



DEPARTMENT OF FLEET AND FACILITIES

LOUISVILLE, KENTUCKY

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Belvedere/Riverfront Plaza Weight Restrictions and Facility Specifications

Location: The Belvedere/Riverfront Plaza is located on Main Street between 4th and 6th Streets. It is divided into three segments: West Plaza, East Plaza and the Belvedere Overlook.

Amenities: The Belvedere is a public gathering space uniquely situated in the heart of Main Street with spectacular views of the Humana Building, the downtown skyline and the Ohio River. It is conveniently located adjacent to the Kentucky Center, the Galt House and via an elevated pedestrian walkway, the Muhammad Ali Center as well as parking garages. The West Plaza features a large lawn area and shady tree grove. The East Plaza features a large fountain and shady pavilions. The Overlook, a flat paver covered area, features views of the river along with statues of Louisville Founder George Rogers Clark and of the enslaved York of the Lewis and Clark Expedition as well as a pedestrian connection to the Wharf, Belle of Louisville, RiverWalk and Waterfront Park. All areas are connected via a large promenade.

Weight Restrictions & Facility Specifications: The Belvedere Plaza has been reviewed for loading by structural engineers. The following restrictions are based on a thorough review of site conditions and the as built drawings for the site. **Event Producers are required to read, understand and adhere to the weight restrictions outlined as follows.** Any and all additional equipment, supporting materials and portable infrastructure brought to the Belvedere for the purpose of servicing an event are the responsibility of the event producer. The transportation and removal of any and all additional equipment, supporting materials and portable infrastructure is the responsibility of the event producer. The Event Producer is responsible for damages and verifying that weight limits are not exceeded.

The Plaza was reviewed for vehicle axle loading and the weight restriction is controlled by the bending capacity of the slab. The following restrictions are for the plaza for vehicle loading:

1. Maximum vehicle axle weight is 8,000 pounds.
2. Minimum axle spacing is 12 feet. Examples of the axle spacing are below:
 - a. This is the minimum spacing between the front and rear axle of a vehicle.
 - b. This is the minimum spacing between the rear axle of a vehicle and a trailer axle.
 - c. This is the minimum spacing between the rear axle of a vehicle and the front axle of an adjacent vehicle.

3. This is roughly equivalent to a loaded Ford F-350 class pick truck. Ford's truck specification for a 2016 F-350 (single axle – SRW) lists a maximum rear gross axle rating of 7,180 pounds. Therefore, only single axle pickup trucks will be allowed on the Belvedere.

4. Utility trailers may be pulled by a single axle pickup truck assembly that meets the maximum vehicle/trailer axle weight of 8,000 pounds and minimum axle spacing of 12 feet.

Skid Steer Loaders

The Plaza was reviewed for Skid Steer Loaders and the weight restriction is controlled by the bending capacity of the slab. Skid steer loaders were researched for sizes and weights for the review. The following restrictions for skid steer loaders (based on Bobcat models):

- Maximum weight in a skid steer bucket is 3,000 pounds.
- Maximum skid steer operating weight of 6,400 pounds. The operating weight is the weight of the skid steer, full tank of gas, empty bucket, and one operator. This is equivalent to a Bobcat Skid Steer Loader S570. Track type skid steer vehicles will not be allowed. Only pneumatic tire type vehicles are permissible.
- The skid steer operating rate should be distributed at approximately 70% to the rear axle and 30% to the front axle to meet the Bobcat specifications.
- Therefore, a fully loaded skid steer should weigh no more than 9,400 pounds.
- Spacing between front and back axles should be approximately 3.5 feet or more.

Forklifts

The Plaza was reviewed for forklifts and the weight restriction is controlled by the bending capacity of the slab. Forklift trucks were research for sizes and weights for the review. The following restrictions are recommended for the plaza for forklift loaders (based on Caterpillar models):

- Maximum weight supported by the forklift is 2,500 pounds at the center of the forks.
- Maximum forklift operating weight of 6,600 pounds. The operating weight is the weight of the empty forklift with minimum weight battery. This is equivalent to a Caterpillar Electric Pneumatic Tire Lift Truck EPC3000. This forklift has an operating weight distribution of approximately 3,000 pounds to the front axle and 3,600 pounds to the rear axle.
- Therefore a fully loaded forklift should weigh no more than 9,100 pounds.
- Spacing between front and back axles should be approximately 4.5 feet or more.

The attached site plan shows areas affected by the weight restrictions. Loading and unloading should be planned accordingly.

Access

Traffic control bollards exist on the Belvedere to demarcate the start of the weight restrictions for the Belvedere. Standard spacing between the bollards is 4'. **One removable bollard allows for an opening of 8' 9"**. In order to remove the bollard, the event producer must contact DRH Security (Dennis Henry) at 502.417.0717 or jest2139@aol.com . This opening will be staffed by DRH Security, at the sole expense of the event producer, at all times and for the duration that the bollard is removed for load in or load out. DRH security is responsible for the removal and replacement of the bollard. The Event Producer is solely responsible for verifying the weight of the items entering and exiting the Belvedere, and that the items adhere to the weight requirements.

East Plaza

The East plaza was constructed using 12" X 12" pavers. These pavers do not interlock. Special care must be taken when traversing with vehicles. Plywood or a suitable material must be used to prevent damage to the pavers or the grade of the area.

Turf Areas

Vehicular traffic of any kind is not allowed on the turf areas of the Belvedere.

The undersigned applicant hereby acknowledges receipt of a copy of these Guidelines, that applicant has read these Guidelines and agrees to comply with all requirements of these Guidelines.

(Print Company or Organization name)

by _____ (Signature)
Print name _____

Title _____

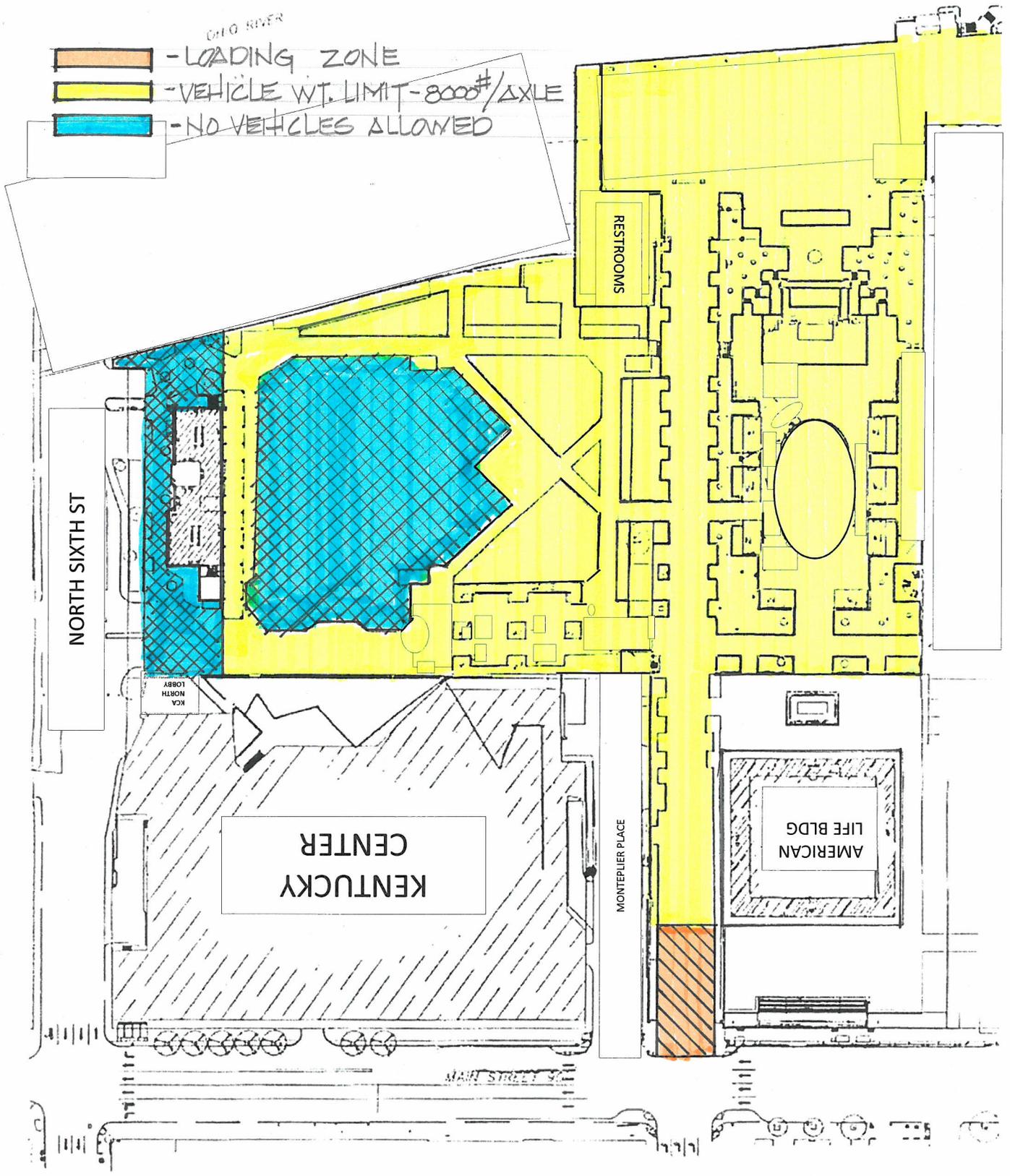
Date _____

(Signature)
Applicant printed name _____ (if individual Applicant)

Date _____

OHIO RIVER

- LOADING ZONE
- VEHICLE WT. LIMIT-8000#/AXLE
- NO VEHICLES ALLOWED



Belvedere