



Together
we move



Phoenix, USA

INNOVIA APM 200 - Phoenix

Bombardier is helping to manage passenger flow and expansion at one of the busiest airports in the United States

Bombardier Transportation delivered the BOMBARDIER* INNOVIA* APM 200 automated people mover system at Phoenix Sky Harbor International Airport in Arizona. Known as PHX Sky Train®, the system opened in April 2013.

Under contracts awarded for Stage 1 of the system, Bombardier designed and supplied all electrical and mechanical equipment, including the highly-proven BOMBARDIER* CITYFLO* 650 automatic train control technology, a maintenance facility, and a fleet of 18 driverless INNOVIA APM 200 vehicles.

In addition, Bombardier provides operations and maintenance services, ensuring the system operates reliably and continuously 24 hours per day, 365 days a year.

In 2018, Bombardier was awarded a contract for Stage 2 of the system, including a 2.5-mile extension of the guideway, two new stations, an expansion of the maintenance facility, and the supply of 24 additional INNOVIA APM 200 vehicles.

24/7

operations / maintenance services.

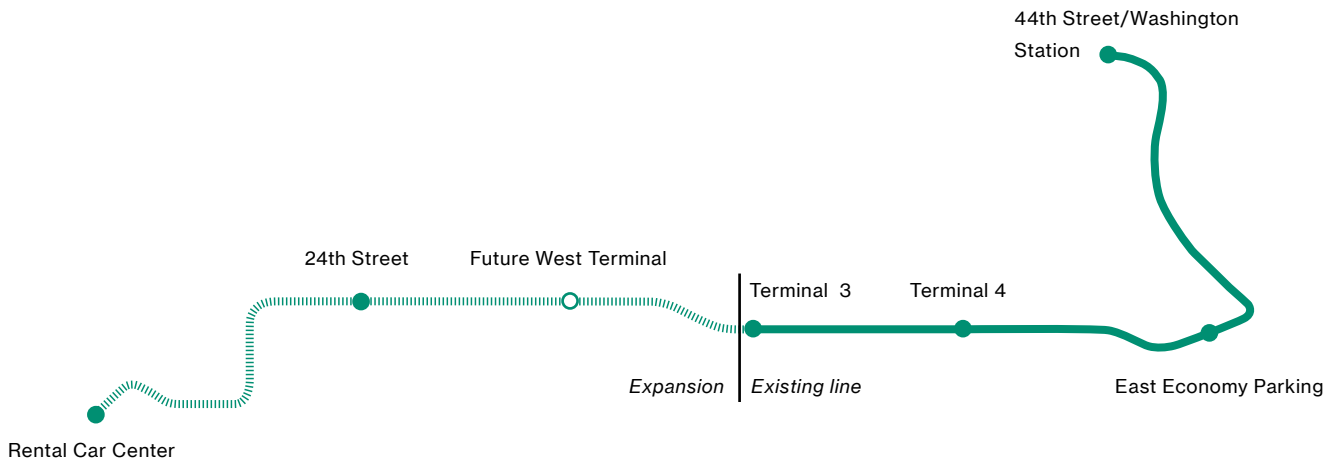
Ensuring the system operates reliably and continuously 365 days a year.

42

INNOVIA APM 200 vehicles.

Offering safe, dependable and comfortable service.

Phoenix Sky Harbor International Airport - PHX Sky Train



Project history

In service	April 2013
System expansions	2014 and 2018

Major subsystems

Train control	CITYFLO 650 moving block
Power supply	750 Vdc, UPS
Power collection	Running surface rail
Traction power substations	3 on main line, 1 in yard
Communications	Network, PA, CCTV, radio

System description

System type	INNOVIA APM 200
System operation	Pinched loop, driverless
System length	2.4 miles plus 2.5 mile extension underway
Number of lines	1 dual-lane guideway
Vehicle fleet	18 plus 24 on order
Peak-hour capacity**	3,300 pphpd
Average line speed	23 mph
Guideway length elevated	90%
Intermodal connections	Light rail transit system

Vehicle data

Type of vehicle	INNOVIA APM 200
Quantity	18 plus 24 on order
Train consist	2-car trains

Fixed facilities

Maximum guideway height	108'
Number of stations	4 plus 2 under construction
Platform length	164'
Station features	Station doors
Maintenance area location	Offline, adjacent to middle station
Maintenance area size	107,639 ft ² (expansion underway)
Maintenance area storage capacity	18 vehicles (expansion underway)

Services

Contract type	Operations and maintenance
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**Ultimate INNOVIA APM capacity is dependent on train and system configuration.



Passengers boarding INNOVIA APM 200 vehicle

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PHX Sky Train® is a third party trademark

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