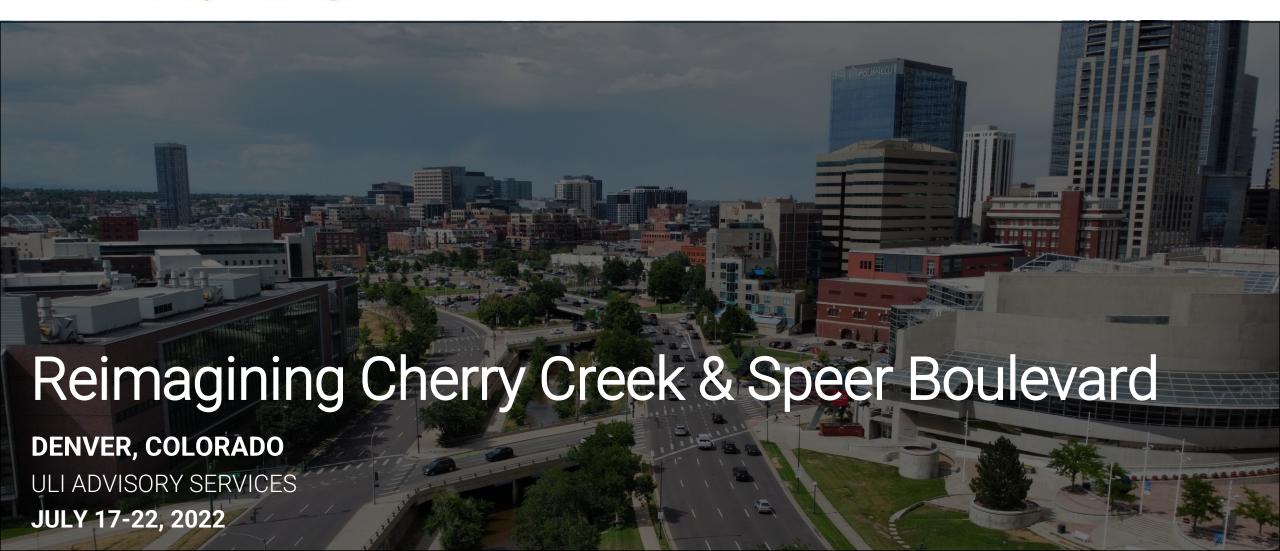


Advisory Services Program

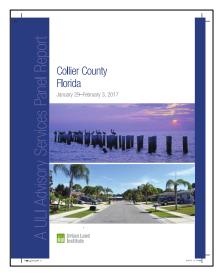


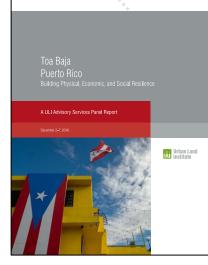
Cherry Creek/Speer Boulevard Denver, CO – July 2022

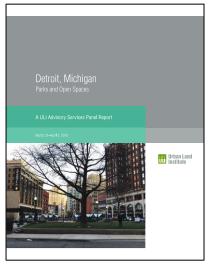
ULI Mission: Shape the future of the built environment for transformative impact in communities worldwide

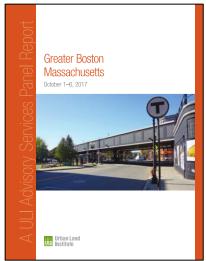
 A multi-disciplinary membership organization with more than 45,000 members in private enterprise and public service

- What the Urban Land Institute does:
 - Conducts Research
 - Provides a forum for sharing of best practices
 - Writes, edits, and publishes books and magazines
 - Organizes and conducts meetings
 - Directs outreach programs
 - Conducts Advisory Service Panels













A five-day process

- Sponsor briefing of challenge or issue
- Site tour
- Stakeholder interviews
- Panel deliberation and recommendations
- Final presentation

Panelists are selected for their subject matter expertise to volunteer and their objectivity





Cherry Creek/Speer Boulevard Denver, CO – July 2022

Reimagining Cherry Creek/Speer Boulevard Advisory Services Panel Sponsors

- City & County of Denver
- Auraria Higher Education Campus
- University of Colorado Denver
- Downtown Development Partnership

The JPB Foundation



Reimagining Cherry Creek/Speer Boulevard Stakeholder Interviewees and Participants

Cherry Creek/Speer Boulevard Denver, CO – July 2022

Abbey Christman * Andrea Kraft * Andrew Iltis * Ann Bowers * Anne Feeser-Olesen * Annie Rose Hill * Annie Levinsky * Anthony Graves * Bill Vitek * Bob Pertierra * Brian McWeeney * Bruce Uhernik * Buzz Gellar * Caelin Johnson * Carl Meese * Cary Weatherford * Chris Herr * Chris Puckett * Chris Shears * Christopher Tryba * Colleen Walker * David Chadwick * David Jula * David Krutsinger * David Tryba * Deborah Cameron * Dick Farley * Dillon McBride * Doug Monroe * Eären Hummel * Edward Brown * Elvis Rubio * Emily Glockner * Gordon Robertson * Greg Dorolek * Happy Haynes * Jamie Price * Janice Sindent * Janine Davidson * Jason Longsdorf * Jenn Hillhouse * Jennifer Sobanet * Jered Minter * Jeremy Hammer * Jill Jennings * Jill Locantore * Jim Watt * Joey Carrasquillo * Jon Gambrill * Josh Laipply * Kate Barton * Kate Davenport * Katie Ross * Kelly Brough * Ken Schroppel * Kourtny Garrett * Laura Aldrete * Laura Rodriguez * Lilly Djaniants * Madeline Grawey * Marie DeSanctis * Marilee Utter * Mark Bernstein * Mark Broyles * Mark Kranz * Marty Steinberg * Matt Mahoney * Matthew Helfant * Michael Kerrigan * Michael Phibbs * Michaela Erikson * Michaele Marks * Molly Wink * Nan Ellin * Philip Friedl * Ray Gonzalez * Rhys Duggan * Rich Carollo * Riley Wines * Rodney Milton * Ryan Aids * Ryan Meeks 8 Sarah Rockwell * Sarah Semple Brown * Shannon Gifford * Steve Sherman * Tangela Wilhite * Tim Jordan * Tobin Bliss * Tracy Huggins * Zach Hermsen * And many more



Reimagining Cherry Creek/Speer Boulevard What We Heard

- A living urban campus
- Leave a 21st century legacy
- Compete on the global stage
- Cherry Creek is a jewel/Cherry Creek is dangerous
- "I work next to Speer Boulevard, but I've never crossed it."
- The Cherry Creek corridor is a valuable, but underleveraged asset that must be capitalized upon
- Greenspaces must yield multiple community benefits economic development, green infrastructure, resilience, etc.
- High quality parks and greenspaces are critical to the future of downtown
- Chance for Denver to do something special with Cherry Creek and parks
- Use water to bring people together
- Be bold!



Reimagining Cherry Creek/Speer Boulevard Advisory Services Panel

Cherry Creek/Speer Boulevard Denver, CO – July 2022

Marilyn Jordan Taylor, FAIA (Panel Chair)

Prof. Architecture & Urbanism University of Pennsylvania Weitzman School of Design Philadelphia, PA

Ryan P. Cambridge, PLA

President, FRMWRK Planning + Design in Indianapolis President, Friends of Overley-Worman Park Indianapolis, IN

Kelly Nagel

Founder & Managing Partner, Residy Bethesda, MD

Wellington "Duke" Reiter, FAIA

Senior Advisor to the President of Arizona State University (ASU) Executive Director of the University City Exchange (UCX), ASU Tempe, AZ

Ross Tilghman

Principal, Tilghman Group Seattle, WA

Yvonne Yeung, MBA, B.LARCH, PMP, LEED ND AP, OALA, CSLA

Chief Executive Officer, SDG Strategies Toronto, Ontario, CAN

ULI Staff

Lauren McKim Callaghan

Director, Advisory Services

Barbra Gustis

Director, Advisory Services and Key Leaders

ULI Panel Advisor

Marilee Utter

President, Citiventure Associates LLC

University of Colorado Denver, College of Architecture & Planning

Caelin Johnson, Year 4 Architect Student, Exp. Graduation Spring 2023 **Riley Wines**, Year 4 Architect Student, Exp. Graduation Spring 2023



The Panel's Key Recommendations

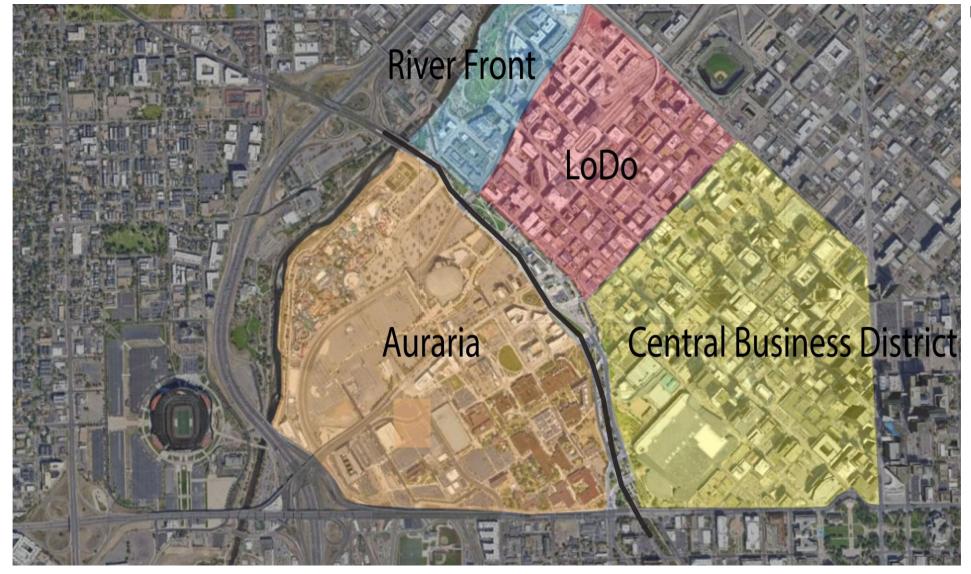
Vision (longer term)

- Embrace the importance of the role of education to Denver's future economy, workforce, identity, and commitment to equity
- Integrate the Auraria Campus and the downtown
- Create mixed-use communities across Auraria, with priority to affordable housing, transitoriented development, and tech partners

Action (now)

- Initiate the change now
- Prioritize inclusion of indigenous peoples and displaced residents and businesses
- Kickstart enhanced safety and connectivity by reconfiguration of Speer Boulevard
- Optimize cross-connections between Auraria and downtown
- Revitalize Cherry Creek to the benefit of Denver's communities









Introduction





Context: Cities and CBDs

Current conditions

- Covid uncertainties
- Workplace patterns disrupted
- Workforce challenges (health, education, other)
- Transportation systems are stressed
- Retail and office vacancy rates
- Housing affordability
- Homeless population
- Social services strains





Context: Higher Education

Current conditions

- Shifting demographics, student profiles
- Access, affordability, persistence
- Graduation rates and employment
- Place-based + digital delivery
- Institutional financial models disrupted
 - Diversify income streams
- Need for partnerships
 - private sector, institutions, government

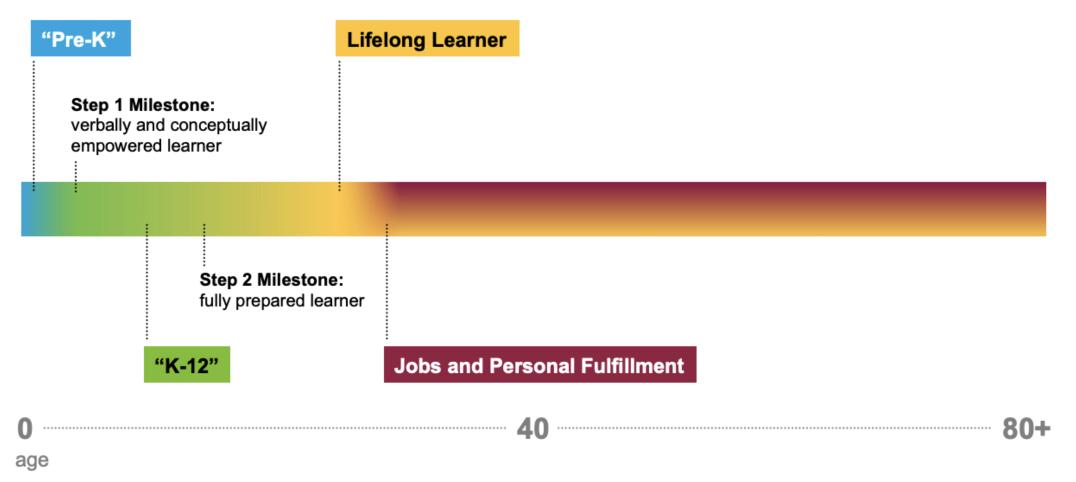




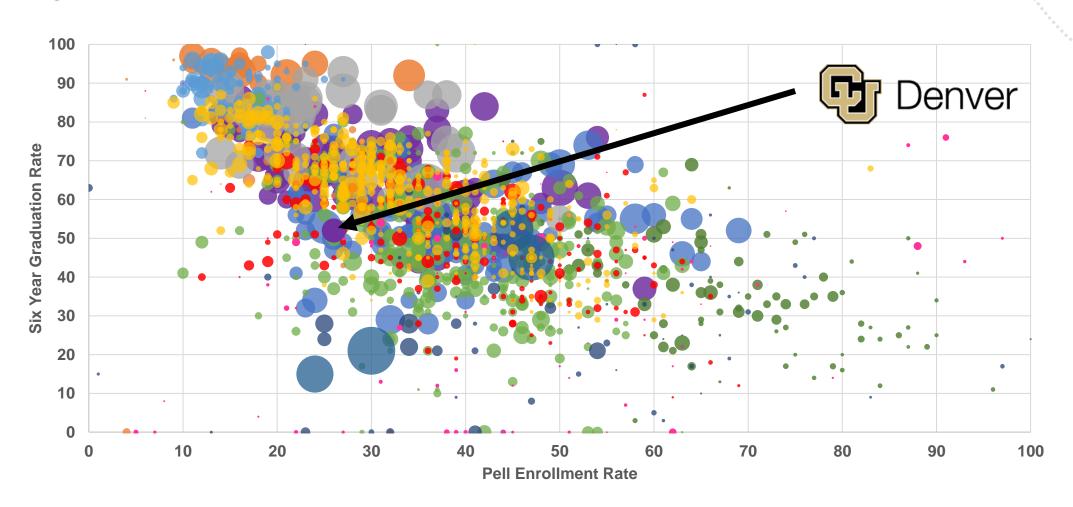
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Context: Life-Long Learning

Coincides with the full spectrum of Auraria Campus options



Regional Scale Universities-Pell Enrollment/6-Yr. Graduation Rates/Total Enrollment

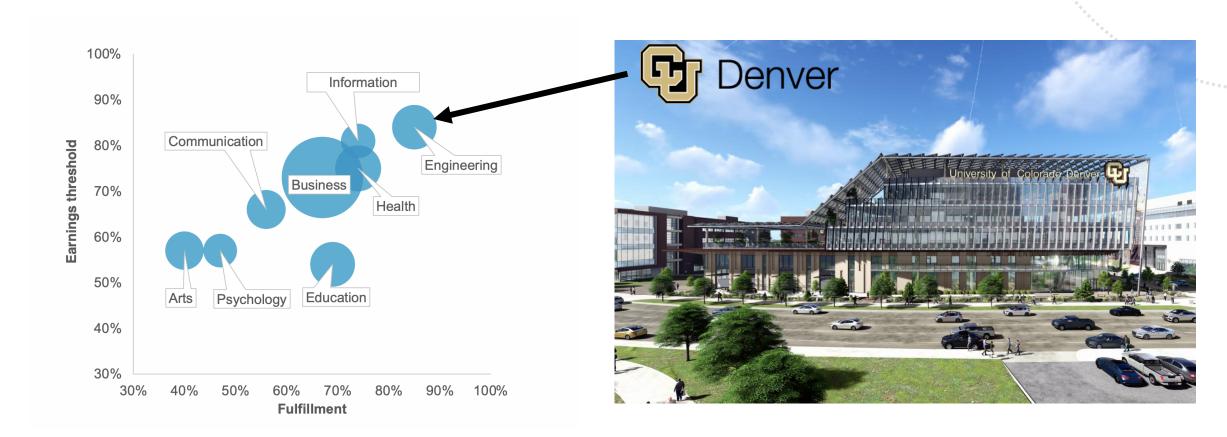




Cherry Creek/Speer Boulevard Denver, CO – July 2022

Context: Student Outcomes

Key investments in the future









Exchange: City + Campus

ASU- Phoenix downtown/Tempe examples





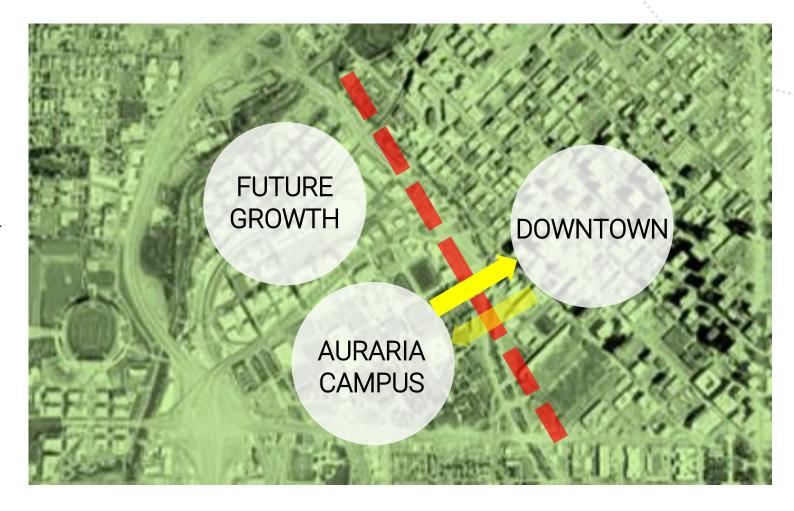
Denver Context: City/Campus

Major components and trends

Downtown - Accelerating the reemergence of the heart of the city must be a priority, addressing economic development, social services, tourism, etc

Education/Auraria Campus - Great cities invariably have a strong higher education component proximate to the businesses, entrepreneurs, and capital that help to drive innovation

New Development - The River Mile, Ball Arena, Empower Field, etc. represent 25K new residents necessitating thoughtful integration





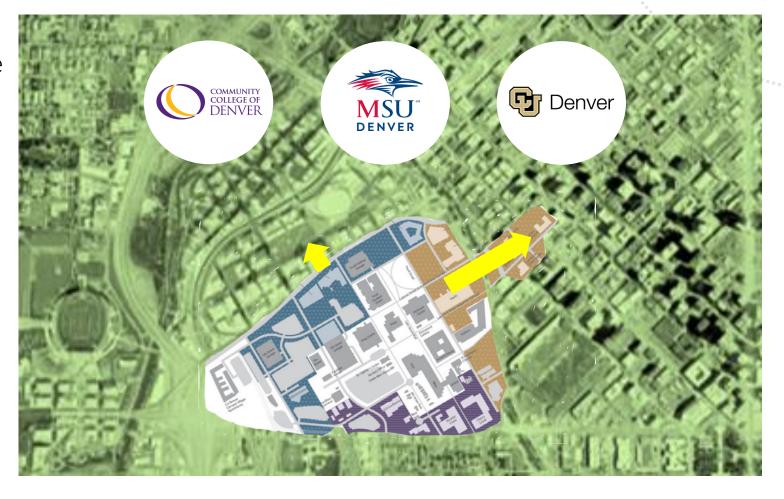
Shared Resource/Singular Identities

Distinct missions and agendas

Community College of Denver (CCD)
Fully accredited two-year college; one of the most diverse colleges in Colorado with 8,000 enrolled

Metropolitan State University (MSU) Founded in 1963; MSU offers 200+ majors, minors, certificates & grad programs with a total undergraduate enrollment of 18,000+

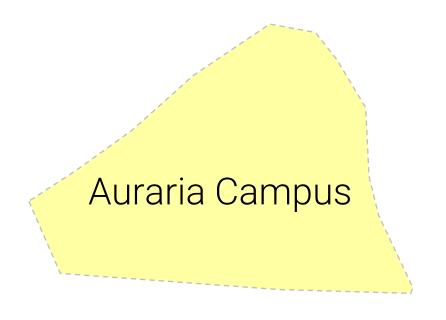
University of Colorado Denver Founded in 1973; 15,000+ students; 110 U&G degree programs; 30+ online degree programs and certificate and non-degree options

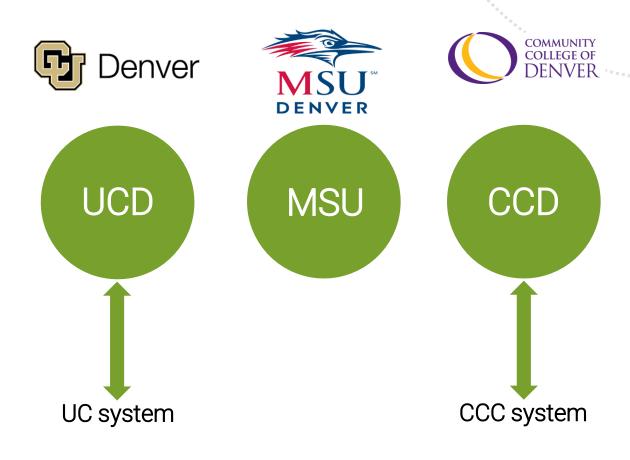




Shared Resource/Singular Identities

Distinct missions and agendas

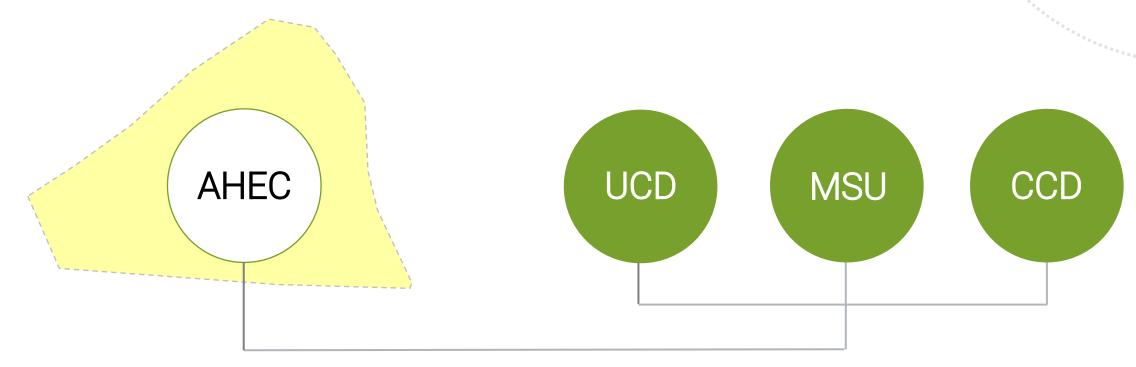




Shared Resource/Singular Identities

Central support + specialized operations

Cherry Creek/Speer Boulevard Denver, CO – July 2022



Auraria Campus Stewardship

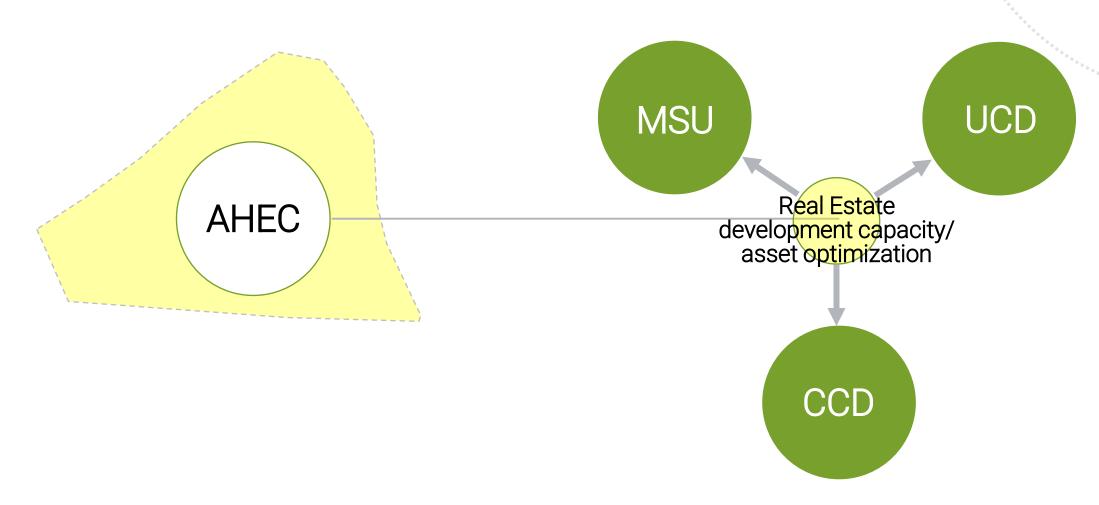


Real Estate Strategy/Development

Denver, CO – July 2022

Cherry Creek/Speer Boulevard

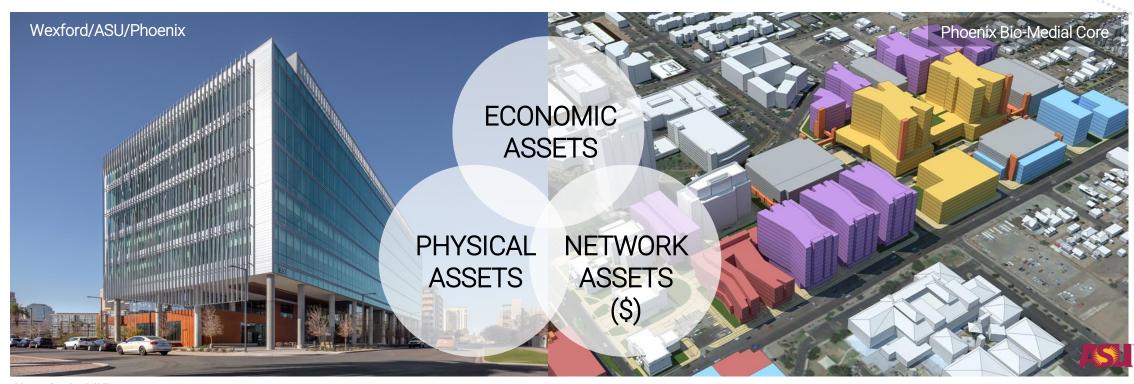
Leverage the 77-acre resource for higher education mission





Definition: Innovation Districts

Rationale for increased real estate capacity



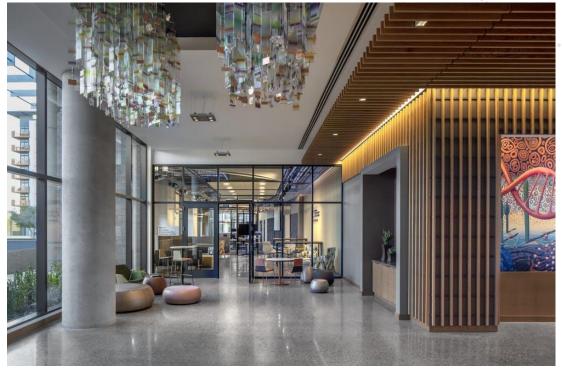




Precedent Case-Study

850 PBC- P3 "spec" lab building

- With Wexford Science + Technology
- 227,000 SF Multi-Tenant Biomedical Research Center
- ASU as a Partner with City of Phoenix –
 IGA to Develop 7 acres of Phoenix
 Biosciences Core
- ASU Real Estate Development as ground lessor to Wexford Science & Technology
 - Negotiated ground lease
 - Additional rent collection from developer
 - Negotiated lab space leases for ASU







Precedent Case-Study

ASU SkySong Scottsdale Innovation Center

- 1.2 million SF mixed-use innovation center development
- 42-acre campus in Scottsdale, AZ
- \$80M infrastructure investment by city of Scottsdale
- <u>University Realty</u> as a financial development partner w/Plaza Companies and city of Scottsdale
- ASU real estate development leases space for university needs (lessee)







Precedent Case-Study

Mirabella @ ASU Lifelong Learning Center

- \$252 million, 613,000 SF community with 250 independent-living residences, assisted living and memory support programs and a skilled nursing and rehabilitation center
- <u>University realty</u> as financial development partner with <u>Pacific Retirement Services</u>
- ASU Real Estate Development as university transactional entity
 - Negotiated ground lease of university property
 - Additional rent payment collection from developer







Real Estate Strategy/Development

Public-Private Partnership (PPP) Structure

- Allows public sector owner of land to work with private sector developers to build the improvements
- Private sector developers can manage the design, construction, financing, and longterm operations in accordance with agreed upon standards and guidelines
- Market conditions and the economy will help dictate the appetite of the private sector's involvement and the speed at which investment will occur
- Multiple funding sources for program management office (PMO)





Real Estate Strategy/Development

Laying the groundwork for program success

- Add real estate responsibilities to existing state entity (AHEC)
- Manage the land and master plan campus
- Engage private developers and negotiate on behalf of the campus
- Unlock full value and potential of Auraria Campus and Speer Boulevard
- Use Speer Boulevard as physical connection between downtown and Auraria Campus
- Collaborate with stakeholders (public and private) to set unified vision for reimagined campus





Part II

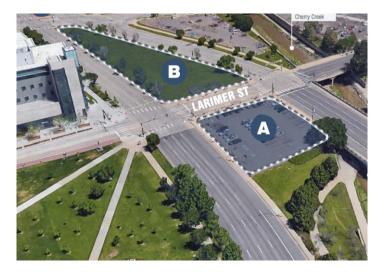




Speer Boulevard/Cherry Creek/Larimer Street

Cherry Creek/Speer Boulevard Denver, CO – July 2022

Gateway infrastructure and pedestrian amenities





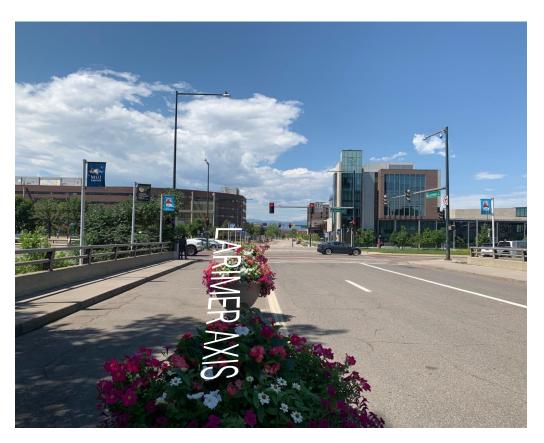




Speer Boulevard/Cherry Creek/Larimer Street

Cherry Creek/Speer Boulevard Denver, CO – July 2022

Gateway infrastructure and pedestrian amenities

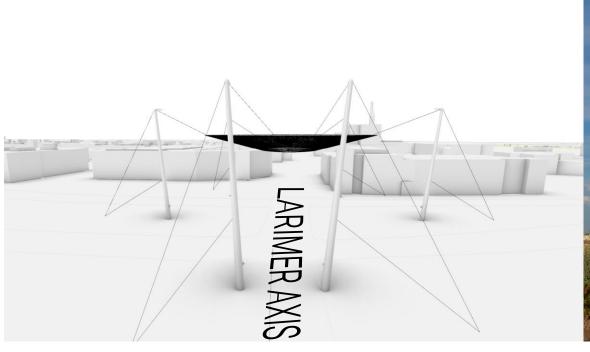






A Signature Marker

Scale matters





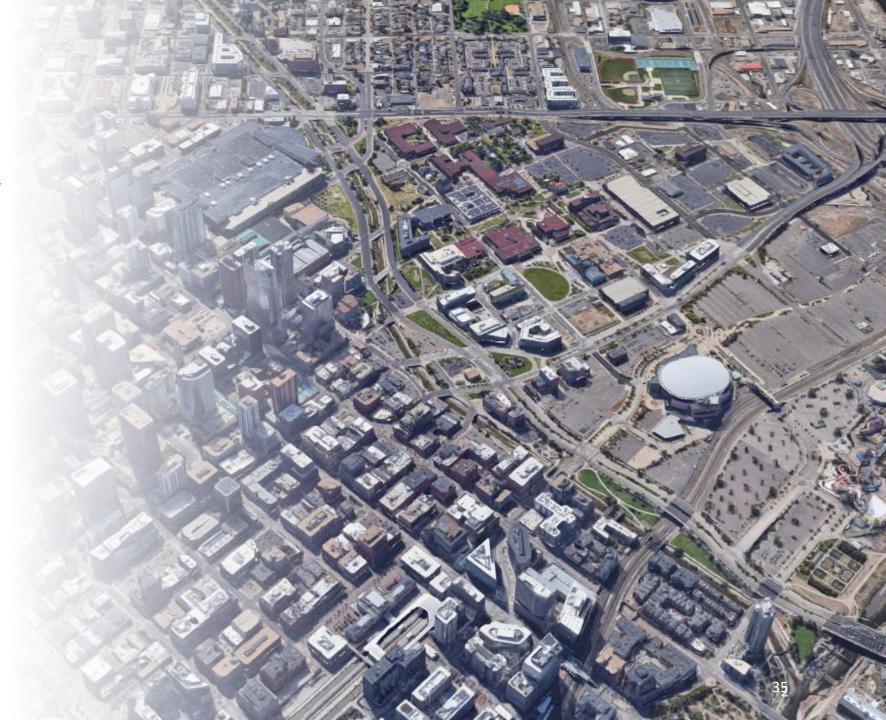






Reimagine 150 Acres with 21st Century Quality

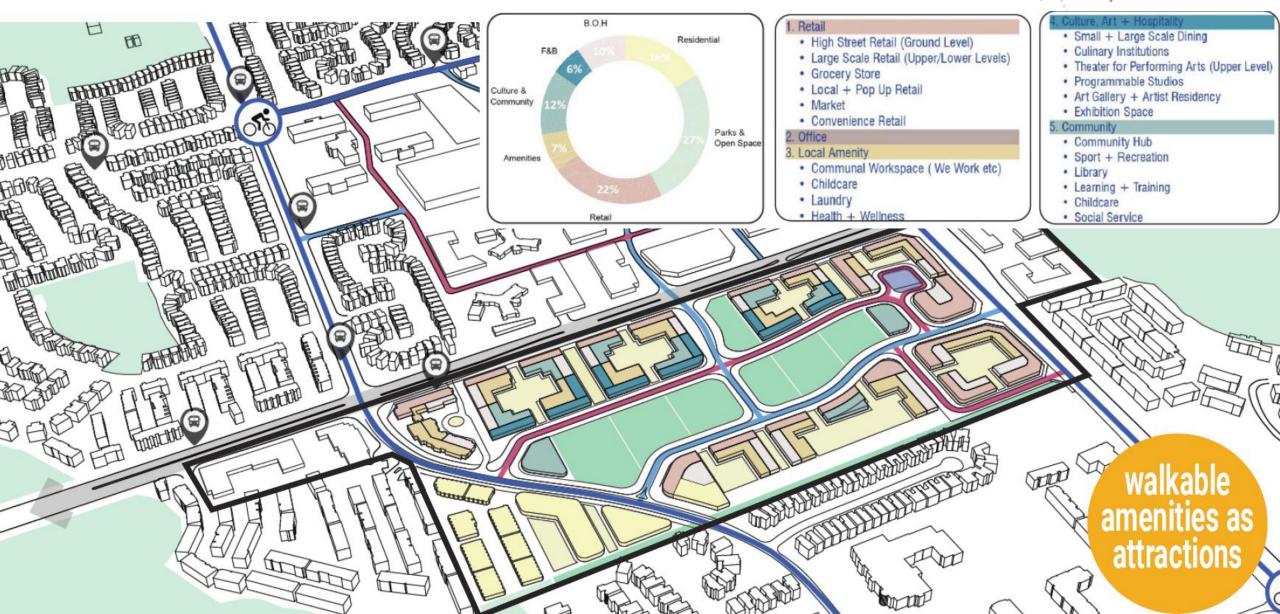
- Create a model of 'Living Urban Campus' with 15-min walkable complete neighborhoods
- Unlock assets and optimize infrastructure
- Family-friendly amenities to attract and retain talent
- Tackle global issues with local solutions
- Climate change and community health
- Quality of life and affordability
- Urban live-work-learn-play



1. High-Density Mixed-Use Development at Stations Cherry Creek/Speer Boulevard



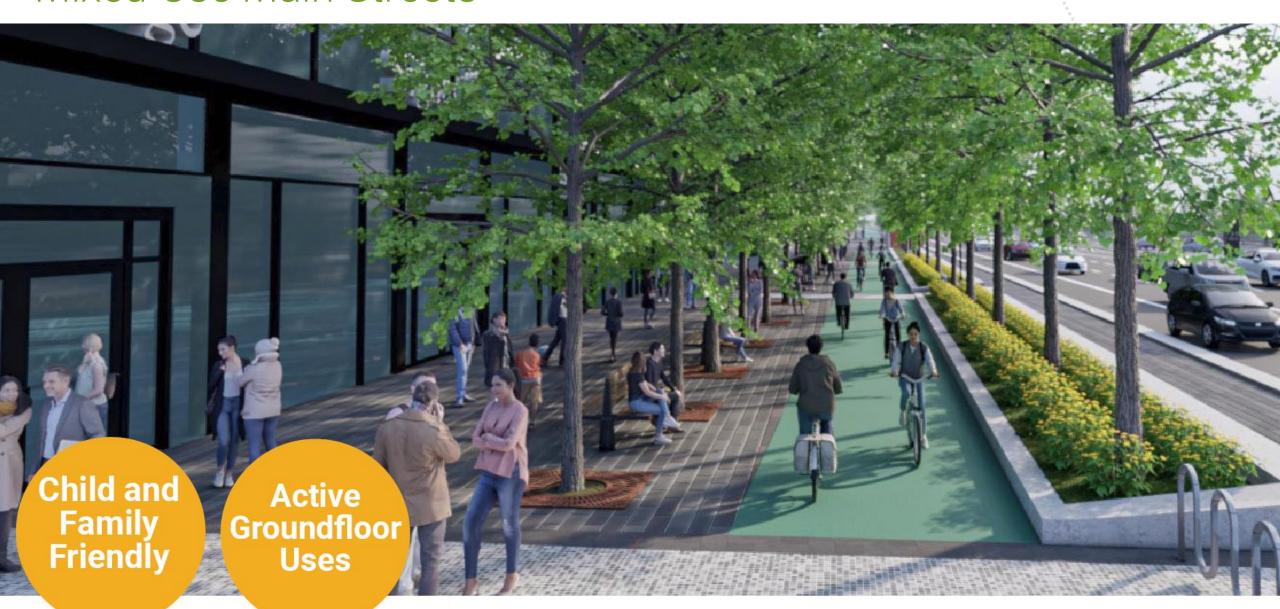
Example of a 15-min Walkable Neighborhood



2. Interconnected Main Streets & Urban Spaces



High-Quality Walking & Cycling Facilities Along Mixed-Use Main Streets



3. Community Hubs as Anchors



Example of a Multi-Use, Inclusive Community Hub

Cherry Creek/Speer Boulevard Denver, CO – July 2022









Health & Social Hub

- Health Clinics
- · Agency Spaces
- · Exhibition Venue
- · Meeting Rooms

Library & Education Hub

Elementary School

- Davcare
- Library
- · Study Space

Recreation & Food Hub

- · Community Kitchen
- · Culinary & Pop-ups
- Gymnasium
- · Dance Studios
- · Lounge & Event

Arts, Culture & Design Hub

- · Performance Space
- Exhibition Venue
- · City Design Centre
- Cultural Workshop
- Agencies Showroom

Technology & Innovation Hub

Lecture Hall & Event

- · Co-work Space
- Start-ups and Accelerators
 Mentoring Space

Green & Ecology Hub

- Urban Agriculture
- · Eco-learning Garden
- Outdoor fitness
- Green energy connections

4. Transform Parking Lots into Vertical Campuses



Example of a Vertical Campus

TOP 330-bed residence

MIDDLE

Digital fabrication lab, flexible research facilities, administration

BOTTOM

Four academic departments: Schools of Nursing, Midwifery, Nutrition, Occupational and Public Health

Design for Time and Space Share

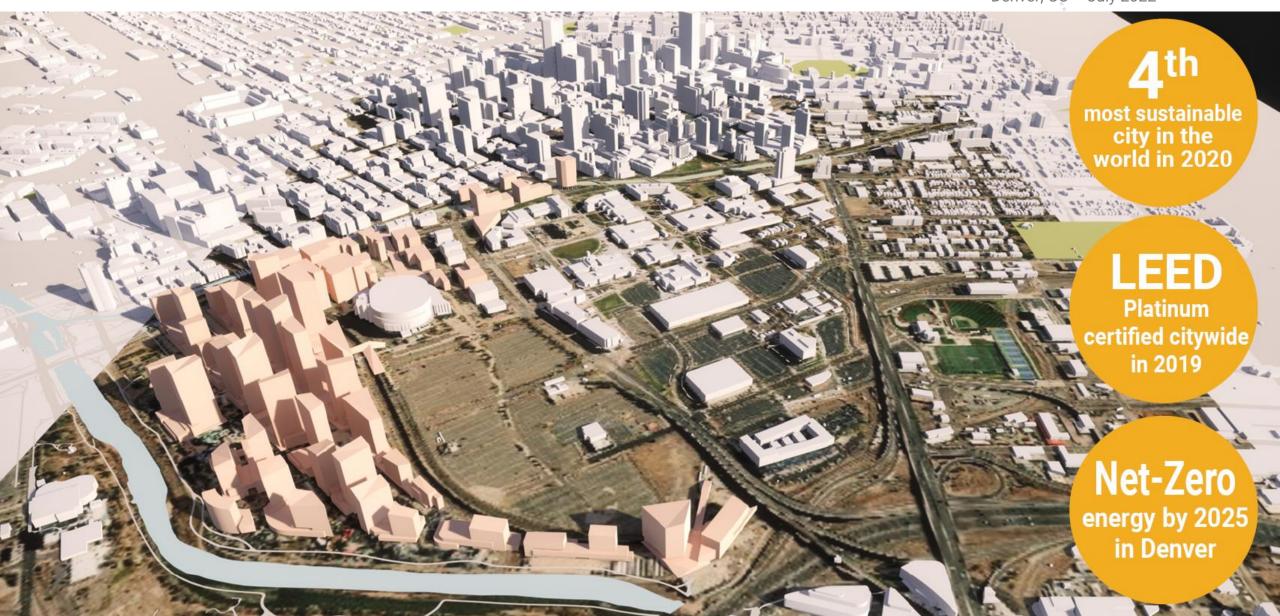


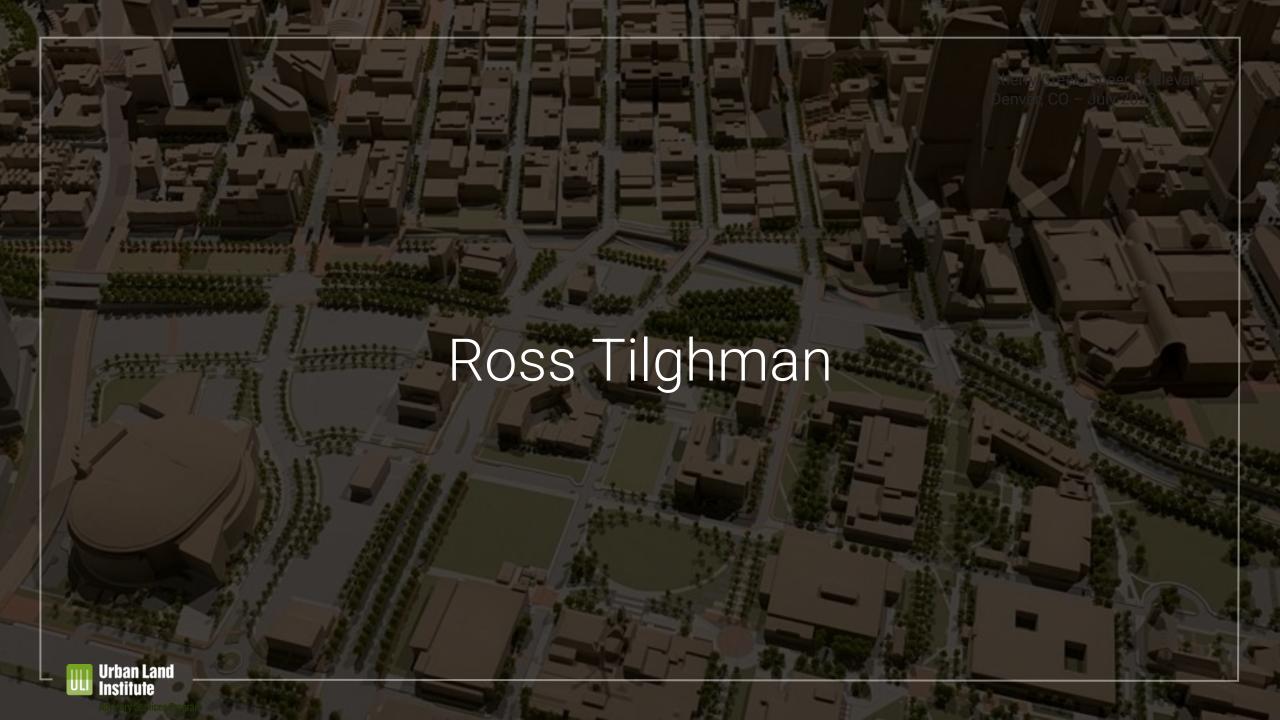


5. Connect River to Creek. Grow an Urban Forest



6. 'Living Digital Twin' to Report on Sustainability





Speer Boulevard's Role

A Special and important route

- A rare radial route
- Links key districts downtown, Cherry Creek
- I-25 access
- Gateway to downtown from I-25 but also backdoor from Colfax





Speer Boulevard's Use

A busy street

- 50,000 to 60,000 daily vehicles
- Access to downtown primarily at Blake/Market
- Unclear how much traffic is through traffic, how much turns
- Speeding is routine above 35 mph limit, but undocumented
- Relatively few pedestrians crossing compared to surrounding population





Speer Boulevard's Character

Very wide

- 8 lanes + up to 3 turn lanes
- One of the widest streets in Denver
- Other busy streets, e.g., Federal and Colorado, have 6 lanes and carry more traffic (50,000 to 72,000 daily vehicles)
- 15 crosswalks at 10 intersections over 1.1 miles
 - Ample number of crossings but daunting!







Speer Boulevard's Character

History and aesthetics

- Follows creek as people have done for hundreds of years
- Offers compelling views of downtown and of the mountains
- Despite changes from City Beautiful boulevard design, Speer remains a swath of green landscape through downtown
- Corridor width varies from about 250 feet to 570 feet, quite different to segment south of Colfax that averages 250 feet wide









The Larger Context

A central feature

 Speer runs through midst of expanded downtown

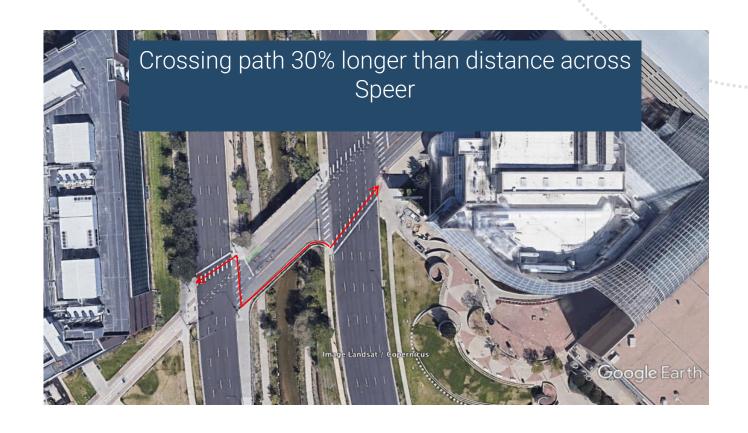




Pedestrian Experience

Long and awkward

- Few reasons to cross Speer corridor
 - Campus activity
 - Transit (LRT)
 - Arena events
 - Cherry Creek trail access
- Steely Determination required!
 - Long distance up to 570 feet
 - Long time can be 4 to 5 minutes
 - Traffic volume, speed, noise
 - No weather protection
- Few visual attractions or clues
- Awkward crossing designs





Speer Boulevard Summary

 Speer's current configuration, traffic and adjacent property condition is incompatible with a successful, walkable downtown





Creating a Better Urban Context

Development and design

- A more vibrant AHEC campus with mixeduse development and public programming
 - Generates more pedestrian traffic to central business district and campus
- Create stronger visual attractions to campus for pedestrians
- Revamp Performing Arts Center and Convention Center to front Speer Boulevard





Creating a Better Urban Context

The new Speer Boulevard

- Shrink Speer Boulevard to 6 lanes with surface bike lanes and modest median
 - Consistent with traffic volumes, other major city streets
 - Gains approximately 130 feet depth for open space/buildings
- Shift creek to east side of roadway
 - Creates urban edge along campus
 - Enhances open space near creek and allows buildings on east side
 - Gives better new front door to Performing Arts Center & Convention Center



Creating a Better Urban Context

New street character

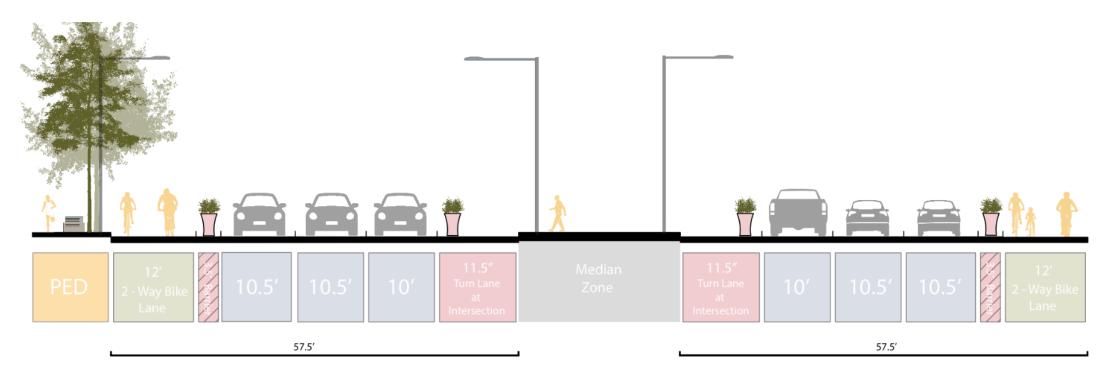
- Narrow lanes to 10 feet to 11 feet
- Reduce speed limit to 25 mph
- Eliminate separate right-turn lanes that cut corners
- Create perception of narrower street with protected bike lanes and landscaping
- Apply to both Speer Boulevard and Auraria Parkway





Testing the Plan Now

- Test the 6-lane plan within existing curbs now
 - Use temporary barriers to create bike lanes
 - Temporary barriers can also block the existing inside lane, except at intersections.





Refining the Plan

Monitoring and learning

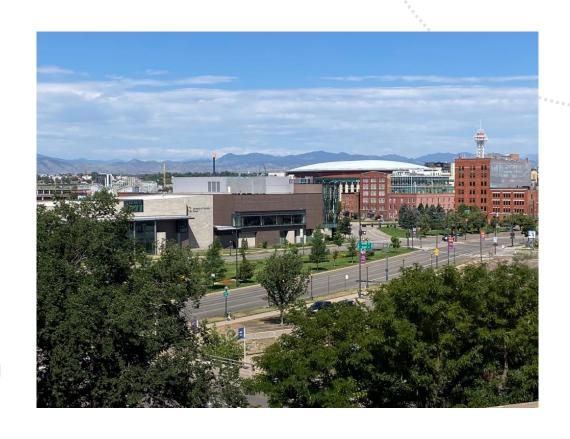
- Monitor traffic, pedestrian and cyclist behavior
- Apply lessons learned to improve the new street's plan
- Use transportation modeling to test alternate intersections, such as roundabouts, for traffic calming and lane reduction potential
- Roundabouts may help solve the challenge of redundant street segments at Wazee/Blake/Speer Boulevard
- Enhance corridor crossings with views of Cherry Creek, landscaping, art and weather protection
- Explore opportunities to cross over or below the roadway where intriguing experiences could be achieved, and awkward surface crossings resolved



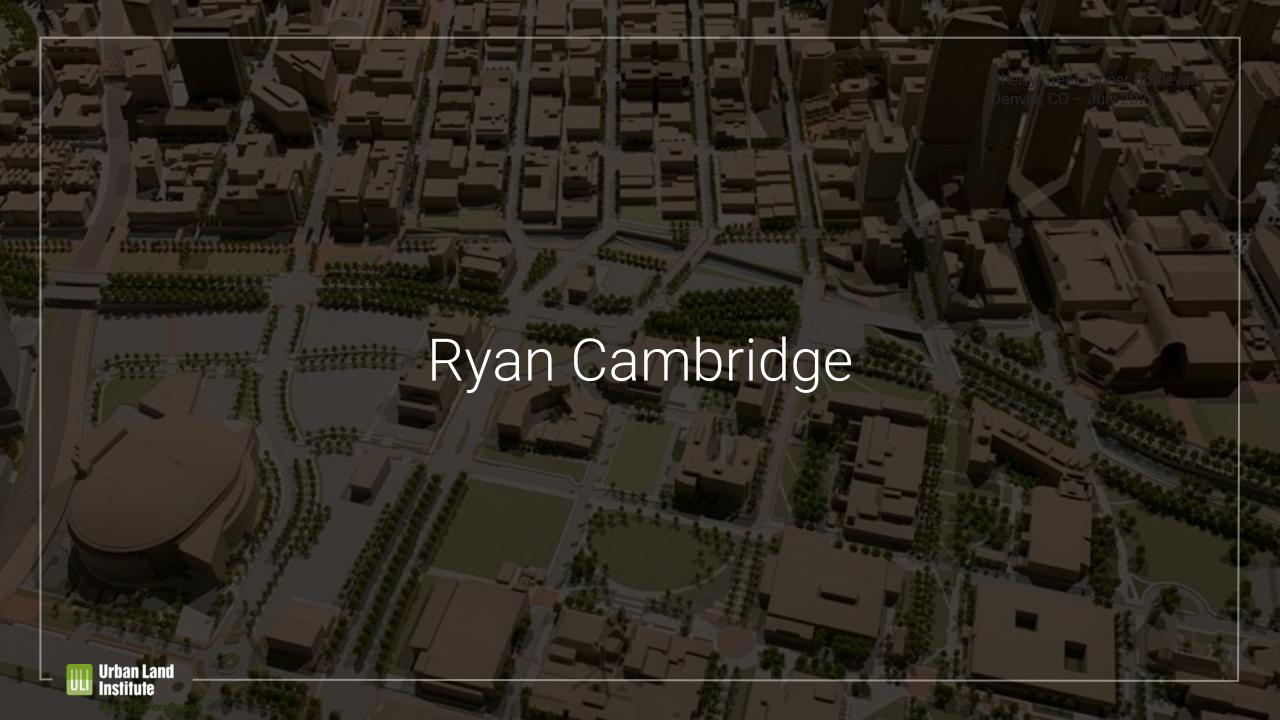
Additional Supportive Actions

Collaborative and inclusive planning

- Expand geographic scope of downtown planning to include west side of Speer Boulevard
- Revise zoning requirements for parking to set maximums – the single greatest tool to boost transit/walking/cycling
- Review campus transportation benefits to maximize access to transit for users (e.g., automatic universal transit pass)
- Strengthen existing planning collaboration among all agencies, departments and partners







History

Rich, but complicated history of one of Denver's oldest neighborhoods

- Members of the Ute, Cheyenne, and Arapaho tribes of indigenous peoples inhabited the area for hundreds of years prior to the platting of Denver's earliest neighborhoods in 1859
- In 1907, floodwalls were constructed along both sides of Cherry Creek and remain today
- Speer Boulevard, designed by famed landscape architect George Kessler, was also constructed in 1907







Existing Conditions

Key opportunities



Water access



"Cool" environment



Land under public control (73 acres)



Existing bridges/structures



Cherry Creek Trail corridor



Activating partners



Existing Conditions

Key challenges



Channelized creek



Trail congestion



Difficult to access



Lack of activating uses/destinations



Perception of safety



General maintenance



Vision

What we heard

Advisory Services Program

- High-quality greenspaces are critical to the future of downtown and should serve to connect, not divide
- Cherry Creek area is well-loved because of its unique environment and access to water but is under leveraged
- Greenspaces must be programmed in a way that they meet the needs of existing downtown residents/visitors/workers AND attract new ones
- Flood control capacities/functions must be retained, but can be a combination of different solutions





Central Park, New York, NY

Big ideas for a big opportunity

- 1. The Cherry Creek Cultural Corridor
 - Embrace the Cherry Creek alignment as a Cultural Corridor that celebrates the history and impact of the corridor and its various people groups
 - Tool to educate, advocate, and honor



Riverside Promenade, Indianapolis, IN (Photo curtesy of Browning Day)



Big ideas for a big opportunity

2. Infrastructure AND amenity!

- Retain or increase capacity
- Naturalize the creek alignment to allow for both slow and fast-moving water
- Embrace alternative "wall" solutions which activate and/or improve the aesthetic/scale of the pedestrian environment
- Capture and treat stormwater runoff before it enters the creek
- Integrate flood resilient structures and amenities



Historic 4th Ward Park, Atlanta, GA

Big ideas for a big opportunity

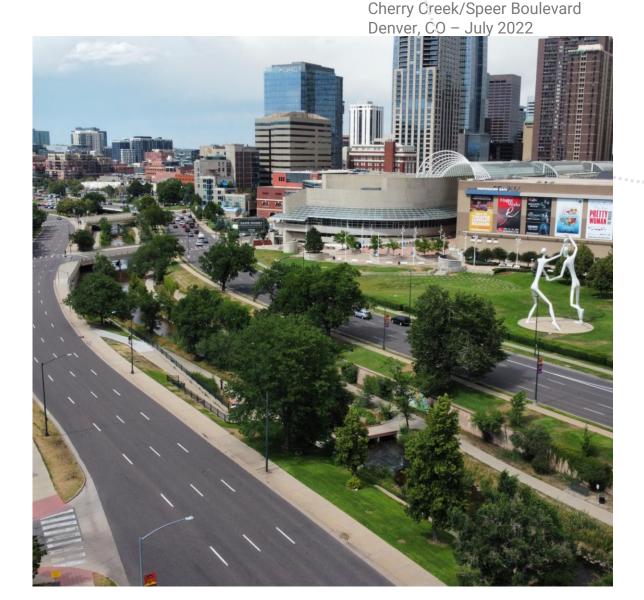
3. A tool for resiliency

- Leverage the cooling potential of both water and tree canopy
- Re-establish native ecosystems that are naturally drought and heat tolerant.
- Anticipate the need for shade in key gathering areas and destinations (example: playgrounds)





- 4. Increase meaningful, interconnected greenspaces
 - Ensure easy and equitable access at multiple points along the corridor
 - Naturalize the creek alignment to allow for a series of terraced greenspaces connecting the creek to street-level development
 - Create new greenspaces which extend over and under Speer Boulevard to unite the East and West sides of the corridor





Recommendations



Recommendations



Big ideas for a big opportunity

5. Create new destinations throughout the corridor

- Emphasis on meeting quality of life needs of nearby residents and workers
- Embrace proven principles of placemaking to create authentic, unique, and activated spaces of a variety of scales at both the creek and street-levels
- Explore opportunities to extend adjacent civic/cultural uses into the corridor both vertically and horizontally







Big ideas for a big opportunity

6. Increase pedestrian circulation options

- Develop a series of separated pedestrian trails and pathways suitable for commuting/cycling, running, walking/hiking
- Add high-capacity cycle-tracks to redesigned Speer Boulevard
- Explore opportunities to extend adjacent civic/cultural uses into the corridor both vertically and horizontally





- 7. Improve pedestrian safety (actual <u>and</u> perceived)
 - Good maintenance and consistent activation result in both crime reduction and crime prevention
 - Integrate selective safety and/or area lighting, especially beneath overpasses
 - Increase the visibility into and from the corridor from the street level





Implementation Principles

Macro and micro

- 1. Develop a corridor master plan with a shared vision and prioritized phasing and management plan
- 2. Piggyback on adjacent projects and developments to realize economies of scale
- 3. Find partners for capital, operations, and activation—it will require coordination and cooperation
- 4. Implement fair open space impact fee structure
- 5. Don't leave anything "on the table"
- Don't wait to activate!







Implementation Principles

Cherry Creek/Speer Boulevard Denver, CO – July 2022

Build awareness and advocates through immediate activation



Interactive, temporary art



Vertical gardens



Active walls



Urban "beach"



Pop-up events



Light as art



Walking tours



Nature playspaces





Thank you!

http://www.uli.org/advisoryservices

