Midwest Next Generation Equipment Purchase

Midwest States Equipment Procurement
Procurement Background

Equipment is jointly owned by the Midwest States Consortium

- Comprised of IL, MI, WI & MO

Manufactured by Siemens Corporation in Sacramento CA

- 33 Charger Locomotives
- 88 Passenger Railcars

Branded as “Amtrak Midwest”

Locomotives

Siemens Charger SC44 Diesel-Electric Locomotives
Cummins 4,400 Horsepower QSK95 Engines
Meets EPA Tier IV emissions standards
- Runs 90% cleaner than equipment that it is replacing

Significantly more reliable due to onboard diagnostics
Winter performance enhanced due to DC traction motors
Public Safety and Crew safety enhancements
Manufacturing is complete
Where in use

Chicago, IL – Milwaukee, WI
Chicago, IL – Carbondale, IL
Chicago, IL – Quincy, IL
Chicago, IL – St. Louis, MO
St. Louis, MO – Kansas City, MO
Chicago, IL – Grand Rapids, MI

Future routes
Chicago, IL – Port Huron, MI
Chicago, IL – Pontiac, MI

Railcars

- 137 single-level passenger railcars ordered from Siemens, 49 to Caltrans and 88 to the Illinois Department of Transportation for Midwest
- To be manufactured in Sacramento, CA
- 100% Buy America
- Will replace railcars currently being used by Amtrak in the Midwest
Car Enhancements

Increased ADA enhancements
- Integrated wheelchair lifts
- Fully ADA compliant washrooms
- Allows for freedom of movement for ADA customers between cars

Outlets at seats
USB ports at seats
Onboard information system
Customer wi-fi
Enhanced Food Service areas
Bicycle racks incorporated into cars

Styles of cars for Midwest

Single Level Passenger Railcar
- Coach Car
- Semi-Permanently coupled coach car
- Business/Coach
- Café/Coach
IDOT Planned Consists

Semi-Permanently Coupled Coaches

Semi-permanent coupling
Walkway between the semi-permanently coupled cars.

The married pairs allow smooth, open transition between the two cars
Car Interior

Leather Business Class Seating – 3 Seats Across

32 inch wide aisles for wheelchair access in all cars

Coach Class Seating - 4 Across

Car Interior

Washrooms are roomy, and meet all ADA requirements
Wheelchair Lifts

Wheelchair lifts will be included on both the Café/coach car and the Business/coach car. With a lift on each side of the car, they can be accessed if the platform is on either side.

Lift in stowed position inside doorway.

Stowed lift, from interior, side view.

Café Car

Café is still in the design phase. Some items that are being added are a lower section of counter for wheelchair users, additional storage for food and beverage, and display space locations. 32” aisles are throughout this car, with four turning locations for wheelchair users.

Wheelchair Turning Locations

Wheelchair lift Doorway

Wheelchair lift Doorway
Café Car

Café/Coach car will include passenger seating with an automatic sliding door separating the café area. Café style table and benches are available for passengers to eat.

Production Status

First coach cars are in progress on the Siemens production line.
Delivery schedule

- First Coach cars scheduled to arrive in Midwest 2nd Quarter of 2020 for testing
- Coach cars will be distributed on all consists and the older equipment will be switched out for new as they arrive
- At full production up to 4 cars a month will arrive
- Café cars are scheduled to arrive 3rd quarter 2021
- Full fleet scheduled to be in place by 1st quarter 2023