

Welcome Aboard

this Educational Tour via Burlington



Fun for all on a Burlington educational tour



Happy student group assembled in Chicago's Union Station—ready for an exciting day in the Windy City. See anyone you know?

**Burlington
Route**

Way of the Zephyrs and Vista-Domes

We are happy to have you with us on this Educational Trip. We hope you are having a wonderful time.

For some of you, this may be your first trip by train. We know you have found it a very nice way to travel. As you grow older, be sure to see as much of our country as you can. You will have fun—and learn a lot, too. And whenever you can ride the Burlington, we will be happy to serve you.

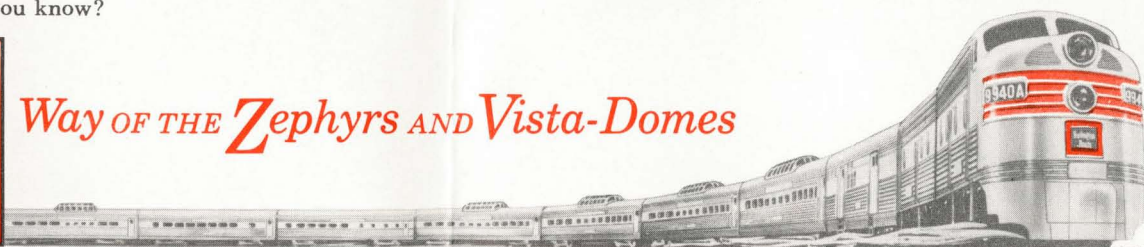
The Burlington is your neighbor. We want you to know us better. So this booklet gives you interesting pictures and some facts about the Burlington—the railroad with Young Ideas!

Sincerely,

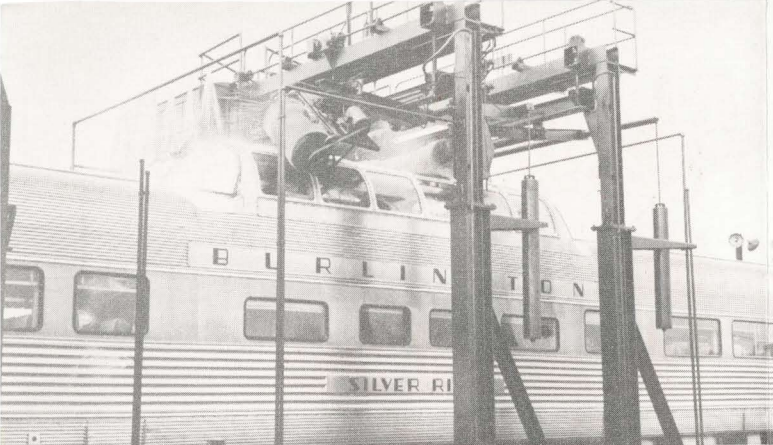
A stylized, handwritten signature in dark ink, likely belonging to J. J. Hill, the General Passenger Traffic Manager mentioned in the text.

General Passenger Traffic Manager
Chicago, Illinois

P.S. Naturally you will tell your family and friends about this trip. Show them this booklet—and tell them we'll be happy to serve them, too!



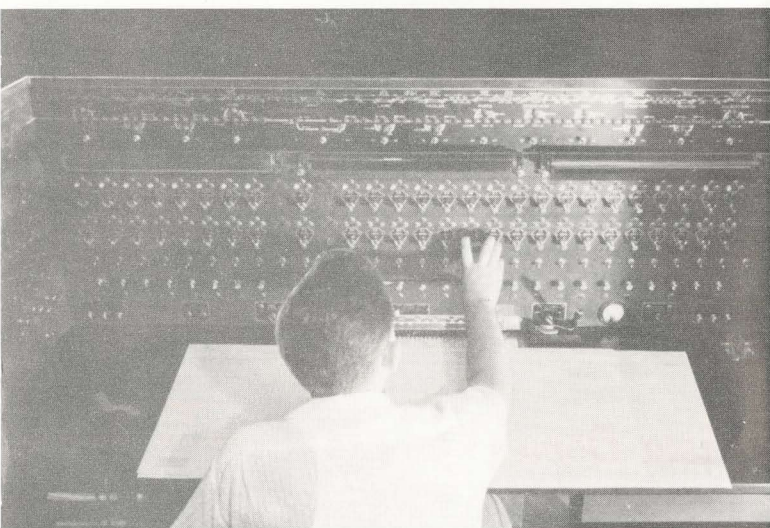
Young Ideas built



Automatic washing machine keeps stainless steel Zephyrs sparkling. Trains move through machine, which does the whole job quickly and easily.



Diesel locomotives need regular servicing—just like your family car. Here's a modern diesel shop, where expert mechanics do their important work.



Centralized Traffic Control is an electronic system of operating switches and signals over many miles of track. It speeds Burlington service for you.

- As you look through this booklet, you'll see many modern things. Diesel locomotives and stainless steel streamlined trains. Luxurious passenger cars and special-type freight cars. Buildings and equipment worth millions of dollars. They're all part of the Burlington ...the Railroad with *Young Ideas*.

- This all started on February 12, 1849, when a group of folks in Aurora, Illinois started to put a young idea to work. The idea was to build a railroad 12 miles long. From that young idea came the Burlington of today.

- The first track was made of wood—with narrow iron straps for trains to run on. The first engine was rented from another railroad. But the young ideas were there. So the Burlington grew to an 11,000-mile system, extending from the Great Lakes to the Rocky Mountains, and from Montana to Texas.



On the job to serve you are many mighty Burlington engines. And the roadway they travel is constantly maintained to help serve you better.

the BURLINGTON

- The Burlington's young ideas produced America's first diesel-powered streamlined train. The first Vista-Dome (based on an idea of C. R. Osborn, a vice-president of General Motors) was built by the Burlington. The first railway post office car, designed for sorting mail in transit, was a Burlington young idea. So were the first printing telegraph, the first searchlight signals, and many other Burlington "firsts."

- The Burlington is over 100 years old. But it is young in ideas, always keeping up with the times. Since the end of World War II, this railroad has invested many millions of dollars to do a better job for shippers and travelers.

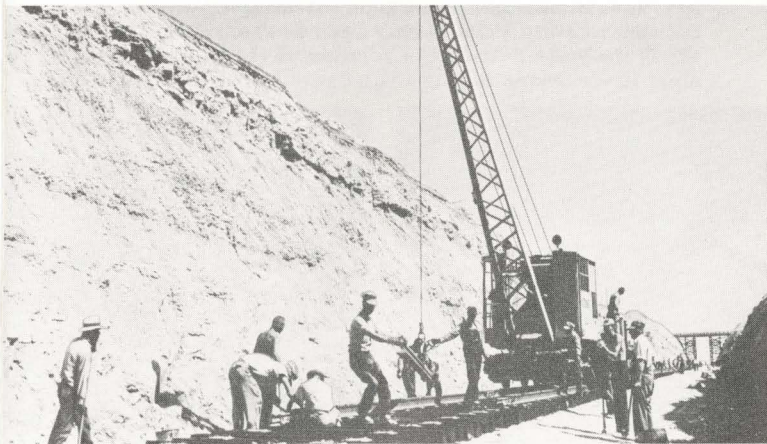
- You can count on *continuing* progress by your neighbor, the Burlington...the Railroad with *Young Ideas*.



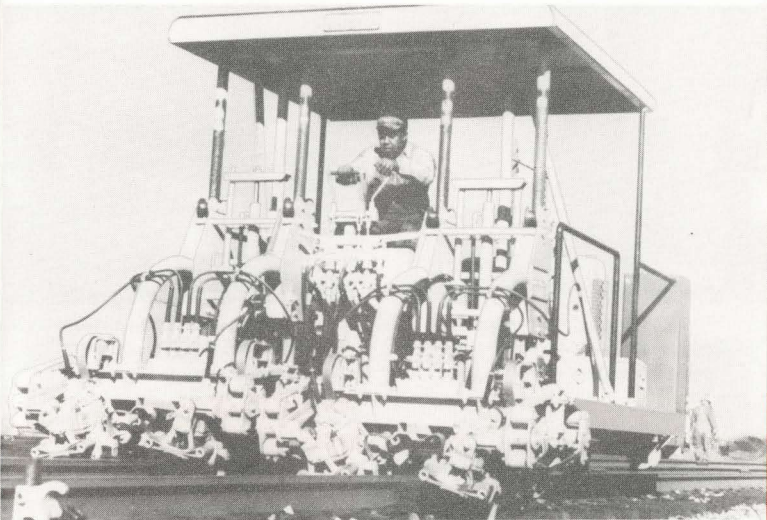
Ever see a two-story train? Stainless steel cars like these carry 20,000 suburban passengers to and from Chicago every working day.



Two new Zephyrs are christened by the Queen of Kansas City's "American Royal." Burlington is one of the leaders in modern streamlined train service.

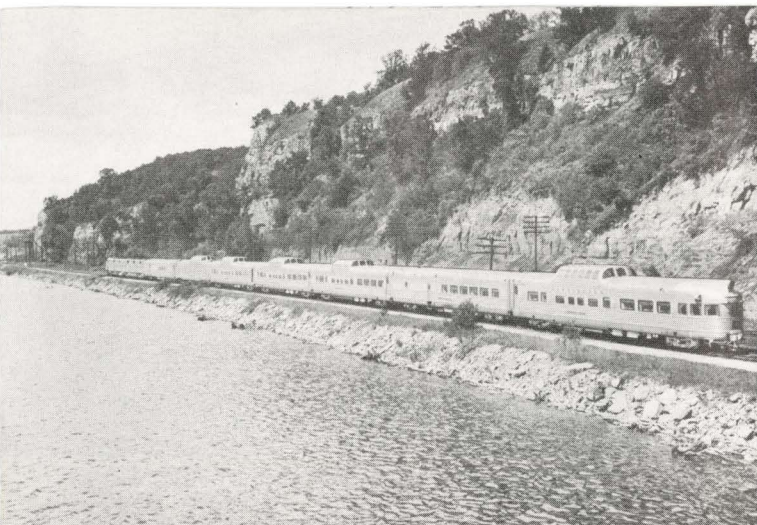


Shorter, straighter, faster...that's why Burlington invested millions of dollars in this new line. This railroad is constantly being improved.



Mechanized maintenance means using machines like this to keep the railroad in good shape. This is how we give you such a smooth, swift ride.

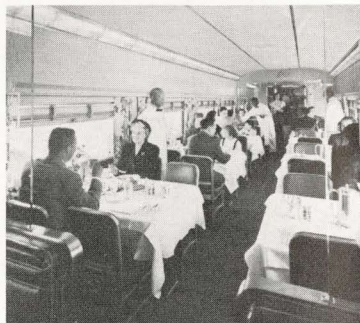
Young Ideas **crea**



Streamlined Burlington Zephyrs (many of which have exciting roof-top Vista-Domes) add fun to travel. This is one of the Vista-Dome *Twin Zephyrs*, on the Upper Mississippi River Scenic Line.



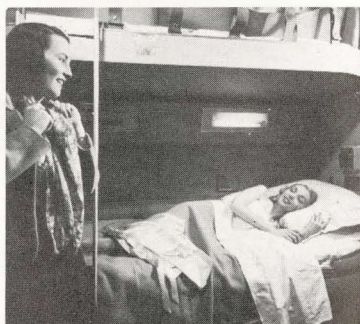
De luxe coaches provide comfortable travel for less than it costs to drive.



Burlington dining cars make every meal a pleasure...on the *Zephyrs*.



By day, this bedroom suite is an ideal place to visit as miles speed by.



By night, your room offers privacy, complete comfort, sweet dreams.

- You'll never know how much fun it is to ride a Burlington *Zephyr*...until you try it.

- When you take your *Zephyr* trip perhaps you'll choose a thrifty chair coach. You'll have a big, deep-cushioned seat...that leans way back when you push a button. Your *Zephyr* coach is bright, fresh and clean—the last word in comfort and enjoyment.

- If you're traveling overnight, you may choose a roomette or Pullman berth—or a bedroom or compartment, if you want more room. If you do choose a private room, you'll have the added convenience of your own toilet and wash basin, too.

- You have room to roam on the train... from the exciting roof-top Vista-Domes on many *Zephyrs* to the inviting dining car. Between meals, you can enjoy a coke or a snack in the buffet car.

- Aboard the *Zephyrs* and other fine trains, you can visit Chicago, gateway to the exciting East! Denver and Colorful Colorado! Yellowstone and Glacier National Park! San Francisco! St. Paul, Minneapolis, Omaha, Lincoln, Kansas City, St. Louis, St. Joseph, and other thriving cities of our wonderful Middle West!

- A few years ago, there were no trains like this. Then the Burlington came out with a young idea: the *Pioneer Zephyr*. Train travel became *fun*—and the *Pioneer Zephyr* started a new kind of railroading. Now the Burlington operates many *Zephyrs* and other fine streamlined trains, such as:



AMERICA'S FIRST DIESEL-POWERED STREAMLINED TRAIN

was the *Pioneer Zephyr*, introduced in 1934. Since then railroads from coast to coast have followed the Burlington's lead.

ted ZEPHYR service

Chicago - Omaha - Lincoln
Nebraska Zephyr

Vista-Dome Ak-Sar-Ben Zephyr
Coloradoan

Vista-Dome California Zephyr
Denver Zephyr

Chicago - Denver

Denver Zephyr
Vista-Dome California Zephyr
Coloradoan

Chicago - Salt Lake City - San Francisco

Vista-Dome California Zephyr

Chicago - St. Paul - Minneapolis

Vista-Dome Morning Twin Zephyr
Vista-Dome Afternoon Twin Zephyr
Black Hawk

Vista-Dome North Coast Limited
Empire Builder with Great Domes

Chicago - Twin Cities - Pacific Northwest

Vista-Dome North Coast Limited
Empire Builder with Great Domes
Mainstreet • Western Star

Chicago - Kansas City - St. Joseph

Vista-Dome Kansas City Zephyr
Vista-Dome American Royal Zephyr

Kansas City - Omaha - Lincoln

Silver Streak Zephyr

St. Louis - St. Paul - Minneapolis

Zephyr Rocket

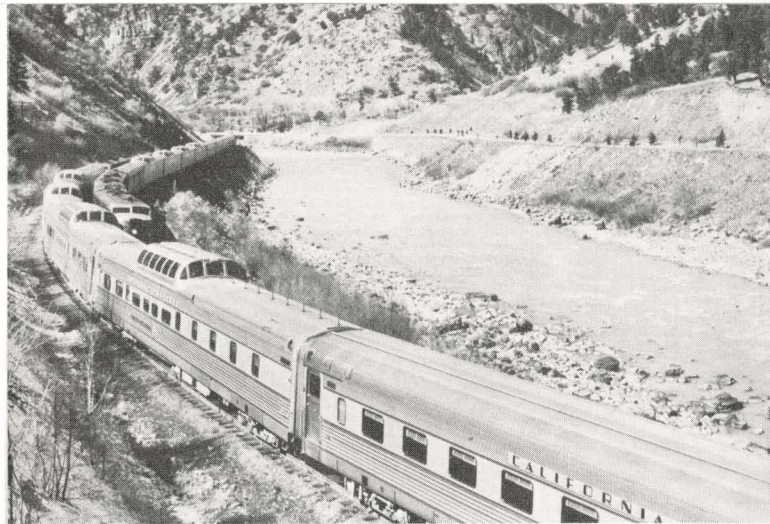
Denver - Fort Worth - Dallas

Texas Zephyr

Fort Worth - Dallas - Houston

Sam Houston Zephyr • Twin Star Rocket

• Next time you or your family take a trip, remember: Ride the Burlington, Way of the Zephyrs and Vista-Domes!



The scenic way across America! That's the route of the Vista-Dome California Zephyrs, which travel through the colorful Colorado Rockies and California's Feather River Canyon between Chicago and San Francisco.



Vista-Domes let you look up, down, all around. And you pay nothing extra!



Sips and snacks are fun for all... in the buffet cars of Burlington trains.



Roomettes are one-person private rooms, with a big chair, bed, private toilet.



Parlor cars give you extra comfort and room... cost little more than coaches.



Today

- THE LARGEST FLEET OF VISTA-DOME CARS

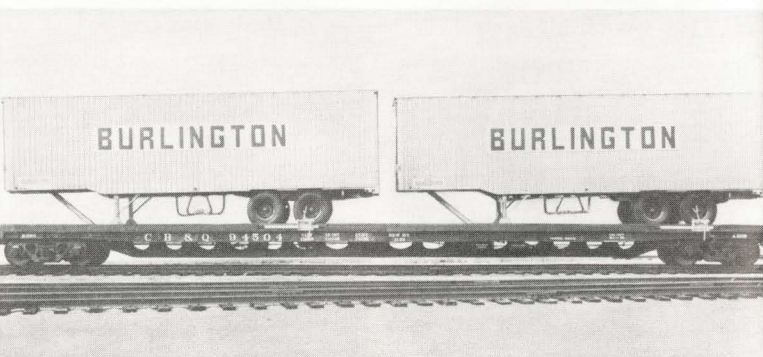
is operated by the Burlington. It's a wonderful way to see the country. And remember—Burlington built and operated the first Vista-Dome!



Electrically-controlled retarder yards help the Burlington assemble trains for efficient movement. These yards are at Galesburg, Ill. (above) and Lincoln, Neb.



This big Burlington freight house is used to sort out freight shipments, loading some in freight cars and some in trucks. It cost a lot of money, but it helps the Burlington do a better job.



Trailer-on-flatcar is a modern idea. Trailers are loaded on railroad cars for swift, economical movement between cities. Then tractors deliver them to the receiver's door.

Young Ideas

expedite Freight Shipments

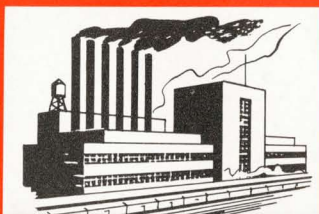
- The Burlington serves you, and your neighbors, in several very important ways. One of the most important is by moving freight. Many of the things you wear and eat and use are shipped to your town in Burlington freight trains. And the products of farms and factories move to market from your community on these same freight trains.

- That is why the Burlington's modern freight handling is so important to you and your neighbors. Young ideas have played a vital part in this service. Powerful diesel engines. High-speed freight trains. Modern cars of many types. Modern classification yards. Efficient signals and traffic controls. Radio communications. These are just a few of the young ideas which help the operation of such high-speed freight trains as the *CD*, between Chicago and Denver...the *Galloping Ghost* (No. 77—named after Red Grange, the famous football player) between Chicago and Kansas City...and many others.

- Yes, in moving freight with speed and efficiency, young ideas help the Burlington serve you and your neighbors.

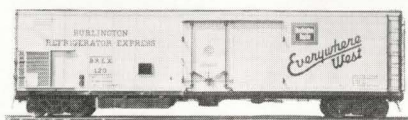
WORKING WITH INDUSTRY

The Burlington assists industry in many ways besides providing efficient transportation. This railroad helps companies choose factory locations, develop raw material sources, and market finished products.





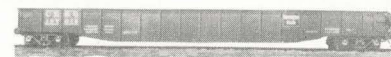
A mile long, and carrying hundreds of thousands of dollars worth of merchandise, this Burlington freight train is doing a big job. Trains like this carry most of the things we use in daily living.



Refrigerator car. A heavily insulated car providing protection against heat and cold in handling perishable foodstuffs.



Covered hopper car protects its load from the weather—sand, cement, coke, feed, and 150 other commodities.



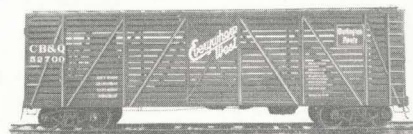
Gondola is an open-top car, principally used to haul steel, scrap iron, iron ore and similar loads.



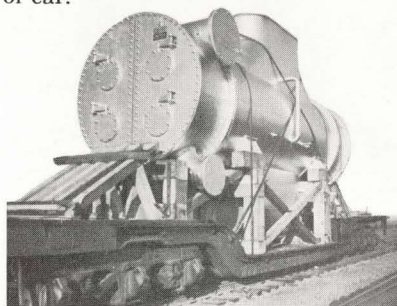
Open-top hopper car carries such items as coal, sand, and gravel. Unloading is through doors in bottom of car.



Airslide car for handling bulk flour, sugar, etc. Unloading is by gravity assisted by air pressure.



Stock cars are of two types: single-deck for cattle, double-deck for hogs and sheep. Burlington is the nation's largest livestock carrier.



Heavy-duty flat car handles extra heavy loads—up to 250,000 pounds. Notice heavy steel beams and strong trucks.



Box car is the most-used type of freight car. Some box cars are equipped to handle special loads.



Flat car is used to move agricultural equipment, machinery, lumber, etc. Fast, easy loading and unloading make these cars very useful.

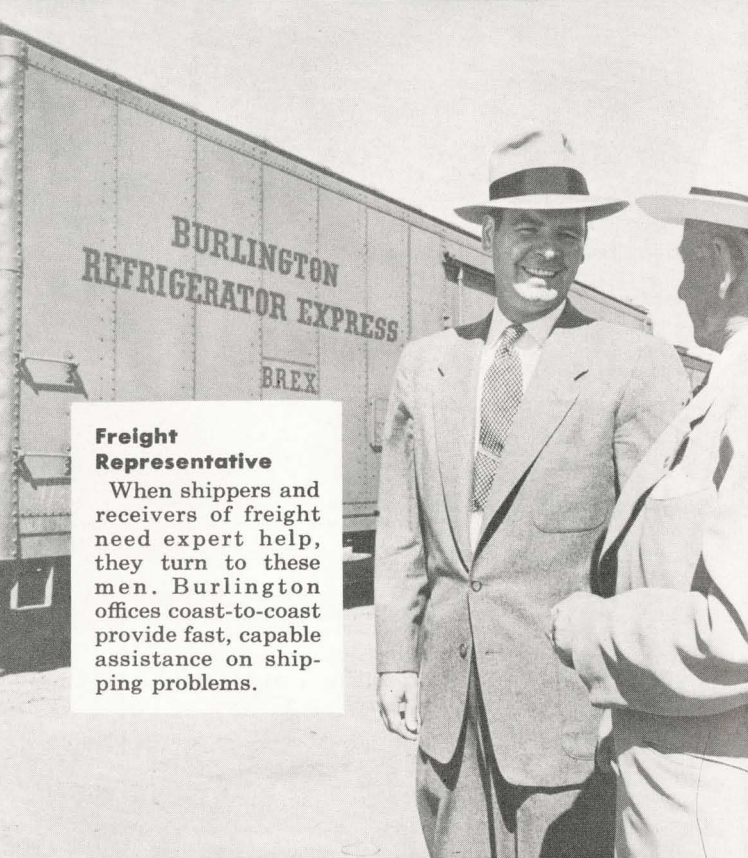


Caboose is the "office" of the freight train, with cooking and sleeping facilities. Two-way radio enables conductor to talk with engineer and dispatchers.

WORKING WITH AGRICULTURE

This railroad is proud of its traditions as a "granger railroad." It works with farmers and ranchers to improve stock and crops...to conserve and improve soil...to improve transportation of farm products.





Freight Representative

When shippers and receivers of freight need expert help, they turn to these men. Burlington offices coast-to-coast provide fast, capable assistance on shipping problems.

Men on the Railroad

Thirty thousand men and women are on the Burlington team...working at a vast variety of jobs.



Engineer

With thousands of "horses" at his command, a Burlington freight or passenger engineer has a responsible and exciting job.



Dining Car Steward

He's the host on a Zephyr dining car—the man who makes sure you enjoy those wonderful meals on America's most enjoyable trains.



Agricultural Agent

Burlington's "Better Seeds and Sires" program has helped build prosperity for farms and ranches. This man helps Burlington's neighbors do their jobs better.

at Work

with Young Ideas!

Here are a few of them.
Some day, perhaps, you
will proudly say,
"I am a Burlington Man!"

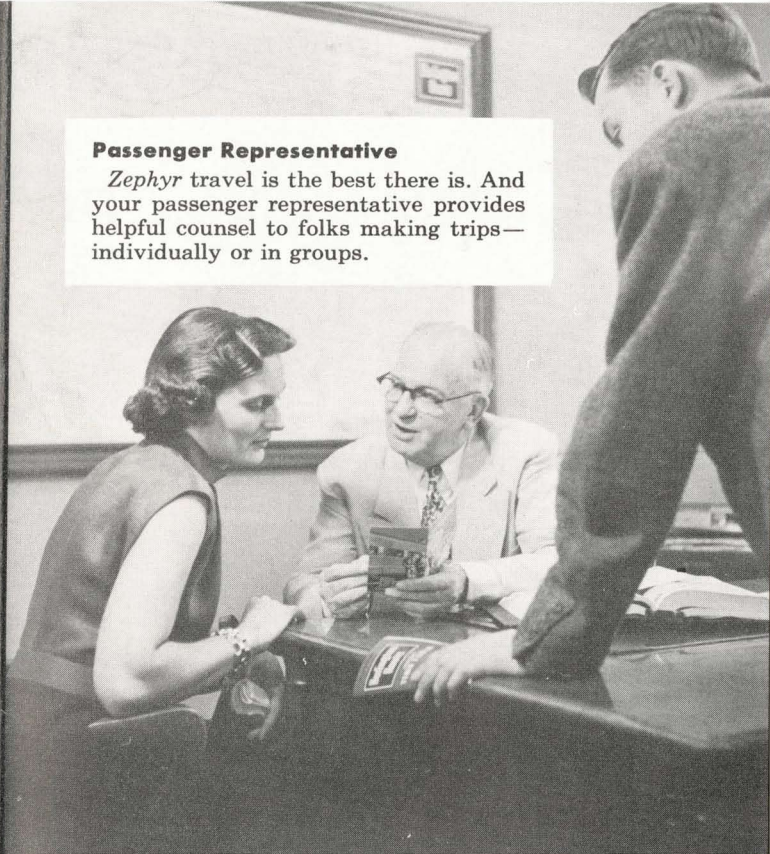


Zephyr Conductor

He's "captain" of a Zephyr. He and his crew are glad to welcome you and make your trip enjoyable.

Passenger Representative

Zephyr travel is the best there is. And your passenger representative provides helpful counsel to folks making trips—individually or in groups.



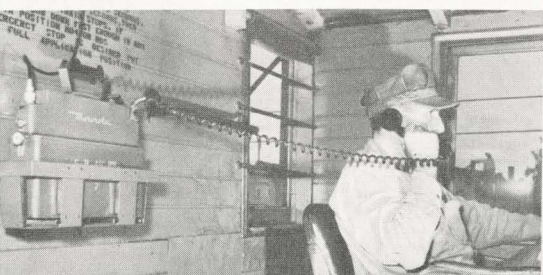
Yardmaster

Assembling long freight trains to save needless delay is a big job—one he does efficiently, to maintain Burlington's fine freight service.



Livestock Agent

Steaks on the hoof are his "passengers"—and he makes sure that cattle, hogs and sheep are transported properly. Burlington is America's No. 1 livestock railroad.



Here's a "young idea" at work on the Burlington. Radio communication speeds up freight train operation. Here you see radio being used by the engineer (*above*), a brakeman alongside the train, and the conductor in the caboose (*below*). By using short-wave radio, they work together without loss of time or effort.

What the Whistles Say:

The locomotive horn or whistle is more than a warning. It is used to give exact signals. When you hear these combinations, you'll know what the engineer is saying.

● means a short toot

— means a long toot

— —

Train is ready to start

● ● ● ●

Flagman protect rear of train from following train

— — — — —

Flagman return to train from West or South

— — — — —

Flagman return to train from East or North

● ● ● ●

If standing, train is about to back up
If moving, will stop at next station

— — — — —

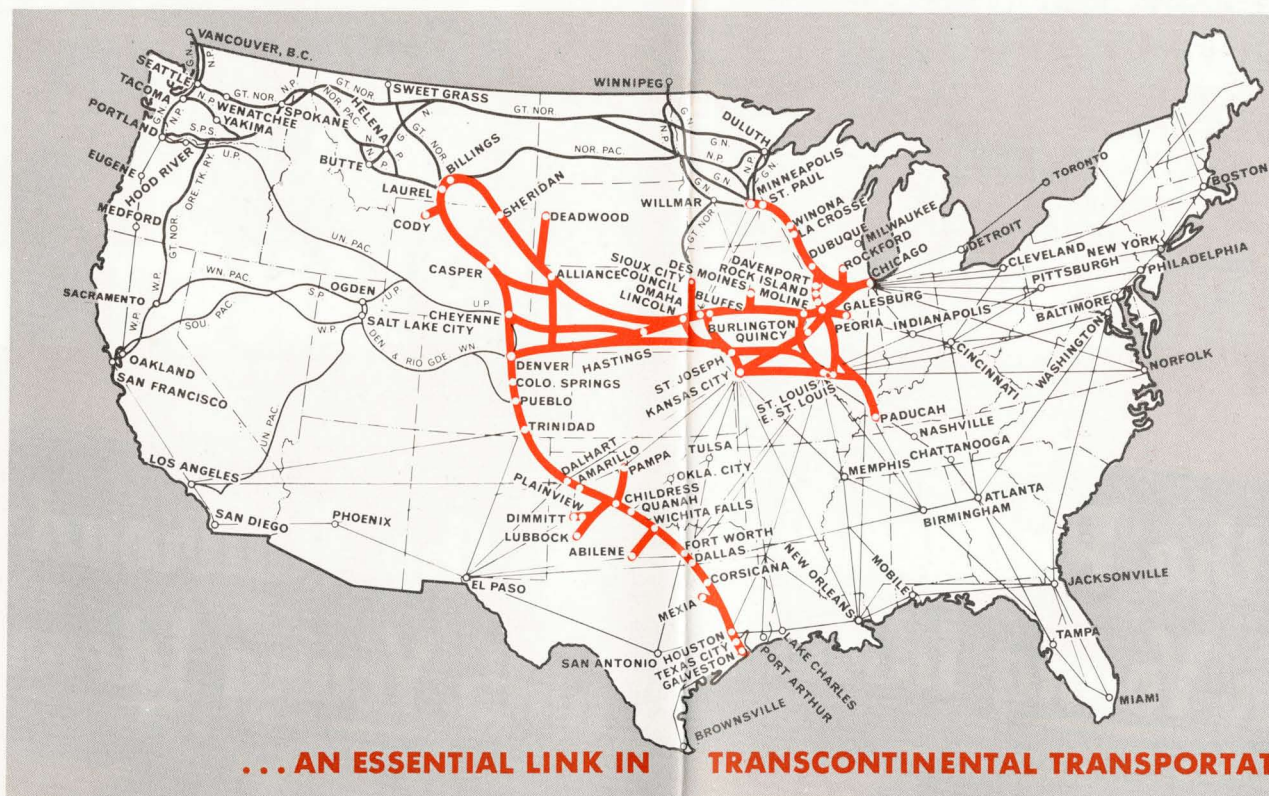
Warning signal when train approaches highway crossing or where engineer's view is obscured

● ● ● ● ● ● ● ●

Warning signal for anyone on track or too close to it

Autographs

BURLINGTON LINES



... AN ESSENTIAL LINK IN TRANSCONTINENTAL TRANSPORTATION

- This is a map of the United States. The **red** lines are the BURLINGTON SYSTEM. The black lines indicate connecting railroads.

- This map shows you how the Burlington is so important in meeting the transportation needs of our country. This railroad serves a great area of farms, ranches and industrial cities in 14 great states. It extends from the Great Lakes to the Rocky Mountains, and from Montana on the North to the Gulf of Mexico on the South.

- Another important thing: The Burlington lies in the center of our country. It has connections with many other railroads, east, west,

north, and south. It is a direct route for passengers and freight moving across this great nation.

- The Burlington is a good neighbor in every village, town, city and state it serves. This railroad pays taxes which help support schools. The wages its employees earn help build homes, schools, churches. And most important of all: This railroad provides passenger and freight transportation which has helped build a stronger, happier America.

- As you grow up, remember...you can count on the Burlington for continuing progress ...for this is *the Railroad with Young Ideas*.

BURLINGTON LINES

Chicago, Burlington & Quincy Railroad
Colorado and Southern Railway
Fort Worth and Denver Railway

Way of
THE Zephyrs
AND
Vista-Domes

Burlington
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Your Trip ON THE BURLINGTON

...the Railroad
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