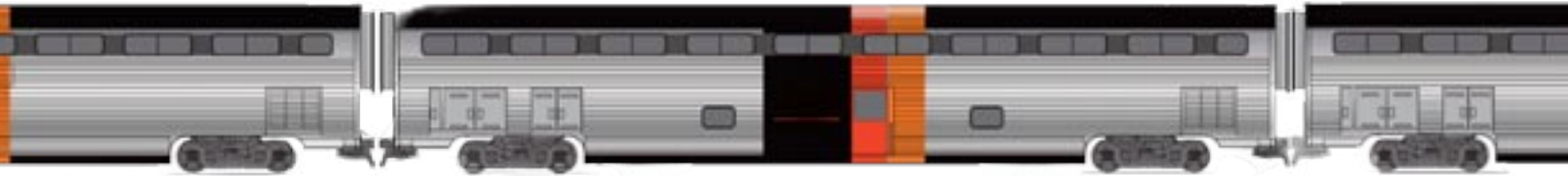


# 2023 BI-LEVEL DESIGN CATALOG



A VARIETY OF CUSTOMER CHOICES FOR  
PASSENGER COMFORT  
INTERIOR DESIGN COVERINGS  
REVENUE SEATING  
PASSENGER AMENITIES  
ADA COMPLIANCE  
PASSENGER AND CREW PANDEMIC-RELATED  
HEALTH-SAFE DESIGN CONCEPTS  
FOOD AND BEVERAGE SERVICE  
T&E CREW CONVENIENCE  
QUICK ENTRAINING AND DETRAINING  
EXTERIOR DESIGN FEATURES



**CORRIDOR RAIL DEVELOPMENT**  
Passenger Rail Development, Finance and Management

# ***BEGIN HERE***

## **THIS IS YOUR BLANK SLATE ...**

**CORRIDOR RAIL DEVELOPMENT PROVIDES YOU FULL INPUT ON HOW YOU WOULD LIKE YOUR PASSENGER TRAINS TO BE DESIGNED. DO WHAT'S BEST FOR YOUR PASSENGERS, YOUR OPERATING AND MAINTENANCE PERSONNEL AND YOUR BUDGET.**

**IT'S ALL UP TO YOUR MANY CHOICES.**



**CORRIDOR RAIL DEVELOPMENT**  
Passenger Rail Development, Finance and Management

**BI-LEVEL DESIGN CATALOG 2023**

# THE BI-LEVEL FLEET IS THE ONLY AVAILABLE UNIFORM FLEET OF INTERCITY 110-MPH CARS IN THE U.S.

Corridor Rail Development Corporation, working with its highly respected professional design and build partners Railway Products Group and Mid America Rail Car, offers a bi-level fleet of cars designed to provide



- Maximum fleet utility and flexibility
- Complete passenger comfort and modern amenities
- Advanced safety features
- Full Americans With Disabilities Act compliance
- Onboard services and train and engine crew efficiencies and conveniences
- Level boarding for quick entraining and detraining and adherence to published schedules
- Thoughtful ease of maintenance
- All features designed for highest return on investment leading to greatest possible farebox recovery and least necessary subsidy.



# BI-LEVEL COACH CAR SAMPLE



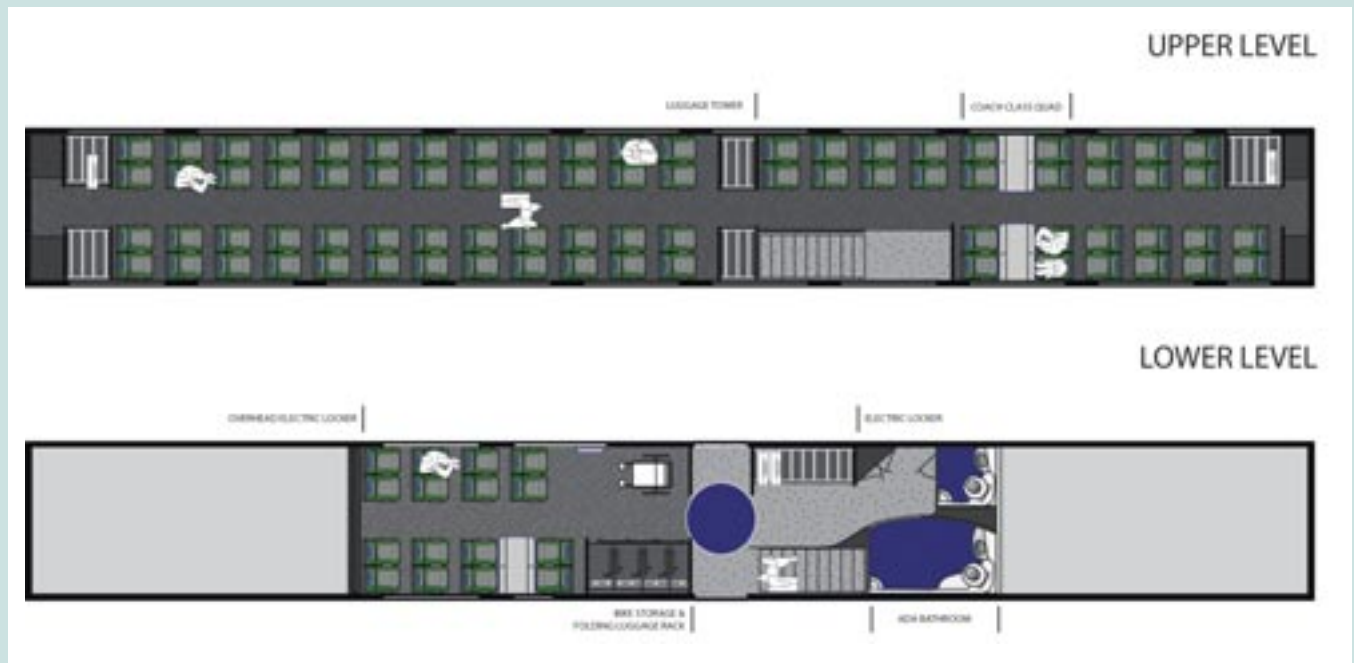
Customer chooses seat pitch and configuration.

Each coach can seat 96 to 108 passengers on two levels.

Meets all ADA requirements.

Customer chooses all interior and exterior finishes and amenities.

Designed for fast, safe entraining and detraining.



# BI-LEVEL BUSINESS CLASS CAR SAMPLE



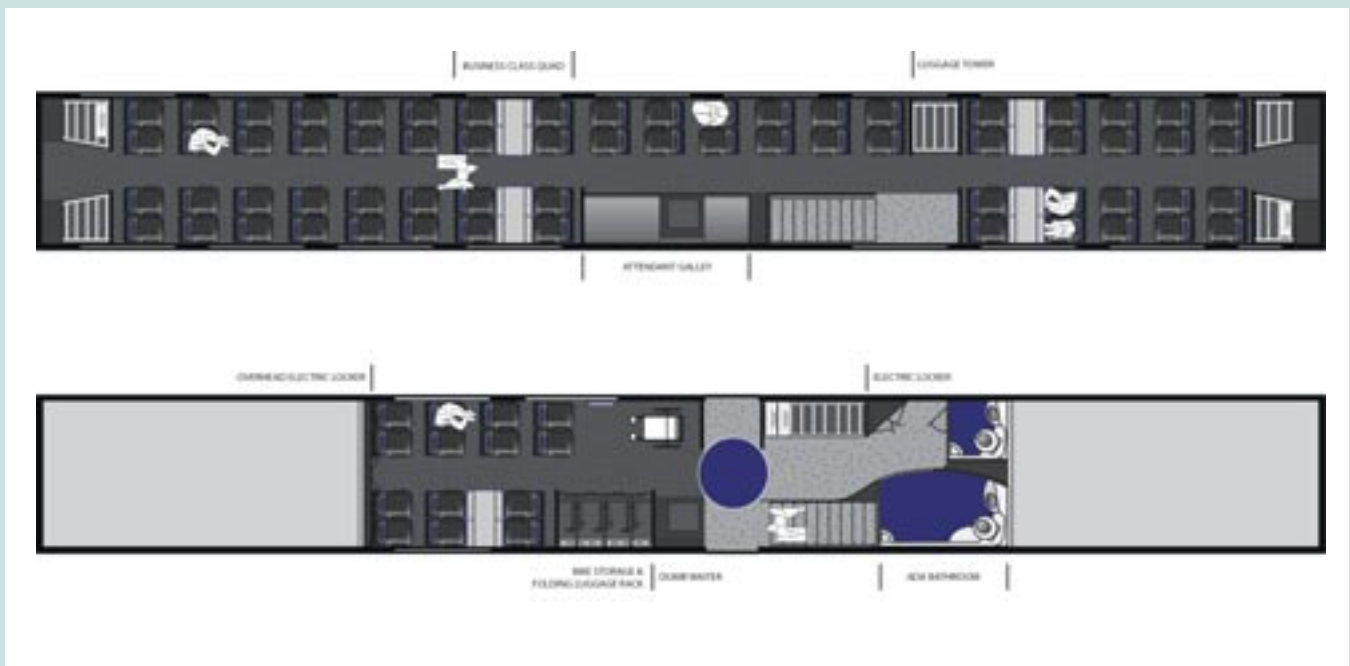
Customer chooses seat pitch and configuration.

Each business class car can seat 90+ passengers on two levels.

Meets all ADA requirements.

Customer chooses all interior and exterior finishes and amenities.

Designed for fast, safe entraining and detraining.



## BI-LEVEL BUSINESS CLASS, CAFE COMBINATION SAMPLE



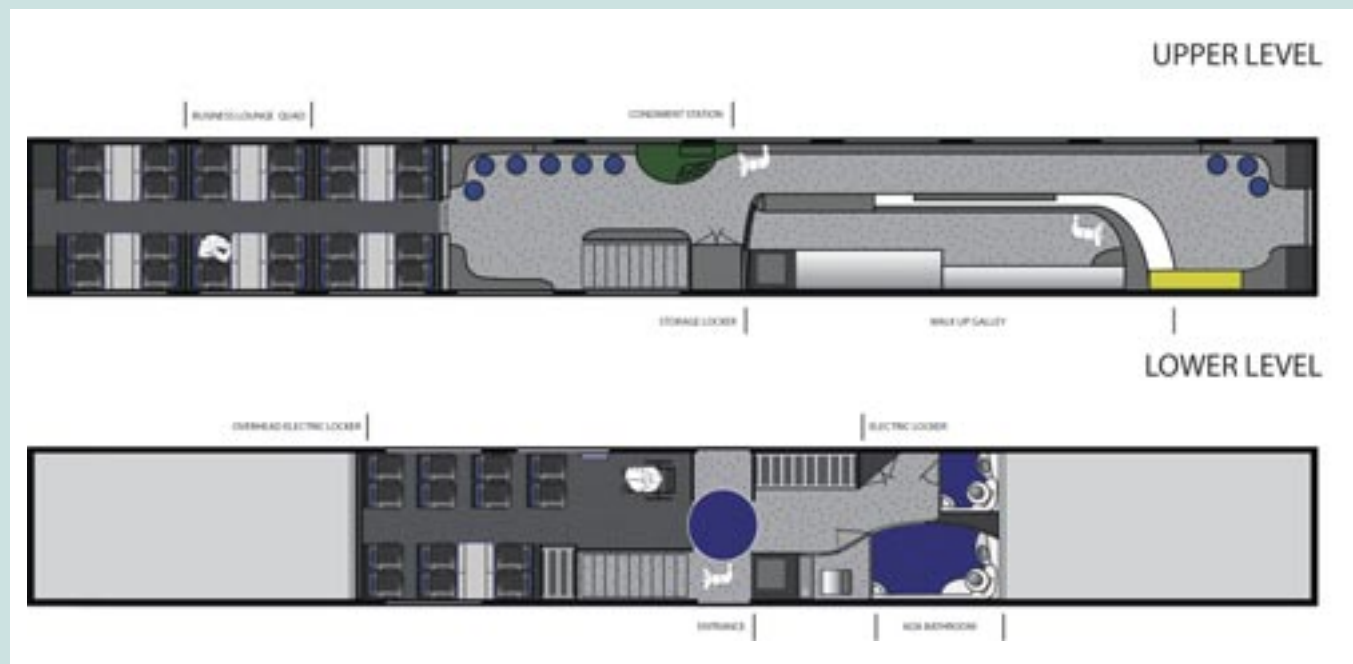
Customer chooses seat pitch and configuration.

Each business class/cafeteria car can seat 32+ passengers on two levels plus cafe area.

Meets all ADA requirements.

Customer chooses all interior and exterior finishes and amenities.

Designed for fast, safe entraining and detraining.



## FRA COMPLIANT

The Bi-Level fleet is in full compliance with rules and regulations as set forth by the Federal Railroad Administration.

No new compliance testing is necessary as long as no major structural changes are made to the cars when the rebuilding/refurbishing process occurs.

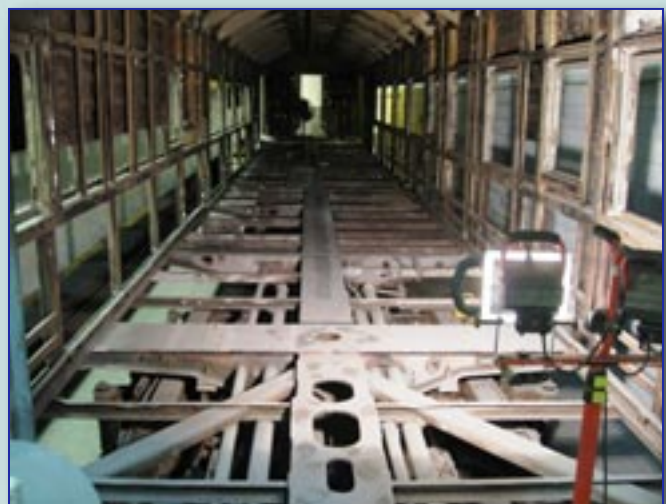
This considerably enhances the timeframe the cars can be available for revenue use.



### ***BEFORE AND AFTER***



***THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION'S PIEDMONT SERVICE PASSENGER CAR REBUILDING PROCESS IS AN INDUSTRY LEADER IN TAKING CARS TO AGE ZERO AND DECADES OF SERVICE LIFE TO COME. THESE PHOTOS, COURTESY OF NCDOT, SHOW THE EXTENT OF REFURBISHMENT, INCLUDING ALL NEW MECHANICAL SYSTEMS, NEW AIR HANDLING SYSTEMS AND COMPLETELY NEW PASSENGER FURNISHINGS AND AMENITIES, WITHOUT ANY NEW FRA COMPLIANCE TESTING NECESSARY.***



# PASSENGER COMFORT

Comfortable passengers are happy passengers.

Happy passengers are repeat passengers.

Repeat passengers are the most desirable passengers because there is no ongoing marketing cost to attract them.

*Investing in passenger comfort brings financial rewards, year after year.*

***TASTEFUL, YET RUGGED AND STURDY INTERIOR APPOINTMENTS  
PROVIDE A RELAXING ENVIRONMENT FOR PASSENGER TRAVEL.  
COMMUTER PASSENGERS SEEK INVITING SPACES TO EITHER PREPARE  
FOR THEIR DAY OR UNWIND ON THE TRIP HOME.***



***DEPENDING ON YOUR PASSENGER DEMOGRAPHICS  
AND DESIRED FUTURE PASSENGERS, INVITING  
LOUNGE SPACE FOR BUSINESS CLASS PASSENGERS OR  
ALL PASSENGERS CAN BE ATTRACTIVE REVENUE  
GENERATORS, HELPING TO DECREASE THE NEED FOR  
SUBSIDIES.***



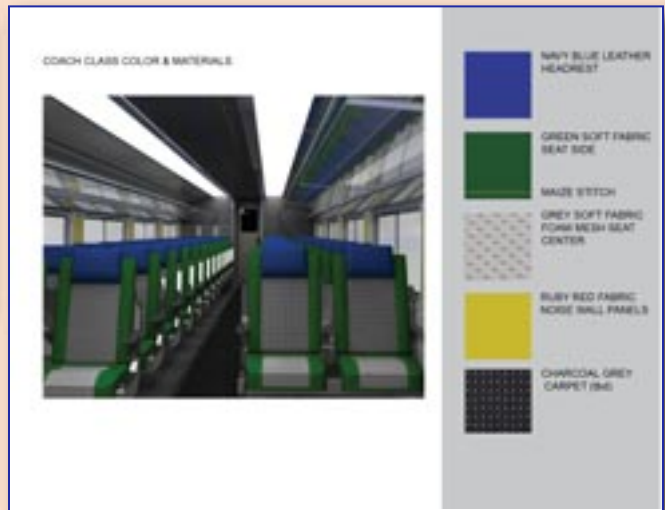


# INTERIOR DESIGN COVERINGS

Color choices set the tone.

Customers may choose from a variety of ready color schemes, or invent your own. A variety of interior wall and floor coverings are also available.

Whether choosing the right paint scheme or bold covering choices, the result will be finishes designed for durability and heavy use.



# REVENUE SEATING

Well chosen revenue passenger seating provides two benefits: comfort and convenience.

Newly designed passenger train business class and coach seating exceeds passenger expectations with advanced personal amenities.

Traditional seating is also available.

Of course, all are available in a choice of colors and finishings.

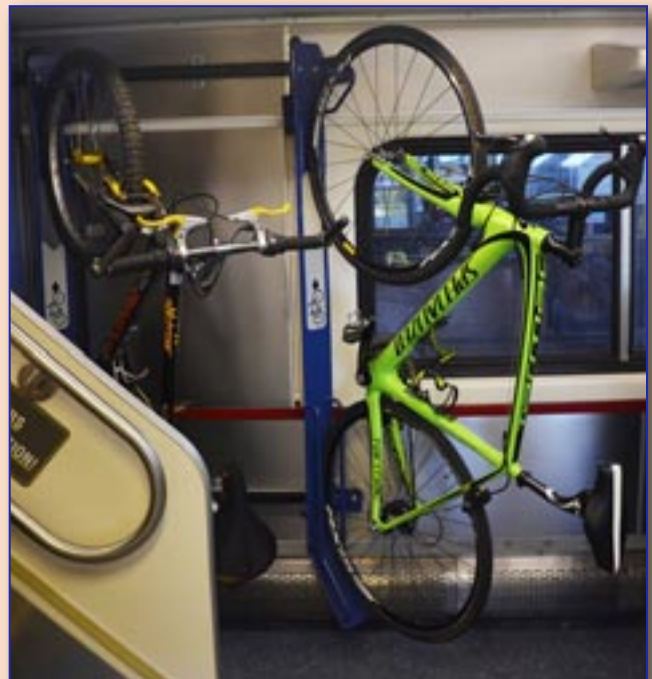


# PASSENGER AMENITIES

Video screens and digital information signage throughout the Bi-Level fleet keeps passengers informed; courtesy electric outlets at each seat and elsewhere keeps passengers' device batteries charged. WiFi is in every passenger car.

Bicycle racks are a standard feature.

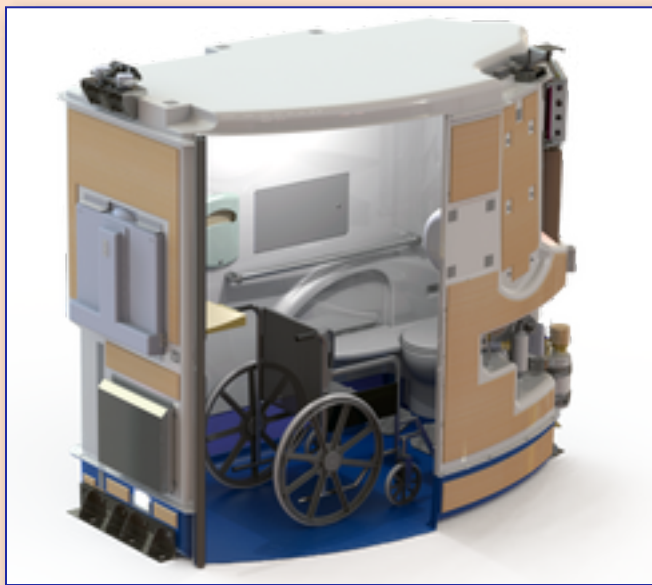
Innovative lounge seating creates a pleasant travel atmosphere; at-seat food service provides a special feature for those who wish to dine without leaving their seat.



# ADA COMPLIANCE

All cars in the Bi-Level fleet are fully compliant with the Americans With Disabilities Act. Each car has at least one wheelchair tie-down on the lower level. Restrooms are fully ADA compliant.

Easy-to-use wheelchair ramps are provided for each car, allowing train crews to safely entrain and detrain passengers requiring assistance.

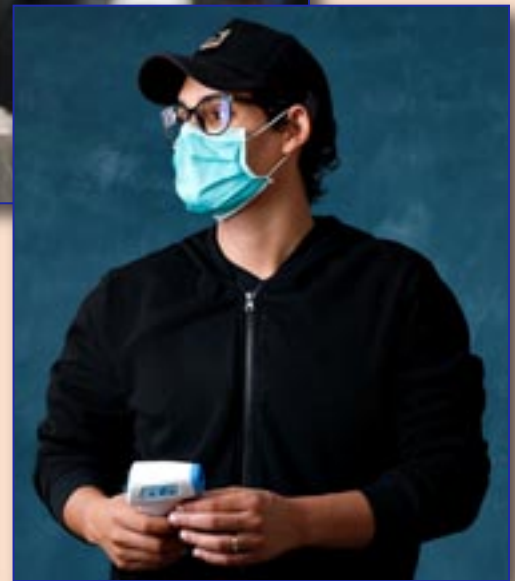


**CORRIDOR RAIL DEVELOPMENT**  
Passenger Rail Development, Finance and Management

# PASSENGER AND CREW PANDEMIC-RELATED HEALTH-SAFE DESIGN CONCEPTS

The COVID-19 pandemic has altered the way many people choose to work, move around and live their lives mostly likely for years to come. The old ways of designing spaces for travel are being changed and updated to create a safe atmosphere for both employees and passengers.

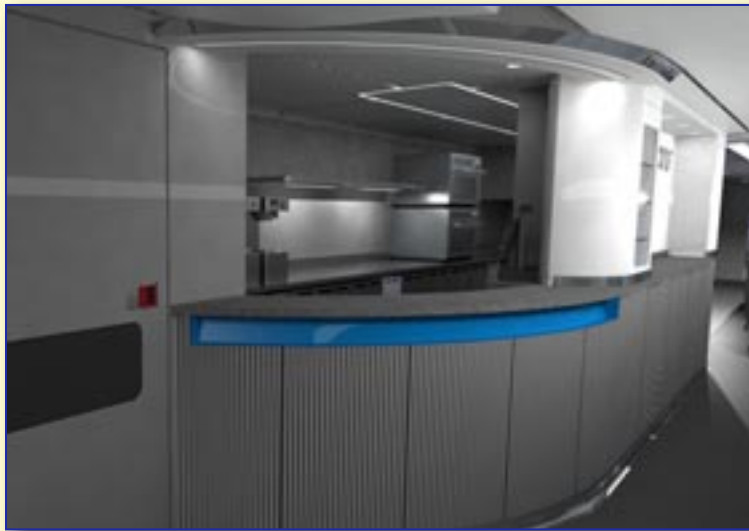
Corridor Rail Development Corporation offers equipment designs which meet the needs of crew and passengers while maintaining an understanding of efficiency and revenue-generating requirements.



## FOOD AND BEVERAGE SERVICE

Revenue generated by food and beverage service can be enhanced by offering attractive seating areas, an appealing display of food and beverage choices, and the ability of service personnel to serve passengers efficiently by having a well-organized and easily accessible work space.

A wide variety of seating, counter and service space designs are available, along with choice of overall decor.



## T&E CREW CONVENIENCE

The Bi-Level fleet has been designed for efficient operation by train and engine crews as well as onboard services employees.

Each car can be equipped with train-line pocket doors. All train consist doors can be opened/closed by a single operator at one vestibule location.

Low-level boarding removes the need for trapdoors and step-stools which allows for faster entraining and detraining.



# QUICK ENTRAINING AND DETRAINING

The Bi-Level fleet's well-proven design, with modern improvements, make them ideal passenger vehicles for quick passenger entraining and detraining, helping to maintain train schedules.

Automatic train-line doors, platform-level boarding, a straight interior staircase and thoughtful placement of luggage racks and other amenities allow passengers quick ease of movement inside the train.

Each train features reserved Business Class and First Coach Class, unreserved Campus Car, dining and lounge car, and bicycle racks

SMOKING IS PROHIBITED on all Michigan Amtrak Accelerated Rail trains

	Morning	Evening
<b>Blue Water</b>	<b>Blue Water</b>	<b>Blue Water</b>
<b>READ DOWN</b>	<b>364</b>	<b>366</b>
<b>Chicago, Illinois (CT)</b>	<b>6:30 A</b>	<b>1:00 P</b>
<b>Hammond-Whiting, Indiana</b>	<b>6:54 A</b>	<b>1:24 P</b>



Each train features reserved Business Class and First Coach Class, unreserved Campus Car, dining and lounge car, and bicycle racks

SMOKING IS PROHIBITED on all Michigan Amtrak Accelerated Rail trains

	Morning	Evening
<b>Blue Water</b>	<b>Blue Water</b>	<b>Blue Water</b>
<b>PERMITS</b>	<b>MICH</b>	<b>MICH</b>
Each train features reserved Business Class and First Coach Class, unreserved Campus Car, dining and lounge car, and bicycle racks		
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<b>Blue Water</b>	<b>Blue Water</b>	<b>Blue Water</b>
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<b>Hammond-Whiting, Indiana</b>	<b>6:54 A</b>	<b>1:24 P</b>



<b>Hammond-Whiting, Indiana</b>	<b>8:19 A</b>	<b>12:39 P</b>	<b>6:44 P</b>
<b>Michigan City, Indiana (CT)</b>	<b>9:00 A</b>	<b>1:20 P</b>	<b>7:25 P</b>
<b>New Buffalo, Mich. (ET)</b>	<b>10:11 A</b>	<b>2:31 P</b>	<b>8:36 P</b>
<b>St. Joseph-Benton Harbor, Mich.</b>	<b>10:42 A</b>	<b>3:02 P</b>	<b>9:07 P</b>
<b>Bangor, Mich.</b>	<b>11:21 A</b>	<b>3:41 P</b>	<b>9:46 P</b>
<b>Holland, Mich.</b>	<b>12:01 P</b>	<b>4:21 P</b>	<b>10:26 P</b>
<b>Grand Rapids, Mich. (ET)</b>	<b>12:48 P</b>	<b>5:08 P</b>	<b>11:13 P</b>



# EXTERIOR DESIGN FEATURES

How do you prefer your car exteriors?

Whether it's the original stainless steel design with a discreet letterboard or a colorful array of route/service colors, you choose the exterior presentation.

Choose as much or little color and decorations as you like, in any color combination you prefer.

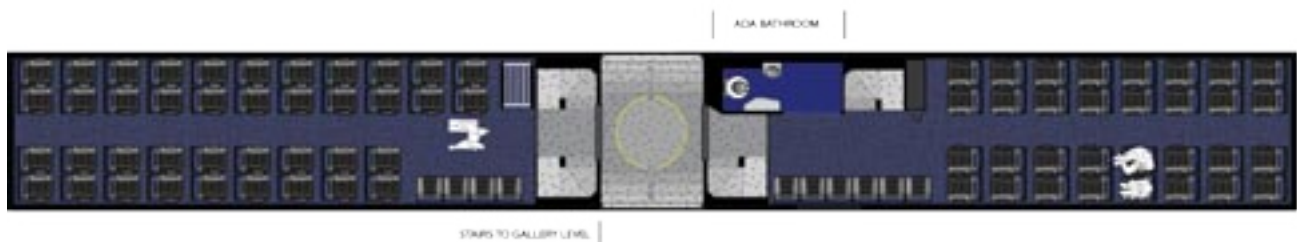


## CAMPUS CAR OPTION

Corridor Rail Development Corporation present the Campus Car; passenger cars designed for college students and short distance economy travel.

Campus Cars are fully equipped with WiFi and electrical outlets and individual seat lighting, but have a tighter seat pitch with 110+ revenue seats.

The interiors have more rugged and durable finishes. Fully ADA compliant and can be configured to meet pandemic-related concerns.



**THANKS FOR SAMPLING OUR  
BI-LEVEL DESIGN CATALOG.**

**THIS PROVIDES JUST A  
TASTE OF THE MANY  
CHOICES AVAILABLE FOR  
COMPLETE CUSTOMIZATION  
OF YOUR NEW FLEET.**



# 2023 BI-LEVEL DESIGN CATALOG



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