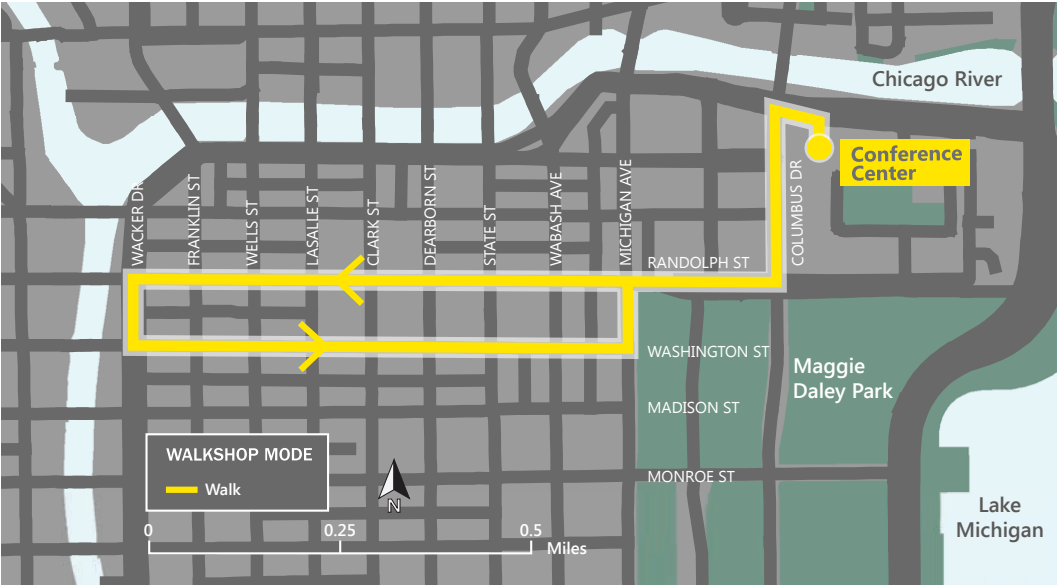
This WalkShop is sponsored by Transpo Industries, Inc.

David Gleason *T.Y. Lin International, Inc*

Ron Burke *Active Transportation Alliance*



TUESDAY, 1:30PM–4:30PM | WEDNESDAY, 9:00AM–12:00PM | THURSDAY, 9:00AM–12:00PM



MEETING POINT: VEVEY 2

Protected Bike Lane Intersection Treatments

Whether you've been riding for years or are just getting back on a bike, intersections can act as barriers and keep people from biking in cities across America and here in Chicago. As Chicago has expanded its protected bike lane network, various intersection treatments have been used to make sure intersections are both safe and comfortable. Come for a walk through the Loop to see a wide variety of different approaches that look to address vehicle / bike / pedestrian interactions through elimination and mitigation of those conflicts. You will see protected intersections, signal separation, mixing zones, bike through lanes,

transit applications, and one-way and two-way protected bike lane examples.

Nate Roseberry *CDOT*

TUESDAY, 1:30PM–4:30PM | WEDNESDAY, 9:00AM–12:00PM



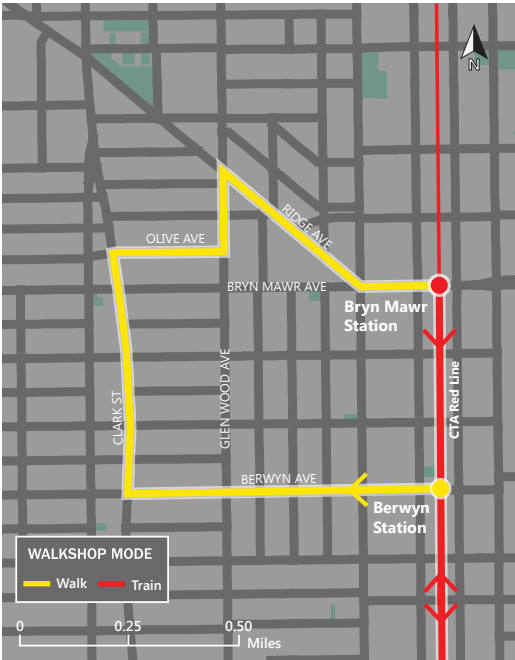
MEETING POINT: VEVEY 4

A Transit Legacy: Exploring the Historic Loop Elevated

When the Loop Elevated was built in the 1890s, Chicago's public transportation options consisted primarily of horse drawn cars and cable cars. The introduction of elevated rail lines brought innovative new technologies to the city in an era where the marvels of the 1893 World's Columbian Exposition were still a fresh memory. Join us in this notable year, 2017, as we celebrate the 70th anniversary of CTA and the 125th anniversary of rail transit in Chicago. We'll visit a historical continuum of evolving stations including the historic Quincy station, currently under construction to become ADA compliant, and the Loop's newest station, Washington/Wabash.

Marlise Fratinaro CTA

TUESDAY, 1:30PM–4:30PM | WEDNESDAY, 9:00AM–12:00PM

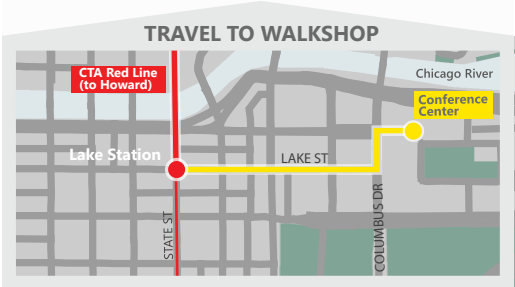


MEETING POINT: MONTREUX 1/2

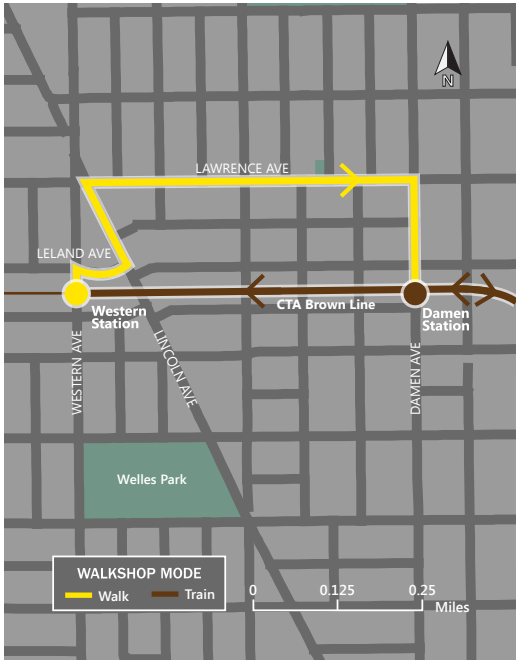
Active Neighbors Promoting Active Lifestyles: Community Involvement Initiatives in Andersonville and Edgewater

Explore the Andersonville and Edgewater neighborhoods on Chicago’s northside, two vibrant neighborhoods with engaged residents helping make the area better for people walking, biking, and visiting the area. See custom bike parking and public art sponsored by the Andersonville SSA, hear from the local Alderman on community engagement programs aimed at increasing the number of bike trips in the neighborhood, and see how CDOT’s Greencorps Chicago job training program turns underutilized lots into pleasing neighborhood spaces all while providing career opportunities for individuals with barriers to employment.

- Sean Wiedel** CDOT
- Sara Dinges** Andersonville Chamber of Commerce
- Ally Brisbin** 48th Ward



TUESDAY, 1:30PM–4:30PM | WEDNESDAY, 9:00AM–12:00PM



MEETING POINT: MONTREUX 3

Beyond the Square: How Transportation and Infrastructure Improvements Have Helped Shape Lincoln Square

Starting with the streetscape of Lincoln Avenue and the plaza upgrade of Giddings Plaza in 2002, the Chicago Department of Transportation has worked with the local elected officials and the community to prioritize infrastructure upgrades to help foster community development while retaining the historic charm of the neighborhood. Further improvements such as the Montrose Metra Community Gardens, the Lawrence Avenue road diet, Claremont Plaza, and transit oriented development (TOD) have continued to shape Lincoln Square into a successful, thriving neighborhood.

This WalkShop is supported by Christopher B. Burke Engineering.

- Bryan Luke** *Christopher B. Burke Engineering*
- Alisa Tilson** *CDOT*
- Brad Gregorka** *47th Ward*



TUESDAY, 1:30PM–4:30PM | WEDNESDAY, 9:00AM–12:00PM



MEETING POINT: VEVEY 2

Bronzeville Flourishing— Rooted and Linked

Starting with the streetscape of Lincoln Avenue and the plaza upgrade of Giddings Plaza in 2002, the Chicago Department of Transportation has worked with the local elected officials and the community to prioritize infrastructure upgrades to help foster community development while retaining the historic charm of the neighborhood. Further improvements such as the Montrose Metra Community Gardens, the Lawrence Avenue road diet, Claremont Plaza, and transit oriented development (TOD) have continued to shape Lincoln Square into a successful, thriving neighborhood.

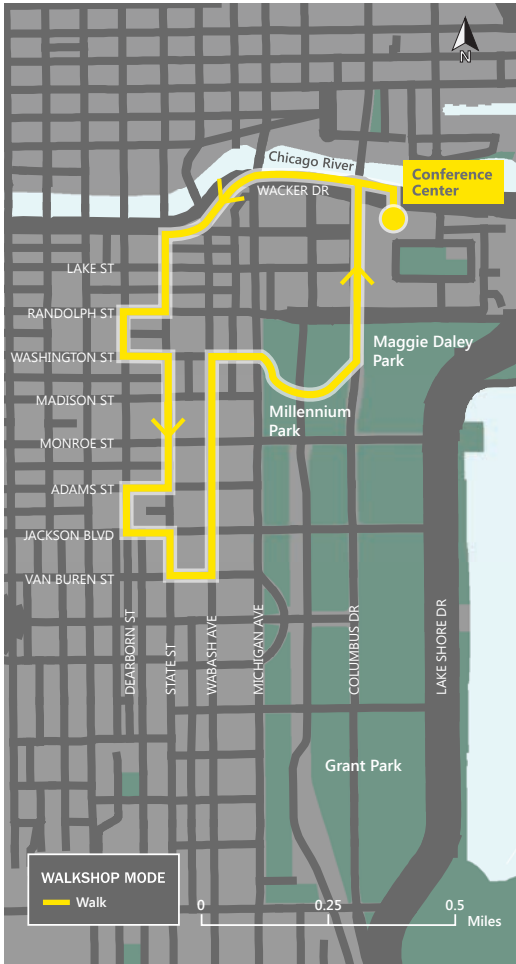
Amanda Woodall *CDOT*

Tanera Adams *CDOT*

Ronnie Harris *Go Bronzeville*



TUESDAY, 1:30PM–4:30PM | WEDNESDAY, 9:00AM–12:00PM



MEETING POINT: VEVEY 4

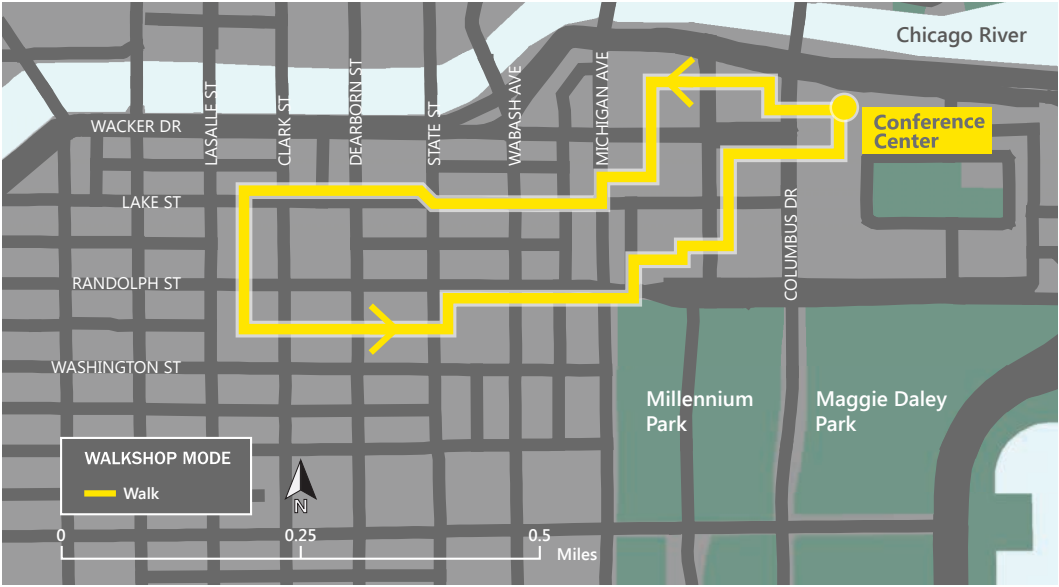
Chicago’s Loop—It’s All About the Experience

Significant demographic shifts in the Chicago Loop, including the rise of the millennial generation and the return of empty-nesters, have created new demands for engaging public space in downtown Chicago. The Chicago Loop Alliance (CLA) recognized that attractive public spaces create a more competitive city, and that it must activate underperforming public spaces in the Loop. It began a placemaking strategy targeting long ignored public spaces, including alleys, street medians and underperforming parks. CLA activated these spaces using design, art, lighting, community engagement, active social media and aggressive place management. This tour will tell the story of Chicago Loop Alliance’s evolution from traditional place management (clean and safe) services to our more extensive placemaking initiative. The tour will demonstrate how public space can drive real economic development, attract talent and thus employers and rebrand a downtown as a place for all people to enjoy in a contemporary way.

Alisa Tilson CDOT

Michael M. Edwards Chicago Loop Alliance

TUESDAY, 1:30PM–4:30PM | WEDNESDAY, 9:00AM–12:00PM



MEETING POINT: OUTSIDE OF ZURICH, FAR END OF REGISTRATION TABLE

Chicago's Pedway

Chicago's pedway has been built over many decades, starting as early as the late 19th century with a pedestrian bridge from the Louis Sullivan designed Carson Pirie Scott department store to a Loop Elevated rapid transit station. The majority of the pedway was developed since our second subway was built post World War II. Links in the pedway continue to be added in the Lakeshore East development area, on former rail yards, and site of the Aqua Tower and future Wanda Vista Tower. Stops on the tour include City Hall and other government center buildings, both Red and Blue Line subway stations that were the first link in the underground system,

the Chicago Cultural Center with its Tiffany Dome, Block 37, the former Marshall Field, and Millennium Park and commuter rail station. We will explore the city's changing attitude to pedway development over recent decades and renewed interest in celebrating the pedway from the various stakeholders.

Keith Privett CDOT

TUESDAY, 1:30PM–4:30PM | WEDNESDAY, 9:00AM–12:00PM



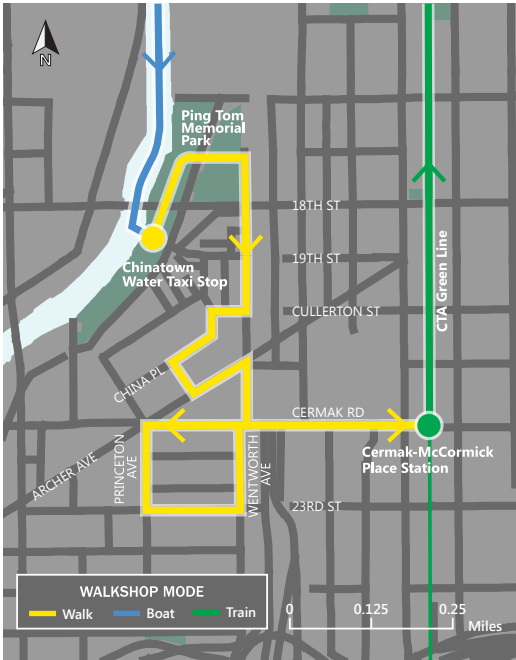
MEETING POINT: VEVEY 3

Chicago's Year of Public Art

See why 2017 is the Year of Public Art in Chicago and hear why public art is so important to creating vibrant, active spaces. This walking tour will start on the eastern end of the Riverwalk and look at and discuss several rotating exhibits, memorialization in public space, and contemporary public art. Participants will then walk down Wabash Avenue and see several large mural projects installed as part of the Wabash Arts Corridor / Big Walls Project that have transformed blank walls into beautiful street art in the South Loop neighborhood. The tour will then proceed into the Loop and see how public art is incorporated in the Loop Link Project and the new Washington / Wabash CTA Station. Finally, enjoy a walk back to the conference center through Millennium and Maggie Daley Parks to see how art is incorporated into play space.

Nathan Mason *Chicago's Dept of Cultural Affairs and Special Events*

TUESDAY, 1:30PM–4:30PM | WEDNESDAY, 9:00AM–12:00PM



MEETING POINT: VEVEY 3

Chinatown’s Vision

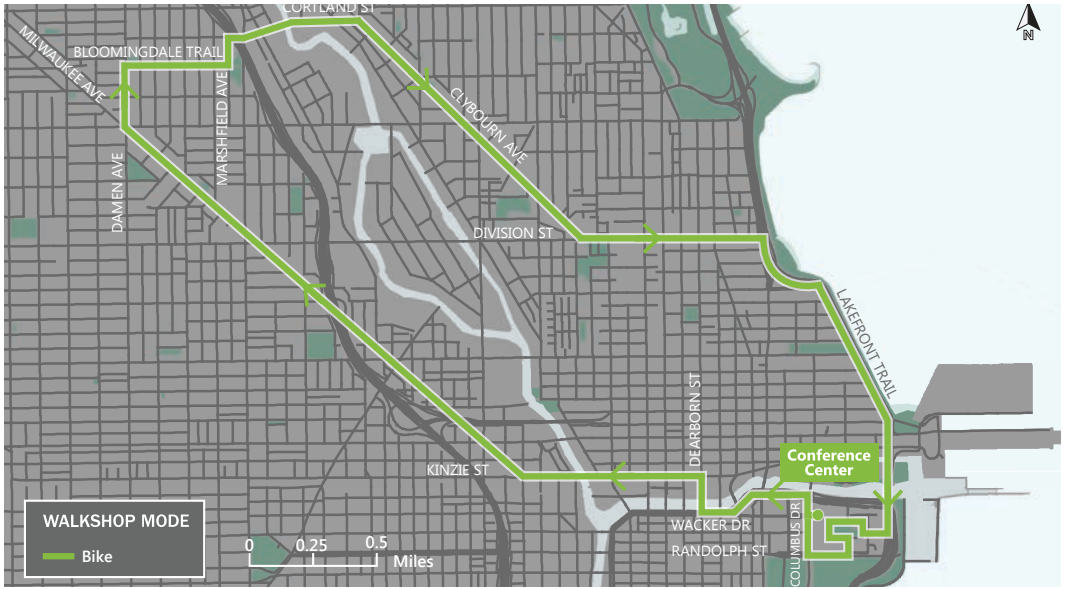
Take the Water Taxi down to beautiful Ping Tom Park in Chicago’s Chinatown, one of the nation’s largest and one of the only Chinatowns in the country that is still growing with recent immigrants. Learn about public and private river trail development, boathouses, the Wells-Wentworth Connector project (which will create a new mixed-use corridor connecting Chinatown to Downtown), and the new Cermak CTA Green Line Station. Also learn about the recent Chinatown Vision Plan, and its recommendations to improve walkability and address other transportation challenges in the historic neighborhood.

This WalkShop is sponsored by Chicago Water Taxi.

- Stephen Ostrander** CMAP
- Debbie Liu** Coalition for a Better Chinese American Community
- Bridget Stalla** CDOT



TUESDAY, 1:30PM–4:30PM | WEDNESDAY, 9:00AM–12:00PM



MEETING POINT: AECOM PLAZA (SEE PG. 6)

City / State DOT Coordination: Chicago's Clybourn Ave Protected Bike Lane Project

Ride through Chicago's near northwest side to discuss the challenges and opportunities that Chicago's diagonal streets present for people bicycling. Participants will see intersection treatments deployed on Milwaukee Avenue, one of the nation's busiest streets for bicycling, and then ride over to the Clybourn Ave protected bike lane, named 5th Best Bike Lane in America in 2015 by People for Bikes. Chicago DOT and Illinois DOT staff will discuss how the two departments collaborated to implement the first protected bike lane in Illinois on a State Jurisdiction roadway. Hear how they overcame

historical disagreements on bicycle lane design in urban environments, and why a positive working relationship between the City and the State is so critical in building a bike lane network. Data collection, outreach strategies, and design details will be discussed. Participants will also ride on Chicago's downtown protected bike lanes, The 606 elevated trail, and Chicago's beautiful Lakefront Trail.

This WalkShop is sponsored by the Illinois Department of Transportation.

Brian Roberts CDOT

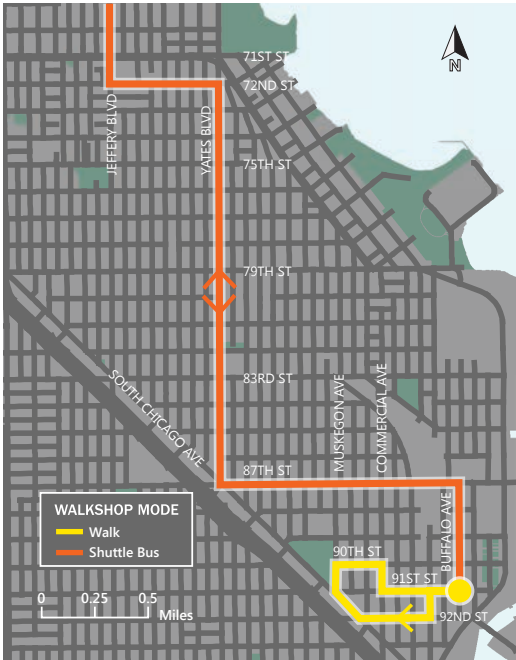
Carlos Feliciano IDOT

Scott Smith Chaddick Institute

Riley O'Neil Chaddick Institute



TUESDAY, 1:30PM–4:30PM | WEDNESDAY, 9:00AM–12:00PM



MEETING POINT: SHUTTLE BUS AREA (SEE PG. 6)

Creating Kid-Friendly Streetscapes

KaBOOM! is inspiring cities across the country to transform infrastructure as playful opportunities that engage kids by being wondrous, challenging, convenient, inviting, shared and unifying. Whether it’s on a sidewalk, at a bus stop, or on the train, moments of frustration can become moments of play, joy, and wonder. During the tour we will play our way in two of Chicago’s southeast communities: South Shore and South Chicago. In South Shore we will visit a KaBOOM! playground to discuss its youth-centered design approach and the complex access challenges that have led us to make a national call to Play Everywhere. In South Chicago, along the “main street” of Commercial Avenue, the City of Chicago is working with a community coalition led by World Sport Chicago to bring playful placemaking where children are challenged to play outside for fear of traffic, lack of supervision, and gang activity. It’s time that our city infrastructure signal to kids that we care about their happiness, health, and development. Join us as we explore what play means to childhood, imagine what our streetscapes can look like when we design with kids in mind, and learn best practices for creating playful streetscapes filled with joy.

- Aisha Alexander & Naudy Martinez** *KaBOOM!*
- Liz Halvorson & Kelly Rutherford** *World Sport Chicago*
- Andrea Porter** *Claretian Associates*
- Dan Lira** *South Chicago Development Commission*
- Danielle Richards** *CPD CAPS*
- Ismael Cuevas** *10th Ward*

TUESDAY, 1:30PM–4:30PM | WEDNESDAY, 9:00AM–12:00PM



MEETING POINT: VEVEY 3

Data Matters: Harnessing the IoT for Smart Mobility

From sensors to cameras to GPS probes, the Internet of Things (IoT) is making it possible to collect an unprecedented amount of mobility data to better understand our streets and to move people along our streets more efficiently. Chicago is home to one of the largest deployments of video cameras in the world and this tour will walk along Michigan Ave, Roosevelt Rd, State St, and Wacker Dr, four major streets in downtown Chicago, to see how the City is collecting data and directing mobility through automated systems. WalkShop participants will first see the impressive Array of Things, the City’s urban sensing project that collects real-time data on the environment, infrastructure, and activity for public and research use. Participants will also see advanced traffic signal controllers, video detection cameras, and multi-functional video cameras that monitor traffic volumes, speed and occupancy. Finally, hear from City staff on the successes and challenges of Chicago’s automated red light camera and speed enforcement cameras.

Tom Schenk *Chicago Dept of Innovation and Technology*

TUESDAY, 1:30PM–4:30PM | WEDNESDAY, 9:00AM–12:00PM



MEETING POINT: ST. GALLEN 1/2

Designing a Fully Accessible City

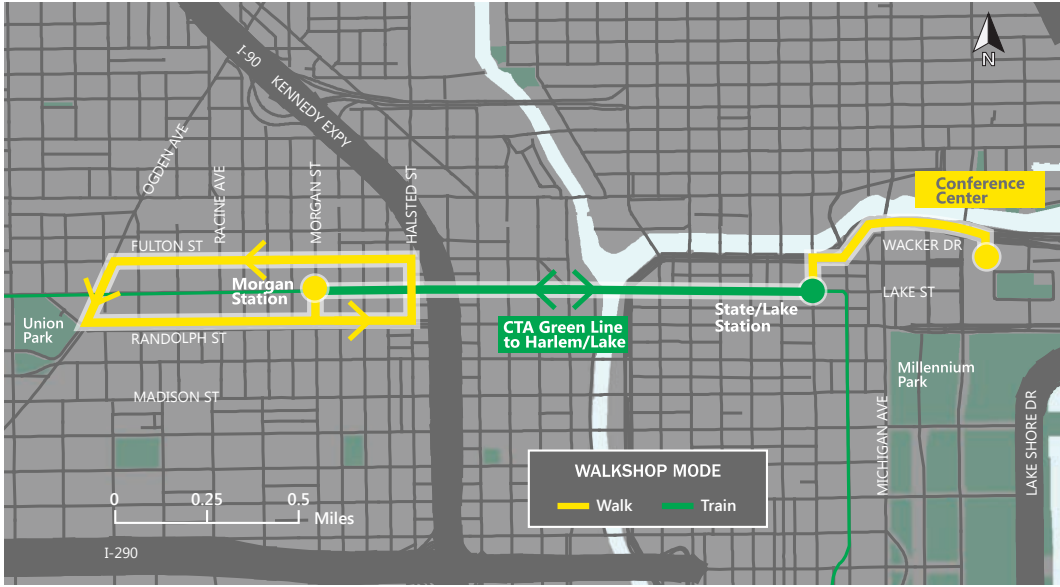
The City of Chicago's stated goal is to become the most accessible and inclusive city in the United States. Since the Americans with Disabilities Act (ADA) went into effect more than 25 years ago, Chicago has made great strides in accomplishing that goal. Once considered one of the most difficult places in the United States for people with disabilities to live, work and visit, it has become a national model for inclusion and access. In this WalkShop we will learn about the various ways in which the City of Chicago has improved accessibility for people with disabilities traveling in the City. We'll sample Chicago's extensive accessible rail and bus transportation systems, experience what it's like to use accessible taxicabs and walk along the City's accessible sidewalks and pedestrian paths, including the newly renovated Riverwalk to learn how a modern City opens opportunities to people with disabilities by ensuring that all aspects of its transportation system are accessible.

Joe Russo Mayor's Office of People with Disabilities

Laurel Dittmann Mayor's Office of People with Disabilities

Sonali Tandon CTA

TUESDAY, 1:30PM–4:30PM | WEDNESDAY, 9:00AM–12:00PM



MEETING POINT: VEVEY 2

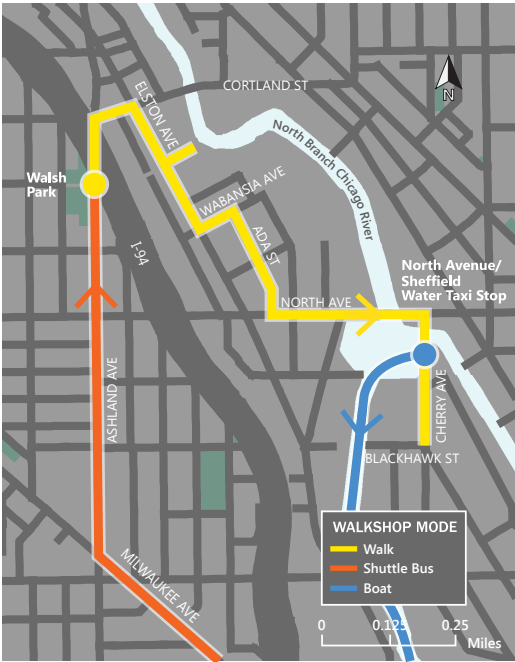
From Forklifts to Fine Dining and Industry to Entertainment—Tour Historic Randolph / Fulton Market

Randolph/Fulton Market, one of Chicago’s fastest growing neighborhoods, is transforming from a former meatpacking/wholesale district to a trendy residential/nightlife destination. Take the Green Line to the Morgan St Station, one of CTA’s newest transit stations, and hear how transit investment has spurred incredible economic growth, see the under construction Fulton Streetscape and hear how this soon-to-be flex street will accommodate the vast uses occurring at different times of the day, and hear about how developers balance the

neighborhood’s historic designation with increasing the residential and employment density in the area.

- Roberto Rodriguez** *CDOT*
- Matt Crawford** *Chicago Dept of Planning and Development*
- Rajiv Pinto** *CDOT*
- Gerardo Garcia** *Chicago Dept of Planning and Development*

TUESDAY, 1:30PM–4:30PM | WEDNESDAY, 9:00AM–12:00PM



MEETING POINT: SHUTTLE BUS AREA (SEE PG. 6)

From Industry to Innovation: the Rebirth of Goose Island and the North Branch Industrial Corridor

Goose Island and the surrounding North Branch Industrial Corridor is quickly transitioning from industrial land use to prime real estate located between two of Chicago's most desirable neighborhoods - Lincoln Park and Bucktown. Hear how City officials are working to change zoning designations in a way that encourages growth that continues to support jobs and emerging sectors, while also realizing the latent demand for increased residential and commercial uses. Explore the island and surrounding area to see the major transportation challenges that exist, and learn about the visionary ideas under consideration to address an increase in people trips to and through the area.

This WalkShop is sponsored by Nelson\Nygaard and Chicago Water Taxi.

Erika Sellke Chicago Dept of Planning and Development

Kathy Dickhut Chicago Dept of Planning and Development

Pete Costa Nelson\Nygaard

Alyson Fletcher Nelson\Nygaard



TUESDAY, 1:30PM–4:30PM | WEDNESDAY, 9:00AM–12:00PM



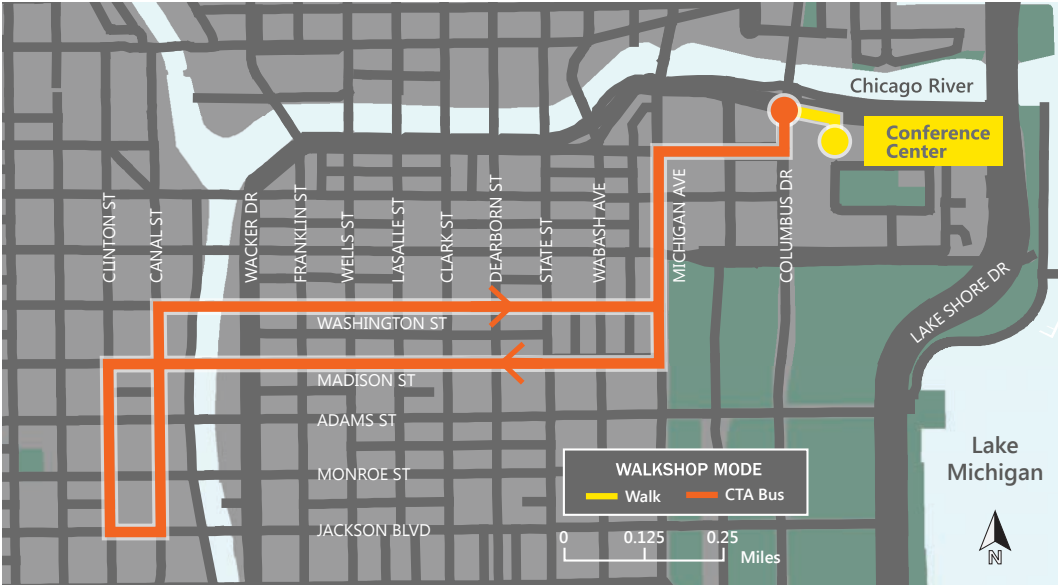
MEETING POINT: PRIVATE DRIVE, SOUTH OF EVENT CENTER DOORS

Grant Park: Chicago's Front Yard

Grant Park has gone through several major transformations since its initial conception in the mid-19th century. Originally, the site was key to connecting the Illinois Pacific rail yard to the boat docks. Today, it is considered one of Chicago's major cultural attractions, and includes Buckingham Fountain, Petrillo Music Shell, the Art Institute of Chicago, Millennium Park, and Maggie Daley Park. The park also hosts large events, including the Taste of Chicago and Lollapalooza. CDOT has been involved in a number of large infrastructure projects in the Grant Park area, including rerouting Lake Shore Drive to remove the infamous S curve on the north end and create a Museum Campus on the south end, Millennium Park (which was previously rail tracks and parking lots), and the Lakefront Busway. We will explore Grant Park's transportation history and illustrate how the city coordinates special event transportation in Grant Park.

- Philip Banea** CDOT
- Michael Lange** CPD (Parks)
- Benet Haller** Cook County

TUESDAY, 1:30PM–4:30PM | WEDNESDAY, 9:00AM–12:00PM



MEETING POINT: ST. GALLEN 1/2

Implementing Chicago Union Station’s Master Plan

Union Station is a key transportation asset and economic driver for the Chicago region. It is the third-busiest railroad terminal in the United States, serving over 300 trains per weekday carrying about 120,000 arriving and departing passengers – a level of passenger traffic that would rank it among the fifteen busiest airports in the U.S. CDOT, in partnership with Amtrak (the station’s owner), Metra (the station’s primary tenant), and other stakeholder organizations have prepared and are now implementing a Union Station Master Plan that includes both transportation-related capacity improvements and transit-oriented

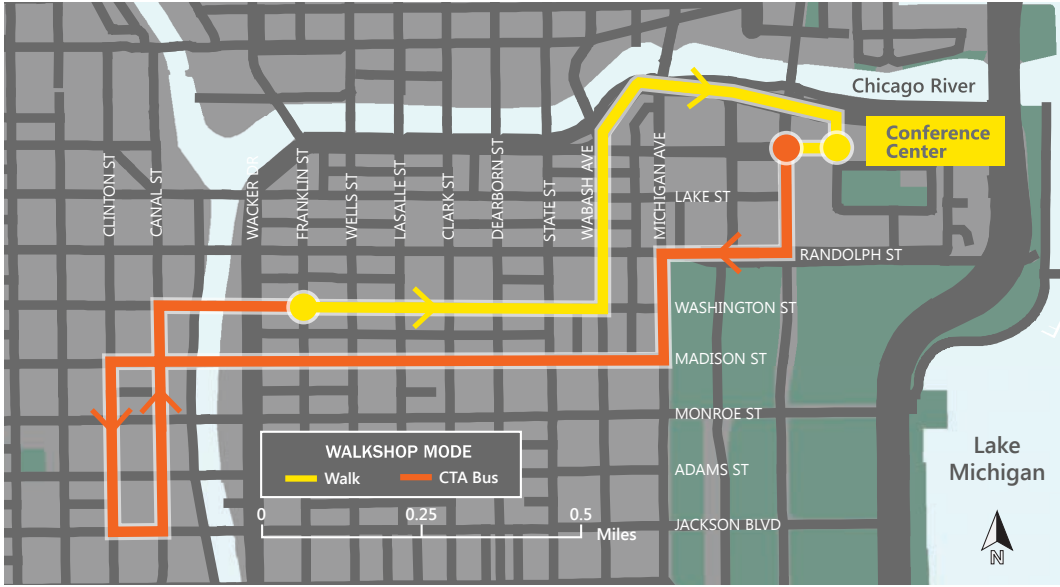
development surrounding the station. This WalkShop will include an introduction to the Master Plan and the Master Development effort, as well as a behind-the-scenes tour of Union Station highlighting station operations and improvements that have been completed, are currently underway, and are planned for the future. We will explore the station’s passenger spaces, connecting facilities including the Loop Link BRT and Union Station Transit Center bus terminal, and associated transit-oriented redevelopment spaces and sites.

This WalkShop is sponsored by Arup.

- Jeff Sriver** CDOT
- Christina Arthur** CTA
- Amtrak**



TUESDAY, 1:30PM–4:30PM | WEDNESDAY, 9:00AM–12:00PM



MEETING POINT: SOUTHWEST CORNER OF COLUMBUS DR. & WACKER DR.

Modernizing Transit Service in the Loop

Tour Chicago’s newest transit investments in the heart of downtown—the Loop Link bus and complete streets improvements; the Union Station Transit Center; and the Washington-Wabash CTA Elevated Transit Station. Loop Link is a modern transportation upgrade on Washington, Madison, Clinton and Canal that moves people efficiently through the Loop while improving connections between neighborhoods and the central business district. The project managers and designers will discuss the new dedicated bus lanes, bus-only traffic signals, boarding stations, and protected bike lanes

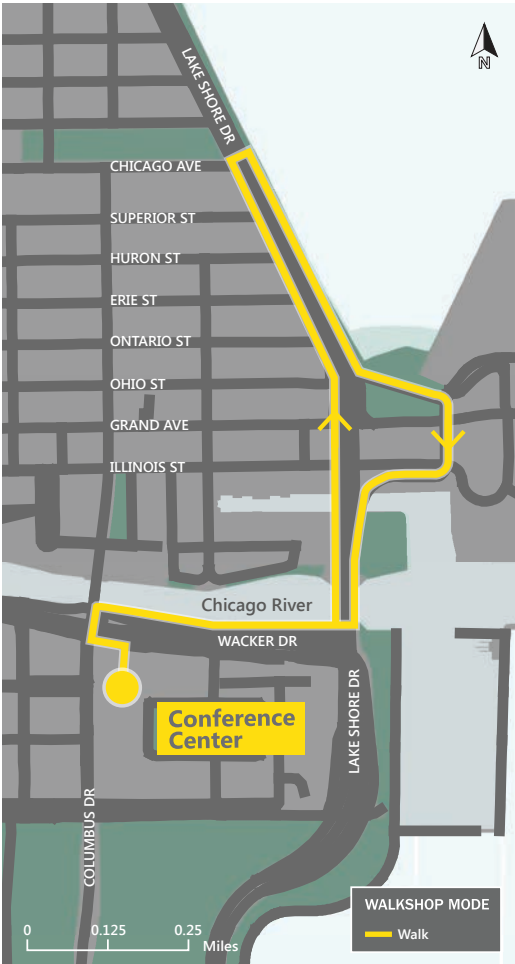
installed as part of the project. Connected by the Loop Link on opposite ends of downtown are two new state-of-the-art facilities; the Union Station Transit Center bus terminal and the Washington/Wabash CTA Station that replaces two century-old stations with a modern, fully accessible station serving as a gateway to the east side of the Loop and Millennium Park.

This WalkShop is sponsored by AECOM.

- Jenna Brose** AECOM (Tuesday)
- Stan Wang** AECOM (Wednesday)
- Soliman Khuderia** CDOT
- Julian Silva** CDOT
- Nick Smith** CTA (Tuesday)
- Jen Henry** CTA (Wednesday)



TUESDAY, 1:30PM–4:30PM | WEDNESDAY, 9:00AM–12:00PM



MEETING POINT: VEVEY 1

Northside Lakefront Improvements - Trail Separation Projects and North Lake Shore Drive Reconstruction

Enjoy a beautiful stroll along Chicago’s Lakefront Trail, the country’s busiest off-street trail, to see how CDOT and the Chicago Park District are investing in trail improvement projects to provide greater separation between the many different users of the trail. Riding north from downtown, participants will hear about the stunning Navy Pier Flyover – a new ped/bike bridge under construction that will mitigate conflicts at the Trail’s busiest points, see recently completed trail separation improvement projects, and hear about shoreline protection efforts that have also resulted in increased open space and better pedestrian and bike accommodations. Also hear from CDOT and IDOT on the planning progress of the complete reconstruction of North Lake Shore Drive and the opportunities the project presents for better transit service, better trail accommodations, and increased open space.

This WalkShop is sponsored by HNTB, T.Y. Lin International, and the Illinois Department of Transportation.

- Lubka Benak** CDOT
- Steffan Schoenauer** CPD (Parks)
- Kimberly Murphy** IDOT
- Jen Henry** CTA (Tuesday)
- Nick Smith** CTA (Wednesday)
- Dan Anderson** T.Y. Lin
- Johann Aakre** HNTB



TUESDAY, 1:30PM–4:30PM | WEDNESDAY, 9:00AM–12:00PM



MEETING POINT: MONTREUX 3

Placemaking & Tactical Urbanism in West Lakeview

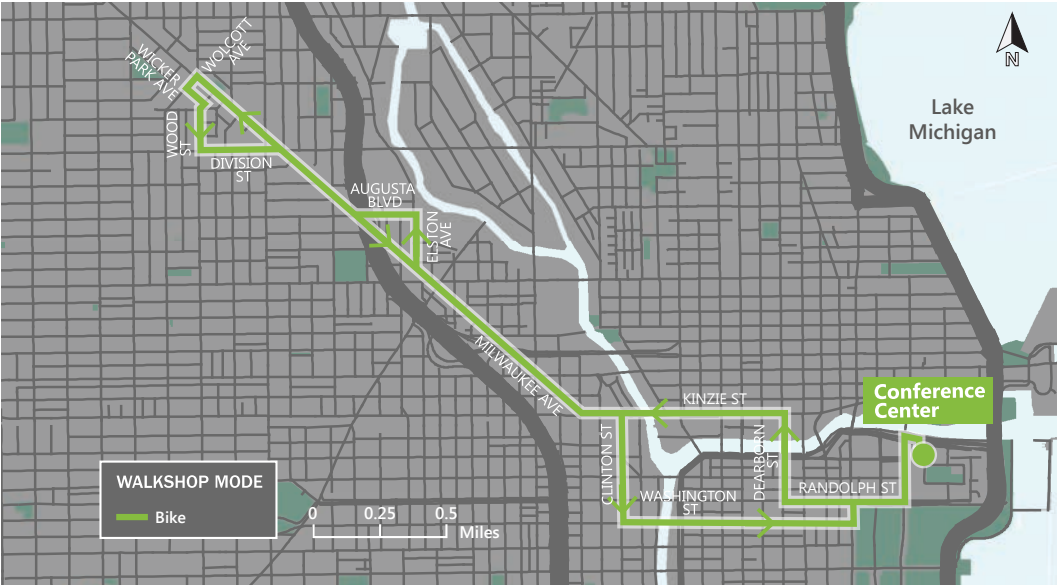
How can community-based organizations lead the way to re-envision streets and public spaces? The Lakeview Chamber of Commerce and SSA 27 have invested significantly in enhancing the public realm in Chicago's West Lakeview community. From parklets and temporary street closures to pilot intersection design and re-purposing space under the elevated rail tracks, this community has been experimenting and innovating to meet the need for more people-friendly public space. This tour will visit completed as well as planned project sites. Learn how the City of Chicago is enabling locally-led projects, how big impact can be achieved with a small budget, and how cities can partner with local organizations to test interim designs before undertaking significant capital projects.

Lee Crandell *Lakeview Chamber*

Dillon Goodson *Lakeview Chamber*



TUESDAY, 1:30PM–4:30PM | WEDNESDAY, 9:00AM–12:00PM



MEETING POINT: AECOM PLAZA (SEE PG. 6)

Protected Bike Lanes vs. On-Street Parking

Designing protected bike lanes on corridors with on-street parking and limited right-of-way widths can be challenging. This bike tour will showcase several protected bike lane projects that were installed by removing parking in order to prioritize people biking and walking. Tour leaders will share parking removal strategies that have led to success as well as some of the challenges in removing on-street parking spaces. The tour will include stops on protected bike lanes throughout Chicago’s downtown network as well as Kinzie Street, Milwaukee Avenue, Elston Avenue, and Clybourn Avenue. These projects provide

great examples of how city staff, the advocacy community, and business organizations can come together to create streets that are successful for residents, business owners, and visitors by designing for people biking and walking, not parking.

- Dave Smith** *CDOT*
- Jim Merrell** *Active Transportation Alliance*

TUESDAY, 1:30PM–4:30PM | WEDNESDAY, 9:00AM–12:00PM



MEETING POINT: MONTREUX 1/2

Streets for People

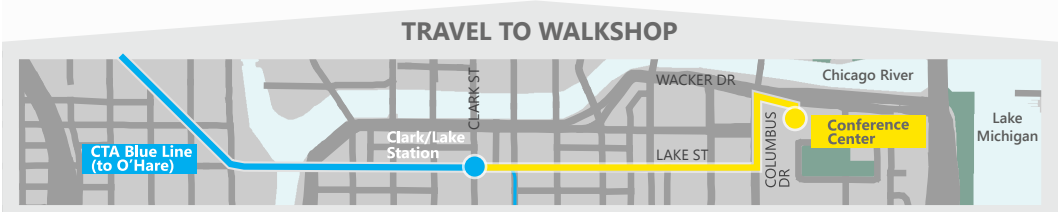
From a busy corridor of Asian shops and restaurants to a bustling college campus street, see two examples of people-oriented street transformation projects on Chicago's north side - the Argyle Shared Street and the Kenmore Woonerf. Learn about design and outreach challenges and successes, stormwater best management practices, and how the communities are engaged to ensure successful projects. The tour will wrap up at a newly transformed plaza adjacent to the recently renovated Loyola CTA Station, a former vacant lot that now offers students and the community active and attractive outdoor space.

Ellen Schmidt *Site Design*

Jennifer Clark *Loyola*



TUESDAY, 1:30PM–4:30PM | WEDNESDAY, 9:00AM–12:00PM



MEETING POINT: ST. GALLEN 3

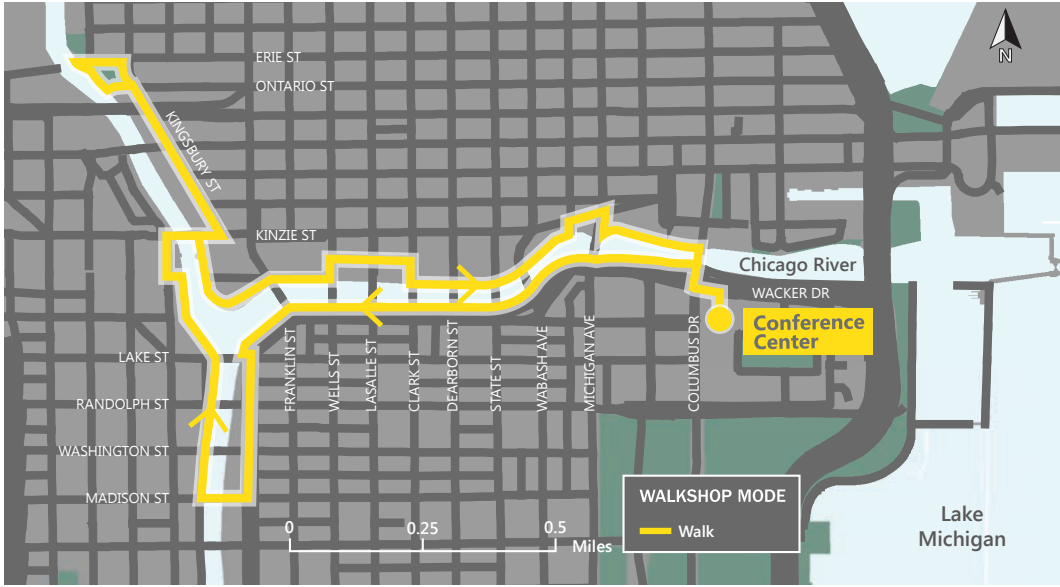
The 606: Turning One Transportation Solution into Another

A century ago in Chicago, freight train traffic at street level caused thousands of fatalities each year. Responding to outcry from citizens, the city required the railroad companies to elevate their tracks. An engineering marvel in its day, the Bloomingdale Line was elevated without disrupting train traffic. A hundred years later with train traffic on the line reduced to almost nothing, the city once again responded to citizen outcry, this time for more park and green space. The 606, with the Bloomingdale Trail as its centerpiece, opened in 2015 as a 2.7 mile bicycle, running, and strolling path. Tour

participants will walk the length of the trail and learn about the success and challenges of designing, funding and building what Bicycle Magazine called “One of Our Favorite Bike Paths, Anywhere.”

Caroline O’Boyle *Trust for Public Land*

TUESDAY, 1:30PM–4:30PM | WEDNESDAY, 9:00AM–12:00PM



MEETING POINT: ST. GALLEN 1/2

The Chicago River: Redevelopment and Restoration

Walk along the Chicago River to visit several recently completed Riverwalk segments financed and built through private developments as part of the City's 30' Riverfront Setback Ordinance. Hear how developers use riverfront sites to attract residents and employees, expand the City's riverwalk, and add to the downtown's waterfront openspace. Also learn how the City is planning to address constrained sites along the River to develop a continuous Riverfront Trail through downtown and the entire City of Chicago. Participants will also get to experience the recently completed, publicly

financed Riverwalk between State Street and Lake Street.

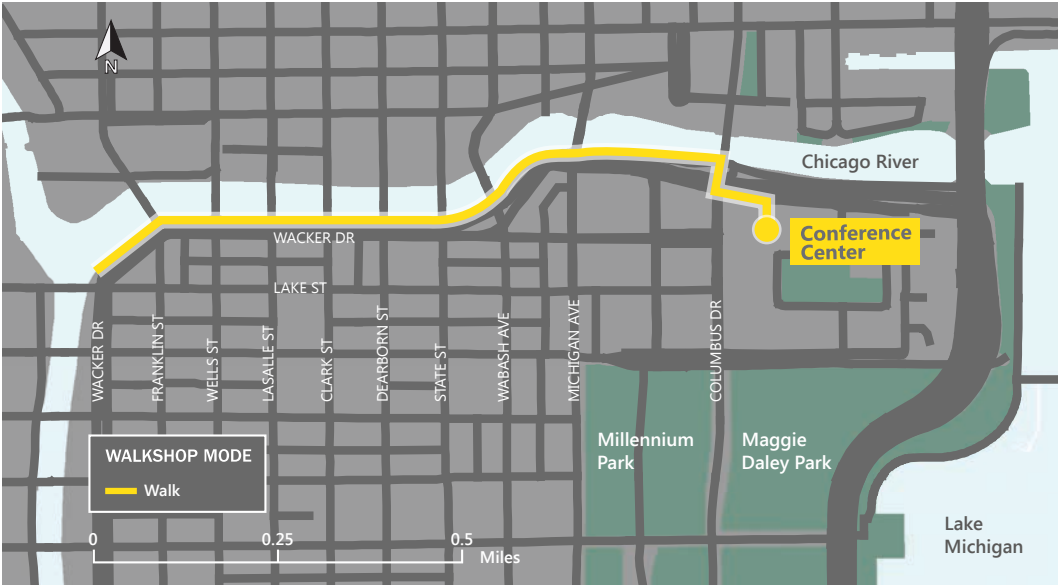
This WalkShop is sponsored by WSP.

Nelson Cheung *Chicago Dept of Planning and Development*

Lawrence Shure *Chicago Dept of Planning and Development*



TUESDAY, 1:30PM–4:30PM | WEDNESDAY, 9:00AM–12:00PM



MEETING POINT: VEVEY 1

The Chicago Riverwalk: Building Public Space in an Urban Waterway

Over the last decade, the Chicago Riverwalk project has reclaimed the Chicago River for the ecological, transport, recreational and economic benefit of the city. While years ago, the goal of embracing the river as an amenity seemed impossible, given the river’s high levels of pollution, recent improvements in water quality and increased public recreational use signal growing life along the river, demanding new connections to the water’s edge. The City of Chicago recently completed the 1.25 mile Riverwalk with the opening of the final six blocks between State Street and Lake

Street. With new connections that enrich and diversify life along the river, each block takes on the form and program of a different river-based typology. As a new connected path system, the Chicago Riverwalk provides both continuity and variety. The distinct programs and forms of each typological space allow for diverse experiences on the river ranging from dining opportunities to expansive public event programming to new amenities for human-powered craft. This WalkShop will show each of the distinct areas of the Riverwalk, discuss their design features, and programming goals. Participants will also see legacy Riverwalk projects and hear of future plans to extend the Riverwalk even further.

Michelle Woods *Department of Fleet & Facilities Management*

TUESDAY, 1:30PM–4:30PM | WEDNESDAY, 9:00AM–12:00PM



MEETING POINT: MONTREUX 1/2

Unifying Uptown Through Infrastructure and Design

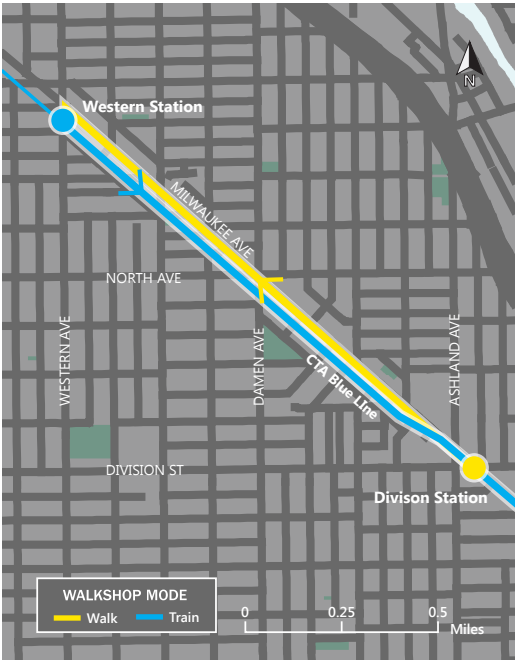
Uptown is one of Chicago's most diverse neighborhoods. The area at the intersection of Broadway and Lawrence, anchored by iconic structures such as The Riviera Theater, The Uptown Theater and The Aragon Ballroom, is known for its diverse entertainment enclave. Argyle Street offers an extensive variety of Asian restaurants and retailers, serving as a center of Asian culture in the City. These active corridors are easily accessed and linked to the rest of the City (and each other!) through the CTA's Red Line and the Leland Greenway. Learn how CDOT and the CTA have worked with the Uptown community to further promote connectivity along these corridors through design and infrastructure improvements that promote walking, bicycling, transit use and neighborhood identity.

This WalkShop is sponsored by the Highway Safety Research Center.

- Vanessa Irizarry** CDOT
- Eric Hanss** CDOT
- Steve Hands** CTA
- Dan Gelinne** UNC HSRC



TUESDAY, 1:30PM–4:30PM | WEDNESDAY, 9:00AM–12:00PM



MEETING POINT: ST. GALLEN 3

Wicker Park Bucktown: Old and New, a Bicycle and Pedestrian Friendly Neighborhood in a Historic Commercial District

Milwaukee Avenue in the Wicker Park Bucktown neighborhoods is an eclectic mix of old and new. Now known for its artistic and independent spirit, this landmark district is one of the most intact commercial streets from the late-nineteenth and early-twentieth centuries in Chicago. What began as a trade route is now often referred to as the “hipster highway” due in large part to the high volume of bicycle traffic. As one of the few diagonal streets in Chicago’s predominantly grid-like map, it poses a unique set of planning challenges and opportunities for innovation. On this tour, we will walk up Milwaukee Avenue to Damen Ave up to the 606, an old rail line turned public park. We will visit two historic but now underutilized plazas and discuss efforts to revitalize them. We will also stop at two intersections where the diagonal street has created challenging conditions and discuss the steps we have taken to improve the conditions for all users, especially people walking and biking. Along the way, we will see other initiatives to keep the neighborhood bicycle and pedestrian friendly while continuing to enhance the artistic vision of our district.

Jessica Wobbekind *Wicker Park Bucktown Chamber of Commerce*

Brent Norsman *Norsman Architects*

Katherine Darnstadt *Latent Design*

Lindsay Bayley *CMAP*

WEDNESDAY, 9:00AM–12:00PM



MEETING POINT: PRIVATE DRIVE, SOUTH OF EVENT CENTER DOORS

Microsoft City Next: Taking Transportation to the Next Level

Join the Microsoft City Next sponsored WalkShop to experience transit solution insights at the Microsoft Technology Center in Chicago. A 10-minute walk from the conference site, WalkShop registrants will be welcomed for a tour of the technology center, presentation and panel discussion co-hosted with Microsoft partners. Microsoft and their partners are transforming existing transportation infrastructure - including assets, data and devices – into groundbreaking traffic management solutions. Panelists will include Cubic Corporation, with solutions to empower multi-modal mobility in cities with their cloud based Urban Revenue Management. Eastbanc Technologies will share how transparency and analytics provide cities with insight needed to improve service delivery of taxicabs, buses and snowplows. Microsoft City Next Transportation solutions will pave the way for civic leaders to solve an ever-growing list of transportation-related problems.

Join the conversation during the Microsoft City Next WalkShop to hear from Microsoft and their City Next partners about how cloud based transit focused solutions may modernize the citizen experience.

This WalkShop is sponsored by Microsoft.



THURSDAY, 9:30AM-1:30PM



MEETING POINT: SOUTHWEST CORNER OF COLUMBUS DR. & WACKER DR.

A More Perfect Union: Transit Investments and Economic Development on Chicago's Southside

Chicago's Southside has a rich history of industrial and cultural innovation, as well as a complex history of segregation and population loss. Each community area has a distinct identity, from the National Monument in Pullman, to the University of Chicago in Hyde Park, to the former steel mills in South Chicago. Recent years have seen the development of new job centers, from companies and varied as Method, Whole Foods, and Ford. This tour will visit community areas already well-served by transit and those without rail or fixed-guideway access to downtown. It will showcase transit projects that have a strong economic development component, including rehabilitating and enhancing existing transit assets, as well as viewing the footprint of a planned extension project. Community development approaches will be shared, from workforce development strategies to using architecture to create a community gateway, to coordination with locally-bred economic development and public art initiatives. Transit and transportation have a role to play in the economic opportunities in our cities and communities – come see how Chicago is embracing that vision.

- Leah Mooney** CTA
- Katie Bell** CTA
- Gerald Nichols** CTA

THURSDAY, 9:00AM-1:00PM



MEETING POINT: AECOM PLAZA

Capacity, Capacity, Capacity: Heavy Rail Investment through the Heart of Chicago’s Northside

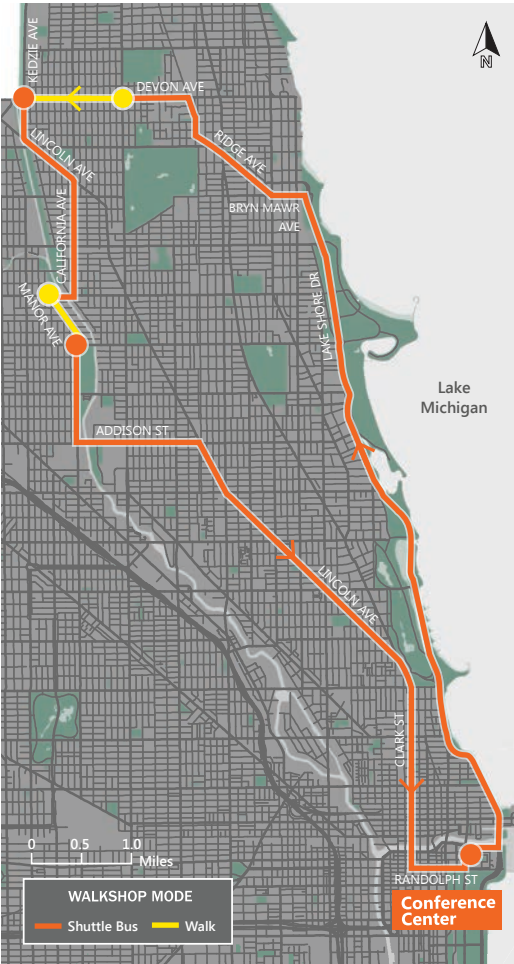
Join CTA on a tour through diverse Northside neighborhoods to learn how CTA plans to integrate new infrastructure as part of the first phase of the Red and Purple Modernization (RPM) within an existing built up community. CTA’s busiest rail line—the Red Line—is nearing 100 years old, is at the end of its useful life, and has reached its capacity. The RPM Phase One will completely rebuild the several stations and all the tracks and support structures for more than a mile. The stations will become fully ADA accessible for the first time and include wider platforms, better lighting and modern amenities. The project will also construct a bypass just north of Belmont station for northbound Brown Line trains to modernize the 100-year-old Clark junction where Red, Purple and Brown Line trains currently intersect. Learn how CTA plans to integrate this extensive infrastructure project into dense, diverse, and built up neighborhoods. The tour will make stops at Belmont station in Lakeview to view the Red-Purple Bypass area and at the Bryn Mawr station in Edgewater to explore the historic retail district. We’ll discuss historic preservation, transit oriented development, bus and pedestrian improvement, and community outreach efforts being pursued in the implementation of this project.



This WalkShop is sponsored by HNTB and T.Y. Lin International.

Steve Hands CTA
Daniel B. Drew T.Y. Lin International

THURSDAY, 9:00AM–1:00PM



MEETING POINT: SHUTTLE AREA (SEE PG. 6)

Chicago’s Devon Avenue— a Multicultural Corridor

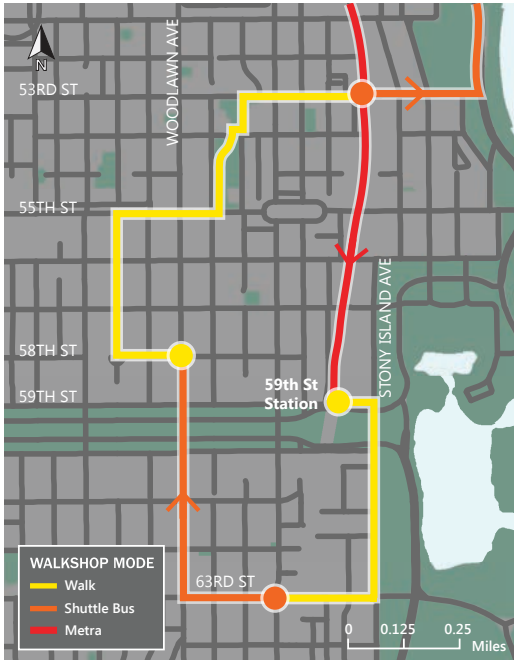
Explore the diverse West Rogers Park neighborhood on Chicago’s far north side, known for its Indian and Jewish culture, and see the recently completed streetscape project that has turned the vibrant Devon Ave corridor into a much more people-oriented street. Also see recent and under construction trail improvement projects that will help create a continuous Chicago River Trail.

This WalkShop is sponsored by Epstein.

- Lubka Benak** CDOT
- Greg Osborne** Epstein
- Randy Drussel** Chicago Park District



THURSDAY, 9:30AM-1:30PM



MEETING POINT: SWISS LOBBY

Chicago's Hyde Park Neighborhood

Explore Chicago's beautiful Hyde Park neighborhood, home to the University of Chicago, Frank Lloyd Wright's Robie House, Jackson Park, and soon the Obama Presidential Center. Participants on this casual walking tour will also see a transformative road diet project, a developer-funded shared street, public art, and beautiful vistas along Chicago's south lakefront.

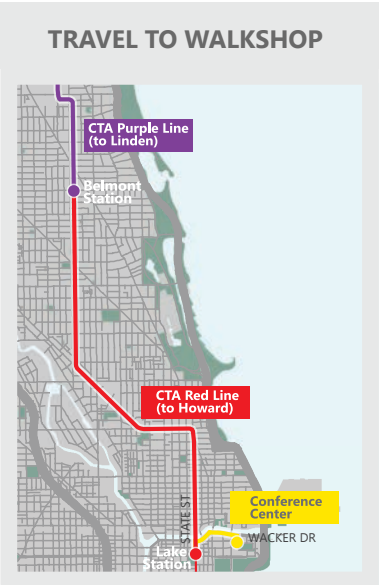
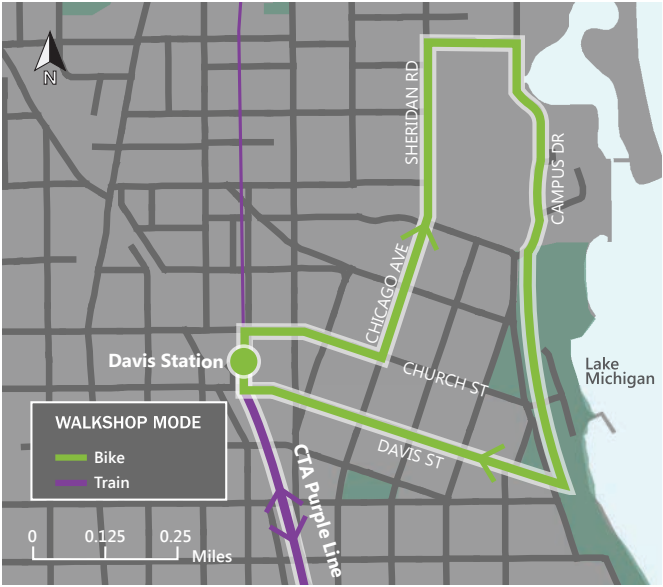
Luann Hamilton *CDOT*

Eric Hanss *CDOT*

Sarah Sheehan *University of Chicago*



THURSDAY, 9:00AM–2:00PM



MEETING POINT: SWISS LOBBY

Complete, Green and Age Friendly: How Transportation Investments are Moving Evanston’s Livability Brand Forward

Travel to Chicago’s nearest northern suburb and learn how Evanston embraced its mix of urban-grids and quiet neighborhoods to foster its brand as the Most Livable City. In just 5 years, Evanston has installed three generations of separated and protected bicycle facilities, a shared curbsless street and launched the northern expansion of the Chicagoland Divvy Bike Share system. Evanston has used transportation to define its unique community character and improve the

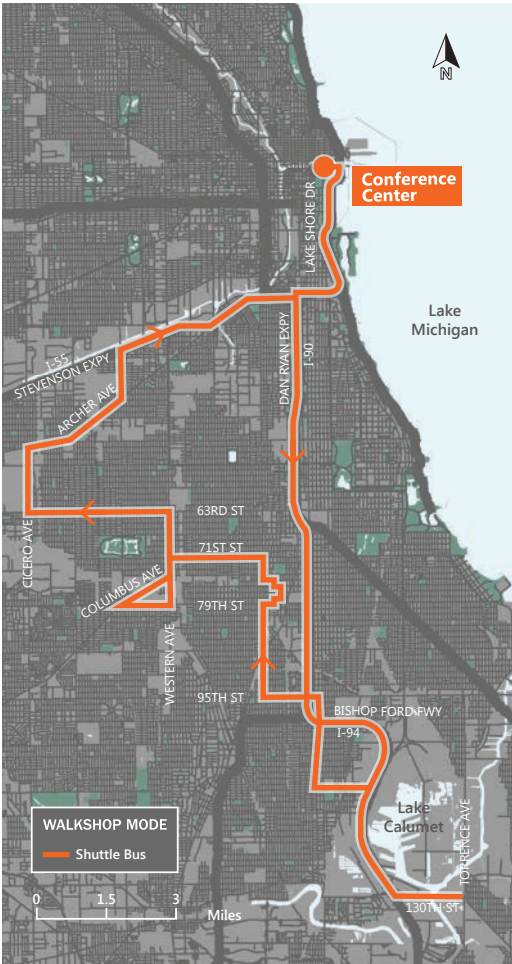
community’s livability for its residents. Tour Evanston and Northwestern University’s campus via train, Divvy, and foot to discuss the lessons learned from multiple generations of on and off street bicycle facility investments, and best practices for integrating sustainable transport amenities into campus and city infrastructure.

This WalkShop is sponsored by Christopher B. Burke Engineering, Ltd.

- Dave Stoneback** *City of Evanston*
- Katherine Knapp** *City of Evanston*
- Lara Biggs** *City of Evanston*
- Kathia Benitez** *Northwestern University*
- Michael E. Kerr** *Christopher B. Burke Engineering*



THURSDAY, 9:00AM–1:00PM



MEETING POINT: SHUTTLE AREA (SEE PG. 6)

CREATE: Decongesting Chicago’s Rails—and Neighborhoods

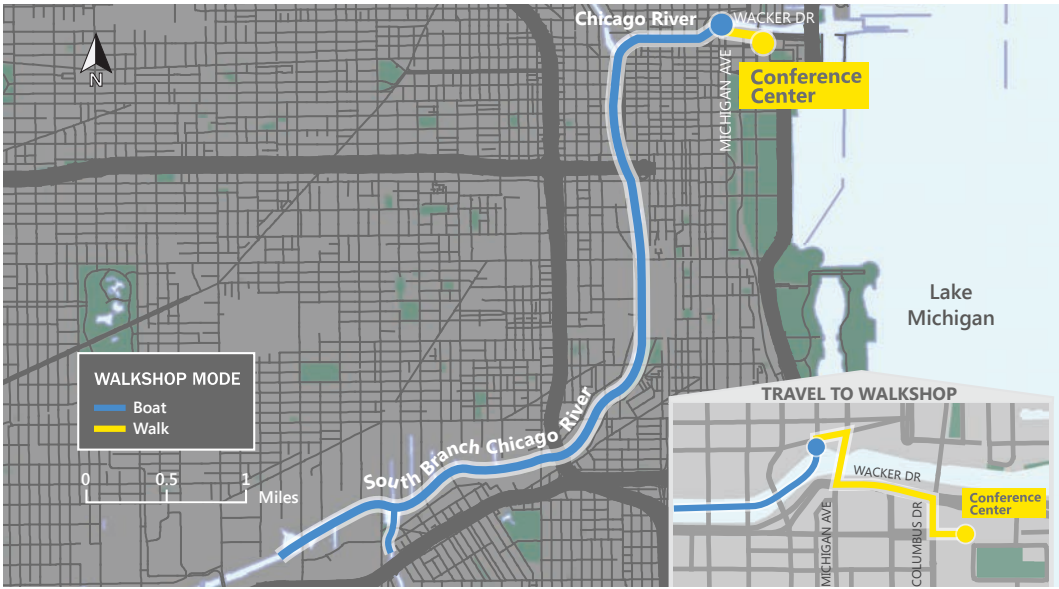
This WalkShop will provide an overview of the CREATE Program, a \$4.4 billion region-wide freight and passenger railroad infrastructure improvement plan. This first-of-its-kind partnership between U.S. DOT, the State of Illinois, City of Chicago, Metra, Amtrak, and the nation’s freight railroads is critical to maintaining Chicago’s status as the busiest rail hub in the United States. Each day, nearly 1,300 trains pass through our region: one-fourth of the nation’s freight rail traffic (37,500 freight railcars per day). We will visit the sites of several completed and planned railroad capacity enhancement and grade separation projects on the South and Southwest Sides of Chicago that affect freight, passenger, and commuter trains, as well as local circulation of people walking, biking, taking transit, and driving. We will also visit one of the 19 intermodal freight rail yards in the region and learn how containerized freight is transferred between trains and trucks. The tour will not only explain how the CREATE projects are improving freight transportation in and around Chicago, but also how they are enhancing the functionality and safety of streets, improving the quality of life, and mitigating any undesirable effects in the neighborhoods near railroad infrastructure.

This WalkShop is sponsored by the Illinois Department of Transportation.

- Jeff Srivier** CDOT
- Joe Alonzo** CDOT
- IDOT Rep**
- Railroad Rep**



THURSDAY, 9:00AM-12:30PM



MEETING POINT: MICHIGAN AVE WATER TAXI DOCK

Great Rivers Chicago - Reconnecting Chicago and our Rivers

The Chicago River has undergone tremendous change over the past few decades, and more transformation is happening as we speak. The river is being embraced more and more for recreation, real estate development, commerce and habitat. The results of just the past few years are staggering – the award-winning Riverwalk, new Park District boathouses, huge increases in kayaking and water taxi usage, while maintaining the river as a transportation corridor for heavy freight. This tour by boat will explore how these opportunities and challenges are being

planned and managed, how the Our Great Rivers vision ties them together, and what’s to come, particularly in terms of river trail planning and land use policy.

This WalkShop is sponsored by Wendella.

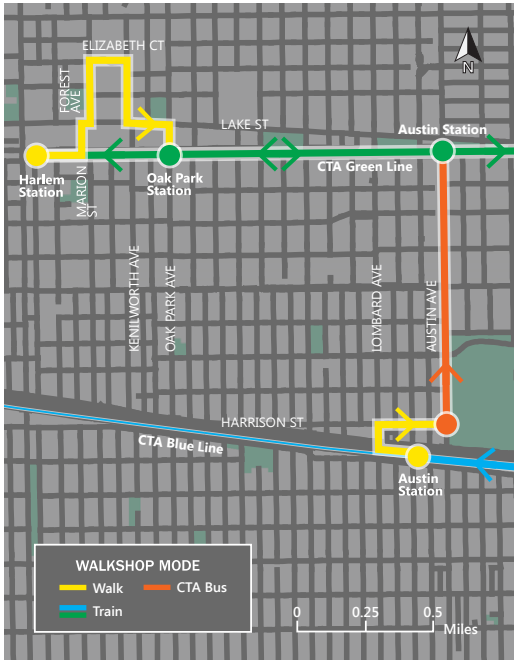
Josh Ellis Metropolitan Planning Council

Steve Simmons Active Transportation Alliance

Nelson Cheung Chicago Dept of Planning and Development



THURSDAY, 9:00AM–2:00PM



MEETING POINT: SWISS LOBBY

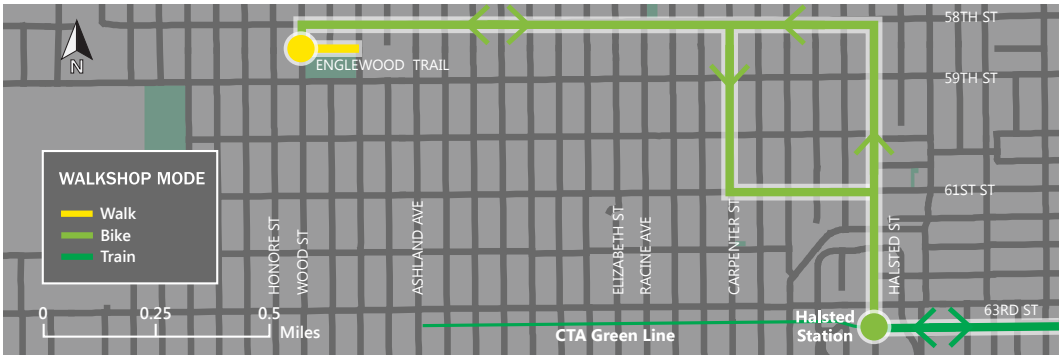
Oak Park: Frank Lloyd Wright’s Urban Suburb

Explore Oak Park, less than 10 miles west of downtown Chicago and well served by transit with the Green and Blue elevated train lines of the Chicago Transit Authority and Metra commuter trains providing direct access to and from the Loop. The village is home to the world’s largest collection of Frank Lloyd Wright designed buildings and houses, with 25 structures built between 1889 and 1913. Oak Park has a Walk Score of 78 and a transit score of 61 for the 52,000 people that live in this 4.5 square mile village. Village staff will discuss recent and ongoing strategies and initiatives that ensure transportation and land use decisions maintain this ‘suburbs’ urban form. Participants will see public art integrated into public transit infrastructure in a unique way that supports professional artists as well summer youth employment, will hear about recent TOD projects and Divvy bikeshare, and will see artsy crosswalks, woonerfs, bump outs and bike shelters incorporated into this unique suburb. Finally, participants will be able to take a quick tour of Frank Lloyd Wright’s Unity Temple and hear how tourism influences transportation and wayfinding.



- Cara Pavlicek** *Village of Oak Park*
- Tammie Grossman** *Village of Oak Park*
- Bill McKenna** *Village of Oak Park*
- Camille Wilson** *White Oak Park Area Arts Council*

THURSDAY, 9:00AM-1:00PM



MEETING POINT: AECOM PLAZA

The Englewood Line: Trail and Urban Agriculture District on a Vacant, Elevated Rail Line

The Englewood Line is a planned trail along a 2-mile abandoned rail line that bisects the Englewood and West Englewood Community Areas and forms the spine of a proposed urban agriculture district. The City of Chicago, working with nonprofits, community organizations and residents, conducted a Health Impact Assessment of the trail and began a community planning project to develop a trail vision, apply for federal funds, and move the trail and urban agriculture district towards implementation. This WalkShop will take participants to Englewood via the CTA Green Line. From there

we will walk or Divvy to the Englewood Line ROW and stroll along the proposed trail route, talk about the trail, the urban agriculture district, and proposed projects adjacent to the trail. Along the way participants will experience a truly unique part of Chicago that includes Growing Home, one of the City’s largest urban farms. The tour will be hosted by the Chicago Departments of Planning and Development and Transportation in conjunction with members of Greencorps, Grow Greater Englewood and other trail stakeholders.

Brad Roback *Chicago Dept of Planning and Development*

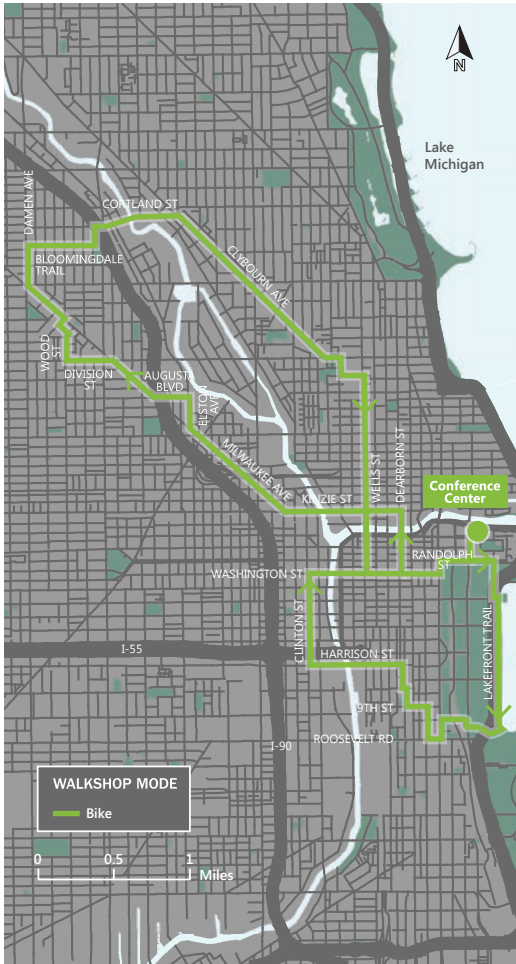
Edde Jones *CDOT*

Anton Seals *Grow Greater Englewood*

Mecca Bey *Grow Greater Englewood*

Harry Rhodes *Growing Home*

THURSDAY, 9:30AM-1:30PM



MEETING POINT: AECOM PLAZA (SEE PG. 6)

Tour the “Best Bike City” in the United States

Spend your last day of the conference riding around Chicago to see and hear why Bicycling Magazine named Chicago the “Best Bike City” in the United States in 2016 (one of the reasons? It’s flat!). This tour will combine portions of the shorter tours offered on Tuesday and Wednesday and highlight almost all of the design elements found in NACTO’s Urban Bikeway Design Guide. City staff and local advocates will lead the tour and discuss some of Chicago’s biggest successes in building out its bike network – including the Divvy Bike Share system, the downtown protected bike lane network, the Bloomingdale Trail and 606 Park, and new bridges providing access to the Lakefront Trail for all Chicagoans. Participants will also hear about the challenges local officials face and strategies for overcoming these challenges.

Dave Smith *CDOT*
Heather Schady *Active Transportation Alliance*



National Association of
City Transportation Officials

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Los Angeles DOT*

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Linda Bailey

Executive Director

About NACTO

NACTO's mission is to build cities as places for people, with safe, sustainable, accessible and equitable transportation choices that support a strong economy and vibrant quality of life. We do this by:

- Communicating a bold vision for 21st century urban mobility and building strong leadership capacity among city transportation officials.
- Empowering a coalition of cities to lead the way on transportation policy at the local, state, and national levels.
- Raising the state of the practice for street design that prioritizes people walking, biking, and taking transit.

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Acknowledgments

NACTO would like to express its appreciation to its member cities' staff for their many contributions to the 2017 Designing Cities conference. You are the heartbeat of NACTO, working every day to re-imagine streets as places for people and changing the conversation about transportation in cities across the country. Thank you for the engaged participation, the generosity in sharing experiences, and the collective commitment to designing better cities.

Thank you to the City of Chicago for serving as a superb host city for the Designing Cities conference, and special thanks to the Chicago Department of Transportation for showcasing your streets and initiatives. NACTO sincerely appreciates the extraordinary cross-departmental support for this conference from the City of Chicago and the State of Illinois, including from the Illinois Department of Transportation, for the contributions and support that made this conference such a reflection of the region's strengths.

Special thanks to Chicago Department of Transportation Commissioner Rebekah Scheinfeld, Managing Deputy Commissioner Kevin O'Malley, and Deputy Commissioner Luann Hamilton for their leadership, and to NACTO liaisons Mike Amsden and David Seglin for their skillful contributions and tireless coordination work. Special thanks also to the local fundraising committee: Joe Iacobucci, Amar Rajpurkar, Emily Tapia-Lopez, Chris Kopp, Randy Neufeld, and Doug Farr.

Thank you to all speakers, session moderators, and tour leads for their expert contributions, and to all volunteers for their enthusiastic support.

Thank you to the Chicago Transit Authority for contributing Ventra cards for conference attendees, opening the door to the Chicagoland region via public transit. Thank you to Divvy for offering free bike share access to all conference attendees, and to Dero for ensuring quality bike parking.

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NACTO Staff: Linda Bailey, Aaron Villere, Abhimanyu Prakash, Alex Engel, Ankita Chachra, Corinne Kisner, Craig Toocheck, Eduardo Pompeo, Fabrizio Prati, Jenny O'Connell, Kate Fillin-Yeh, Laurie Alemian-Derian, Majed Abdulsamad, Matthew Roe, Melinda Hanson, Mollie Pelon, Nicole Payne, Sasha Berger, and Skye Duncan.

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