

Downtown Bus Hub Gate Optimization The expanded service propose Downtown Bus Plan is made personal control of the control of



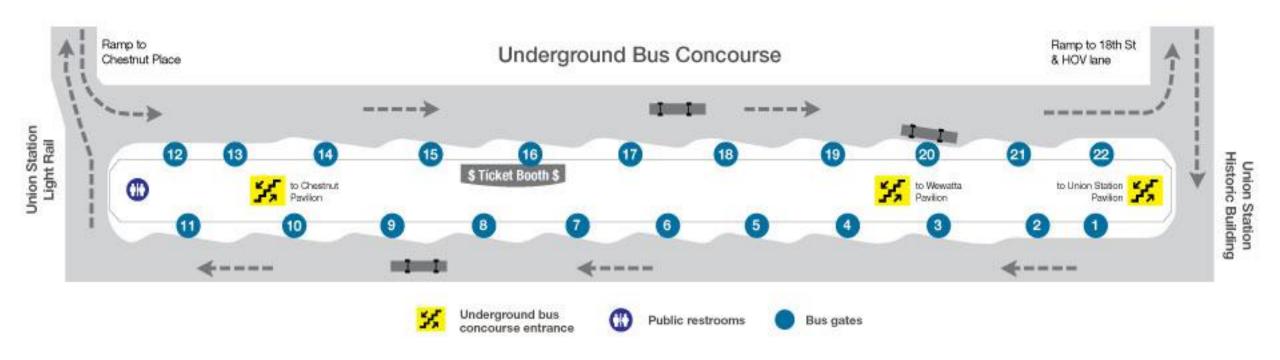
The expanded service proposed in the Downtown Bus Plan is made possible by re-assigning bus gates at both Denver Union Station (DUS) and Civic Center Station (CCS)

Bus travel times can be cut down by re-assigning bus gates at both DUS and CCS to cut out excessive run-around bus movements currently stretching journeys

Transfers between buses to / from rail at DUS are made easier for customers by shorter distances between gates and tracks

The Underground Bus Concourse at DUS





24 Gates Total
22 in underground bus
concourse
2 at 17th & Wewatta St

2 Entrances

SE: 18th St / HoV Lane

NW: Chestnut PI

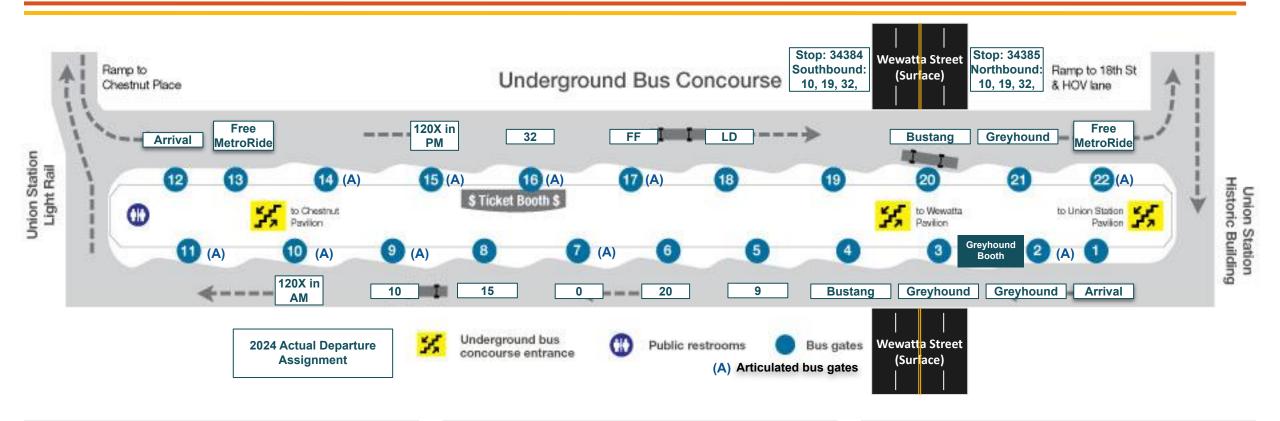
Outside Operators

Bustang (Gates 4, 20) Greyhound (Gates 2, 3, 21)



Getting the "Runaround" at DUS





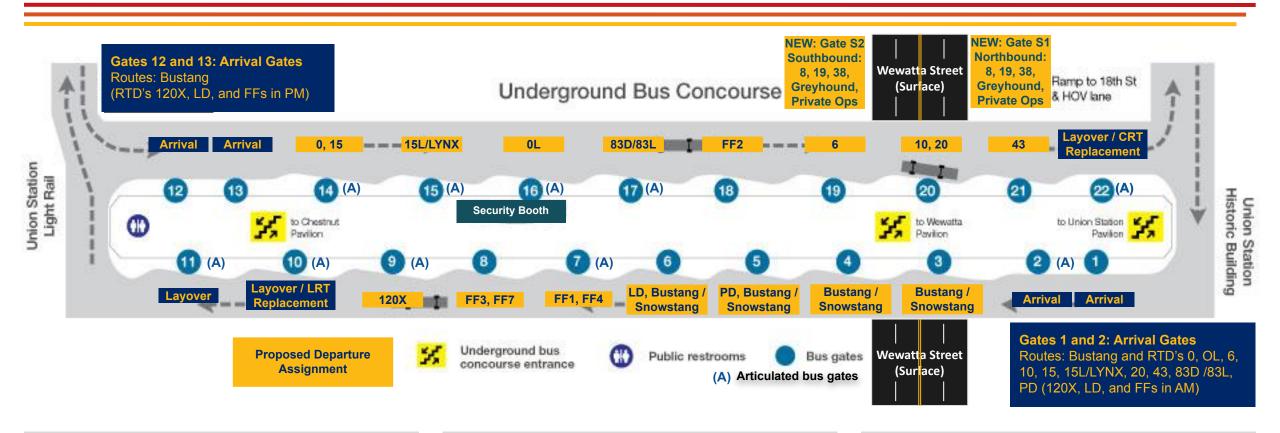
Gate assignments at DUS
Underground Bus Concourse
can add up a minute to travel
times for some routes

Gates 5-9 are assigned to southbound departures with buses required to round back and traverse an extra full concourse length

Boarding / disembarking zones frequently do not minimize transfer distances between bus to/from rail

DUS Bus Bay Optimization





RTD can optimize DUS gate assignments to decrease time spent traversing the concourse via bus while also lining up easy transfers to rail

arriving from the south should optimize transfers to commuter rail lines which mainly go north and east

RTD buses departing to and arriving from the north should optimize transfers to light rail lines which mainly operate south and west

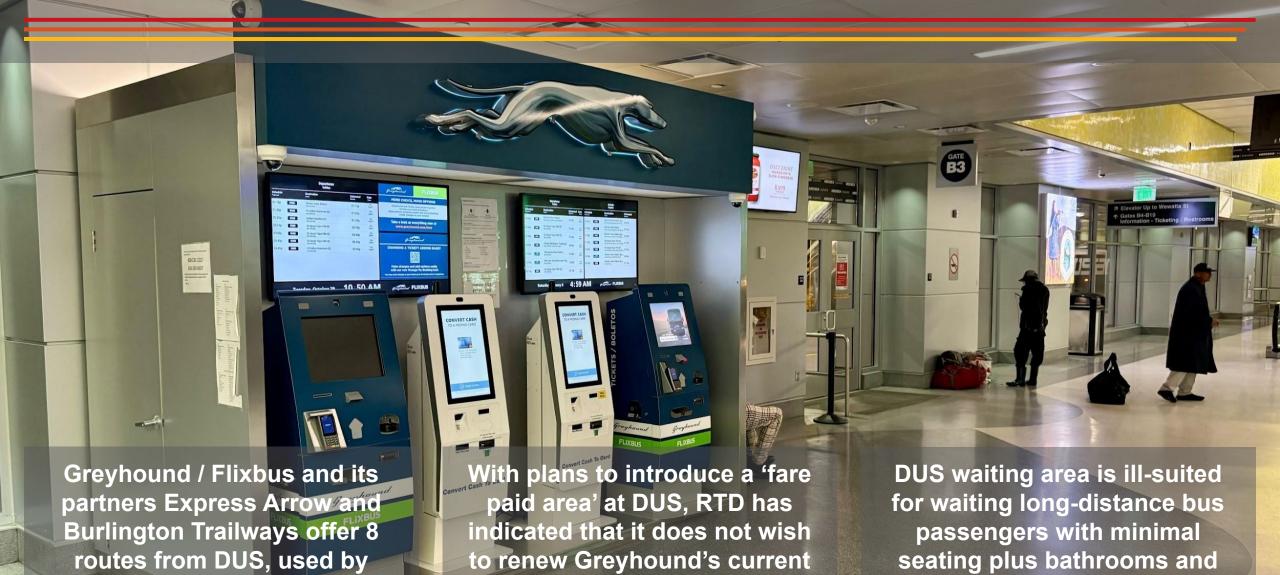
Gates S1 & S2: 17th & Wewatta Surface Level Stops 34384 (Southbound) and 34385 (Northbound) should be renamed to DUS (Street) Gates S2 and S1 **Upgraded stops should** Bike / scooter infrastructure feature canopies, shelter, should be moved away from information screens, lighting, and trash cans immediate gate areas

Greyhound at Denver Union Station

approx. 280 people / day



food options located far away

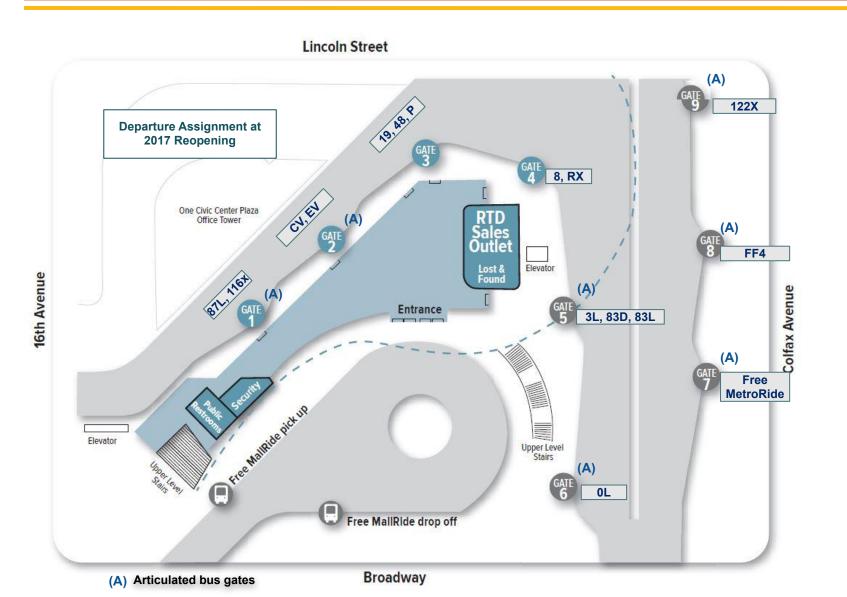


lease to operate there

Greyhound at Civic Center Station Proposal Start point of Greyhound / CCS has a large and Opportunity to provide at under-utilized climate Flixbus routes in Denver Civic Center the welcoming, could be transferred to CCS, controlled waiting room that dignified, comfortable waiting with only a brief stop retained has far better facilities for area Denver needs for at DUS for connections ong-distance bus passengers long-distance buses

Civic Center Station Today





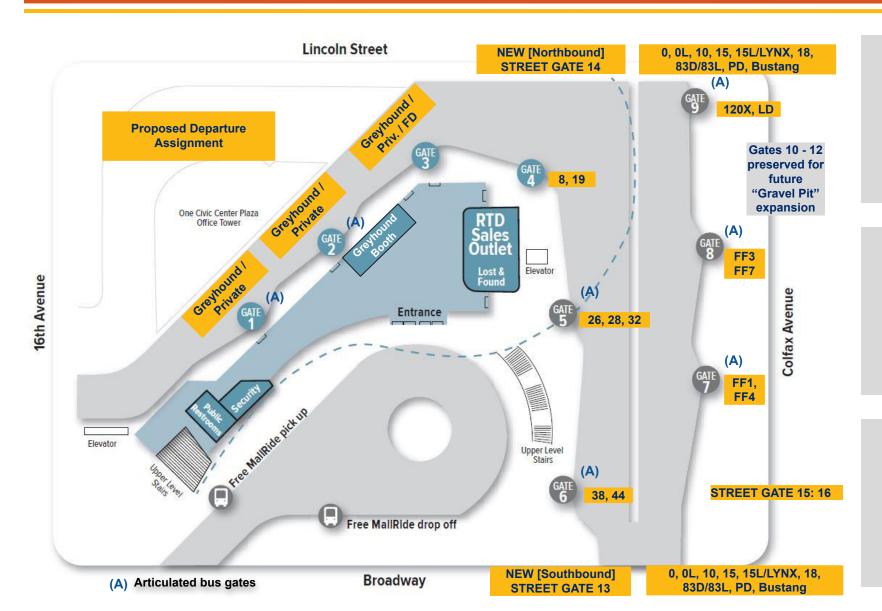
Civic Center Station operates as a shadow of its former self following the decline in peak commute traffic following the COVID-19 Pandemic

Service reductions mean both indoor and outdoor gates are underutilized

Civic Center Station's potential as a hub for local, regional, and long distance service remains with both RTD and private operators

Civic Center Bus Bay Optimization





For local RTD services, CCS'
6 subterranean gates offer
most efficient northbound
connections to 15th St via
Cheyenne PI

For regional RTD services, CCS' 3 above-ground gates offer most efficient northbound connections to 18th St via Lincoln St

For longer-distance services, CCS' 4 fully indoor gates offer most comfortable waiting, boarding, and disembarking experiences year-round

Civic Center Pass-Through Buses





Travel times on north-south oriented buses that serve, but do not terminate at CCS can be improved by avoiding Colfax congestion

Broadway and Lincoln's adjacent stops should be designated as Gates 13 and 14 respectively

These stops can more efficiently serve the PD, 0, 0L, 10, 15, 15L / LYNX, 18, 83D/83L, and Bustang

The Gravel Pit at Civic Center Station





RTD owns a plot of land located between Civic Center Station and Colfax Avenue known as 'The Gravel Pit'

As the Downtown bus network expands, more gate capacity for buses will be needed RTD should develop the land into 3 to 6 new bus gates, mixed used development may be constructed over the top

