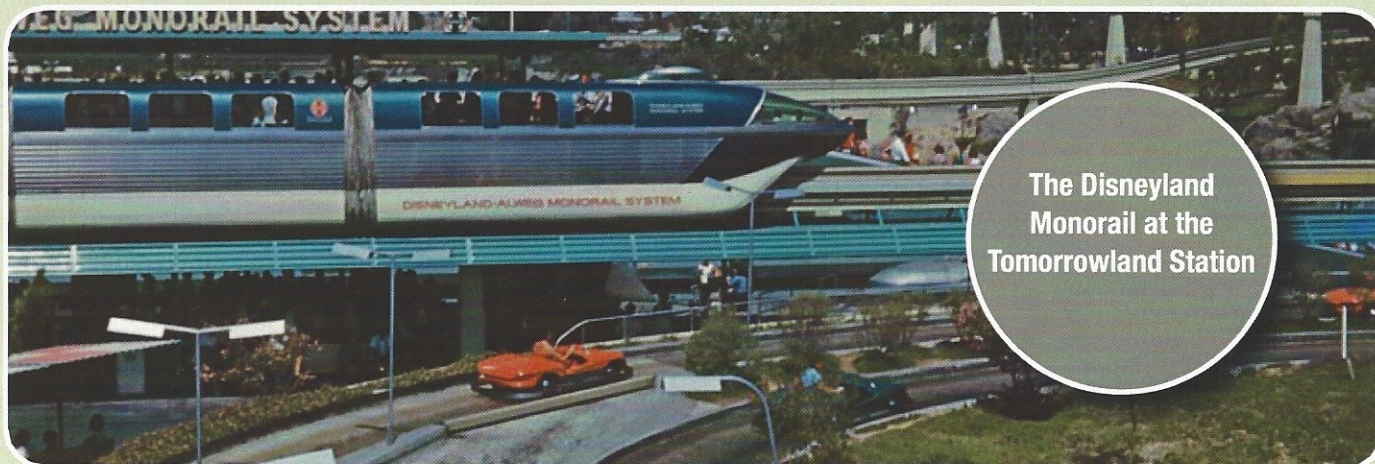


## History of the Disneyland

# MONORAIL



The Disneyland Monorail at the Tomorrowland Station

## A BRIEF LOOK AT THE HISTORY OF THE DISNEYLAND® MONORAIL

Silent-running Monorail trains at Disneyland® provide a preview of future transportation for America's cities playing a vital role in linking the Park with the Downtown Disney District, thus giving Guests a sweeping view of the Park from its entrance, and a glimpse of the many Attractions in the Tomorrowland and Fantasyland areas.

The Disneyland-Alweg Monorail System, the forerunner to the present Disneyland® Monorail System, was unveiled at Disneyland® on June 14, 1959, by Walt Disney and Vice President Richard M. Nixon and his family at a ribbon cutting ceremony which was viewed by a national television audience. Since that time, monorail trains have carried most of the heads of state who have visited Disneyland®, as well as millions of other Disneyland® Guests from nearly every nation of the world!

The original monorail system at Disneyland®, which opened in 1959, included two trains, one blue and one red, and covered .8

miles of track. In June of 1962 the Disneyland® Monorail System was extended to the Disneyland Hotel, making it the first monorail in America to run adjacent to a major highway (Harbor Boulevard) and to cross a city street (West Street, currently renamed to Disneyland Drive).

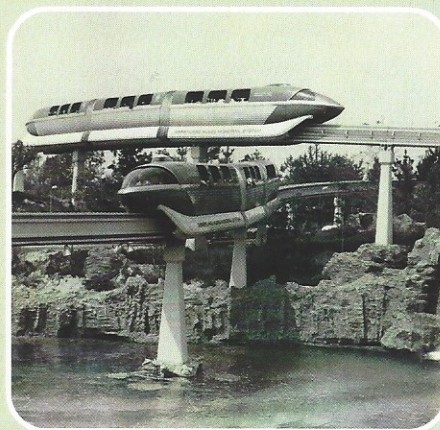
With the addition of the Disneyland Hotel to the Monorail route, the track was extended to a total length of 12,300 feet or nearly 2 1/2 miles.

To whisk Disneyland Hotel Guests to the Park, new trains were designed to accommodate more Guests (2,100 hourly). Three trains were made. The new Mark II trains had four cars and a capacity of 108 passengers utilizing four 55 horsepower motors with a trip time of 6 minutes and 45 seconds from the Hotel to the Tomorrowland Station. And a cycle time of 9 minutes and 20 seconds. Trips per hour, approximately 19.5!

As demand for additional capacity grew, so did the Monorail System. In 1969, four new

Mark III, (five car monorails) were unveiled.

The carrying capacity was 124 Guests with four 100 horsepower motors, costing approximately \$2.3 million dollars.



### Monorails

Two original Mark I Monorails traverse the .8 mile Tomorrowland track. Circa 1961



This demonstrated Walt Disney's dedication to stay at the forefront of technology.

The ideas for monorail transportation became a reality in 1825. When on June 25th of that year the Cheshunt Railway opened. Originally, it was built to carry bricks. On its opening day it made monorail history by carrying passengers as well. It was horse-powered. A horse walking on the ground was connected via rope and harness to the carriages sitting on the beam! Since that time monorail transportation has been improved and added upon to meet the daily needs of the world's commuters. The oldest monorail line can be found in Wuppertal, Germany. Opening in 1901, it has survived two world wars and can carry 65,000 present-day passengers to 18 stations along its 8.26 miles of track. The longest operating monorail track can be found in Florida at Walt Disney World Resort. Twelve Mark VI monorails with a capacity of 365 Guests pre train, traverse approximately 14.66 miles of track. Currently there are approximately 36 operating monorail systems world-wide with many more scheduled to open in the next few years.

The Disneyland® system was based on an experimental monorail developed in 1952 by Dr. Axel Lennart Wenner-Gren of Cologne, Germany. When Walt Disney and Vice President Nixon and his family cut the ribbon on the sparkling new \$1.3 million transportation system seven years later the Mark I trains were christened the "Disneyland-Alweg Monorail".

In 1971 the Mark IV monorail system was introduced to the public at Walt Disney World near Orlando Florida. The initial fleet of 10 Mark IV's was expanded to 12. The Mark IV trains were replaced by the Mark VI model, two of the

old Mark IV trains operated in Las Vegas until the city introduced their new monorail system on July 15, 2004.

With the arrival of 1984, the engineer's at Walt Disney Imagineering (WDI) began work with Messerschmitt, Bolkow and Blohm of Munich, Germany, on designs for the Mark V. The next generation of monorail trains to replace Disneyland's® Mark III monorails. On April 12, 1988 the last trip of "Old Red", Mark III took place as the new Mark V trains were brought on line. The Mark V trains use the chassis of the old Mark III trains and cost approximately \$6 million dollars. The familiar "driver bubble" was gone in favor of a more sleek profile. With a molded, lightweight fiberglass body and onboard computer control. In 1997 the Mark V trains were upgraded to operate backwards at full speed (35 mph) as necessitated by the construction of Disney's California Adventure in the old Disneyland® parking lot. Yet again demonstrating the diversity of monorail design.

With the opening of the Downtown Disney District in 2001 the old Hotel Station was demolished and re-opened as the new Downtown Disney Monorail Station. This new station opened up the new Resort area to Guests visiting the Park who wished to visit the high energy shopping, dining, and entertainment district. Also opening on February 8, 2001 was Disney's California Adventure. The monorails now traversed from Tomorrowland through the



**Monorail at Hotel Station (circa 1984)**

Hollywood Pictures Backlot, over the Golden Gate Bridge, and through Disney's Grand Californian Hotel on their way to the Downtown Disney Station.

Again in late 2006 the monorails were upgraded to travel in reverse service as necessitated by the construction of the Finding Nemo Submarine Voyage.

Today the Monorail continues to offer the "Transportation of the Future" to thousands of visiting Disneyland® Resort Guests. As the Mark V Monorail ends its life span on the beam new Mark VII Monorails will be debuting in late 2007.

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## DISNEYLAND MONORAIL

1313 South Harbor Blvd.  
Anaheim, CA



# MONORAIL

## Disneyland

Dear \_\_\_\_\_,

Today we welcome you to our Monorail team. Walt had a famous quote, "You can design and create, and build the most wonderful place in the world. But it takes people to make the dream a reality." Our Team of Monorail Pilots and Leads strive to maintain Walt's world of imagination and his passion for the future.

The Monorail is unique in that Walt's love for trains along with his futuristic vision, developed the Disneyland Monorail for transportation to and from the Disneyland Hotel, encompassing 2 ½ miles of scenic views. Our Monorail came to fruition in 1959 and was the first daily operating monorail service in the western hemisphere. Reflecting on the past, we still provide our Guests with the "Transportation of the Future", today.

Our Monorail Training Team is our anchor. They are the key to insuring our success. They will provide your first stepping stone for your future here. The trainers will arm you with the knowledge, experience and continuous support for your role in our show. Together, we will continue the legacy of a Disneyland icon.

As your Monorail Lead Team, it is our goal to be your role models. We pride ourselves in our hard work and dedication to our fellow Cast Members by keeping the Four Keys alive in our work environment. Together with the SERVICE model, we weave Walt's dream into reality.

We are proud to have you on our team. Our operation will be enhanced with your integrity, personality, skills, inspiration, and enthusiasm.

We are looking forward to successful and fun-filled seasons as we step into the future together.

**CONGRATULATIONS!**





# CONGRATULATIONS

THIS CERTIFICATE IS AWARDED TO



YOU HAVE SUCCESSFULLY

# EARNED YOUR WINGS

---

FIGHT COMMANDER

---

DATE

---

FLIGHT INSTRUCTOR



**THE TOMORROWLAND MONORAIL TEAM**

IS PLEASED TO PRESENT THIS

**CERTIFICATE OF RECOGNITION**

TO



**TOMORROWLAND**

**WITH OUR THANKS AND CONGRATULATIONS FOR A  
GUEST COMPLIMENT**

*Thank You!*  
*Monorail Lead Team*

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AREA MANAGER