



MIPRC 2018 Annual Meeting
October 3-5
Milwaukee, Wisconsin

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

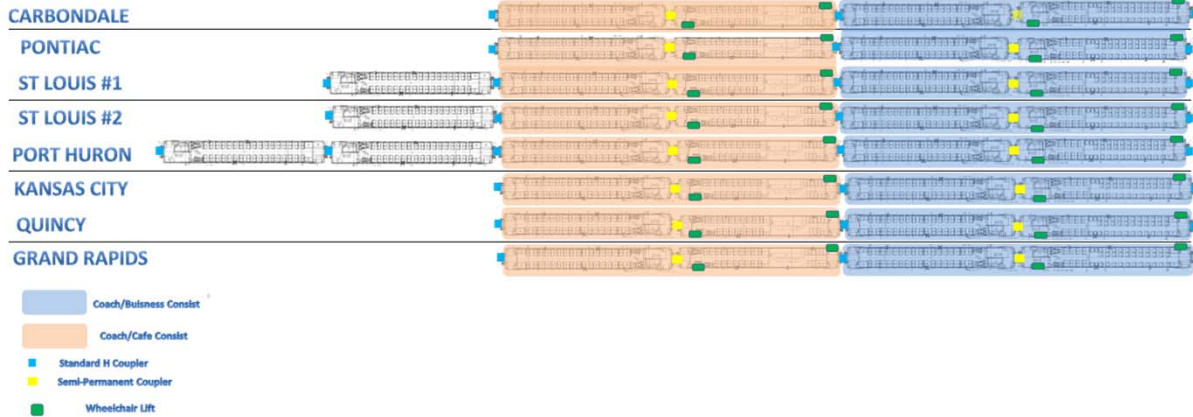
Single Level Passenger Railcar

- 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



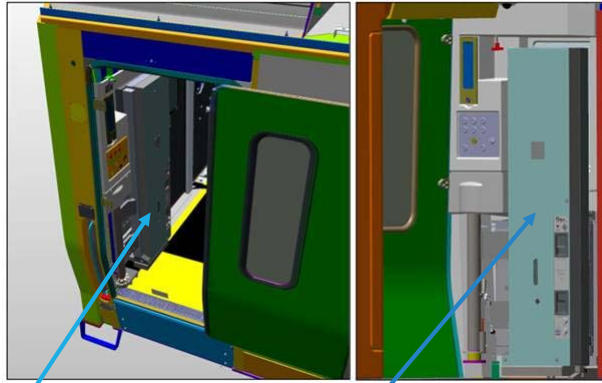
Car Interior



Washrooms are roomy, and meet all ADA requirements



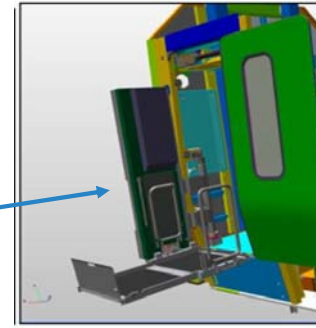
Wheelchair Lifts



Lift in stowed position inside doorway.

Stowed lift, from interior, side view.

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.

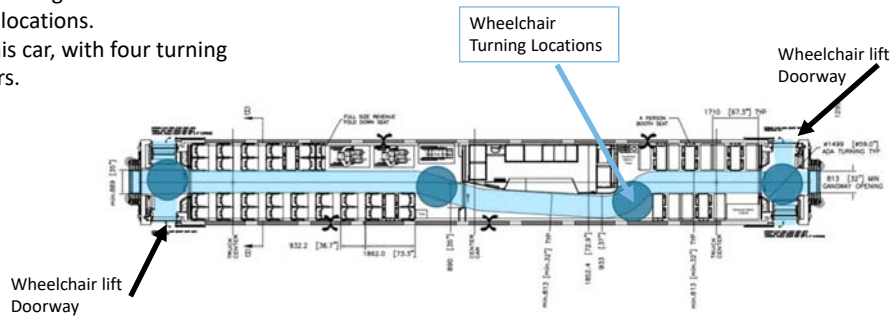


Lift being deployed



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.





Illinois Department
of Transportation

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.



Illinois Department
of Transportation

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