

Amazon/Airport Workforce Shuttle and ADA Paratransit Services

City Council Work Session



January 25, 2021

Craig Blewitt, Transit Services Manager

Brian Vitulli, Transit Planning Supervisor



Purpose of Presentation

- Overview of MMT Services
- The planning process for service expansion and philosophy
- Our ADA paratransit service: ADA requirements, adding ADA to express routes, and whether to exceed ADA requirements
- The proposed Amazon/Airport Terminal Workforce Shuttle service

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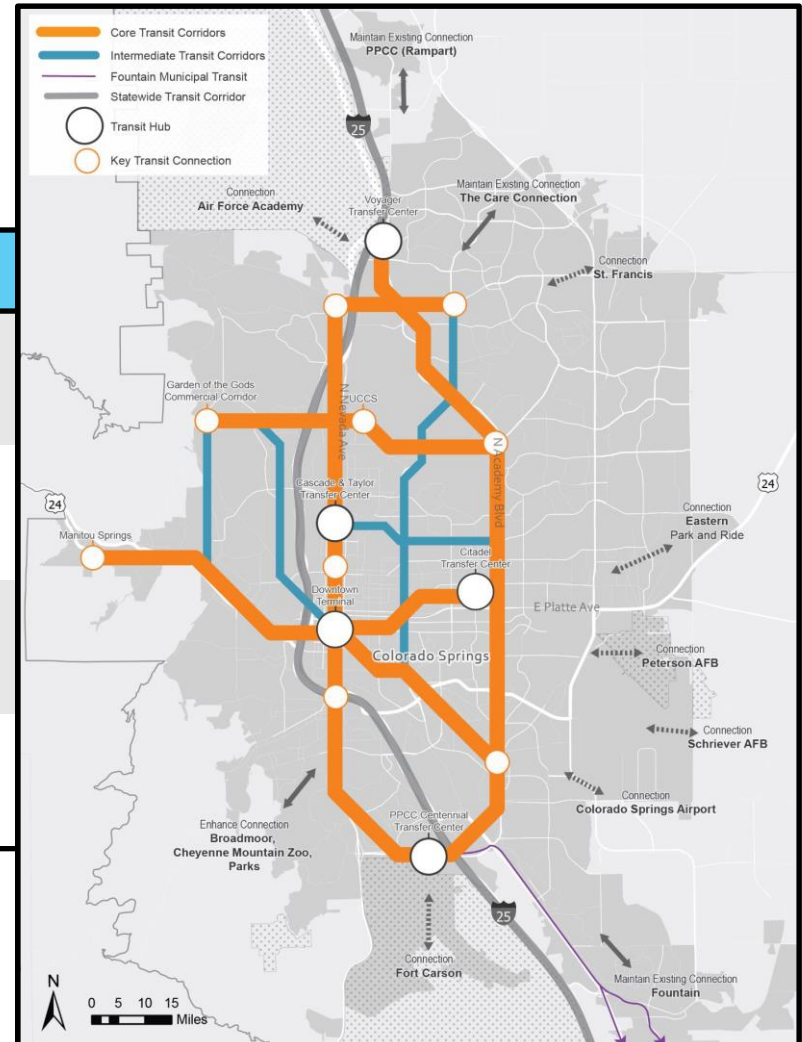
Transit Service Assessment (as of September 27, 2020)

- **Geographic Coverage (urbanized area)**
 - 34% UA within $\frac{1}{4}$ mile of a bus route
 - 52% UA within $\frac{1}{2}$ mile of a bus route
 - 65% UA within $\frac{3}{4}$ mile of a bus route (ADA Boundary)
- **Frequency (weekdays)**
 - 14 of 29 routes (30 routes during spring/summer service) run every 60 minutes
 - 1 route runs every 20 minutes (2 routes during spring/summer service)
 - 8 routes run every 30 minutes
 - 2 routes run every 45 minutes
 - 4 routes run every 15 minutes (Routes 1, 5, 25 & 27)
- **Span (days of the week/hours of the day)**
 - Operate 362 days of the year
 - All 29 routes operate weekdays, 6:15 AM to 6:45 PM
 - 13 routes operate weekday evenings past 6:45 PM (14 during spring/summer service)
 - 21 routes operate on Saturdays (22 during spring/summer service)
 - 12 routes operate on Sundays and holidays (13 during spring/summer service)

Fixed-Route Service Improvement

	2010	2021
Annualized Revenue	98K	202K
Service Hours		
Number of Routes ≤ 30 minutes (weekday)	5	14
Number of Evening Routes	0	14
Number of Days Operating in a year	255	362

2045 Regional Transit Plan Recommended Transit Corridors



Fixed-Route Bus Service

Serving the Pikes Peak Region

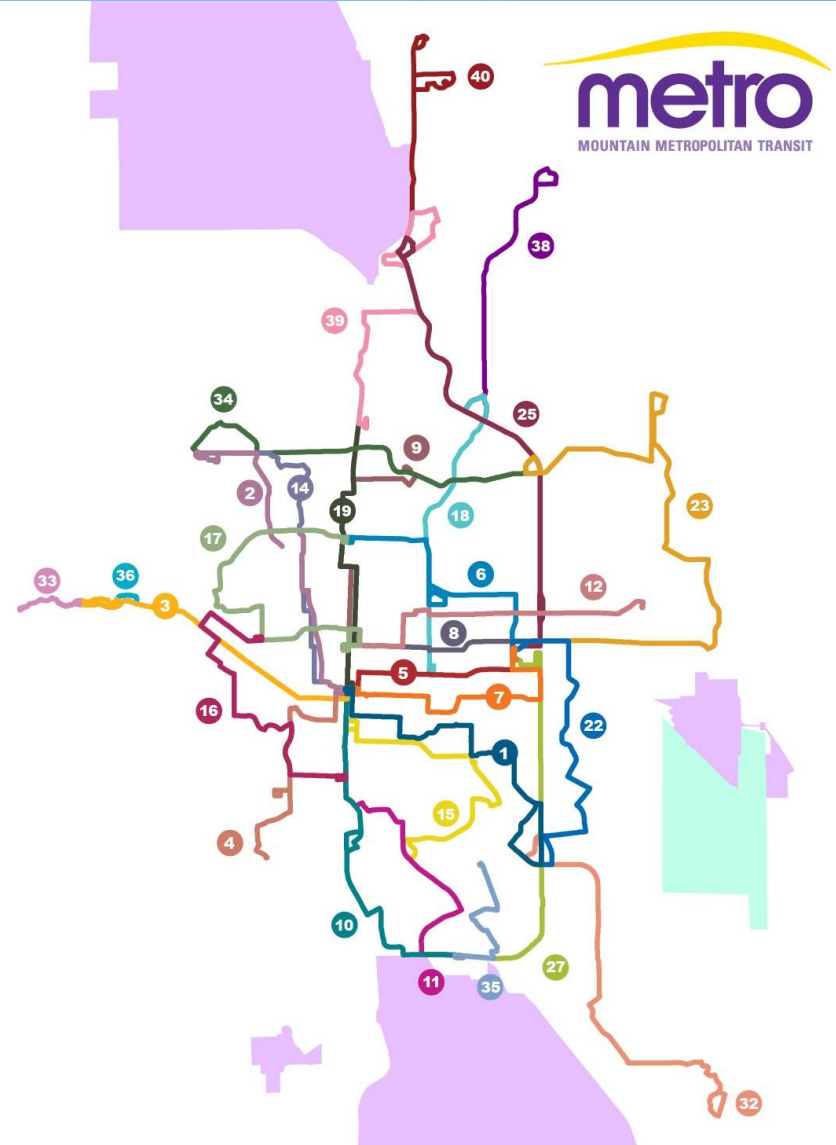
- North to PPCC Rampart Campus
- East to the Powers/Tutt Boulevard Corridor
- South into Widefield/Security
- West into Manitou Springs

TRANSIT SYSTEM MAP

Service is NOT provided on New Year's Day, Thanksgiving Day, or Christmas Day.
For detailed route information, visit mmtransit.com.

Route	Service Area	M-Map			
		Weekday	Evening*	Saturday	Sunday
1	Hillside - Hancock Plaza	15 min	60 min	30 min	30 min
2	Centennial Blvd - Garden of the Gods Rd	60 min		60 min	
3	Colorado Ave - Manitou Springs	30 min	60 min	30 min	30 min
4	30th St - Broadmoor	60 min	60 min	60 min	60 min
5	Boulder St - Citadel	15 min	60 min	30 min	30 min
6	Fillmore St - Citadel	60 min		60 min	
7	Pikes Peak Ave - Citadel	30 min	60 min	30 min	60 min
8	Cache La Poudre - Citadel	60 min		60 min	
9	Windsor Ave - UCCS	30 min	60 min	60 min	60 min
10	Hey 110 - PPCC Centennial	30 min		60 min	60 min
11	World Arena - PPCC Centennial	30 min	60 min	60 min	60 min
12	Palmer Park Blvd	60 min		60 min	
13	Chestnut St - Garden of the Gods Rd	60 min		60 min	
14	E Fountain Blvd - Cheyenne Mountain Center	60 min		60 min	
15	Bronxville St - Larkspur Gardens	60 min		60 min	
16	10th St - Fillmore St	60 min		60 min	
17	Union Blvd - Montebello Dr	45 min		60 min	
18	Welder St - Eagle Rock Rd	30 min	60 min	60 min	60 min
19	Southborough via Murray Blvd	60 min	60 min	60 min	60 min
20	Galaxy Rd - Tutt Blvd	60 min	60 min	60 min	60 min
21	N Academy Blvd - Voyager Transfer Center	15 min	60 min	30 min	30 min
22	S Academy Blvd - PPCC Centennial	15 min	60 min	30 min	30 min
23	Security-Widefield	60 min		60 min	
24	Indiana/Cog Shuttle	20 min	20 min	20 min**	20 min**
25	Garden of the Gods Rd - Austin Bluffs Pkwy	60 min		60 min	
26	Las Vegas St - PPCC Centennial	30 min		60 min	
27	Manitou Avenue Shuttle	20 min*	20 min*	20 min*	20 min*
28	The Core Connection				
29	Montebello Dr - Memorial McChesney's Hospital	45 min		60 min	60 min
30	Corporate Dr - Voyager Transfer Center	60 min		60 min	60 min
31	Voyager Transfer Center - PPCC Rampart	30 min		60 min	60 min

PPCC Centennial Transfer Center
 Downtown Terminal
 Colorado & Taylor Transfer Center
 Citadel Transfer Center
 Voyager Transfer Center
 Cache La Poudre & Nevada Transfer Center
 Woodmen Park & Ride
 Tutt Park & Ride
 Bus Stop - Single Route
 Bus Stop - Shared Routes
 24hr Bus Stop (not all routes stop here)



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Service Expansion

- Planning Process
 - Role of long range plan (2045 Regional Transit Plan)
 - Annual system-wide Route Analysis
 - New partnership, like Amazon
- Service expansion and philosophy
 - Buses run on major streets, hybrid multi hub & spoke and grid
 - Potential Alternative Transit Services including ADA
 - Deviated fixed-route or On-demand services

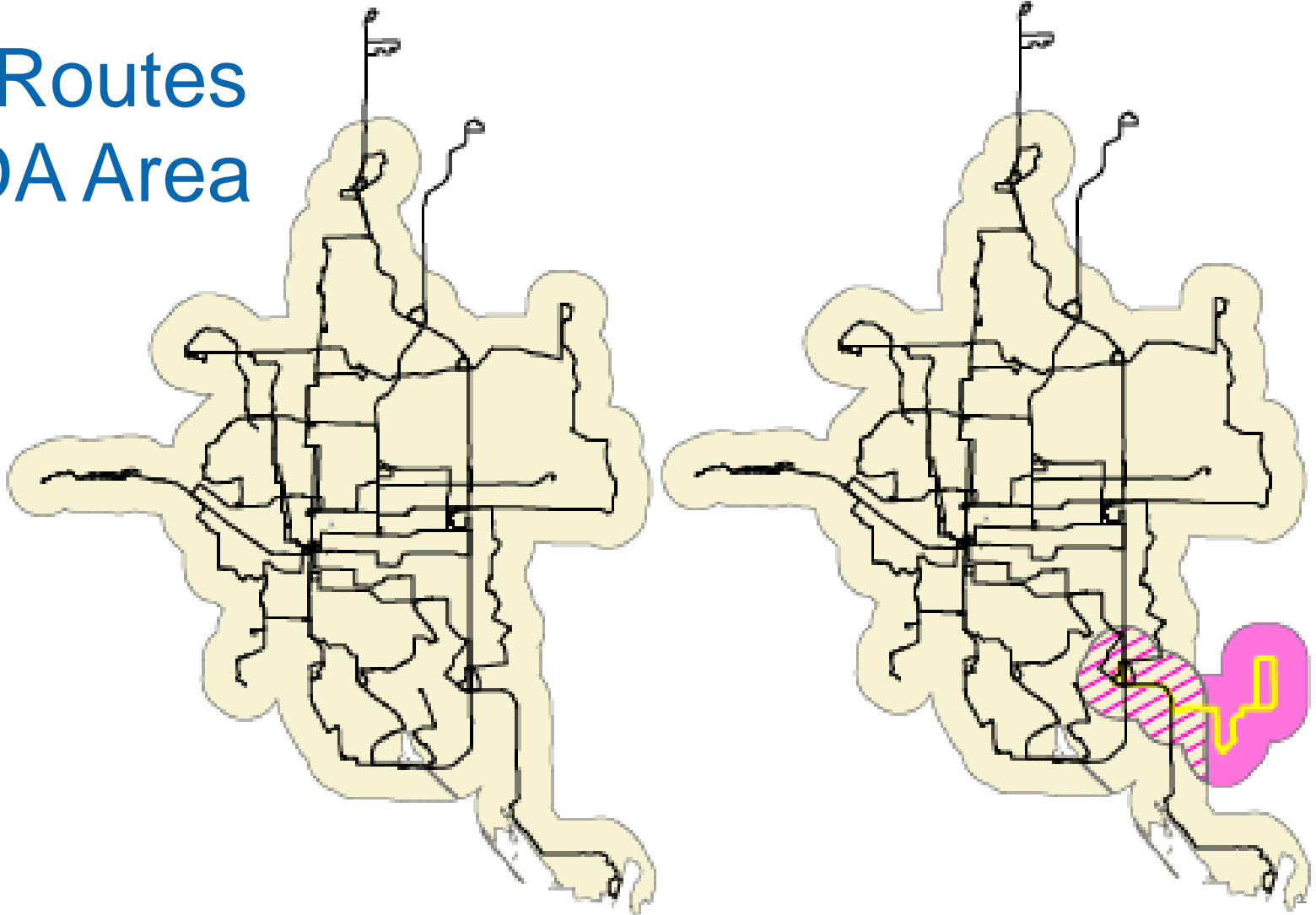
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Service Expansion - ADA

- ADA paratransit requirement
 - coincides with the operating days and hours of the fixed-route bus service and within $\frac{3}{4}$ mile of a fixed-route
 - Minimum Curb-to-Curb service
- Accessibility improvements on buses and stops
- Bus Stop improvements
- Travel training and certification
- Audio/visual stop announcements

Bus Routes & ADA Area



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Background - Amazon Service

- Approached by Amazon in March 2020 of potential need for transit service
- Met to discuss employee projections (approx. 3,000), construction completion, (June 2021), and potential to serve facility
- Recommended implementation of new Amazon/Airport Terminal Workforce Shuttle to be operated as an express service (no ADA)

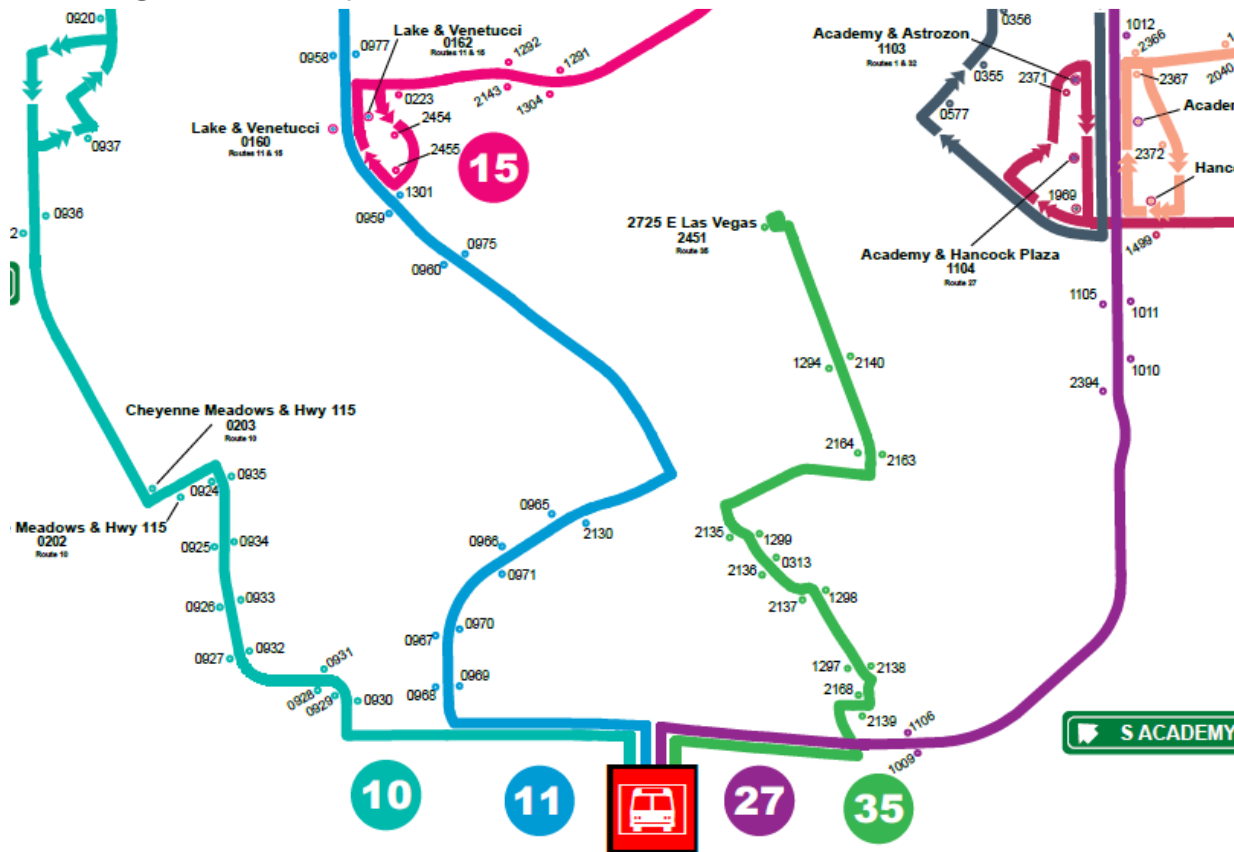
Amazon/Airport Workforce Shuttle

- Map showing proposed routing from Academy & Hancock transfer location to Amazon and Airport Terminal



Amazon/Airport Workforce Shuttle

- Map showing Academy & Hancock transfer location



Overview of Proposed Service

- Fixed route bus service to serve 3 stops: Academy/Astrozon Super Stop (Transfer Station), Amazon and Airport Terminal
- 7 trips/day coinciding with Amazon shift change times
- No complementary ADA service
- Persons with Disabilities (PWD) can still access the service by transferring at the Academy/Astrozon Super Stop

Why No ADA Service with Proposal

- TSD's practice is to start new bus routes that serve limited destinations as express routes, for a defined demonstration period
- If successful and funding, could add stops and complementary ADA service

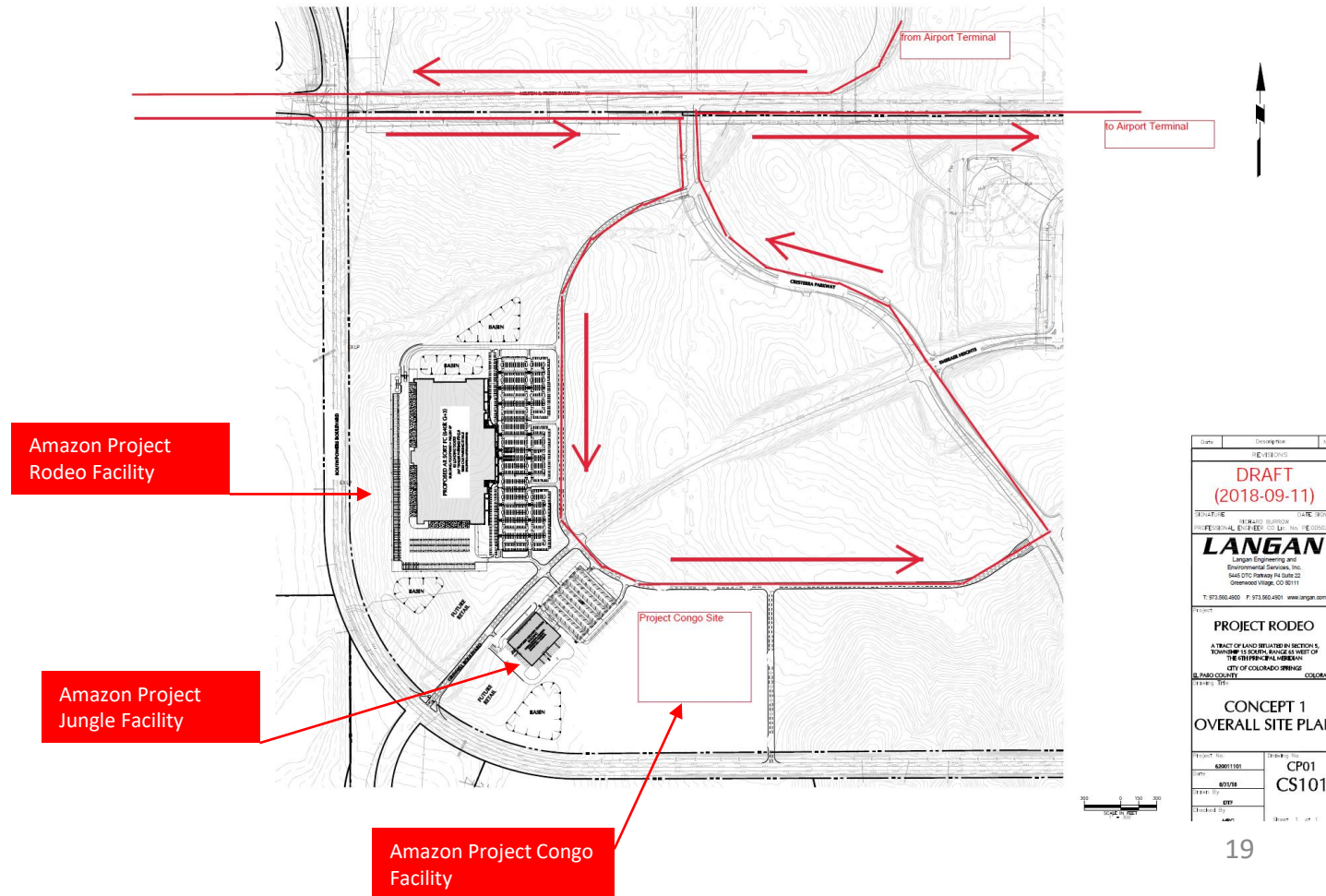
New Development: Project Congo

- Contacted in mid-November about new Project Congo development
- Request to service new location
- 280,000 sq. ft. package sorting facility
- Anticipated opening date: July-September 2021 (Project Rodeo in June)
- Employees scheduled for four- to five-hour work shifts
- Approximately several hundred employees proposed for this site

- Recommended to serve this new site and Project Rodeo with an all-day service.

Amazon/Airport Workforce Shuttle

➤ Route Map



Date:	Drawing No:	Scale:
REVISIONS		
DRAFT (2018-09-11)		
PROJECT:	PROJECT RODEO	
DESCRIPTION:	A TRACT OF LAND SITUATE IN SECTION 6, TOWNSHIP 33 NORTH, RANGE 65 WEST OF THE SIXTH PRINCIPAL MERIDIAN, CITY OF COLORADO SPRINGS, EL PASO COUNTY, COLORADO	
PROJECT NO.:	630011501	
DATE:	8/31/18	
PROJECT:	CP01	
DRAWING NO.:	CS101	
SCALE:	AS SHOWN	
DESIGNED BY:	L	
CHECKED BY:	L	
DATE:	8/31/18	

Additional Costs: Conversion from Express Route to Local Fixed-Route

- Routes 38 (Memorial North and Children's Hospitals): Currently \$157,000/year without complementary ADA service would increase to \$299,000/year with ADA
- Route 40 (PPCC Rampart Campus): Currently \$157,000/year without complementary ADA service would increase to \$299,000/year with ADA

Service Options

Amazon/Airport Terminal Workforce Shuttle		
Service Options	2021 Cost*	2022 Cost**
1: All Four Shifts, No ADA (Original Budget Submission)	\$131,888	\$179,000
2: All Four Shifts, With ADA	\$192,000	\$303,000
3: Three Shifts Only, No ADA	\$100,000	\$143,000
4: Three Shifts Only, With ADA	\$157,000	\$243,000
5: Weekday, Weekday-Evening, and Weekends, No ADA	\$233,000	\$370,000
6: Weekday, Weekday-Evening, and Weekends, With ADA	\$354,000	\$577,000
*2021 cost is for Mid-June-December 2021 and includes \$18,000 in marketing		
**2022 cost is for 12 months and does not include marketing		

Federal and State Grant Summary

Competitive and Formula Grant Funds Availability

- **Competitive Grant Funds**
 - Awarded based on a competitive process and not guaranteed
 - Competitive grants allow FTA to evaluate project proposals and award funding to projects that fulfill specific programmatic criteria
- **Formula Grant Funds (Urbanized Area Section 5307, Bus and Bus Facilities Section 5339)**
 - Allocated to a designated recipient, typically a state, local government, local transit agency or metropolitan planning organization
 - Funding is apportioned on the basis of legislative formulas.
 - Urbanized areas with populations of 200,000 or more, the formula is based on a combination of bus revenue miles, bus passengers miles, population and population density.

Federal and State Grant Summary

Recent Competitive Grants Applied for:

- FTA FY2019 Integrated Mobility Innovations (IMI) - Specialized 'Above and Beyond' Transportation Fleet Implementation
- FTA FY2019 Low or No Emission Vehicle Program (5339(c)) – 5 Battery Electric Buses and Associated Infrastructure
- FTA FY2019 Bus and Bus Facilities Program (5339(b)) – 2 Parallelogram Bus Lift Replacements
- FTA FY2020 Low or No Emission Vehicle Program (5339(c)) – 2 Battery Electric Buses and Associated Infrastructure and Maintenance Facility Upgrades
- FTA FY2020 Bus and Bus Facilities Program (5339(b)) - 4 Fixed Route Bus and 10 Paratransit Bus Replacements
- FTA FY2020 Accelerating Innovative Mobility (AIM) Challenge Grants – Implementation of Alternative Transit Service Models

Recent Competitive Grants Awarded:

- FTA FY2019 Bus and Bus Facilities Program (5339(b)) – Route 23 2 Battery Electric Bus Expansion Project, awarded \$1,621,500
- State of Colorado FY2020 Settlement Funding – 2 Replacement Battery Electric Buses, awarded \$1,289,052
- State of Colorado Senate Bill 267 – Downtown Transit Center, awarded \$8 million
- State of Colorado Multimodal Options Fund – Enterprise Asset Management Implementation, Alternative Services Implementation, and Bus Stop ADA Compliance and Accessibility, total awarded \$2 million
- FY2020 Community Development Block Grant Public Infrastructure – Bus Stop ADA Accessibility Construction, awarded \$250,000

Questions?



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