



AGENDA

Planning and Economic Development Policy Committee

August 11, 2021

8:30 am

VIRTUAL MEETING

City of Aurora, Colorado

15151 E Alameda Parkway

Public Participation Dialing Instructions

Call in Number: (408) 418-9388

Access Code: 1461 86 3010

Council Member Marsha Berzins, Chair
Council Member Dave Gruber, Vice Chair
Council Member Angela Lawson, Member

Council Goal: Be a great place to locate, expand and operate a business and provide for well-planned growth and development.

	Pages
1. Call to Order	
2. Approval of Minutes	1
2.a. July 14, 2021 DRAFT Minutes - Council Member Berzins	11
3. General Business	
3.a. Resolution in support of renaming portions of Harvest and Powhaton Roads to Aerotropolis Parkway	39
Resolution expressing support to change portions of Harvest and Powhaton Roads to Aerotropolis Parkway Sponsored by Council Member Dave Gruber Karen Hancock, Principal Planner/Michelle Gardner, Senior Assistant City Attorney 10 minutes/10 minutes	
3.b. 2021 International Building Code Adoption	46
Jose Rodriguez, Building Plan Review Manager, Public Works Dept., Building Division	

3.c. Annual Small Business SBDC Update Pandemic 8/11/21 73

Marcia McGilley, Executive Director, Aurora-South Metro Small Business Development Center (SBDC)

3.d. Public Works Development Review Update 101

Victor Rachael, Deputy Director, Public Works Engineering

4. Miscellaneous Matters for Consideration

4.a. Aurora Economic Development Council

4.b. Havana Business Improvement District

4.c. Aurora Chamber of Commerce

4.d. Planning Commission

4.e. Oil and Gas Committee

4.f. Business Advisory Board

4.g. Retail

4.h. Small Business

4.i. Visit Aurora

5. Confirm Next Meeting Date

Tentatively scheduled for September 8, 2021 at 8:30 AM MT

6. Adjournment



Planning and Economic Development
MINUTES

Date: July 14, 2021
Time: 8:30 am

Members Present Marsha Berzins, Dave Gruber, Angela Lawson

2. Approval of Minutes

2.a May 12, 2021 minutes were approved.

3. General Business

3.a The Inland Port

Summary of Issue and Discussion:

Karen Gerwitz, World Trade Center Denver; Andrea Amonick, Development Services/ AURA Manager

- Councilmember Gruber introduced Karen Gerwitz to the committee. Karen Gerwitz presented a history of the Inland Port concept and provided a status report on meetings and progress to date. The World Trade Center Denver launched a grassroots stakeholder group several months ago to explore the potential for a future Colorado Inland Port - a multi-modal, cargo-rich commerce hub surrounding the economic engine - Denver International Airport. Karen highlighted that there is great opportunity to set a bold vision now to incentivize future development of the area around the airport to maximize trade, storage, distribution, and transportation for our growing communities, while positioning the area as a vibrant global commerce hub. This initiative will become a valuable tool in our toolbox for attracting more manufacturers into the state. The World Trade Center (WTC) is currently convening a diverse private and public stakeholder group from several business sectors and multiple counties and cities surrounding the airport, who have a keen interest in economic development, transportation, logistics and trade. At our next meeting, we will hear from various rail companies discussing expansion plans out in Hudson and other locations. There are many other successful inland ports throughout the United States and internationally

that we can learn from and invite in to make presentations to our group, and at our last meeting we heard from the very successful Centreport in Winnipeg. Most inland ports started from a stakeholder group like what the WTC is convening. Karen encouraged Council input, comments, and questions about what might be possible, how WTC and the stakeholder group should move this initiative forward with widespread support, and what the group will need to keep in mind while planning this infrastructure.

- CM Gruber commented that Adams County recently approved a rail spur to be added on the Union Pacific line immediately east of the Colorado Spaceport. This is a great opportunity for us with the wonderful airport, the rail spur in that area, and trucking coming into the area. The rail spur will allow Aurora to foster a logistics platform and bring manufacturers to the metro region. The synergistic effect of the inland port to Aurora is very exciting and will impact jobs, opportunities, and other businesses. CM Gruber added that the Aerotropolis Regional Transportation Authority had funded the interchange going in at I-70 & Harvest up to Jackson Gap. The interchange will support the businesses and homeowners in the area. He agreed that transportation needs to be an active part of the overall planning. He added that to create an inland port, all they need is the developers or landowners to say we want to be part of an inland port. They put up signs with the inland port name then grow it from there. The government isn't involved at all. Right now, the landowners and the people who surround this area are the ones in the driver's seat. He hopes they will take advantage of the opportunity.
- CM Lawson commented her concern and question is the transportation grid in general. She would like to see transportation grid concerns addressed in the platform and future development.
- CM Bergan commented that she agrees this is a great opportunity for manufacturing jobs. She asked about rails running East and West and if the rails are one of the reasons why this has not moved forward fast enough? Karen Gerwitz responded it has to do with the volume of export versus import. CM Gruber pointed out on the slide where the East-West (Union Pacific) rail line runs and the location of the rail spur. CM Bergan asked what a rail spur is? CM Gruber answered that the rail spur allows cargo to be loaded on and off the rail cars then those rail cars can be connected to another engine to be pulled to another state.

- CM Berzins agreed that rail is far behind. This would help our industries, manufacturing, developers, cities, and our country. She hopes we can get this going.
- ACTION: CM Berzins requested a copy of the presentation for Council. Karen Gerwitz responded that she would forward the presentation.
- OUTCOME: see attached copy of Inland Port presentation

3.b Northeast Aurora Development Update

Summary of Issue and Discussion:

George Adams, Planning and Development Services Director

At the January 2021 PED meeting Council Member Gruber requested presentations on development activity in key areas of the city. This is the first in a series of presentations to be provided to the committee. Staff from Planning and Development Services and the Office of Development Assistance (ODA) will provide an overview of development activity in Northeast Aurora.

- George Adams presented the residential and commercial portion of Northeast development.
- CM Gruber added that there will be a Town Center with shopping immediately South of the Gaylord at the Northern border of the Painted Prairie project. They will be extending 64th avenue to Jackson Gap, which is the southern entrance to the airport. Like Tower Road, 64th avenue will be a significant economic driver for the city for the next 50 years.
- Jacob Cox presented the industrial portion of Northeast development.
- CM Gruber thanked the staff for the presentation. He added he is delighted to see the city is working actively with Painted Prairie, Aurora Highlands, and other developments to increase the number of houses. The ability to grow the city in a well thought out way is essential for the future. CM Gruber commented that the Northeast Aurora area transportation study identifies areas for busses and how to move people from the Northeast area to the rail line. He asked Mac Callison to comment about mass transportation in that area. Mac Callison commented that part of the Northeast area transportation study involves the identification of transportation mobility hubs. They can continue through Reimagine RTD (Regional Transportation District) and other initiatives to emphasize that this is a growth area of statewide significance in terms of development.

- CM Berzins asked if Planning and Development are okay as far as staffing. George responded that they are hiring several planners and will bring them on over the next several months. They are also working with the DCM (Deputy City Manager) on budget requests for additional staffing. CM Berzins encouraged George to please ask if they need more staff as the council is here to help get this done. CM Berzins thanked the Developers for bringing their money and building their projects in Aurora.
- CM Lawson commented that her concern is the grid, although it's great to have all these projects and all the businesses. The development needs to be wise as the roads in this area will be shared with Denver. CM Lawson is on the reimagine RTD and advocates for bus expansion and expansion of the rail lines. She added that she would like to see that the grid is considered instead of just building houses during development.
- CM Bergan asked how many planned units they have based on population projections for the City of Aurora? She commented that she's not sure how this correlates with redistricting.

3.c Havana Street Corridor Study Update

Summary of Issue and Discussion:

Huiliang Liu, Principal Transportation Planner

- The purpose of this project is to conduct a corridor-wide transportation, land use and visioning study that promotes safe and active pedestrian, bicycle and transit friendly places along and across the Havana Street Corridor. The Havana Street corridor is a multimodal transportation corridor with regional significance and is critical to the fiscal and economic health of the City of Aurora. Multimodal enhancements for the Havana Street Corridor will make it safer, more interesting, convenient and an attractive place for people to shop, walk and enjoy and for businesses to flourish and thrive. The corridor has a high concentration of vulnerable populations which can also greatly benefit from multimodal enhancements and place making. Goals for this project include: • Working with stakeholders to develop a vision and land use framework for the corridor • Incorporating existing Havana Street Business Improvement District (On Havana) branding and public art • Evaluating the corridor's multimodal transportation system, travel needs and system performances, relative to all modes of travel, while considering existing and future land uses, economic development and business activities, and • Providing safe, convenient and reliable mode choices to users of all ages,

incomes and abilities as well as businesses that provide services and products or sell goods.

- CM Lawson commented that she appreciates the robust civic engagement process with stakeholders.
- CM Gruber asked about the funding strategy. Huiliang Liu responded that there are several funding opportunities from federal, state, and local funding sources. The staff has just submitted a CMPI (Community Mobility Planning and Implementation) grant with DRCOG (Denver Regional Council of Governments)

4. Miscellaneous Matters for Consideration

4.a Aurora Economic Development Council

- Yuriy Gorlov reported on:
 - Yuriy Gorlov had to leave, so CM Berzins relayed Yuriy's update: AEDC is working on two dozen deals with people coming into the city or want to come into the city. He is supportive of the Inland Port and will be happy to work with them.

4.b Havana Business Improvement District

- Chance Horiuchi reported on:

New Businesses:

- Ross Dress for Less at the Gardens on Havana<<https://onhavanastreet.com/business/ross-gardens-on-havana/>> (SIGN IS UP & HIRING)
- Cobblestone Auto Spa<<https://onhavanastreet.com/business/cobblestone-auto-spa/>> (Autawash/Autalube sold 5/26/2021)
- Mazal Motors<<https://onhavanastreet.com/business/mazal-motors/>> (former Mark Vissering State Farm) – Opening July 2021,
- FSL Motors<<https://onhavanastreet.com/business/fsl-motors/>> (former Massa Auto Pawn & Sales)
- High Tech Auto Sales<<https://onhavanastreet.com/business/high-tech-auto-sales/>> (redeveloping Broadview Kennels),
- Sharetea<<https://onhavanastreet.com/business/sharetea/>> – Taiwanese Boba Shop

- Tous les Jours<<https://www.tljus.com/>> Korean/French Bakery – Opening Late 2021,
- Q Chicken<<https://www.bbqchickeneats.com/>> - Korean Fried Chicken – Opening Late 2021,
- Coffee Story<<https://onhavanastreet.com/business/coffee-story/>> – Korean Coffee Shop & Café – Opening mid-June 2021
- JP Style Hair<<https://onhavanastreet.com/business/jp-style-hair/>>
- Old Town Hot Pot<<https://onhavanastreet.com/business/oldtownhotpot/>> (former Mr. Super Panda Buffet) – Opened May 2021
- Golden Luxe Salon<<https://onhavanastreet.com/business/golden-luxe-salon/>> (former Juno Hair) – Opened April 2021.
- K Town Update - “is a virtual marketing and branding initiative aimed to be lifting up Korean businesses, creating a sense of place in Aurora for visitors interested engaging in Korean culture. Aurora is our go to place for Korean food and entertainment and goods. The BID will be supporting the stakeholders hosting a golf tournament on 8/26.
- **Events:**
 - June 1, 2021-July 31, 2021 \$500 Summer Giveaway–Enter to Win!<<https://onhavanastreet.com/events/2021summer-giveaway/>>
 - \$500 Frozen Treats Giveaway-Last Day to Enter 7/15-Enter to Win!<<https://onhavanastreet.com/events/frozen-treats-giveaway-july-2021/>>
 - July 5th to 31st, 2021-Larry H. Miller Dealerships Pack a Backpack– Learn More Here<<https://onhavanastreet.com/events/july-5th-to-31st-2021-larry-h-miller-dealerships-pack-a-backpack/>>
 - Thursday, July 15, 2021, 6-7:30pm-Join the Final General Public Meeting for the Havana Street Corridor Study– 7/15/2021<<https://onhavanastreet.com/events/join-the-final-general-public-meeting-for-the-havana-street-corridor-study-7-15-2021/>>
 - 7/17/2021-Youth Equity Clinic at The Colorado Rapids Youth Soccer Club<https://onhavanastreet-my.sharepoint.com/personal/chance_onhavanastreet_com/Documents/AGENDA%20MTG%20DOCS%20BID%20BOARD%20Meetings/2021/7%202021/7/17/2021%20-

[%20%20Youth%20Equity%20Clinic%20at%20The%20Colorado%20Rapids%20Youth%20Soccer%20Club> 2nd Dose, Register at https://cpcci.net/](https://cpcci.net/)

- See more BID Stakeholder Events on our website, The BID will promote and share existing events here at <https://onhavanastreet.com/events/>

4.c Aurora Chamber of Commerce

- Kevin Hougen reported on:
 - There is a City Council Candidate Forum scheduled for Wednesday, September 29th, from 5 PM to 9 PM in the City Council Chambers. Invitations went out per the list received from the City Clerk's office for Wards I, II, III and the at-Large. It's not a debate format. They'll ask some good important community related questions.
 - The Armed Forces recognition luncheon will be on August 20th. It is close to being sold out. They will be honoring all those young men and women at Buckley that have done such a great job for us.
 - There is a Site Selector Breakfast scheduled on July 22nd, 7:30 AM at Dick Sporting Goods on 56th Kevin has a couple of tables if anyone would like to attend.

4.d Planning Commission

- Dennis Lyon reported on:
 - There are several agenda items of interest for tonight's meeting:
 - 7-11 going in at Cross Creek on Sixth Avenue.
 - Apartment complex with 225 units and five floors high going in at Nine Mile Peoria and Parker.
 - Study session tonight with Aurora Water. They will be discussing all the development and what the future of water looks like and the relationship between rural water and planning.
- CM Berzins asked if they are still virtual. Dennis responded they are virtual. He has not heard anything about meetings in person but will follow whatever city council does.

4.e Oil and Gas Committee

- Brad Pierce reported on:

- Brad's memo on the activities of the oil and gas advisory committee is in the PED packet, last page.
- Brad thanked City Council for the reappointment of the three members whose term expired on June 30.
- They will be making a recommendation soon to City Council for a citizen appointment.

4.f Business Advisory Board

- Garrett Walls reported on:
 - They had to cancel the May meeting due to travel. The June meeting was on June 21st.
 - In the June meeting, there was an update from Mayor Coffman on the urban camping ban. The BAB (Business Advisory Board) did not take a position. If any City Council members would like BAB to elicit business owner or stakeholder feedback, the BAB is happy to investigate that.
 - Mayor Coffman also reported that Chief Wilson would be addressing gun violence at the July 19th Council Study Session. The BAB brought up concerns from the business community on the skyrocketing petty crimes and property crimes that are incredibly impactful. They asked Mayor Coffman if Chief Wilson would consider another forum with the business community to address the crime concerns.
 - They have formed a subcommittee of the BAB to address House Bill 1162. The bill relates to the plastic bag, Styrofoam, and polystyrene bans that Governor Polis signed on July 6th. He thanked Council Member Angela Lawson and Council Member Crystal Murillo for attending the first subcommittee and stakeholder meeting.

4.g Retail

- Bob Oliva reported
 - Sierra Trading Post is going in at Cornerstar.
 - Didi's Discount is coming to City Place in the Sports Authority Space. Next to that they are working on putting in a childcare center.
 - In September, there will be a quarterly review of what's going on in retail
 - Coming out of COVID. They see in general that retailers that had an online presence didn't get that hard; department stores did get hit hard.

The restaurants are having issues with the cost of goods sold, labor costs going up, and they only have about 70% of their customers back.

4.h Small Business

- Marcia McGilley reported on:

Early Childhood Business Assistance Program

1. Partnerships: Office of Economic Development and International Trade (OEDIT), Colorado SBDC Network, Colorado Office of Early Childhood and the Arapahoe County Early Childhood Education Council. 2021 Grant funds received: \$24,000 for programming and \$2,500 for one-on-one technical assistance.
2. Purpose: To address the Governor's initiative and local business owner's request for the increasing need for early childhood services. Our program provides business educational webinars that offer business owners practical business information, continuing education credits (CEU's) and one-on-one technical assistance.
3. Overall Program: Home-Based Child Care Business Training Program – 2021 – 4 programs scheduled (2 in Spanish, 2 in English); 6-session course covering: business model, maximizing income, understanding costs and how to minimize expenses and using social media to promote your business.
4. Outcome: April 6 – May 12, 2021, Spanish language virtual program; 6-sessions; Registered: 12; Attended: 7; Graduated: 4 (4 existing businesses and 3 start-ups). Claudia Yanez, SBDC Business Consultant, taught the course with assistance from Elena Vasconez and the Colorado Office of Early Childhood.
5. Outcome: July 13 – Aug 17, 2021, English language virtual program; 6-sessions, CEU's offered; Registered: 30, Attended the first session: 23. Laurie Womer, SBDC Business Consultant, is teaching the course with assistance from Elena Vasconez and the Arapahoe Office of Early Childhood. This office will have a representative attend the sessions and assist with industry-specific questions.
6. Still to come: 2 additional programs in 2021; Spanish language – Homebased program; English language – Center based program
7. Colorado SBDC Network statewide Early Childhood Education Committee – Marcia McGilley and Elena Vasconez sit on this committee. Aurora-South Metro SBDC developed the Spanish language program for the Colorado

DRAFT

SBDC Network statewide and will be developing an English language, Center-based Early Childhood program for the fall of 2021.

4.i Visit Aurora

- Bruce Dalton was traveling on business and was not able to attend today.

5. Confirm Next Meeting Date

August 11, 2021 at 8:30 AM Teleconferencing meeting (agenda inadvertently noted the next meeting as August 14, 2021)

6. Adjournment

Marsha Berzins, Chair

19 APRIL 2021

DEN Intermodal Study Infrastructure Network



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COLORADO. STRONGER WHEN WE TRADE



WHAT: An inland port defined

An inland port (sometimes referred to as dry port) is a physical site located away from traditional land, air and coastal borders with the vision to facilitate and process international trade through strategic investment in multi-modal transportation assets and by promoting value-added services as goods move through the supply chain.



Key Characteristics

- Operating as a center for transshipment of sea cargo to inland destinations
- Multimodal in scope
- Include facilities for storage and consolidation of goods, maintenance for road or rail cargo carriers and customs clearance services.
- Can speed up the flow of cargo between ships and major land transportation networks
- Can improve the movement of imports and exports, moving the time-consuming sorting and processing of containers inland, away from congested seaports.
- Inland ports may also be used for a similar model of a site linked to an airport or land border crossing rather than a seaport.



Dry ports in North America

-  : [CentrePort Canada, Winnipeg, Manitoba, Canada](#) ^[31]
-  : [Global Transportation Hub, Regina, Saskatchewan, Canada](#)
-  : [Port Alberta, Edmonton, Alberta, Canada](#) ^[32]
-  : [Ashcroft Terminal, Ashcroft, British Columbia, Canada](#)
-  : [CenterPoint Intermodal Center, Elwood, Illinois](#)
-  : [Port of Memphis, Memphis, Tennessee](#)
-  : [Port of Tucson, Tucson, Arizona](#)
-  : [Port San Antonio, San Antonio, Texas](#)
-  : [Greer Inland Port, Greer, South Carolina](#) ^{[33][34]}
-  : [Virginia Inland Port, Front Royal, Virginia](#) ^[35]
-  : [Charlotte Inland Terminal, Charlotte, North Carolina](#) ^[36]
-  : [Piedmont Triad Inland Terminal, Greensboro, North Carolina](#) ^[37]
-  : [Martinsburg Inland Port, Martinsburg, West Virginia](#) ^[38]

There are over 80 ports in the U.S. tied to waterways

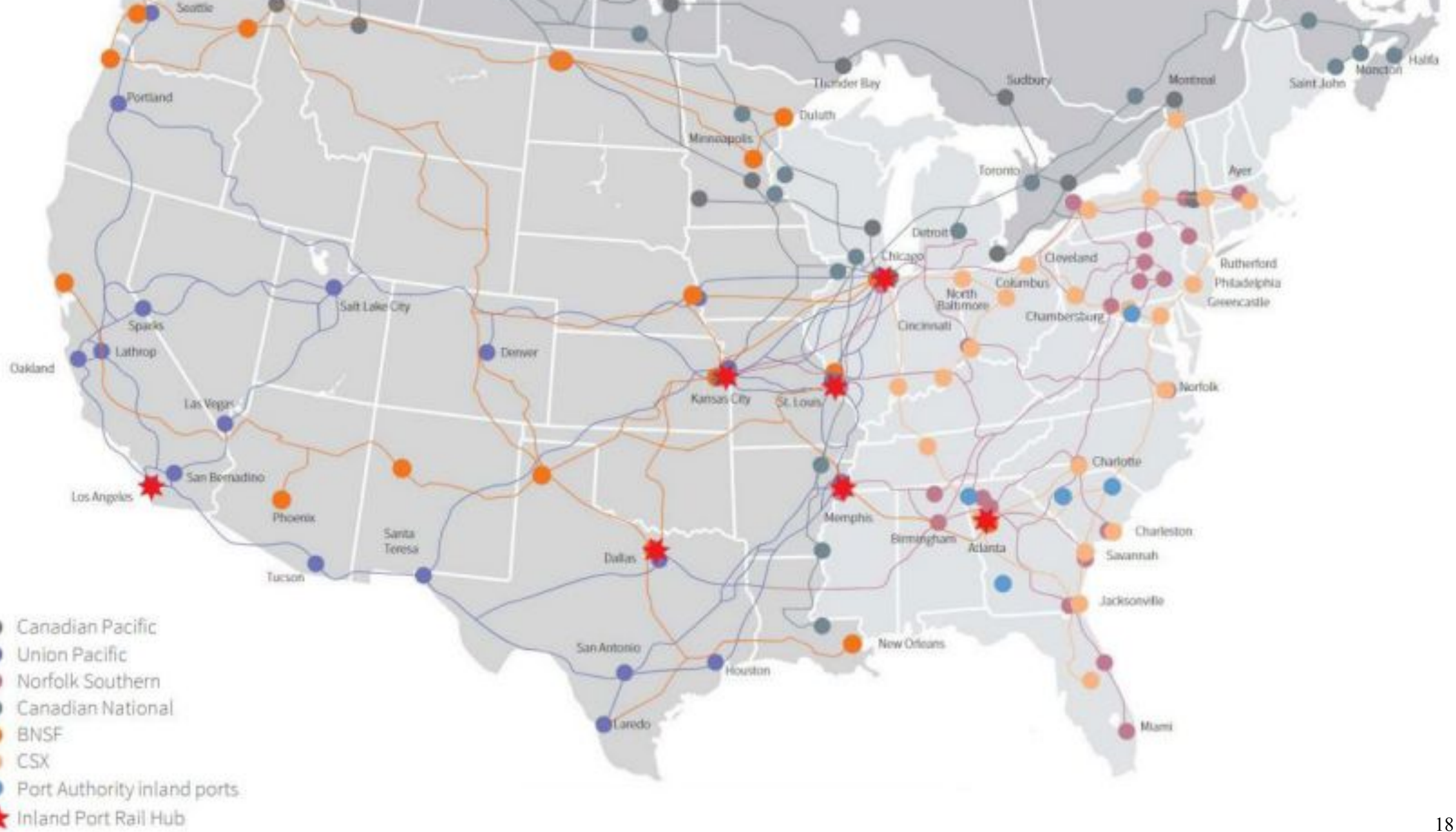
Close to Home...

The **Utah Inland Port** is a proposed [dry port](#) in the northwest quadrant of [Salt Lake City, Utah](#) and other undeveloped land in [Salt Lake County](#). It is currently in the planning and preconstruction stages. It would cover over 16,000 acres.^[1]

The Port of Kansas City is an [inland port](#) on the [Missouri River](#) in [Kansas City, Missouri](#), near the confluence with the [Kansas River](#). Kansas City is the second-largest rail hub and third-largest trucking hub in the country.

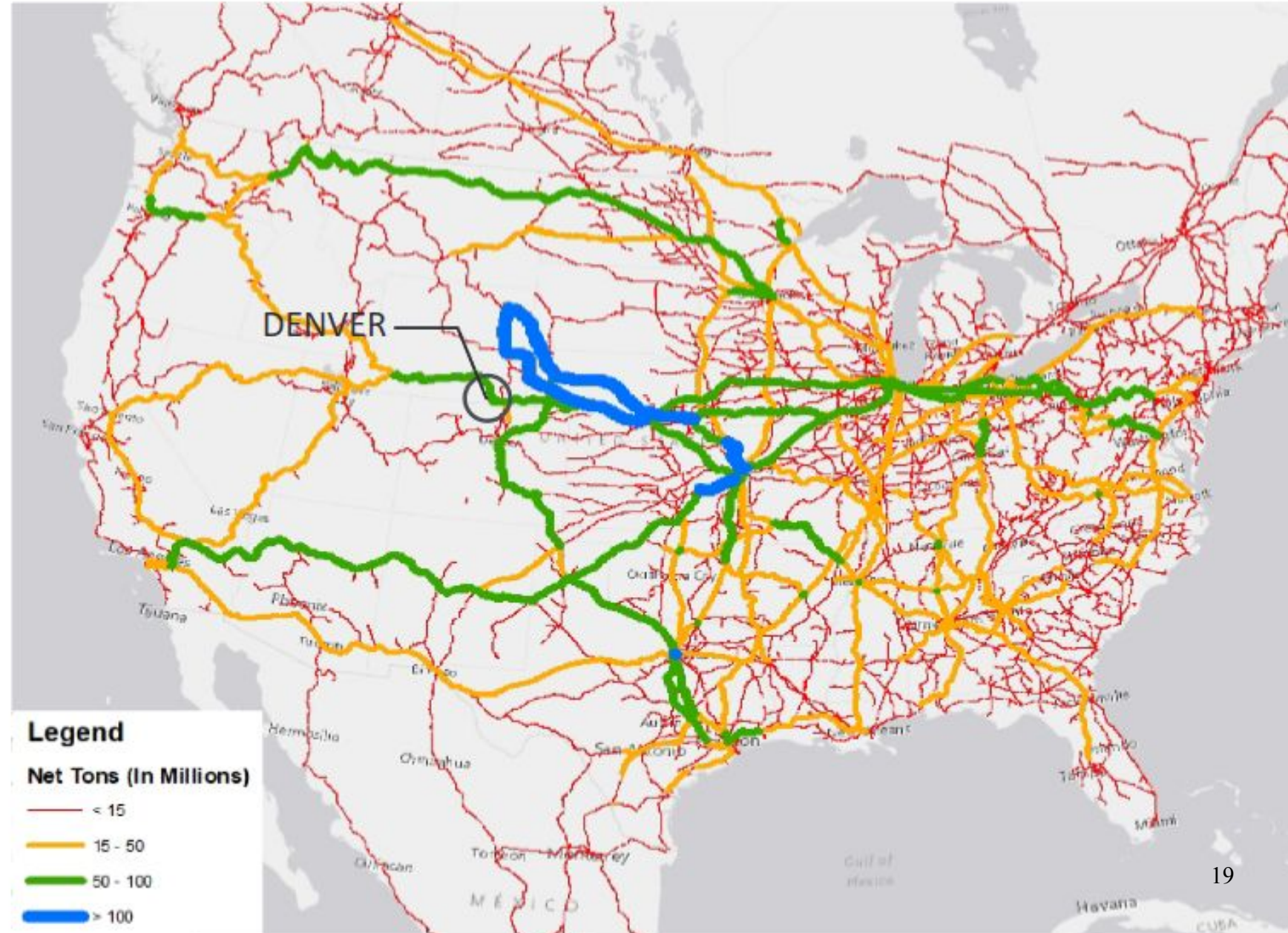
The [intermodal](#) facility has approximately 160,000 square feet (15,000 m²) of storage space, a loading system consisting of three 25-ton cranes, one 100-ton crane, eight front-end loaders, portable conveyor systems, and a [truck scale](#).^[2] The terminal is served by the [Union Pacific Railroad](#), with extensive rail track at the facility for loading and unloading [containers](#).





US FREIGHT NETWORK

- **Denver** sits at the crossroads of some of the **nation's largest rail lines** when measured by net tonnage of commodities carried
- Union Pacific Railroad and BNSF Railway carry between **50 and 100 Net Million Tons** of commodities through the Denver Metro Area annually.
- As Denver increases in size and becomes more urbanized, the region will demand a higher volume of freight. Denver is posed to meet increased freight demands by offering intermodal transportation hubs and logistics facilities.
- The opportunity to combine this rail traffic with DEN's air traffic has the potential to transform Denver into world-wide intermodal hub.



Colorado Connections | BNSF & UP Railways

Colorado **Inbound** Commodities from Top Rail Trading States

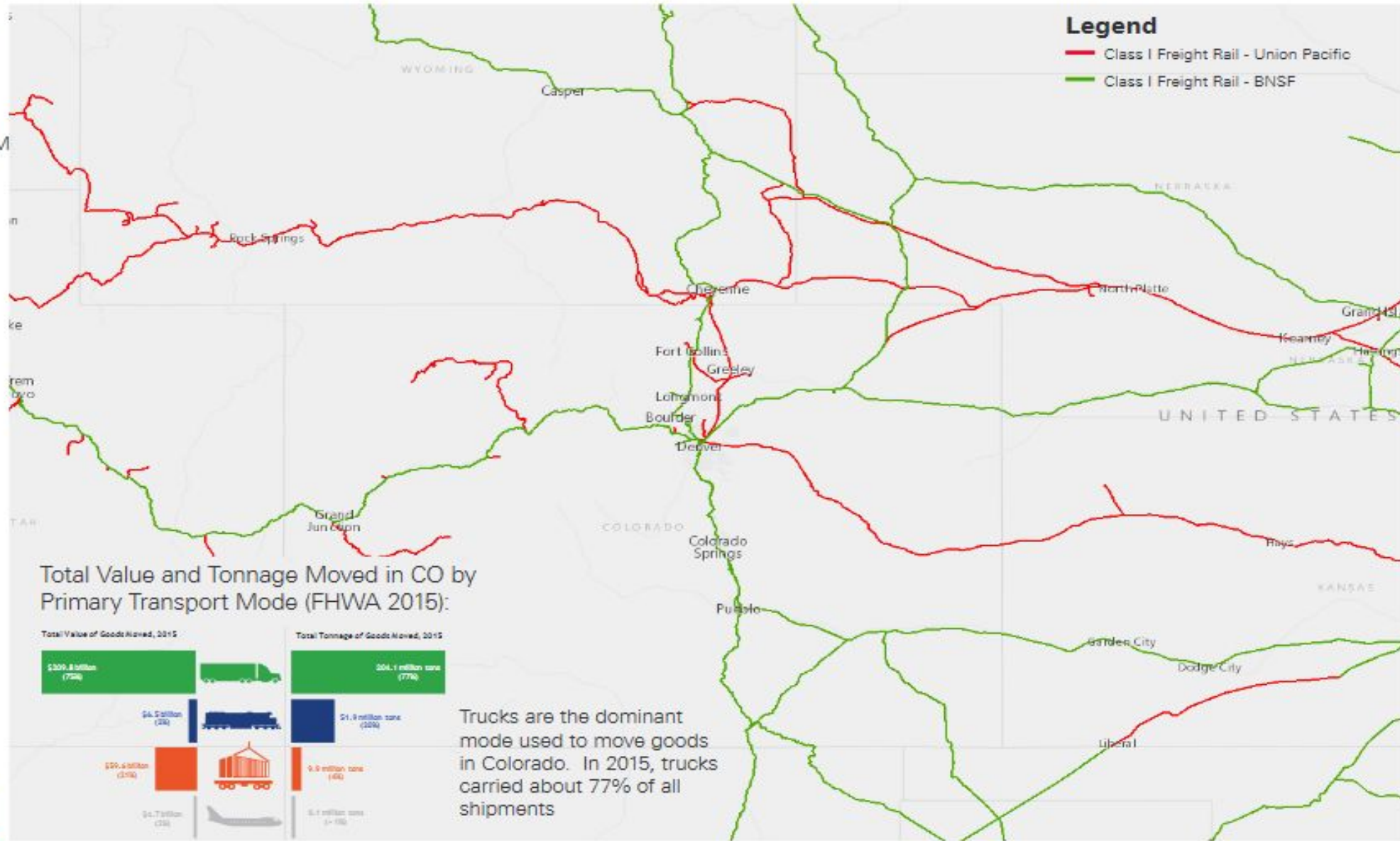
- Mining, \$207.8M
- Manufactured Goods, \$157.6M
- Intermodal & Mixed Freight, \$150.9M
- Coal & Petroleum, \$127.1M
- Bulk Goods, \$72.5M
- Farm & Food, \$36.9M

Colorado **Outbound** Commodities to Top Rail Trading States

- Coal & Petroleum, \$481.1M
- Farm & Food, \$81.5M
- Intermodal & Mixed Freight, \$81.2M
- Manufacturing, \$37.3M
- Mining, \$32.7M
- Bulk Goods, \$25.3M

Trends in Freight Tonnage to and from Colorado - 1997 to 2040

- By 2045 Colorado will ship as many higher-priced soft goods as it ships coal



Total Value and Tonnage Moved in CO by Primary Transport Mode (FHWA 2015):



Trucks are the dominant mode used to move goods in Colorado. In 2015, trucks carried about 77% of all shipments

WHY NOW?

**53% value of
exported cargo goes
by air vs. 23% by
other modes**

**42% value of
imported cargo
comes in by air vs.
30% by other modes**

**Increased population
and eCommerce
activity due to COVID**

**Need to position CO
globally to attract
more FDI and
manufacturers to the
state**





Regional Context Existing Network

- Two-thirds of rail traffic in Colorado (~100 million tons) passes through the state via North-South routes.
- Adams and Weld Counties have expressed direct interest in future rail development.
- Texas, Illinois and California are key trading partners for inbound and outbound commodities.
- Coal and petroleum, farm and food, and Intermodal/Mixed Freight make up the most inbound and outbound shipment

Legend

- Class I Freight Rail - Union Pacific
- Class I Freight Rail - BNSF
- Passenger Rail - Amtrak
- RTD Lightrail Line

- Freight Rail Stop
- Development Opportunity - *County has plans for future intermodal development*

- Established Logistics Facility - *BNSF, Union Pacific, and Private Ownership Hubs*

Regional Context

Future Planned Developments



PLANNED DEVELOPMENTS

- Residential
- Mixed-Use
- Commercial
- Industrial
- Institutional

Legend

- Class I Freight Rail - Union Pacific
- Class I Freight Rail - BNSF
- Passenger Rail - Amtrak
- RTD Lightrail Line
- Freight Rail Stop
- Development Opportunity - County has plans for future intermodal development
- Established Logistics Facility - BNSF, Union Pacific, and Private Ownership Hubs

APPENDIX

Scale

Comparisons

CENTREPORT, WINNIPEG, Canada

20,000 Acres



Chicago, IL - CenterPoint Intermodal Center

NUMBER OF CLASS I RAILROADS	POPULATION WITHIN 300 MILES (MILLIONS)	TOTAL ACREAGE	TOTAL WAREHOUSE SF (MILLIONS)
6	47.1	6,500	20

CenterPoint Intermodal Center (CIC) - Joliet/ Elwood is the largest master-planned inland port in North America. Located 40 miles southwest of Chicago, CIC - Joliet/ Elwood is the largest point of origin and termination for rail-to-truck intermodal shipments in the U.S., with nearly half of all shipments beginning or ending their journey in the region. Together the region's 18 intermodal terminals moved 15.4 million TEU's (typ. cargo unit) in 2014 (latest available data), collectively ranking as the second busiest port behind Los Angeles and Long Beach. The majority of this volume flows through CenterPoint. The center currently supplies 15 million sq. ft. of space to major distributors, manufacturers, retailers and third-party logistics operators, averaging 1 million sq. ft. of space annually since opening in 2002. CIC is anchored by two Class I rail hubs: Union Pacific's 785-acre Joliet Intermodal Terminal and the 770-acre BNSF Logistics Park Chicago. Together, these two rail terminals handle more than 3 million TEUs annually and offer direct rail service to 80% of the major U.S. seaports in under three days and all 10 major seaports in five days.

Chicago's prominence within the national freight network is supported by its extensive freight infrastructure, which includes seven interstate highways, six of North America's seven Class I railroads, O'Hare International Airport and multiple water terminals serving the Great Lakes and Illinois Waterway. The region is a key node along the transcontinental rail corridor linking West and East coasts and connecting importers and exporters with direct routes to major international trading partners, such as China, Mexico and Germany, and key U.S. consumer markets.



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DENVER**

Mile High and Worldwide 26

Kansas City - Logistics Park Kansas City

NUMBER OF CLASS I RAILROADS	POPULATION WITHIN 300 MILES (MILLIONS)	TOTAL ACREAGE	TOTAL WAREHOUSE SF (MILLIONS)
1	19.8	1,700	30

BNSF's Logistic Park Kansas City is a \$250 million facility that opened in 2013. It is located 30 miles southwest of KC in Edgerton, KS. The new facility will replace the 45-acre Argentine Yard Intermodal Terminal in downtown Kansas City. LPKC is the only full-service facility in the western two-thirds of the United States offering the combination of domestic intermodal service, international intermodal service, and direct-rail/ carload service. The facility is BNSF's newest facility, with convenient interstate highway access and benefits from locating in a Foreign Trade Zone. The LPKC advanced infrastructure consist of 443 acres of yards capable of handling 1.5 million TEUs annually. This figure was expanded several years after the initial capacity of 500,000 annual TEUs was introduced. The infrastructure is supported by eight wide-span all electric cranes, 4,300 container stacking spots, 1,810 paved parking spaces for trailers and 64,000 feet of track (eight 8,000-ft strip tracks). LPKC is developing rapidly in part because of KC's central-U.S. location and access to four major interstates: 29, 35, 49 and 70.

NorthPoint, a Kansas City-based real estate development and management and leasing firm was the warehouse development partner for the logistics park. Initially, NorthPoint opened the facility with two build-to-suites consisting of 900,000 sq. ft. of warehousing space, and an additional 500,000 sq. ft. speculative warehouse. Today the park has built 17 million sq. ft. with a capacity to ultimately build-out 30 million sq. ft. LPKC also features 300 acres that can accommodate rail-served facilities totaling 3.4 million sq. ft. each with an industrial spur at each facility that connects to the park's main industrial spur and attached to BNSF's mainline.



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Mile High and Worldwide 27



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Columbus, OH - Rickenbacker Inland Port

NUMBER OF CLASS I RAILROADS	POPULATION WITHIN 300 MILES (MILLIONS)	TOTAL ACREAGE	TOTAL WAREHOUSE SF (MILLIONS)
2	50.3	5,000	60

The Rickenbacker Inland Port is anchored by the Rickenbacker International Airport (one of the only cargo-dedicated airports in the world), and Norfolk Southern's Rickenbacker Intermodal Terminal. Norfolk Southern operates the most extensive intermodal network in the East. CSX also provides rail service from the port. Together the yards are capable of handling upwards of 400,000 TEUs annually. The international airport has two 12,000-foot runways, 200,000 sq. ft. of air cargo facility space and 130 acres of uncongested cargo ramp and hydrant fueling system.

With 47% of the U.S. population and 33% of Canada accessible within one trucking day, Rickenbacker is geographically centered within the heart of the U.S. This node boasts more than 60 million sq. ft. of warehousing space within the near vicinity. Cargo comes to Rickenbacker from every point of the world, running the gamut from electronics and fashion items to pharmaceuticals and automobile supplies. This cargo is stored and supported by nearly 1,600 acres over five campuses surrounding the LCK and intermodal terminal.

“Rail lines are interested in investing in inland terminals where they can extend their services deeper into customer supply chains.”



Dallas/ Fort Worth - Alliance Global Logistics Hub

NUMBER OF CLASS I RAILROADS	POPULATION WITHIN 300 MILES (MILLIONS)	TOTAL ACREAGE	TOTAL WAREHOUSE SF (MILLIONS)
2	31.3	26,000	50

Alliance Global Logistics Hub is located in Haslet, Texas just outside of Fort Worth. The logistics hub is anchored by a 1,200 acre BNSF Railway’s Alliance Intermodal Facility, Union Pacific, and the Fort Worth Alliance Airport, a 100% industrial airport. Alliance is located off Interstate Highway 35W, and Texas Highways 114 and 170. BNSF’s Railway’s Alliance Intermodal Facility has the capacity to facilitate 1 million TEU lifts annually. The hub is located within a Foreign-Trade Zone (FTZ), supporting a bevy of duty-free and tax exemption benefits.

Alliance Airport services two parallel 11,000 sq. ft. runways and offers four hangars with over 130,000 sq. ft. of air cargo facility space. The airport services the FedEx Southwest Regional Sort Hub, with on-site U.S. customs and processing of cargo.

“Coupled with supply chain diversification and corporate sustainability initiatives, we expect to see supply chains shift more volume off of the nation’s highways and onto the high efficiency of rail. In the midst of both capacity volatility and structural change in the trucking industry, intermodal continues to prove a stable and cost effective near- and long-term shipping alternative.” - JLL, 2018



Casa Grande - Inland Port Arizona

NUMBER OF CLASS I RAILROADS	POPULATION WITHIN 300 MILES (MILLIONS)	TOTAL ACREAGE	TOTAL WAREHOUSE SF (MILLIONS)
1	10.2	1,600	6

Located in the heart of the Sun Corridor, a megaregion expected to double by 2030, Pinal County is at the epicenter of the Southwest's explosive economic growth. With immediate accessibility to five neighboring states, and Mexico, the site is situated for manufacturing and import/export-oriented companies.

Access to global shipping is hours away through California and Mexico's coastal ports via Highway 87, nearby Interstate 10 and 8, and an on-site Union Pacific rail line.



Tucson - Port of

NUMBER OF CLASS I RAILROADS	POPULATION WITHIN 300 MILES (MILLIONS)	TOTAL ACREAGE	TOTAL WAREHOUSE SF (MILLIONS)
1	8.8	800	2

The port of Tucson is a full-service inland port with 800 acres of available land, ground up ready infrastructure, 2 million sq. ft. of improved space, refrigerated storage and distribution, intermodal capabilities, full service chassis yard, rail served and rail dock served buildings, in-port trans-loading and locomotive services, 10 miles of loop track, and high speed transfer switch.



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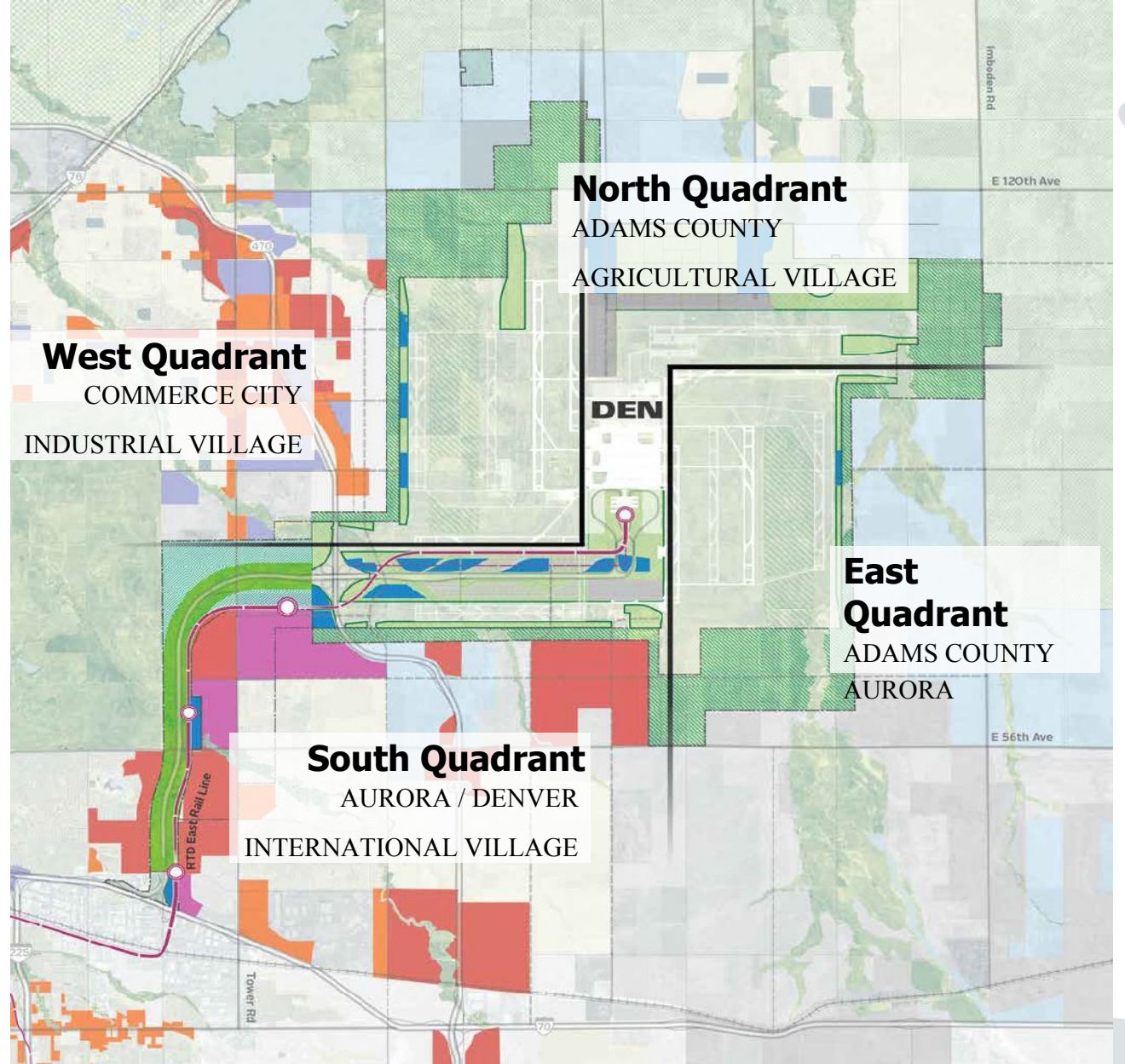
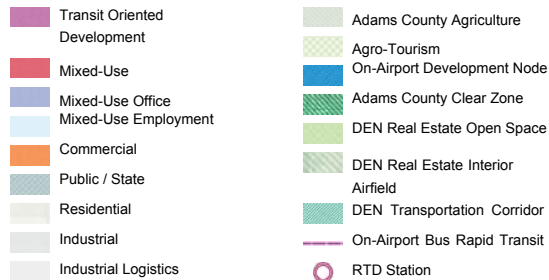
NUMBER OF CLASS I RAILROADS	POPULATION WITHIN 300 MILES (MILLIONS)	TOTAL ACREAGE
2	7.8	34,000

The Airport is divided into quadrants—North, South, East and West as they relate to the airfield’s pinwheel configuration. Whole Site Design structures the Quadrants.

Each Quadrant has a distinct relationship to the Airport, regional transportation infrastructure and neighboring land uses. Quadrant development is guided by the unique character, vision and priorities of the Airport and local jurisdiction.

Reflects a rigorous analysis of FAA Regulations, the Airport Master Plan, Airport Layout Plan to ensure integration and alignment with goals and regulations.

Figure 2.1-4 Quadrants with Regional Comprehensive Plans





Arial Shot Courtesy of Tryba Architects

What Can Differentiate Colorado's Inland Port

- Central Location in North America, Largest Port Land Area
- Quad-Modal – Truck, Rail, Air, Space
- Can Start with an Inland Port Zone to Influence Desired Industrial Development
- Create General Foreign Trade Zone or help developers apply for special FTZ approvals
- Green and Sustainable;
- Industry Specific Vertical Specialties
- Connect Developments through Shared Services (Shared Last Mile Delivery, Rotating Crews, Doc Support), Advanced Secure Technology Platform, Possible Membership Model
- Improved Communications with Other Inland or Seaports
- Shared Resources & Databases – Supported by WTC Denver; Member Driven
- Incentive-based – Reduced Taxes, Speed Up Zoning Timelines, Sustainability, Other?
- Private-Public Partnership Stakeholder Led; Explore Possible Authority in the Future
- Creates One More Tool in Economic Development Toolbox to Attract Manufacturers

Next Steps (Coming Months)

- Presentation to CDOT's Freight Advisory Council
- Briefing by Rail Companies at next Stakeholder Meeting
- Attend Logistics Development Forum in Vail
- Plot all mode connection points surrounding airport; Determine area to target for inland port
- Conduct feasibility study/needs assessment with broader industry base – what has already been studied or decided around transportation? Incorporate Aerotropolis Studies. How can we avoid what happened in Utah?
- Plan infrastructure needs; Budget accordingly; Possible Federal Support
- Develop master plan and publicize the vision
- Define shared services and resource needs at inland port; Set up relationships with other ports
- Explore P3 Authority
- Implement latest in technology and environmental enhancements



Current Stakeholders Interested in Inland Port

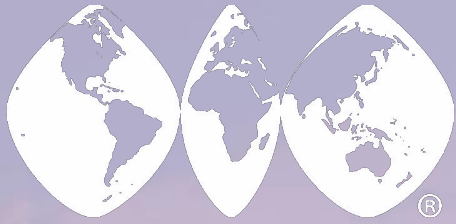
<u>Associations</u>	<u>Government/Quasi Government</u>	<u>Industry</u>
World Trade Center Denver	Adams County Commissioner, Eco Dev	Arrow
Denver Transportation Club	Aurora City Council, Eco Dev	Ball
Colorado Motor Carriers Association	Commerce City Council	JBS
Denver Transportation Institute (DU)	Denver Economic Development	Leprino
Aurora Chamber of Commerce	Denver International Airport	Lockheed Martin
	Metro Denver EDC	Terumo BCT
	Regional Economic Development P-Ship	Vestas
	Colorado Office of Economic Development & Trade	DBJ
	Colorado Department of Transportation	
<u>Real Estate/Developers/Architects</u>	<u>Logistics/Couriers/Specialists</u>	<u>Rail/Trucking</u>
Aspen Distribution, FTZ	Fed Ex	BNSF
JA Green	UPS	UP
Porteos	Gallagher Transport	Pioneer Railcorp
Tryba Architects	Crane	Houg Trucking
Aurora Highlands	Cap Worldwide	
	USI Insurance	

WTC Denver Vision

Become the organization most known for transforming
Denver Metro into a global commerce hub

We seek to inspire Colorado businesses to think bigger. To see what global trade can do, not just for our bottom lines, but for the places we call home. Beyond just imports and exports, Denver Metro will be a global commerce hub. It's about bringing prosperity to our state and communities by forging ties with other communities around the world. It's about a better future for all of us. **Trade matters.**





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Karen Gerwitz
President & CEO
World Trade Center Denver

Karen.Gerwitz@WTCDenver.org
303.592.5363





CITY OF AURORA

Council Agenda Commentary

Item Title: Resolution in support of renaming portions of Harvest and Powhaton Roads to Aerotropolis Parkway
Item Initiator: Karen Hancock, Principal Planner
Staff Source/Legal Source: Karen Hancock, Principal Planner/Michelle Gardner, Senior Assistant City Attorney
Outside Speaker: None
Council Goal: 2012: 5.2--Plan for the development and redevelopment of strategic areas, station areas and urban centers

COUNCIL MEETING DATES:

Study Session: NA

Regular Meeting: NA

ITEM DETAILS: Enter all applicable information from following list in the highlighted area below:

- Agenda long title
- Waiver of reconsideration requested, and if so, why
- Sponsor name
- Staff source name and title / Legal source name and title
- Outside speaker name and organization (please email contact info to City Clerk’s Office)
- Estimated Presentation/discussion time

Resolution expressing support to change portions of Harvest and Powhaton Roads to Aerotropolis Parkway
 Sponsored by Council Member Dave Gruber
 Karen Hancock, Principal Planner/Michelle Gardner, Senior Assistant City Attorney
 10 minutes/10 minutes

ACTIONS(S) PROPOSED *(Check all appropriate actions)*

- Approve Item as proposed at Study Session Information Only
- Approve Item and Move Forward to Regular Meeting
- Approve Item as proposed at Regular Meeting
- Approve Item with Waiver of Reconsideration
 Why is a waiver needed? [Click or tap here to enter text.](#)

PREVIOUS ACTIONS OR REVIEWS:

Policy Committee Name: Planning & Economic Development

Policy Committee Date: 8/11/2021

Action Taken/Follow-up: (Check all that apply)

- | | |
|---|---|
| <input type="checkbox"/> Recommends Approval | <input type="checkbox"/> Does Not Recommend Approval |
| <input type="checkbox"/> Forwarded Without Recommendation | <input type="checkbox"/> Recommendation Report Attached |
| <input type="checkbox"/> Minutes Attached | <input type="checkbox"/> Minutes Not Available |
-

HISTORY (Dates reviewed by City council, Policy Committees, Boards and Commissions, or Staff. Summarize pertinent comments. ATTACH MINUTES OF COUNCIL MEETINGS, POLICY COMMITTEES AND BOARDS AND COMMISSIONS.)

Councilmember Gruber requested the custom street name of Aerotropolis Parkway to replace portions of the Harvest Road and Powhatan Road alignments as shown in Exhibit A. Previous city-led custom street names include replacing Ursula Street with Aurora Court on the Fitzsimons-Anschutz campus and the extension of 6th Avenue renamed in honor of Mayor Stephen D. Hogan. Planning has guidelines for adjusting street names to assure public safety response service levels are maintained and postal delivery is uninterrupted.

ITEM SUMMARY (Brief description of item, discussion, key points, recommendations, etc.)

City of Aurora code specifies that addressing of the city is under the purview of the Planning Director (Section 126-272). Section 126-273 of city code specifies that the city will be addressed in accordance with the Denver Metropolitan Grid. Attached is a resolution expressing support from City Council for the alignment shown in Exhibit A to be renamed Aerotropolis Parkway. "Aerotropolis Parkway" meets Planning guidelines for custom street names. Renaming this alignment to Aerotropolis Parkway supports place branding as an element of economic development for Northeast Aurora as described in Aurora Places.

QUESTIONS FOR COUNCIL

Does Council wish to express support for this street name change by resolution?

LEGAL COMMENTS

The governing body of each municipality has the power to regulate the numbering of houses and lots and to name and change the name of any street or other public place. (C.R.S. § 31-15-702(1)(a)(VIII)) When a street shall have been named or numbered or renamed or renumbered in pursuance of any other provisions, it shall be the duty of the director of planning or his or her duly designated representative thereafter to adjust and rename or renumber such street, as such may be required from time to time by action of the council. (City Code § 126-276) (M. Gardner)

PUBLIC FINANCIAL IMPACT

- YES NO

If yes, explain:

PRIVATE FISCAL IMPACT

Not Applicable Significant Nominal

If Significant or Nominal, explain:

RESOLUTION NO. R2021-_____

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF AURORA, COLORADO,
APPROVING THE RENAMING OF A PORTION OF HARVEST ROAD ALIGNMENT AND
POWHATON ROAD ALIGNMENT TO AEROTROPOLIS PARKWAY

WHEREAS, Aurora City Council goals include 1) to serve as leaders and partners with other governments and jurisdictions; 2) to actively participate in regional organizations on intergovernmental issues; 3) to be a great place to locate, expand and operate a business and provide for well-planned growth and development; 4) to plan for the development and redevelopment of strategic areas, station areas and urban centers; and 5) to aggressively pursue primary job attraction, retention and expansion; and

WHEREAS, the City of Aurora's 2018 comprehensive plan known as Aurora Places identifies Placetypes that support economic development in Northeast Aurora; and

WHEREAS, Aurora city zone districts support job-generating land uses that are compatible with operations at Denver International Airport (DEN); and

WHEREAS, the Intergovernmental Agreement Among the Board of County Commissioners of the County of Adams, the City of Aurora, and the Aerotropolis Area Coordinating Metropolitan District Establishing the Aerotropolis Regional Transportation Authority (ARTA) was executed on February 28, 2018 ("ARTA IGA") and provides for ARTA to oversee the budget and phasing plans for critical regional transportation infrastructure and to finance regional transportation improvements needed to improve access across Aurora and Adams County including additional connections from Interstate 70 to DEN, new interchanges on E-470, as well as extensions of several critical arteries throughout the district; and

WHEREAS, the ARTA IGA includes "Harvest/Powhaton Interconnect" as part of its scheduled regional transportation improvements and capital plan and is within the City of Aurora boundaries; and

WHEREAS, the governing body of each municipality has the power to regulate and name and change the name of any street or other public place, pursuant to § 31-15-702(1)(a)(VIII), C.R.S.; and

WHEREAS, Aurora City Code Section 126-276 provides that when a street shall have been named or numbered or renamed or renumbered in pursuance of any other provisions, it shall be the duty of the director of planning or his or her duly designated representative thereafter to adjust and rename or renumber such street, as such may be required requested from time to time by action of the City Council; and

WHEREAS, renaming the alignment of Harvest Road and Powhaton Road ("Alignment") shown in Exhibit A to be "Aerotropolis Parkway" is consistent with the adopted Northeast Area Transportation Study (NEATS - 2018); and

WHEREAS, the renaming of the Alignment to Aerotropolis Parkway complies with Planning guidelines for custom street names; and

WHEREAS, renaming the Alignment supports property owners as they initiate compatible development in Northeast Aurora; and

WHEREAS, on July 28, 2021, ARTA's Board held a scheduled public meeting and at that meeting voted in support of renaming the Alignment to Aerotropolis Parkway; and

WHEREAS, place branding of the Aerotropolis name supports the new Interstate 70 interchange at the Harvest Road alignment; and

WHEREAS, place branding of the Aerotropolis name contributes to added visibility to primary connections between Interstate 70 and DEN; and

WHEREAS, studies have shown that implementing brand value and place branding contributes to national and international visibility in a competitive economic environment; and

WHEREAS, the City will work with the Colorado Department of Transportation to provide signage at the interchange on Interstate 70 to incorporate Aerotropolis Parkway content; and

WHEREAS, Aurora City Council, acting by resolution pursuant to Aurora City Code Section 5-1, does hereby support the renaming of the Alignment to Aerotropolis Parkway.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF AURORA, COLORADO:

Section 1. The Resolution by the City Council of the City of Aurora, Colorado Renaming a Portion of Harvest Road Alignment and Powhaton Road Alignment to Aerotropolis Parkway is hereby approved.

Section 2. The Mayor and the City Clerk are hereby authorized to execute this Resolution on behalf of the City in substantially the form presented at this meeting, with such technical additions, deletions, and variations as the City Attorney may deem necessary or appropriate and not inconsistent with this Resolution.

Section 3. All resolutions or parts of resolutions of the City in conflict herewith are hereby rescinded.

RESOLVED AND PASSED this ____ day of _____, 2021.

MIKE COFFMAN, Mayor

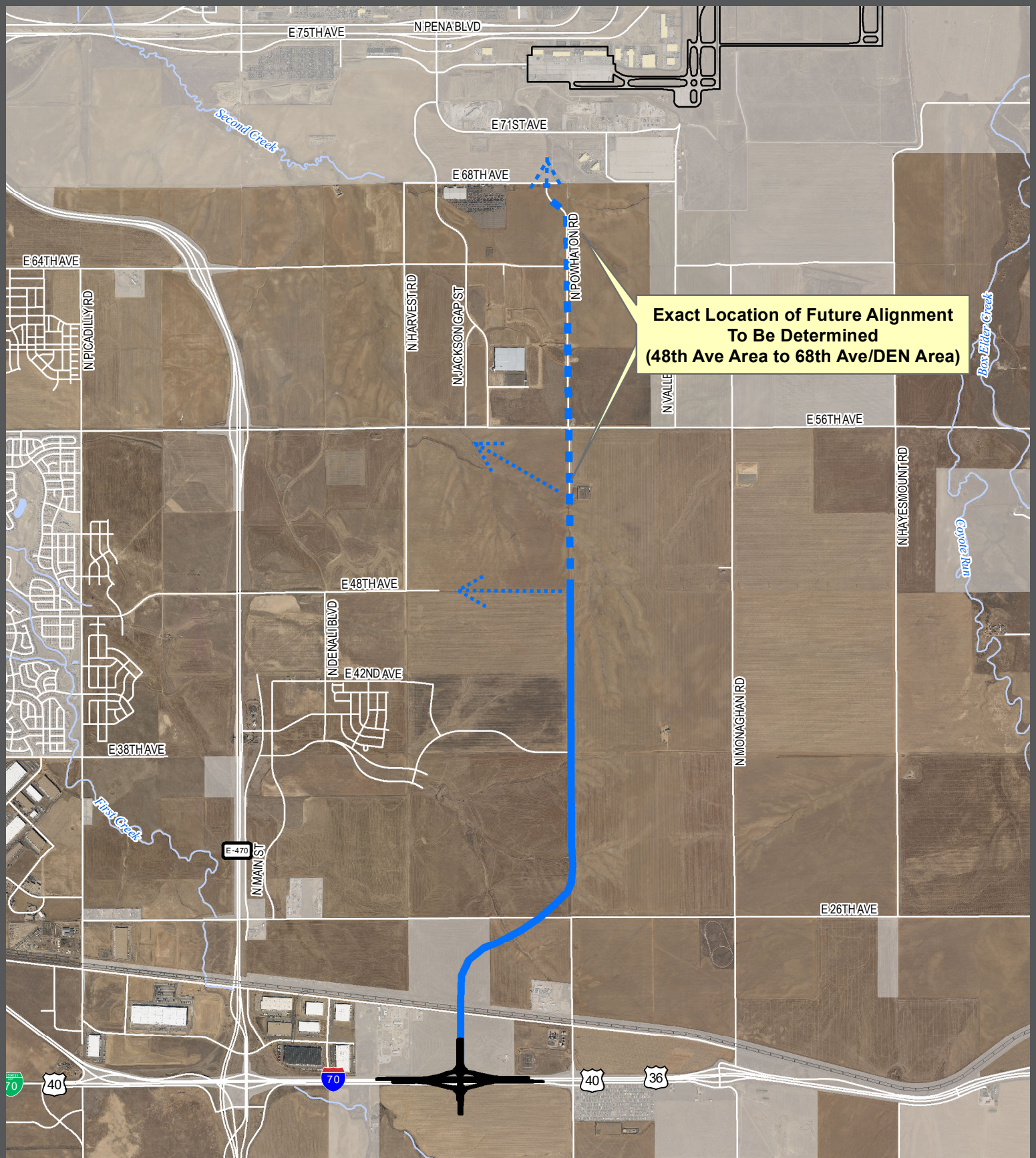
ATTEST:

KADEE RODRIGUEZ, City Clerk

APPROVED AS TO FORM:

Michelle Gardner

MICHELLE GARDNER, Sr. Assistant City Attorney



Exact Location of Future Alignment To Be Determined (48th Ave Area to 68th Ave/DEN Area)

Planning & Development Services

15151 E. Alameda Parkway
 Aurora CO 80012 USA
 AuroraGov.org
 303.739.7250
 GIS@auroragov.org

City of Aurora, Colorado

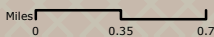
Resolution Exhibit A
 Aerotropolis Parkway Alignment

July 28, 2021



Legend

- I-70/Aerotropolis Parkway Interchange
- Aerotropolis Parkway Alignment
- Future Aerotropolis Parkway Alignment
- Other Jurisdictions





CITY OF AURORA

Council Agenda Commentary

Item Title: 2021 International Building Code Adoption
Item Initiator: Jose Rodriguez, Building Plan Review Manager, Public Works Dept., Building Division
Staff Source/Legal Source: Jose Rodriguez, Building Plan Review Manager, Public Works Dept., Building Division
Outside Speaker: N/A
Council Goal: 2012: 1.0--Assure a safe community for people

COUNCIL MEETING DATES:

Study Session: N/A

Regular Meeting: N/A

ACTIONS(S) PROPOSED *(Check all appropriate actions)*

- Approve Item as proposed at Study Session
 - Approve Item and Move Forward to Regular Meeting
 - Approve Item as proposed at Regular Meeting
 - Approve Item with Waiver of Reconsideration
- Why is a waiver needed?[Click or tap here to enter text.](#)

Information Only

PREVIOUS ACTIONS OR REVIEWS:

Policy Committee Name: N/A

Policy Committee Date: N/A

Action Taken/Follow-up: *(Check all that apply)*

- Recommends Approval
- Forwarded Without Recommendation
- Minutes Attached
- Does Not Recommend Approval
- Recommendation Report Attached
- Minutes Not Available

HISTORY *(Dates reviewed by City council, Policy Committees, Boards and Commissions, or Staff. Summarize pertinent comments. ATTACH MINUTES OF COUNCIL MEETINGS, POLICY COMMITTEES AND BOARDS AND COMMISSIONS.)*

This was presented to Joint Task Force Committee on July 8, 2021 and the Building Code and Contractor's Appeals and Standards Board Meeting on July 13, 2021 where it received support from both groups.

ITEM SUMMARY *(Brief description of item, discussion, key points, recommendations, etc.)*

The Building Division believes that adoption of the 2021 International Codes will allow the City of Aurora to stay current with the new national codes that have been developed to provide uniformity among different jurisdictions across the country. Architects, engineers and other design professionals are familiar with the current edition of these codes and adoption of the 2021 editions will allow for an easier interaction with the city of Aurora.

QUESTIONS FOR COUNCIL

Does the Committee wish to adopt the 2021 International Codes as recommended by staff and forward the Ordinance onto Study Session for consideration by the whole Council?

LEGAL COMMENTS

The council shall have all legislative powers of the city and all other powers of a home rule city not specifically limited by the Constitution of the State of Colorado and not specifically limited or conferred upon others by this Charter. It shall have the power to enact and provide for the enforcement of all ordinances necessary to protect life, health and property.

City Charter Sec. 3-9
(Money)

PUBLIC FINANCIAL IMPACT

YES NO

If yes, explain:

PRIVATE FISCAL IMPACT

Not Applicable Significant Nominal

If Significant or Nominal, explain:



Public Works, Building Division
15151 East Alameda Parkway
Aurora, Colorado 80012

MEMORANDUM

DATE:

TO: Planning, and Economic Development Committee

FROM: Jose Rodriguez, Plan Review Manger, Public Works Dept., Building Division

RE: 2021 Code adoption summary

BACKGROUND

Building codes are a set of rules that are to be followed to satisfy the minimum acceptable levels of safety for all buildings and structures. The objective of building codes is to ensure the health, safety and protection of the public when it comes to the construction and occupancy of buildings. Building codes stipulate details of the construction and maintenance of a building. These include fire safety rules; safety exits in buildings, limitations regarding how far a fire can spread and the provision of adequate firefighting equipment. There are also structural requirements; buildings need to be built strong enough to resist internal and external forces (wind, snow, etc.) without collapsing. Codes also cover health stipulations such as adequate air circulation, lighting and plumbing facilities.

The Building Division believes that adoption of the 2021 International Codes will allow the City of Aurora to stay current with the new national codes that have been developed to provide uniformity among different jurisdictions across the country. Architects, engineers and other design professionals are familiar with the current edition of these codes and adoption of the 2021 editions will allow for an easier interaction with the city of Aurora. Below is a summary of the jurisdictions that plan to adopt the 2021 Codes within the next 6-12 months.

Denver	Longmont	Thornton
Glenwood Springs	Westminster	Boulder County
Lakewood	Broomfield (April 2023)	Golden
Town of Erie	Lafayette	Lone Tree

State of Colorado Department of Public Safety Division of Fire Prevention and Control (July 2021)

INTRODUCTION

In 2015 Aurora City Council approved the adoption of the International Building Codes which became effective on November 15, 2015. The codes adopted at that time were the 2015 editions of the International Building Code, International Residential Code, International Mechanical Code,

International Fuel Gas Code, International Existing Building Code, International Energy Conservation Code and the International Plumbing Code.

The 2021 editions have now been published and are available for use and adoption by jurisdictions nationwide. For the Building Division to remain consistent with surrounding jurisdictions and enforce the most current building codes we are proposing that the city adopt the 2021 editions of these international codes. The proposed revisions to Chapter 22 of the City of Aurora Code to reflect the adoption of these codes are attached.

Groups representing the construction industry are familiar and supportive of the International Codes and adoption of the 2021 International Codes by the City of Aurora would allow the City to remain consistent with surrounding jurisdictions which have already adopted, or are soon planning on adopting these codes in the next six to twelve months. The City of Aurora Building Code and Contractor's Appeals and Standards Board has written a letter of support which are contained in the back up materials.

In an effort to provide education about the new code requirements the Building Division will provide free code training to the general public including city of Aurora licensed contractors and other industry representatives. This will allow any questions to be answered about upcoming changes and how they may affect future construction projects.

STAFF RECOMMENDATIONS

It is the recommendation of the Building Division to adopt the 2021 International Building Code, 2021 International Residential Code, 2021 International Mechanical Code, 2021 International Plumbing Code, 2021 International Energy Conservation Code, 2021 International Existing Building, 2021 International Swimming Pool and Spa Code and the 2021 International Fuel Gas Code. Adoption of these codes will contribute to maintaining a consistent and coordinated set of building codes for all new construction projects in the City of Aurora.

ATTACHMENTS

Revised Chapter 22 of the City Code of the City of Aurora reflecting 2021 I-Code adoption.
Summary of significant changes contained in the 2021 version of the International Codes

POLICY QUESTION FOR THE COMMITTEE

Does the Committee wish to adopt the 2021 International Codes as recommended by staff and forward the Ordinance onto Study Session for consideration by the whole Council?

SOME OF THE BIGGER CHANGES FOUND IN THE 2021 INTERNATIONAL CODES

General Items

1. One of the findings from this evaluation is that ICC has really made a good effort to align all the codes, so any conflicts between codes are minimized.

2021 International Building Code (IBC)

2. 311.2 311.3 Alcoholic Beverage Storage – New occupancy group classifications for alcohol content above 16% to S-1 and below 16% to S-2.
3. 404.5 Smoke control in Atriums – Expanded exceptions for Atriums are greater than 2 stories with two conditions.
Condition 1- only the two lowest stories can be open to the atrium
Condition 2 – all stories above the lowest two shall be separated from the atrium.
4. 404.10 Exit Stairway in an Atrium – Five conditions have been added for exit stairways in Atriums.
5. 406.6.4 Mechanical Access Enclosed Parking Garages – Section added for access-controlled garages. 2hr separation from other occupancies. Smoke removal required. Fire control equipment and fire department access door required.
6. 407.2.7 / 420.9 Domestic Cooking Appliances in I-1 and I-2 Occupancies – Group I-2 which have domestic cooking appliances have six itemized requirements for code compliance.
7. 407.4.4.3 Access to Corridor – Group I-2 care suites shall have a door leading to an exit access with not more than 100 feet of travel.
8. 411.5 Puzzle Room Exiting Puzzle - Puzzle room exits have 3 options for code compliance.
9. 503.1.4 / 1006.3 Occupied Roofs – Occupied roofs are not included in building height. Method for egress from occupied roofs is defined.
10. Tables 504.3, 504.4, 506.2 Allowable Height, Stories Above Grade Plane, and Allowable Area – All tables have been revised for easier calculations.
11. 602.4 / 602.4.3 Type IV- C Construction – This section is revised to accommodate Mass Timber buildings along with heavy timber construction.

12. 703.6 Determination of Noncombustible Protection Time Contribution – Added section for mass timber protection for comparison against ASTM and UL standards.
13. 704.6.1 Secondary Attachments and Fire Proofing – Secondary steel attachments to have the same fireproofing for primary structural members.
14. 1010.2.4 Locks & Latches – Institutional use I-1 occupancy group now has special locking arrangements.
15. 1030.16 Handrails at Social Stairs – Social stair safety requirements are now in the building code.
16. 1107.2 Vehicle Charging Stations – Accessibility requirements for accessible parking spaces with charging stations in R-2, R-3, and R-4 occupancies.
17. 1110.6 Bottle Filling Stations – Accessible bottle filling stations requirements are now in the building code.
18. 1207 Enhanced Classroom Acoustics – Education occupancies have a stricter requirement for acoustics in classrooms that are deemed essential for learning.
19. 1210.3 Restroom Privacy – Concerns regarding privacy within public restrooms have been addressed by requiring a screening element at the entry to the restroom.
20. 3115 Intermodal Shipping Containers – Use of intermodal shipping containers as buildings and structures now address in code.

2021 International Residential Code (IRC)

1. R302.2.2 Common Walls exception – Walls separating townhouses shall be fire-rated in accordance with two criteria. An exception is added for common walls.
2. R303.4 Mechanical Ventilation – Building and dwellings built in accordance with N1102.4.1 (Building Thermal Envelope) shall be provided with mechanical ventilation.
3. R310.4.2.2 Steps (Area Wells) – Formerly window wells; area wells are given minimum dimensions for steps for these areas.

4. R320.2 Accessibility for Live Work Units – Non-residential portions of these units shall meet accessibility requirements in the 2021 IBC.
5. R326 Habitable Attics – Habitable attics are addressed and given criteria for construction in houses.
6. R328 Energy Storage Systems – This new section provides direction for energy storage systems in houses.
7. R507.10 Exterior Guards (Decks) – Exterior guards for decks has requirements for constructability.
8. Table R602.10.3 Wall Bracing Requirements Based on Wind Speed – This table changed to account for the wind speeds for less than or equal to 95MPH.
9. R704 Soffits – Soffits has new criteria for windspeed and materials.
10. R802.6 Bearing – Roof bearing changes for wood roof framing.
11. N1101.7.2 Climate Zone Definitions – New climate zone definitions are included for the houses.
12. Table N1102.1.3 Insulation Minimum R-values and Fenestration Requirements by Component – Increased prescriptive insulation values.

2021 International Plumbing Code (IPC)

1. 403.1.1 Exceptions 2 and 3 Fixture Calculations – The code recognizes new options for calculating fixtures based on occupant load.
2. 403.2 Exceptions 5 and 6 Separate Facilities – This section considers use of toilet rooms for all genders.
3. 410.3.2 /410.4 Drinking fountains – The code does not permit bottled water dispensers for substitutions to drinking fountains.

2021 International Energy Conservation Code (IECC)

1. C405.3.2 Interior Lighting power allowance – New requirements for total building interior lighting power.
2. C405.4 Lighting for Plant Growth – This section gives criteria for lighting for commercial plant growth.
3. C405.11.1 Automatic Receptacle Control - Rough inspections were added to sequence of required inspections.
4. C406 Additional Efficiency Requirements – Credits are given for certain items in a new commercial building's energy plan.

2021 International Mechanical Code (IMC)

1. 403.3.2.5 Ventilation Equipment – equipment shall be listed and labeled.
2. 502.20.1 Manicure and Pedicure Stations – Operation shall operate continuously while space is occupied.
3. 507.1 Exception 4. Commercial Kitchen Hoods - Requires a smoker oven to utilize an integral exhaust system or use type 1 grease hood.
4. 1105.9 Means of Egress – Machinery room larger than 1,000sf requires two exits.
5. 1107/1108/1109/1110 Refrigerant piping – New requirements for refrigerant piping.



2021 Building Code Adoption

City of Aurora Building Division



What is the Building Division?



Why does building code matter?

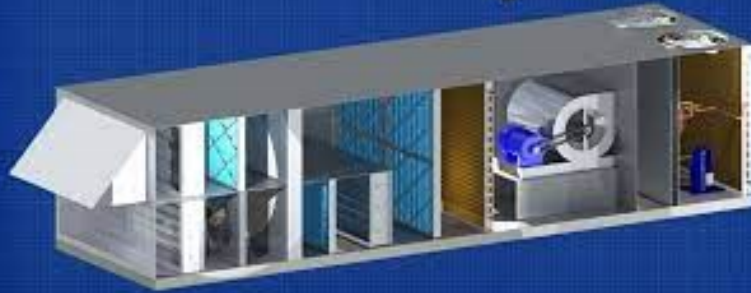


Why does building code matter?



Why does building code matter?

RTU - Rooftop Units



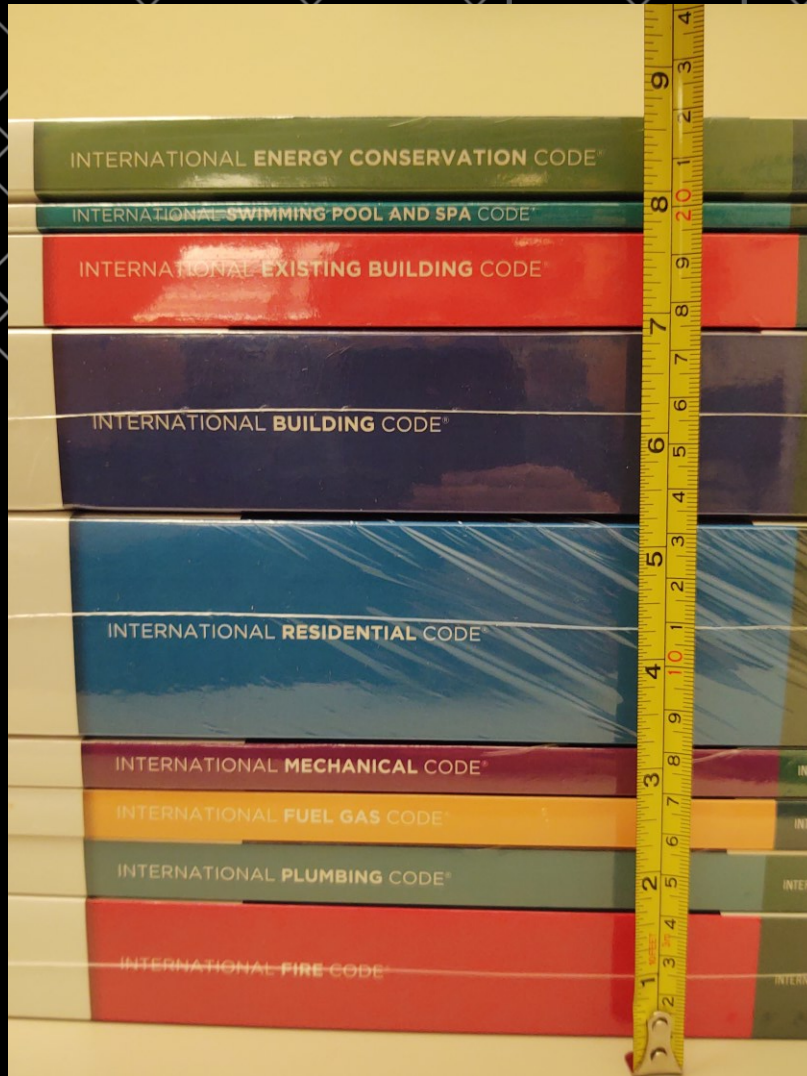
Aurora, Colorado

2021 International Codes Adoption

Who will be adopting the 2021 International Codes?

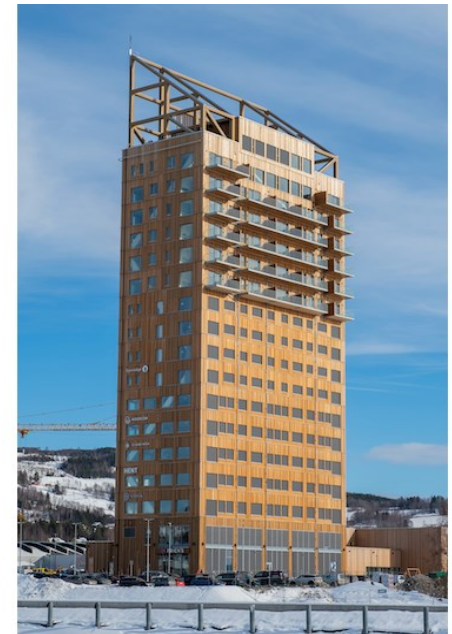
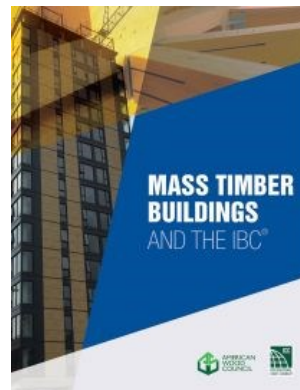


The 2021 Codes up for adoption



2021 International Building Code

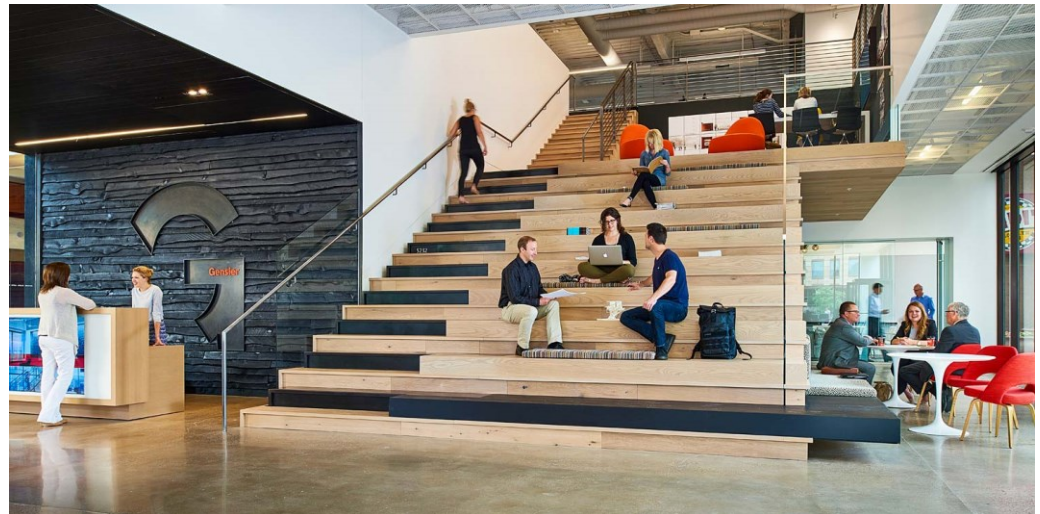
- Mass Timber Buildings- wood buildings can be up to 18 stories tall



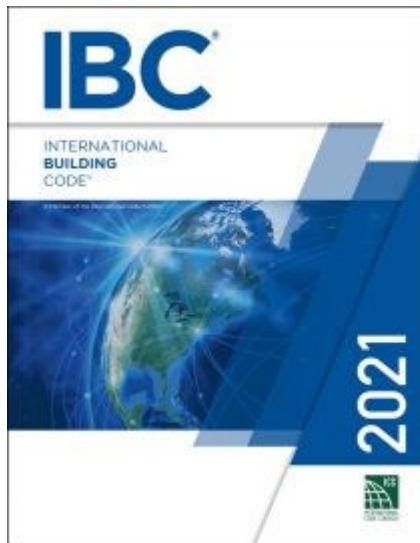
2021 International Building Code



- Social Stairs-Bleacher type seating in office buildings



2021 International Building Code



- Occupied Roofs



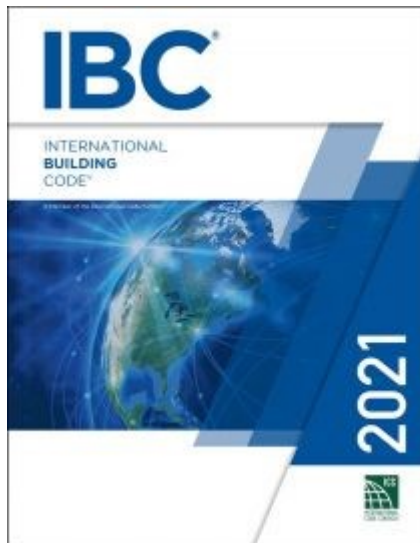
2021 International Building Code



- Intermodal Shipping Containers



2021 International Building Code



- Gender neutral facilities



2021 International Energy Conservation Code



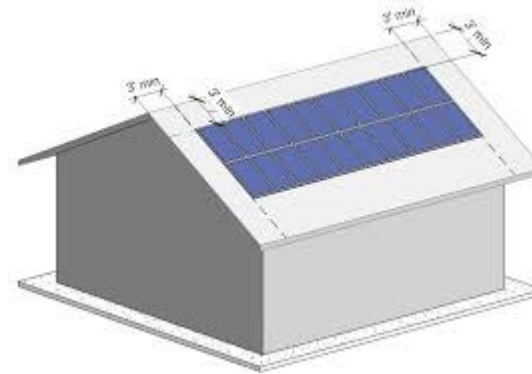
- Adopting the latest model codes in Colorado is estimated to reduce statewide greenhouse gas emissions (CO₂e) by 29,982,377 metric tons (MT) (over 30 years).



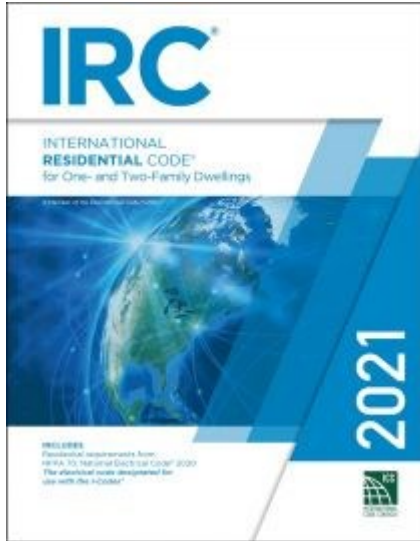
2021 International Residential Code



- Solar PV Pathways- for fire fighters



2021 International Residential Code



- Tiny Homes



2021 International Existing Building Code



- Door Locking arrangements in educational occupancies to keep intruders out.



2021 International Swimming Pool and Spa Code



- This code is specifically referenced by the IBC and IRC
- An ordinance change is required for water discharge



Aurora, Colorado

2021 International Codes Adoption

- Public input via email: Aurora2021codeupdate@auroragov.org
- Outreach included a presentation to the Joint Task Force Committee where we received support for this adoption.
- Support from the Building Codes and Contractors Appeals Board for this adoption.
- 2021 Code update training for the public.
- Predicting –late fourth quarter 2021 adoption.
- 3 to 4 - month period where applicants have the choice of 2015 or 2021 codes for projects.



Aurora, Colorado

2021 International Codes Adoption

Does the Committee wish to adopt the 2021 International Codes as recommended by staff and forward the Ordinance onto Study Session for consideration by the whole Council?





CITY OF AURORA

Council Agenda Commentary

Item Title: Annual Small Business SBDC Update Pandemic 8/11/21
Item Initiator: Marcia McGilley
Staff Source/Legal Source: Marcia McGilley
Outside Speaker: n/a
Council Goal: 2012: 5.4--Improve the health of the city's small business community

COUNCIL MEETING DATES:

Study Session: n/a

Regular Meeting: n/a

ACTIONS(S) PROPOSED *(Check all appropriate actions)*

- Approve Item as proposed at Study Session
 - Information Only
 - Approve Item and Move Forward to Regular Meeting
 - Approve Item as proposed at Regular Meeting
 - Approve Item with Waiver of Reconsideration
- Why is a waiver needed?[Click or tap here to enter text.](#)

PREVIOUS ACTIONS OR REVIEWS:

Policy Committee Name: Planning & Economic Development

Policy Committee Date: 8/12/2020

Action Taken/Follow-up: *(Check all that apply)*

- Recommends Approval
 - Does Not Recommend Approval
 - Forwarded Without Recommendation
 - Recommendation Report Attached
 - Minutes Attached
 - Minutes Not Available
-

HISTORY *(Dates reviewed by City council, Policy Committees, Boards and Commissions, or Staff. Summarize pertinent comments. ATTACH MINUTES OF COUNCIL MEETINGS, POLICY COMMITTEES AND BOARDS AND COMMISSIONS.)*

In September 2014, the South Metro Denver Small Business Development Center (SBDC) moved to the City of Aurora, and Aurora became the Host for the rebranded Aurora–South Metro SBDC during 2015. As the host organization, the full time Executive Director moved to the City.

ITEM SUMMARY *(Brief description of item, discussion, key points, recommendations, etc.)*

The Aurora–South Metro SBDC helps existing and new businesses grow and prosper by offering free and confidential business consulting and free/low-cost workshops. The Aurora-South Metro SBDC Center covers Aurora as well as Arapahoe, Douglas and South Adams and Jefferson counties. In 2020, the Aurora-South Metro SBDC served over 3,000 citizens with one-on-one consulting, presented 125 workshops and referred over 5,000 calls to the needed small business resources.

Funding comes from several grants (SBA, CARES Act (separate from City funding), Minority Business Office, Connect2DOT, Childcare, Leading Edge), City of Aurora, municipalities, and public/private partnerships.

The Aurora-South Metro SBDC achieved the following milestones from 1/1/2020 – 12/31/2020:

1. Created **economic impact** to the local community (**City of Aurora**) - Jobs Created: 104, Jobs Retained: 152, Capital Formation: \$7.8M; Increased Sales Increase: \$17.3M; Contracts/Amount: \$1.7M
2. Provided Exceptional **Customer Service** (CORE4 Value): Client Satisfaction rating of 97% for consulting and 96% for workshop instruction (out of 100%)
3. **Pandemic and Recovery Trends and SBDC Response Strategy** - Discussion
4. **Additional Funding:** In 2020, the SBDC brought in much needed extra funding to meet the needs of the local business community. Over and above the \$155,000 from the Small Business Administration and \$9,000 from the State of Colorado, we received \$254,000 in supplemental funding from the CARES Act, \$10,000 from the Office of Minority Business, \$20,130 from the Department of Transportation and \$26,500 from the Office of Early Childcare; a total of approximately \$300,000 in additional funding.
5. **Key strategic partnerships:** Chambers of Commerce, Aurora and Arapahoe Libraries, Arapahoe/Douglas Works! Workforce Center, PTAC, City of Aurora Retail Specialist, Community College of Aurora, Pickens Technical College, Office of International and Immigrant Affairs, NAACP, and others.

QUESTIONS FOR COUNCIL

n/a

LEGAL COMMENTS

The City Manager shall be responsible to the Council for the proper administration of all affairs of the City placed in his charge and, to that end, shall have the power and duty to make written or verbal reports at any time concerning the affairs of the City under his supervision upon request of the Council. City Charter § 7-4(e)
(Money)

PUBLIC FINANCIAL IMPACT

YES NO

If yes, explain:

PRIVATE FISCAL IMPACT

Not Applicable Significant Nominal

If Significant or Nominal, explain:

Aurora-South Metro SBDC Annual PED Update: 2020 Pandemic Response


Marcia McGilley, Executive Director

Success Story: Rustic Nomads



Rustic Nomads

- Food Truck
- Started Business in 2020
- Over 25 hrs of consulting & training
(Business Planning and Tax/Licensing)

SBDC Services Needed: Rustic Nomads

- Guided client through creation of Start-Up business plan
- Connected client with lenders for funding
- Connected to city departments & local resources
(Tri County Health Dept, Tax/License)
- Helped with brand development & marketing
- Assisted with bookkeeping & accounting

Economic Impact: Rustic Nomads

- Started NEW BUSINESS in Aurora
- Total Funds Received: \$50,000
(Commercial Loan)
- Jobs Created: 1 FT and 4 PT
- New sales tax generating business

SBDC Services (Virtual)



- One-on-One Business Consulting
(Free and Confidential; Evenings & Saturdays)
- Business Educational Webinars & Events
- Referral to Resources

All services offered in English and Spanish

3 Offices (Virtual)



**Territory: Arapahoe, Douglas and
south Jefferson and Adams counties**

***Neighborhood Small Business Office
(satellite office) - opening 4Q21
Dayton and Montview***

Business Webinars (Virtual)



- Fired Up: I Want to Start a Business!
- Business Planning: Start-Up and Pivot programs
- 201 Level: Marketing, Financial Docs, Lending, Funding
- Pandemic Loan & Grant webinars (Fed/County/State/Local)
- Industry Specific Programming:
 - Home-Based Child Care
 - Transportation & Construction
 - Minority Business Office: Certifications

Events

Capital Formation:

Business Resource & Lending Expo –
May & Oct 2021 (virtual)

Procurement:

Advancing Colorado Procurement
Expo (ACPE)
4/28/21 (virtual)
10/7/21 – Aurora Hyatt

Veteran's:

Colorado SBDC Network Veteran's
Conference: Oct '22 – Aurora



Core Funding



U.S. Small Business
Administration



A Nationally Accredited Program



The SBDC brought in **extra funding of approximately \$300,000** to meet the needs of the local business community:

- \$155,000 from the Small Business Administration
- \$9,000 from the State of Colorado (**\$4,000 new**)
- \$254,000 in supplemental funding from the CARES Act (**new**)
- \$10,000 from the Office of Minority Business (**\$5,000 new**)
- \$20,130 from the Department of Transportation (**\$10,000 new**)
- \$26,500 from the Office of Early Childcare (**\$16,500 new**)

2020 SBDC Service Volume: Full Area



- 1:1 Sessions: 4,211 (Pre-COVID: 1500)
- # Clients: 1,296 (Pre-COVID: 500)
- Webinars/Events: 125 (Pre-COVID: 65)
- Attendees: 1,767 (Pre-COVID: 850)
- Resource Referrals: 5,000+
(Pre-COVID: 2,500)

2020 Client Economic Impact: Full Area



- Jobs Created: 134 (SBA Goal: 83)
- Jobs Retained: 185 (SBA Goal: 95)
- Cap Form: \$8.1M (SBA Goal: \$3.8M)
- Incr. Sales: \$17.3M (SBA Goal: \$3.1M)
- Contracts: \$8M (SBA Goal: \$1.3)

Minority Ownership of SBDC Clients in City of Aurora



- Asian: 7.2% (Pop: 6.2%)
- Black/African Amer: 31% (Pop: 16.3%)
- Native Amer: 4% (Pop: 0%)
- White: 47.6% (Pop: 42.7%)
- Hawaiian/Pacific Islander: 0.8% (Pop: 0%)
- Hispanic: 19.9% (Pop: 18%)
- Other/Hispanic: n/a (Pop: 7.24%)
- No Race Response: 12.6% SBDC

2020 Service Volume: City of Aurora



- Hours of Consulting: 854
- Webinars/Events: 75
- Attendees: 1204
- Resource Referrals: Over 5,000
- AER 1,2,3 Assistance: Over \$11M
- Customer Service: 97%

2020 Client Economic Impact: City of Aurora

- Jobs Created: 104
- Jobs Retained: 152
- Capital Formation: \$7.8M
- Increased Sales: \$17.3M
- Contract/Amount: \$1.7M

Pandemic Trends:

- **Business Model Pivot (new products/services) – programs and consulting**
- **Sales and Marketing (online sales/pick-up & delivery) – programs and consulting**
- **Remote working, virtual signatures/notary, online communication with clients/employees**
 - **Bilingual (Spanish) – programs and consulting**

Recovery Trends:

- **Business Model (best/worst case scenarios) – Leading Edge program**
 - **Childcare Needs – Childcare program (English and Spanish)**
- **Workforce Issues: Recruiting, Hiring & Retention of Talent – new webinar**
- **Capital Formation – especially for Start-Ups – State program coming**
 - **Rapid Recovery: Pricing and Supply Chain Issues - consulting**
- **Grey Tsunami (Boomer exit; COOP opportunities) – COOP consulting**
 - **Return to Office Issues – consulting**
 - **Saturday and evening consulting sessions/webinars**

Client Satisfaction

Client reported per survey following each service:

One-on-One Consulting: 97%

Training: 96%

SBA Goal: 90%

City of Aurora Goal: 95%

Strategic Collaborations: City of Aurora

- Office of International & Immigrant Affairs
- Retail Program: Content Creation Studio – 5 different languages
- Arts District – SBDC Consulting
- Aurora Economic Relief, Recovery, Resiliency (AER 1,2,3) and Restaurant Program Grants - \$11M
- Advanced Colorado Procurement Expo – Fall 2021

Strategic Collaborations: Arapahoe County

- Arapahoe County Business Recovery Task Force
- Arapahoe CARES Programs and Municipal Programs
- Arapahoe/Douglas Works! - programs/events
- Arapahoe County Libraries – market research and Annual Business Resource & Lender’s Fair/Expo (Arapahoe Library)
- Local County and Municipality - training/event requests
- Chamber of Commerce(s) – training/resources
- South Metro Business Resource Partnership – co-founder

Strategic Collaborations:

External

- Aurora Asian/Pacific Community Partnership
- Community Wealth Building
- Colorado Office of Early Childhood
- Office of DEI & Community Engagement - CU Anschutz Medical Campus
- Aurora Chamber of Commerce
- Oromo Community, Mosaic Church, NAACP, Black Chamber, Hispanic Chamber, Hispanic Contractors Assoc., African Chamber
- Community College of Aurora, Pickens Tech College

State Strategic Collaborations: State of Colorado

- Colorado Office of Economic Development & International Trade
- Colorado SBDC Network
- Colorado Legal Relief Program
- Colorado SBDC Network Committees representation: TechSource, Alternative Funding, Accreditation and Strategic Planning, Early Childhood Development, Minority and Spanish language

Success Story: Havana Street Tattoo



Tattoo Business

- Havana Street Tattoo
- 15 Years at 1st Location
- Expansion: Legacy Tattoo Collective
- 2020 opened 2nd location
- 10 hrs. of business consulting



SBDC Services Needed: Havana Street Tattoo

- Research & creation of business plan for Expansion
- Connected client with lenders for funding
- Assisted with pandemic support PPP, EIDL, and COA
- Connected to municipal departments
(Planning & Biz Dev, Retail, Tax/License)

Economic Impact: Havana Street Tattoo

- Total Funding Received: \$79,000
(Loans, Federal and City Pandemic Assistance)
- Open 2nd location in Aurora: Legacy Tattoo Collective
- Jobs Retained: 6 FT
- Jobs Created: 1 FT

Contact Information

To refer Citizens to register for
One-on-One Consulting or Webinars:
www.Aurora-SouthMetroSBDC.com

For more information:
info@Aurora-SouthMetroSBDC.com
(303) 326-8686

mmcgille@auroragov.org
(303) 326-8694



CITY OF AURORA

Council Agenda Commentary

Item Title: Public Works Development Review Update
Item Initiator: Victor Rachael, Deputy Director of Public Works - Engineering
Staff Source/Legal Source: Victor Rachael
Outside Speaker: N/A
Council Goal: 2012: 3.0--Ensure excellent infrastructure that is well maintained and operated.

COUNCIL MEETING DATES:

Study Session: N/A

Regular Meeting: N/A

ACTIONS(S) PROPOSED *(Check all appropriate actions)*

- Approve Item as proposed at Study Session
 - Information Only
 - Approve Item and Move Forward to Regular Meeting
 - Approve Item as proposed at Regular Meeting
 - Approve Item with Waiver of Reconsideration
- Why is a waiver needed? [Click or tap here to enter text.](#)

PREVIOUS ACTIONS OR REVIEWS:

Policy Committee Name: N/A

Policy Committee Date: N/A

Action Taken/Follow-up: *(Check all that apply)*

- Recommends Approval
- Does Not Recommend Approval
- Forwarded Without Recommendation
- Recommendation Report Attached
- Minutes Attached
- Minutes Not Available

HISTORY *(Dates reviewed by City council, Policy Committees, Boards and Commissions, or Staff. Summarize pertinent comments. ATTACH MINUTES OF COUNCIL MEETINGS, POLICY COMMITTEES AND BOARDS AND COMMISSIONS.)*

As part of the general business agenda of the March 10, 2021 meeting, Item 3a, 2020 Development Review Annual Report and Development Process Update, an overview of various departments on time review performance was discussed. The Public Works – Engineering were very far below the performance metric goals.

At the PED Committee meeting in July, the committee requested follow-up and additional discussion around drainage reviews.

ITEM SUMMARY *(Brief description of item, discussion, key points, recommendations, etc.)*

Public Works will provide an update on current performance metric measures and a brief overview on drainage reviews.

QUESTIONS FOR COUNCIL

N/A – this item is informational only

LEGAL COMMENTS

The City Manager shall be responsible to the Council for the proper administration of all affairs of the City placed in his charge and, to that end, shall have the power and duty to make written or verbal reports at any time concerning the affairs of the City under his supervision upon request of the Council. City Charter § 7-4(e)
(Money)

PUBLIC FINANCIAL IMPACT

YES NO

If yes, explain: N/A

PRIVATE FISCAL IMPACT

Not Applicable Significant Nominal

If Significant or Nominal, explain: N/A

City of Aurora



Public Works Update Aug 2021

Victor Rachael, Deputy Director,
Public Works



Focus on Performance

Short-Term – Address Workload & External Resources

(Completed)

- Bohannon Huston Inc. and HR Green hired as consultants / extension of staff to assist with reviews
 - Consultants work directly with staff and supervisors
 - Teams familiar with City standards & processes
 - Assist in reviewing all facets of development review for Public Works
 - Reviews processes completed (Dec 2020 – July 2021): 238

Bohannon  **Huston**



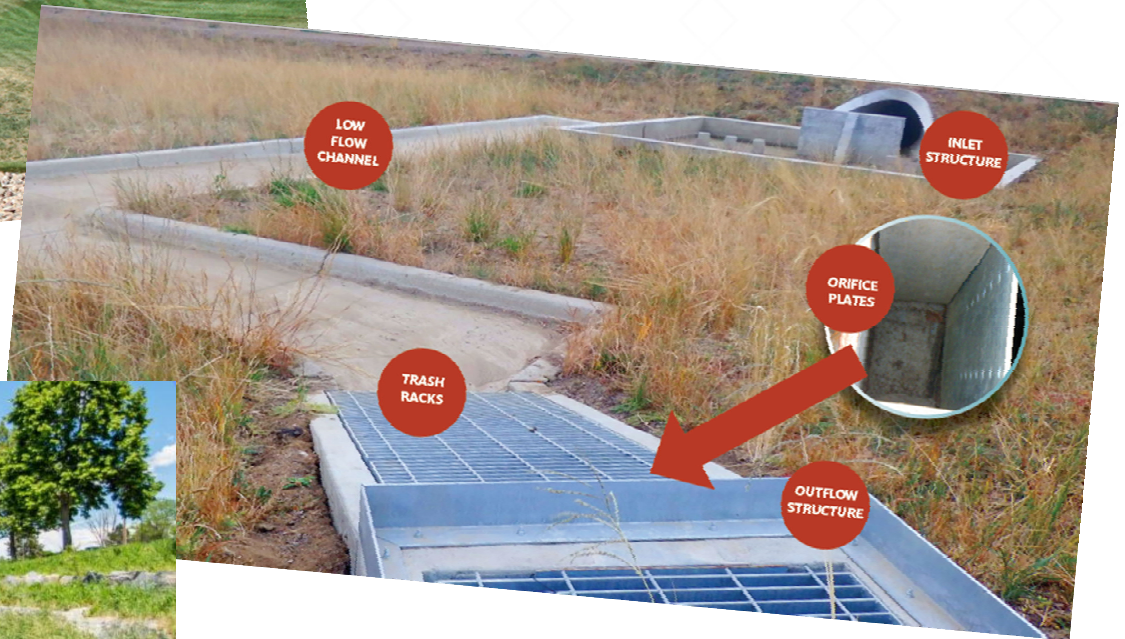
Focus on Performance

Short-Term – Address Workload & Internal Staff Resources

- City Staffing
 - Re-Org
 - 1 additional supervisor added to allow for earlier management engagement in reviews (Plan review triangle) **COMPLETED**
 - Hiring and on-boarding
 - 2 new review City staff added to the Public Works Development Review Team in March / April. **COMPLETED**
 - Balancing structure and workload with additional and improved supervision – **IN PROCESS**
- Civil Plan Review Performance
 - On Time performance for **July = 84%**
 - Within 5 days of review deadline: 91%



Drainage Reviews



Drainage Reviews

Process for Drainage:

- Master Drainage (Master plan submittal – 1st step)
 - Sets frame work for all over drainage inside the development
- Preliminary Drainage (site plan review – 2nd step)
 - Plans and report, per master drainage if applicable
 - Further refines critical components
 - Sizing of ponds and drainage ways
 - City criteria, Mile High Flood District, DEN, etc.
 - More detailed review of floodplain and floodway if applicable
- Final Drainage (civil plan review – 3rd step)
 - Plans and report
 - Builds on preliminary / master drainage
 - Final technical details / fine grading
 - FEMA permitting, if applicable

Drainage is reviewed by both Public Works and Aurora Water staff, along with any outside agencies, during all steps of the development review process. This includes staff and supervisors.





Questions?

