



<p><b>OWNER</b></p> <p><b>MGM Mirage Group</b></p> <hr/> <p><b>APM CONSULTANT</b></p> <p><b>Lea &amp; Elliott</b></p> <hr/> <p><b>CONTRACT AMOUNT</b></p> <p><b>USD 64 million (basis 2006)</b></p> <hr/> <p><b>SCOPE OF WORK</b></p> <p><b>General contractor for APM system, steel guideway superstructure, foundation and towers</b></p>	<p><b>PROJECT DURATION</b></p> <p><b>40 months</b></p> <hr/> <p><b>OPERATION &amp; MAINTENANCE CONTRACT VALUE</b></p> <p><b>By Owner</b></p> <hr/> <p><b>DATE OF OPERATION</b></p> <p><b>2009</b></p>
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**Design and Aesthetics.**

The USD 8 billion "CityCenter" Mega-Project is currently the largest private project in the USA and includes more than 2,800 condominiums, three luxury hotels with more than 5,000 beds and more than 44,000 square meters of high-end retail shops and restaurants. Successfully implementing the passenger transit system in this complex project environment demonstrates DCC's project management skills and acumen. With this being the second system for the MGM Mirage Group in Las Vegas, DCC is playing a significant role in MGM Mirage's presence on the Las Vegas Strip.



# MGM CityCenter Shuttle

## Las Vegas, USA

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### Alignment

The elevated alignment skirts through a maze of high-rise towers connecting three adjacent MGM properties/resorts.



### Technical Data

The lightweight steel truss guideway design enables DCC to build supports spanning more than 67 meters without special bridge constructions, with a maximum guideway depth of one meter. DCC's custom-tailored design allows the owner to make the passenger transit system an integral part of CityCenter's branding concept.

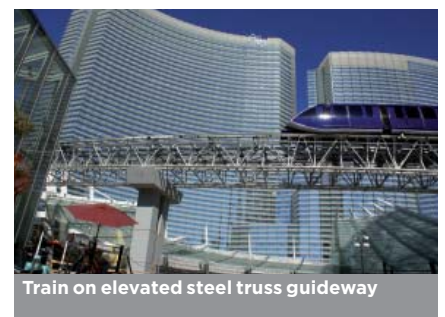
	SYSTEM I AND SYSTEM II
SYSTEM LENGTH	650 m [2,100 ft]
CONFIGURATION	Dual track shuttle with two trains operating independently
OPERATING SPEED	37.8 km/h [23.6 mph]
HEADWAY	150 s
DWELL TIME	24 s
GUIDEWAY	Elevated steel guideway
SYSTEM CAPACITY	3.000 pphpd
STATIONS	3
TRAINS	Two 4-car trains
TRAIN CAPACITY	33 passengers/car, 132 passengers/train



DCC's video wall behind the Central Control Operator's Console and SCADA screens



Station at the hotel and casino complex "Bellagio"



Train on elevated steel truss guideway