



LAS VEGAS CONVENTION CENTER EXPANSION FACT SHEET

June 2021

OVERVIEW

The Las Vegas Convention Center's (LVCC) \$1 billion West Hall expansion added 1.4 million square feet of space to the existing 3.2 million square foot campus. The expansion features a contemporary design, ample natural light and a sleek design located on what was once the site of the Landmark and Riviera hotels. Beneath the entire 200-acre campus runs the Convention Center Loop, an innovative underground transportation system designed by visionary Elon Musk's The Boring Company that will transport convention attendees throughout the entire campus in under two minutes in Tesla vehicles, free of charge.

KEY HIGHLIGHTS

- The West Hall expansion brings the amount of meeting and convention space in the Las Vegas destination to approximately 14 million square feet.
- The new West Hall features:
 - 600,000 square feet of exhibition space, including 328,000 square feet of column-free space, the largest column-free exhibition space in North America.
 - A 14,000-square-foot terrace able to hold receptions of up to 2,000 attendees offering spectacular views of the Las Vegas Strip.
 - An atrium that features a 10,000-square-foot digital screen developed by Samsung, the largest digital experience in a convention center in the U.S. and is ideal for one-of-a-kind branding and promotion opportunities. The state-of-the-art screen can display content at resolutions up to 8K.
- The building's sleek design allows for natural light to fill the atrium and throughout many of the meeting rooms, welcoming meeting attendees with a bright and crisp atmosphere.
- The West Hall connects to the existing North, Central, and South Halls via the Convention Center Loop. The West Hall connects to the North Hall and Central Hall through an enclosed above ground bridge for pedestrian traffic.

MEETINGS MADE EASY

- Easy Access:
 - The West Hall features 80 meeting rooms on three floors, stacked one above the other. This allows attendees to move between meeting rooms quickly, via nearby elevators and escalators.
 - Four glass-enclosed show manager offices overlook exhibition halls.
- Flexible Space:
 - All meeting rooms are easily accessible from the public concourse, lobbies and the main exhibit hall and provide flexible configuration, from as small as 700 square feet to as large as 18,000 square feet.

- Outdoor exhibition and event space total 199,000 square feet adjacent to the new West Hall.
- Simple Load In/Load Out:
 - A total of 41 loading docks make show load-in and load-out easy.
 - A massive 59' x 32' sky-fold door allows even the largest mining equipment previously only able to be displayed outdoors to be moved inside the exhibition hall.
- Connectivity:
 - The facility features 503 floor boxes for power and data throughout the meeting rooms, lobbies and exhibition spaces for easy plug in directly into the floor.
 - Cox 5G wireless service and the next generation of WiFi technology, WiFi 6, allows for blazing fast internet connections no matter how many devices are connected to the network.
- Branding:
 - Digital branding opportunities exist throughout the facility, including the 10,000 square foot screen in the Atrium, at the entrance to meeting rooms, on wayfinding screens, and on a 63'x9' screen in the underground Convention Center Loop passenger station.
- Transportation:
 - In addition to the Convention Center Loop, ample taxi and ride share drop off and pick-up points along with motor coach parking and nearly 600 surface level spots are available on the West side of the building.
 - Easy access to the Monorail station in the Silver Lot.
- Business Services:
 - FedEx Business Services allows convenient access to printing and shipping services.
 - A Cox Technology service desk ensures exhibitors and attendees have quick access to help they may need to stay connected.
- Culinary Offerings:
 - A Food Court offers Dunkin' Express, The Roost Farm Fresh Chicken, The Fancy Wok Asian Kitchen, Go Natural Grab and Go and Brand Burger & Fries.
 - Centerplate, the Las Vegas Convention Center's exclusive food & beverage partner, offers hospitality-driven catering options for large and small events.

CUTTING EDGE TECHNOLOGY BY SAMSUNG

Samsung Electronics America and Samsung SDS America developed a state-of-the-art digital experience designed to deliver cutting-edge promotional platforms for trade show organizers and exhibitors.

- Atrium video wall
 - The 10,000 square foot Samsung IF Series 4.0mm Pixel Pitch LED video wall features ultra-high definition resolution, offering one-of-a-kind branding opportunities for show organizers and exhibitors.
 - The screen reaches peak brightness levels nearly two times higher than standard LED maximum brightness norms and real-time tuning ensures consistent color and clarity.
 - The screen's compact, durable design can withstand damage from natural events as strong as a Level 4 earthquake.
- Directional signage and screens
 - Samsung's 1.2mm microLED technology, known as The Wall, is featured throughout the West Hall on overhead directional signage and interior pylons.
 - The modular-based design allows displays to overcome the limitations of a television's size; making the screen larger or arranging it into other configurations is as easy as adding or removing modules.

- Industry leading hardware
 - Display signage features MagicINFO, the industry leading platform, offers trade show organizers and exhibitors seamless remote management, no matter the location or time of day.
 - Show organizers can conveniently create, schedule and deploy content across an entire digital signage network, as well as remotely monitor and troubleshoot.

CUSTOMERS ASKED, WE LISTENED

Several of the West Hall’s design features were the direct result of feedback from our valued convention customers. Some requests from convention organizers and exhibitors that were implemented in the building’s design and functionality includes:

- Floor boxes were installed throughout all spaces, providing easy access to power and data.
- Rigging hang points are available in all areas, including meeting rooms and public areas.
- Energy efficient LED lighting in the exhibit hall can be dimmed or brightened to meet the customer’s demand.
- Show offices overlook the exhibit hall; one office features movable glass partitions to allow for glare free filming.
- An additional staircase at the end of the pedestrian bridge allows direct access to the exhibit hall.

SUSTAINABILITY

- During construction of the West Hall, sustainability was a top priority with 78% (20,000 tons) of construction waste being diverted from landfills
- 18 electric vehicle charging stations on site to reduce emissions in the destination.
- The West Hall features nearly 900 water efficient fixtures located in restrooms, kitchens, and water fountains throughout the facility, saving 955,000 gallons of water each year when compared to standard water fixtures.
- Also saving on water usage is 49,000 square feet of desert-friendly xeriscaping around the facility, resulting in saving 2.5 million gallons of water per year when compared to watering non-native landscaping.
- 100 percent LED lights throughout the facility.
- Solar panels will be installed by Spring 2022 which, coupled with a battery storage system, will help shift energy demand away from the grid during peak times.
- Construction crews utilized responsible construction materials that reduced common air pollutants. Low-emitting materials included the following:
 - GreenGuard certified paints
 - Green Label Plus Certified Carpet Adhesives
 - Low-pollutant ceiling tiles and insulation

THE FUTURE OF TRANSPORTATION

Elon Musk’s innovative underground transportation system known as the Convention Center Loop will move thousands of convention attendees throughout the LVCC campus in all-electric Tesla vehicles. This system is already expanding with future point-to-point systems linking the LVCC with Resorts World Las Vegas and Encore at Wynn Las Vegas. Plans are also underway with city and county officials to expand this loop system throughout the destination. Known as the Vegas Loop, the expanded system is expected to use similar technology as the Convention Center Loop, connecting dozens of resorts on the

Las Vegas Strip, and branching out to Allegiant Stadium and McCarran International Airport in the coming years.

CONSTRUCTION BY THE NUMBERS

- **26,500 tons** of structural steel was used for the overall project
- **5,600 tons** of reinforcing steel was used for the overall project
- **67,000 cubic yards** of concrete was used during construction, weighing a whopping **75 million pounds** requiring **1,800 fully-loaded** concrete trucks
- **10 inches** of concrete hold the load-in weight for any show
- Rigging accommodations throughout the West Hall provide between **2,000 pounds and 4,000 pounds** of capacity in meeting rooms, exhibit space and lobby areas
- **66,869 square feet** of catwalks exist throughout the Exhibit Hall

FUN FACTS

- The 600,000 square foot Exhibit Hall is large enough to fit eight NFL football fields or 333 regulation volley ball courts.
- The Main Concourse has a length of 1,197 linear feet, equal to approximately 14 blue whales from end to end.
- The 137,000 square feet of exterior glass is enough for a glass roof over 2.5 football fields.
- The Exhibit Hall's oversized service door is wide enough to fit a Black Hawk Helicopter with rotors extended and tall enough to fit a luxury yacht.
- The Exhibit Hall's length of 1,314 feet is greater than the height of the Empire State Building, which is 1,250 high.
- The Main Lobby Atrium ceiling is 116 feet high, tall enough for King Kong to stand.
- The Exhibit Hall is long enough for three 747 airplanes to park from end to end, including wingspan.

TIMELINE

- October 2016: Nevada lawmakers approve legislation to help fund the LVCC expansion and the NFL stadium
- June 2016: Riviera Hotel was imploded
- June 2017: LVCVA Board of Directors give final approval for the expansion of the LVCC
- January 2018: Ceremonial groundbreaking took place
- April 2018: LVCVA unveils design for the LVCC expansion
- September 2018: Construction begins on the West Hall expansion
- September 2019: The final beam was hoisted above the 600,000 square foot exhibit hall
- May 2020: More than 600,000 square feet of concrete poured in the exhibition hall
- August 2020: LVCC facility was awarded GBAC certification, the gold standard for clean facilities
- October 2020: Exterior signage placed on the building
- December 2020: West Hall receives its Temporary Certificate of Occupancy
- June 2021: West Hall to host its first show, Informa Markets' World of Concrete

PROJECT PARTNERS

- Miller Project Management, LLC., Owner's Representative
- Turner/Martin-Harris, a Joint Venture and Contractor
- tvsdesign, Prime Architect

- tsk, Las Vegas Architect
- Simpson Coulter Studio
- KME Architects
- Carpenter Sellers Del Gatto Architects

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