

**El Dorado Main Street
El Dorado, Kansas
Bike Rack Design Competition**

The El Dorado Main Street organization, in partnership with the City of El Dorado is sponsoring a bicycle rack design competition for downtown El Dorado. The purpose of this project is to beautify the community, encourage alternate transportation and promote exercise and fitness by providing aesthetically-pleasing parking options for cyclists. The submitted design shall exhibit a balance of form, function and security and at the same time be artistic and contextual to the downtown area.

This is an open competition and drawings must be submitted on or before 04/12/2011. In addition to public recognition, the winner(s) will receive a family gift package for the upcoming Frontier Western Celebration.

I. Pre-Register:

- All designers who plan on participating in this design competition must pre-register as soon as possible, but no later than 03/22/2011.
- To pre-register, simply email the following information to eldo.mainst@sbcglobal.net
 - o Name (First and Last)
 - o Location (City and State)
 - o Phone Number
 - o Email Address
- This information will only be used to contact designers when needed and will not be distributed or sold.
- Designers who pre-register after 03/22/2011 may be allowed to enter the competition on a case by case basis at the discretion of the El Dorado Main Street Organization.

II. Submission Requirements:

- 2 Dimensional Scaled Drawings consisting of Dimensions and any necessary notes
- Required drawings shall consist of:
 - o Top/Plan View
 - o Front Elevation
 - o Side Elevation
- Drawings shall include a Titleblock that shall consist of:
 - o Designer's Name
 - o Contact Information (Either phone or email address)
- Optional:
 - o 3D computer generated model
 - o Physical model (constructed of clay, chipboard, etc.)
 - o Full scale prototype
 - o Perspective drawing

III. Submission Procedure:

- On or before 04/12/2011, all drawings must be emailed in PDF format, and all physical models must be hand delivered to the following location:

Lindsay Baines
430 N. Main (Train Depot)
El Dorado, Kansas 67042
eldo.mainst@sbcglobal.net
316-321-3088

IV. Design Criteria:

- Security: The ability to lock the bicycle frame securely to the rack is essential. In addition, designs must allow for at least one wheel to be secured to the rack. Racks should accommodate most sizes (child and adult) and shapes of bicycle frames and wheels, as well as commonly available locks, such as U-locks and chains.
- Safety and Ease of Use: All rack designs must be safe for pedestrian and bicyclists. With bicycles attached, the rack should be no wider than 6 feet (the length of most bicycles), and no more than 10 feet in length. Additionally, bicycles should not have to be lifted off the ground to be secured to the rack. Function and bicycle position should be evident, and the design should be user-friendly.
- Durability: Racks must be designed to withstand all weather conditions as well as heavy recreational use. They will be permanent installations, installed in a concrete surface, and must require little to no maintenance. Designs must also ensure that bicycles are not damaged as a result of rack usage (no sharp edges that will scratch frames, e.g.)
- Form and Relationship to Surroundings: Designs must accommodate at least two , but no more than 4 bicycles. Racks should complement their surroundings and fit in well with other sidewalk fixtures. Aesthetically, designs should either hold universal appeal or reference a unique feature of El Dorado's downtown district. Designs are also encouraged to consider multi-functional designs that could serve other uses.

V. Dates (Subject to change without notice):

- 03/01/2011 = Design competition begins
- 03/22/2011 = Deadline to pre-register as a designer
- 04/12/2011 = Design competition ends
- 04/19/2011 = Voting begins
- 05/03/2011 = Voting ends
- 06/25/2011 = Winner(s) revealed

VI. Miscellaneous:

- Winning design(s) may be adapted to fit available materials and/or locations.
- Bicycle racks are open to sponsorship by organizations, businesses or individuals. For more information about sponsoring a rack, contact Lindsay Baines at the number above.
- The El Dorado Main Street organization has the right to refuse any designs, submissions and/or winners for any reason.

- All chosen designs will become ownership of the City of El Dorado and the designer will release all copyrights.
- This program is supported in part with Kansas Main Street, Kansas Department of Commerce
- This program is funded through partnerships of the City of El Dorado, Butler County, and a strong source of community donations.

VII. Questions:

- Contact Lindsay Baines @ 316-321-3088 or eldo.mainst@sbcglobal.net