



OWNER

MGM Mirage Group

APM CONSULTANT

Jakes Associates, Inc.

CONTRACT AMOUNT

USD 16 million (basis 1998)

SCOPE OF WORK

General contractor for APM system, steel guideway super-structure and columns

PROJECT DURATION

12 months

OPERATION & MAINTENANCE CONTRACT VALUE

Approx. USD 1 million per year (basis 1999); owner took over O&M from DCC after one year of operation

DATE OF OPERATION

1999

Above the crowd.

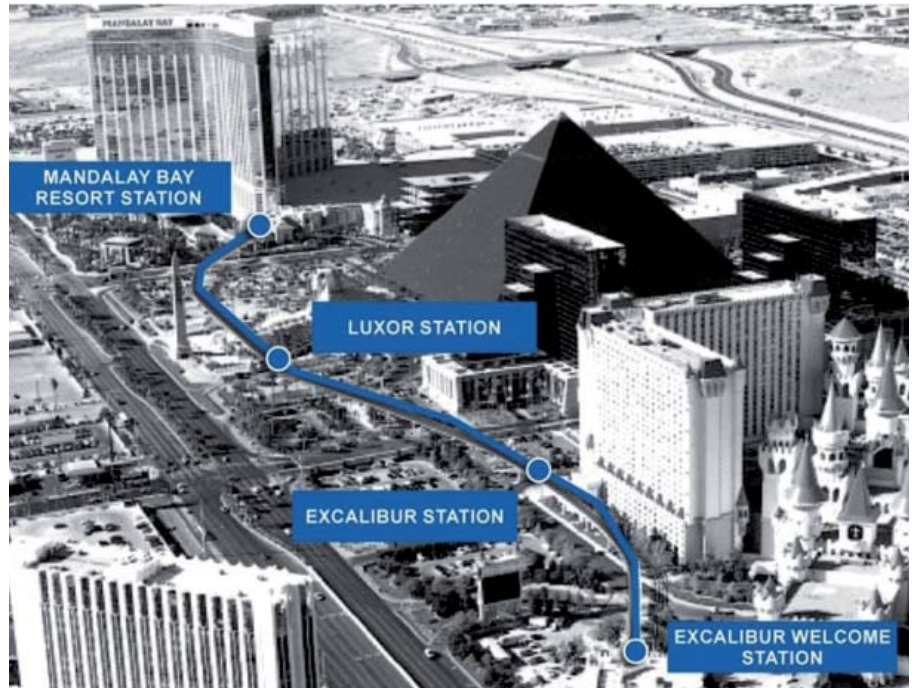
The customer needed an unprecedented timetable for rapid completion, very distinctive looking trains, and a guideway that did not detract from the expensive, surrounding architecture. DCC developed a customer-designed train to match the pyramid at the Luxor Hotel and utilized an open steel tube truss guideway - all on schedule. The Mandalay Bay Tram transports more than 20 million passenger per year with a system availability constantly above 99.5 %.

Mandalay Bay Tram Las Vegas, USA

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Alignment

The Mandalay Bay Tram connects three hotels/casinos of the MGM Mirage Group: the Excalibur, Luxor and Mandalay Bay Resort hotel with the guideway and station/platforms approximately 6 meters above the ground.



Technical Data

The stations of the Cable Liner system are integrated into the hotel/casino buildings. DCC's lightweight vehicles allow for a light steel guideway truss system, columns and foundations.

	SYSTEM I AND SYSTEM II
SYSTEM LENGTH	838 m [2,749 ft]
CONFIGURATION	Dual track with two trains operating independently
OPERATING SPEED	36 km/h [22.4 mph]
HEADWAY	300 s
DWELL TIME	50 s (25 s mid station)
GUIDEWAY	Elevated steel guideway
SYSTEM CAPACITY	3,200 pphpd
STATIONS	4
TRAINS	Two 5-car trains
TRAIN CAPACITY	32 passengers/car, 160 passengers/train

