



## BFC\_Spring\_2014\_open Saved on 2013-12-12 18:31:53

### **Application Tips**

- The application will be referring to your type of jurisdiction as "community" throughout the application due to the great variety of types of jurisdictions applying, which does not include bicycle amenities, services and other resources outside your boundaries.
- The word limits for open ended questions are just guidelines as the system is actually using a character limit. Ensure that your entered text does not get cut off, even if you stay within the word limit.
- Ensure to log out using the Log Out button. Closing the browser will not log you out completely and will trigger a warning that another user is logged in next time you sign in. If this occurs, and you are certain that no other user is logged in at the same time, you can just disregard the warning and it will disappear within 24 hours.
- At the end of the application, you can upload any documents that you would like to provide in support of your application, including at least five high resolution photos (1-2MB). You can submit up to 5 files at the time and there is no limit on how many files can be submitted. Please note that the files will upload immediately to a separate server and will not appear as an attachment.

### **Name of Community**

Name of Community

City of Henderson

County/Borough/Parish

Clark County

State

Nevada

Has the community applied to the Bicycle Friendly Community program before?

No

If yes, what was the result of the community's last application?

If designated, what year was your community first awarded a Bronze or higher award?

Mayor or top elected official (include title)

Mayor Andy Hafen

Phone

(702) 267-2080

Email

andy.hafen@cityofhenderson.com

Address

240 Water Street, Henderson NV 89009

Website

cityofhenderson.com

### **BFC Contact Profile**

Note: This person will receive any future BFC related communication and will be listed as the contact person for the community on the award web profile, if designated.

Name of BFC contact

Scott Jarvis

Title

Project Engineer III / Bicycle Program Manager

Department

Public Works Department

Employer

City of Henderson

Address

240 Water Street

City

Henderson

State

Nevada

Zip

89009

Phone

(702) 267-3065

Email

scott.jarvis@cityofhenderson.com

Is the BFC contact also the Bicycle Program Manager?

Yes

If no, does your community have a Bicycle Program Manager?

If different from above, what is the Bicycle Program Manager's contact information (email and phone)?

Applicant name and email, if different from BFC contact or Bicycle Program Manager contact

### **Community Profile**

1. Type of Jurisdiction

Town/City/Municipality

2. For purposes of comparison, would you describe your community as largely

suburban

3. Climate Average daytime temperature (in °F)

January

54

April

75

July



101

**October**

78

**Average precipitation (in inches)**

**January**

0.70

**April**

0.23

**July**

0.46

**October**

0.36

**4. Size of community (in sq. mi.)**

**Total area**

105.5

**Water area**

0.5

**Land area**

105.0

**5. Total Population**

269,916

**5a. College/University student population (during semester)**

10-25%

**6. Population Density (Person per sq. mi. of land area)**

2,571

**7. Median Household Income**

\$67,924

**8. Age distribution (in percent)**

**Under 5**

6.0%

**Age 5-17**

16.3%

**Age 18-64**

63.4%

**Age 65+**

14.3%

**Totals (should equal 100)**

100.0%

**9. Race (in percent)**

**White**

79.0%

**Black or African American**

5.7%

**American Indian and Alaska Native**

0.5%

**Asian**

7.5%

**Native Hawaiian and Other Pacific Islander**

0.6%

**Some other race**

3.4%

**Two or more races**

3.3%

**Totals (should equal 100)**

100.0%

**Hispanic or Latino (of any race)**

14.2%

**10. How many government employees (including the Bicycle Program Manager), expressed in full-time equivalents, work on bicycle issues in your community?**

3

**11. What percentage of the community's Bicycle Program Manager's time is spent on bicycling issues?**

51-75%

**12. Do you have an officially recognized Bicycle Advisory Committee?**

Yes

**12a. How often does it meet?**

Monthly or more frequently

**12b. How many members serve on the committee?**

7

**12c. Which of the following groups are represented or regularly attend the Bicycle Advisory Committee? Check all that apply.**

User Group, Planning Department, Transportation Department, Parks Department, Recreation Department, Transit Agency, Other

**If other, describe (50 word limit)**

Other groups represented on or regularly attending the Bicycle Advisory Committee include bike shops, local businesses, non-profit and community organizations, local tourism board, bicycle advocacy groups and public affairs department.

**12d. Name and email of Bicycle Advisory Committee Chair**

Dick Wimmer, dickwimmer@me.com

**13. List all bicycle advocacy groups in your community**

Henderson Bicycle Advisory Committee, Look Out Kids About, Nevada Bicycle Coalition, Outside Las Vegas Foundation, Regional Transportation Commission of Southern Nevada, River Mountains Trail Partnership, Safe Routes to Schools, Southern Nevada Mountain Bike Association.

**13a. List the name and email of the primary contact for each bicycle advocacy group. If a primary contact is the applicant or BFC contact, list an alternative contact.**

Henderson Bicycle Advisory Committee, Dick Wimmer, dickwimmer@me.com Look Out Kids About, Brandyn Dente, brandyn@lookoutkidsabout.org Nevada Bicycle Coalition, Terry McAfee, tmcafee@gmail.com Outside Las Vegas Foundation, Mauricia Baca, mbaca@outsidelasvegas.org Regional Transportation Commission of Southern Nevada, Ron Floth, flothr@rtcnsnv.com River Mountains Trail Partnership, John Holman, nevhiker@aol.com Safe Routes to Schools, Sherie Moore, skmoore@interact.ccsd.net Southern Nevada Mountain Bike Association, David Jaget, info@snmba.org



**13b. Do you contract with any advocacy groups for services or programs? Check all that apply.**

Volunteer

**13c. List all advocacy groups that are working with you on this application.**

Henderson Bicycle Advisory Committee, Outside Las Vegas Foundation

**14. What are the primary reasons your community has invested in bicycling? Check all that apply.**

Improved quality of life, Improving public health, Community connectivity, Transportation options, Climate change/environmental stewardship concerns, Decrease traffic congestion, Increase tourism, Cooperation with adjacent communities, Economic development, Support Smart Growth  or other growth management goals, Traffic and bicycle/pedestrian safety, Meet local or state requirements, Other

**If other, describe (50 word limit)**

The City has three goals to reach its vision to be America's Premier Community that support an investment in bicycling: create a Vibrant Community, promote Sustainable Practices, and strengthen and diversify the Local Economy.

**15. What was your community's most significant achievement for bicycling in the past 12 months? (500 word limit)**

Our most significant achievement is the creation and implementation of a comprehensive bicycle program (named Bike Henderson) that supports and promotes a culture of cycling in the community of Henderson. The Bike Henderson program leverages an award winning parks and trail system and streets engineered with bicyclists in mind into a focused effort to engage residents of all ages and abilities to ride their bikes, whether it is to commute to work, run errands, compete or play. One goal of the program is to increase opportunities for residents to ride, and this has been accomplished most notably through several signature events created from the ground up in 2013. The Bicycle Swap and Rally was held in April, bringing together bike riders at every level for social interaction, education and a bike exchange. Crazy Spokes was held in October, combining a distance ride targeting the occasional rider ready for a challenge with a family festival and kid's bike parade. Another signature event was modeled after the international Ciclovía, renamed to the more descriptive Henderson Stroll 'n Roll and held in November. A 1-mile stretch of road that connects three city parks was closed to cars so that pedestrians and bicyclists could engage in physical activities, play games, and enjoy music and food. Stroll 'n Roll was attended by more than 5,000 residents and is one of the most successful inaugural events ever hosted by the City. To encourage the Bike Henderson initiative, the City created a community website (BikeHenderson.org), produced educational handout materials, integrated messaging into the City's social media and electronic marketing communications vehicles, executed a bicycle safety campaign, and worked with the news media to deliver a consistent pro-bicycle message. The Bike Henderson program is inclusive, engaging residents, business owners, homeowner associations, community groups and bicycle advocates in a grassroots effort to foster a culture of bicycling in Henderson.

**16. If you have applied to the BFC program before, describe any improvements that have occurred for cycling in your community since your last application. (500 word limit)**

Not applicable.

**17. What specific improvements do you have planned for bicycling in the next 12 months? (250 word limit)**

The City has planned several specific improvements for bicycling in the next 12 months. Public Works will implement bikeway design treatments identified in NACTO guidelines on several arterials, including bike boxes at critical locations, cycle tracks, and green lanes at freeway interchange conflict points along the only east-west crossing point of the I-515. Protected bike lanes will also be installed on two major arterials. Parks and Recreation will expand the focus of our signature bicycle events and offer more bicycle friendly activities based on feedback received from attendees. The homeowner's association for the master planned community in which Henderson Stroll 'n Roll takes place has asked to partner with the City on the event, in celebration of their 20th anniversary, so that it will become a true community event. Parks will also open the bike-themed McCullough Vista Trailhead, featuring amenities such as a bike repair station and rest stop. Public Affairs will improve the bike mapping feature on the BikeHenderson.org website to highlight special bike routes with difficulty levels and provide action video of the more challenging rides. The Henderson Police Department will launch a bicycle unit in 2014, to be used for patrol and interaction with the community at city events.

**Engineering**

**18. Does your community currently have any of the following policies in place? Check all that apply.**

Local Complete Streets policy , Local bicycle accommodation policy 

**18a. When was it adopted?**

The City is a member agency of the Regional Transportation Commission of Southern Nevada which adopted Complete Streets Design Guidelines in March 2013.

**18b. Provide a link or attach a copy of this legislation or policy**

[rtcnv.com/wp-content/uploads/2012/06/03-14-13-rtc-item-26-Complete-Streets-Design-Guidelines.pdf](https://www.rtcnv.com/wp-content/uploads/2012/06/03-14-13-rtc-item-26-Complete-Streets-Design-Guidelines.pdf)

**18c. What tools are in place to ensure implementation? Check all that apply.**

Implementation guidance, Design manual, Training, Oversight by Bicycle Program Manager

**19. Does your community currently have any of the following additional policies in place? Check all that apply.**

Design manual that ensures the safe and appropriate accommodation of bicyclists in every new road project, Streetscape design guidelines , Mixed-use zoning, Form-based/design-based codes , Connectivity policy or standards , Policy to preserve abandoned rail corridors for multi-use trails, Other

**If other, describe (100 word limit)**

The City also has policies, requirements or guidelines for: accommodating bike trails along high-speed corridors; preserving natural washes and power line easements for bike trail corridors; and residential developers to construct bike trails within and adjacent to their master planned communities.

**20. How do you ensure your engineers and planners accommodate bicyclists according to AASHTO, MUTCD and NACTO standards? (Check all that apply.)**

Offer FHWA/NHI Training Course, Hire outside consultants to train staff, Send staff to bicycle-specific conferences/training, Adopted local design manual, Other

**If other, please describe (100 word limit)**

Henderson's Bicycle Program Manager is the senior engineer in the Public Works Department and works closely with the City's engineers and planners to review projects for conformance with AASHTO, MUTCD, and NACTO standards. All plans are reviewed by the Bicycle Program Manager for opportunities to enhance bicycling. Eight City staff members, including the Bicycle Program Manager, have certifications in Traffic 101.

**21. Which of the following significant physical barriers to cycling exist in your community? Check all that apply.**

Major highways, Other

**If other, describe (100 word limit)**

Flood control washes and utility corridors do act as barriers in some locations, although they are used to increase connectivity wherever possible. An example is the Pittman Wash Trail, a 4-mile multimodal trail built along a natural wash between two major arterials.

**22. How do you ensure that there are end-of-trip facilities for bicyclists? Check all that apply.**

Bike parking ordinance for all new developments specifying amount and location, Other

**If other, describe (250 word limit)**

A policy instituted in 2008 requires new City facilities, from buildings to parks, to include bike parking facilities. The City's Development Code offers an incentive for developers to incorporate end-of-trip facilities by reducing vehicle parking requirements for their projects. This incentive can result in significant financial savings in a project's cost, or even allow a larger project on a site that would otherwise be too small due to parking requirements.

**23. Do your standards for bike parking conform with APBP guidelines?**

Yes

**24. What is the total number of public and private bike parking spaces in your community?**

GIS TO DETERMINE PUBLIC. HOW DO WE DETERMINE PRIVATE.

**24a. What percentage of bike racks conform with APBP guidelines?**

more than 75%

**24b. Of the total bike parking available, please specify the percentage of bike parking spaces that are:**

**Bike lockers**

None

**Parking spaces in bike depots (i.e. Bikestation)**

None

**Parking spaces in bike corrals (on-street bike parking)**

None



25. Approximately what percentage of the following locations has bike racks or storage units? Answer all that apply.

**Public and private schools**

76-90%

**Higher Education Institutions**

More than 90%

**Libraries**

More than 90%

**Transit stations and major bus stops**

Less than 10%

**Parks & recreation centers**

More than 90%

**Other government owned buildings and facilities**

More than 90%

**Event venues (e.g. convention center, movie complex)**

51-75%

**Hotels & restaurants**

Less than 10%

**Office buildings**

Less than 10%

**Retail stores**

Less than 10%

**Multi-family housing**

Less than 10%

**Public housing**

Less than 10%

26. Does your community have transit service (bus, light rail, heavy rail)?

Yes

26a. What percentage of buses are equipped with bike racks?

All

26b. Are bikes allowed inside transit vehicles?

Sometimes

Describe (50 word limit)

Metropolitan Area Express and Wright transit vehicles require bikes to be brought into the vehicles.

27. What is the centerline mileage of the existing off-road bicycle network within your community?

108 miles

27a. How many miles of the following off-road bicycle accommodations do you have? Answer all that apply (in centerline miles)

Paved shared use paths (?10feet)

NEED INFO-SHARI

Natural surface shared use paths (?10feet)

NEED INFO

Singletrack

NEED INFO

27b. What percentage of all natural surface trails and singletrack are open to bicyclists?

All

27c. What are the exceptions? (100 word limit)

No exceptions. Henderson has more than 100 miles of multiuse trails that are all open to bicyclists.

28. What is the centerline mileage of your road network (including state owned and private roads)?

NEED INFO-SCOTT

28a. What is the street network density of your road network? (centerline miles of road per sq. mi. of land area)

28b. What percentage of roads has posted or design speeds of 25mph and lower?

28c. What percentage of roads has posted or design speeds of 35mph and higher?

None, 1-10%, 11-25%, 26-50%, More than 50%

28d. What percentage of the existing on-street bicycle network meets or exceeds current AASHTO, MUTCD and NACTO standards?

More than 90%

28e. List your existing on-road bicycle accommodations that meet or exceed AASHTO, MUTCD and NACTO standards. Answer all that apply (in centerline miles)

Conventional bike lanes (ridable surface ?4feet)

NEED INFO

Shared lane markings

NEED INFO

Contra-flow bike lanes

NEED INFO

Protected or buffered bike lanes (one-way)

NEED INFO

Protected or buffered bike lanes (two-way)

NEED INFO

Raised cycle tracks

NEED INFO

Left-side bike lanes

NEED INFO

Bike boulevards or Neighborhood Greenways

NEED INFO

29. What other ways have you improved conditions for bicyclists? Check all that apply.

Road diets



,Area wide traffic calming



,Bike cut-throughs, Roundabouts that accommodate bicycles ,Speed tables to calm traffic, Other

If other, describe (250 word limit)

The City has revised the Master Streets & Highway Plan to call for dedicated striped bike lanes, rather than shared lanes with motorists, for major arterials that are 100 feet wide. This requirement is already in place for roads that are 80 feet wide. The City has also doubled the miles of bike trails in the last five years and added wayfinding, directional and interpretive signage to the community trail network. The City's Development Code allows for bike cut-throughs to connect residential neighborhoods directly to biking trails without forcing riders to use roads. The code also calls for greater connectivity between neighborhoods, so that a bicyclist will never "dead end." The State of Nevada implemented a 3-foot law in 2011, requiring motorists to move into the adjacent lane and pass a bicyclist with a minimum of three feet of space.

30. What percentage of arterial streets has dedicated space for cyclists (e.g. bike lanes, paved shoulders ?4feet, cycle tracks, etc)?



100%

**31. Which of the following broader transportation policies and programs are in place in your community? Check all that apply.**

Prioritization of active mobility in planning and design processes ,Other

**If other, describe (250 words)**

NEED INFO

**32. What maintenance policies or programs ensure the on-street bicycle network (including shoulders) remains usable and safe? Select all that apply.**

**32a. Street sweeping**

Same time as other travel lanes

**32b. Snow clearance**

No snow

**32c. Pothole maintenance**

Within one week of complaint

**32d. Describe any other maintenance policies or programs for the on-street bicycle network (including shoulders). (100 word limit)**

The Public Works Department conducts an annual review of the City's roadways to evaluate road conditions for bicyclists and prioritize maintenance projects for those roads most in need. Maintenance programs range from striping refreshes to road rehabilitation surface slurry projects.

**33. What maintenance policies or programs ensure the off-street bicycle network remains usable and safe? Select all that apply.**

**33a. Path sweeping**

Monthly

**33b. Vegetation maintenance**

Monthly

**33c. Snow clearance**

Not applicable

**33d. Surface repair**

Within one month of complaint

**33e. Describe any other maintenance policies or programs for the off-street bicycle network, if applicable. (100 word limit)**

The Parks and Recreation Department conducts an annual review of the City's bike trail system.

**34. Is there a mechanism in place for cyclists to identify problem intersections or areas to traffic engineers and planners? Check all that apply.**

Online reporting,Other

**If other, describe (100 word limit)**

The City uses a web-based customer relationship management program called Contact Henderson for documenting and tracking customer requests and concerns. Cyclists can use Contact Henderson at any time to share information about problem areas. A case is automatically created by the system and routed to the Bicycle Program Manager. The mobile application for Contact Henderson allows users to immediately upload their complaint and attach a picture, all from their smart phone. The City is also beta testing the mobile application CycleTracks, which enables bicyclists to add notes at the end of their route that are collected by the City.

**35. How do you accommodate cyclists at intersections in your community? Check all that apply.**

Most signals are timed,Demand activated signals with loop detector (and marking) or bike accessible push-button,Video or microwave detection ,Advance stop line or Bike Box ,Path crossing with high visibility markings or signs ,Raised path crossings , Other

**If other, describe (100 word limit)**

Nevada enacted a "Go on Red" law in 2013 that enables bike riders and motorcyclists to go through red lights after waiting for two rounds of the signal without getting a green light. Often a smaller or lighter vehicle is not detected by the signal sensor and will not trigger the signal to change. The law still requires cyclists to stop at a red light and only proceed if it is safe.

**36. Describe any other amenities or infrastructure improvements that your community provides or requires that create a comfortable and attractive bicycling environment. (500 word limit)**

NEED INFO

**Education**

**37. What percentage of your public and private schools offer bicycle education, e.g. through a Safe Routes to School or similar program?**

**Elementary**

1-25%

**Middle School**

51-75%

**High School**

None

**38. Outside of schools, how are children taught safe cycling skills? Check all that apply.**

Youth bike clubs,Bike clinics or rodeos ,Youth recreation programs,Helmet fit seminars,Trail riding classes,Other

**If other, describe (250 word limit)**

NEED INFO

**39. Do you have a ticket diversion program? Check all that apply.**

For motorists

**40. What have you done in the last 18 months to educate motorists and bicyclists on sharing the road safely? Check all that apply.**

Public service announcements,Share the Road educational videos on community website/TV channel,Community newsletter/magazine article,Utility bill insert,Flyer/handout,Dedicated bike page on community website,Share the Road Signs,Other

**If other, describe (250 word limit)**

NEED INFO

**41. How many times per year are the following adult bicycling education classes held within your community? Answer all that apply.**

**Traffic Skills 101 classes or equivalent (full-day training course, including classroom and on-bike instruction)**

2 times per year

**Cycling Skills classes (three to four hour classroom training courses)**

More than 12 times per year

**Commuter classes (one to two hour classes)**

**Bicycle maintenance classes or workshops**

More than 30 times per year

**42. Do you offer regular Smart Cycling courses for your community engineers and planners that include on-bike instruction and in-traffic cycling?**

Yes

**43. Has your community hosted a League Cycling Instructor seminar in the past two years?**

Yes

**43a. How many League Cycling Instructors are there in your community?**

4

**43b. List League Cycling Instructors that have taught at least one class during the past 12 months. (250 word limit)**

Ron Floth, John Glaze, Raymond Hess, Ron Volkmar

**44. Which of the following groups of professional drivers have training that includes information on sharing the road with cyclists? Check all that apply.**



School bus operators, Other

**If other, describe (100 word limit)**

The Nevada Department of Motor Vehicles provides information about sharing the road with cyclists to drivers who apply for a commercial driver license.

**45. Describe any efforts your community has made to ensure your education programs reach traditionally underserved populations, particularly seniors, women, youth and adult minorities and non-English speakers, and persons with disabilities of all ages. (250 word limit)**

NEED INFO

**46. Describe any other education efforts in your community that promote safe cycling. (500 word limit)**

Bicycle safety outreach program

**Encouragement**

**47. How do you promote National Bike Month/your own dedicated Bike Month? Check all that apply.**

Community Rides, Public Service Announcements, Videos promoting bicycling on community website/TV channel, Publish a guide to Bike Month Events, Commuter Challenge, Mentoring program for new riders, Bike valet parking at events, Bike to School Day, Public education campaign relating to cycling (e.g. with a focus on public health or environmental benefits), Other

**If other, describe (250 word limit)**

Scavenger Hunt – Month of May, 2013 Cruise for Clues was Henderson's first month-long bicycling scavenger hunt. Residents became the Sherlock Holmes of the outdoors and cracked clues to discover Henderson's trail system on bike. The event featured five different scavenger hunts, from two to five miles long. Cyclists took pictures of landmarks and submitted them to the City to earn points toward a grand prize. Mock Triathlon – Month of May, 2013 City of Henderson staff was challenged to complete the month-long Lazy Man Triathlon. Employees chose swim, bike and run distance goals from three levels of commitment and logged their miles each day on a Lazy Man Triathlete tracker website. More than 300 employees participated and everyone who completed the target distances for their level earned a prize.

**47a. What percentage of the population participate in Bike Month events?**

Less than 5%

**47b. Do you actively promote Bike to Work Day or other bicycle commuting incentive programs?**

Yes

**If yes, describe (500 word limit)**

The Regional Transportation Commission of Southern Nevada promotes the Club Ride program for Henderson. Club Ride is a free program designed to improve air quality and encourage the use of commute alternatives such as bicycling, carpooling, walking and riding transit. Club Ride works with many Henderson commuters and employers, including the City of Henderson, to offer incentives that encourage commuters to try new modes for getting to work. Commuters log their daily alternative commute to earn Club Ride incentives every month, which include merchandise, \$25 and \$50 gift cards. Club Ride participants are also eligible for exclusive discounts at local retailers, restaurants and service providers. NEED SPECIFICS: How many Henderson commuters, employers, employees, signed up? How is Club Ride promoted?

**47c. Approximately what percentage of the community workforce do you reach on Bike to Work Day?**

1-25%

**48. How do you promote bicycling outside of your official Bike Month? Check all that apply.**

Community and charity rides, Mayor-led/Council-led Rides, Videos on bicycling on community website/TV channel, Public Service Announcements, Trail construction or maintenance day, Open Streets/Ciclovía/Sunday Parkways

, Commuter Challenge, Triathlons and bicycle races, Bike commuter events, Publish a guide to community bicycle events, Mentoring program for new riders, Bike valet parking at events, Bike to School Day, Bicycle-themed festivals/parades/shows, Public education campaign relating to cycling (e.g. with a focus on public health or environmental benefits), Other

**If other, describe (250 word limit)**

**49. List the signature cycling events that occur in your community. (250 word limit)**

Bike Swap & Rally, Chocolate Chase, Crazy Spokes, Ironman World Championship 70.3, Mission Impossible Phast, Stroll 'n Roll, Viva Bike Vegas

**49a. How does the municipality sponsor or actively support these events?**

Organize the event, Fund event, Contribute in-kind funding (i.e. police presence, closing roads, etc), Assist in promoting the event, Other

**If other, describe (100 word limit)**

The City of Henderson provides staff and recruits volunteers for most of these events, and uses established contacts with the news media to ensure television and print coverage of bicycle events.

**50. Does your local tourism board or chamber of commerce promote bicycling in your area?**

Yes

**If yes, describe (250 word limit)**

The City of Henderson's Department of Cultural Arts & Tourism actively promotes the community's outdoor recreation opportunities, with a special focus on bicycling. Staff attends two large adventure travel shows each year reaching more than 30,000 out-of-market consumers. The Department works with Henderson hotels to offer discount room rates the adventure traveler, maintains a tourism website (VisitHenderson.com) with information about biking opportunities and events, and produces a brochure on adventure cycling. The City has also hosted the prestigious Ironman World Championship 70.3 for the past three years, pitting the world's premier short and middle-distance athletes against the best Ironman competitors in the world in a grueling 1.2 mile swim, 56 mile bike ride and 13.1 mile run.

**51. Are there cycling clubs in your community? Check all that apply.**

Recreational bike clubs, Mountain bike clubs, Friends of the Trail groups, National Mountain Bike Patrol, Racing clubs or teams

**51a. List the names of the clubs. (500 word limit)**

Biking Las Vegas, Biking Henderson Meetup Group, Colavita-Outback Steakhouse Las Vegas Racing Team, Green Valley Cyclists, High Desert Cycling Club, Las Vegas Valley Bicycle Club, LUV2Bike Cycling Club, Mandalay Bay-McGhies Racing Team, Mountain Bike Las Vegas, Southwest Bikes Racing Team, Trail Watch, Vegas Velo Racing Team, Vegas Women's Racing

**52. How many specialty bicycle retailers (shops dedicated primarily to selling bikes and bike-related equipment) are there in your community?**

10

**52a. List their names. (250 word limit)**

Aspen Creek Cycling, BC Adventure Bicycles, Bike Shop, Eye Gear Sport Optics, JT's Bicycle, McGhie's, REI, River Mountain Bike Shop, Sport Bike Parts 2U, Sports Authority

**53. Which of these bicycling amenities do you have in your community? Check all that apply.**

BMX track, Cyclocross course, Mountain bike park, Pump tracks, Loop route(s) around the community

**53a. Is there a skate park in your community?**

Yes

**If yes, do bikes have access to the skate park?**

Always

**54. Are there opportunities to rent bicycles in your community?**

Yes

**55. Does your community currently have a bike sharing program that is open to the general public?**

No

**55a. If yes, please provide details about the system below.**

How many bikes are in the system?

How many stations are in the system?

How many trips are being made annually?

**56. Do you have any current League of American Bicyclists designated Bicycle Friendly Businesses in your community?**

Yes



If yes, list the names of the businesses and their award level. (250 word limit)

Regional Transportation Commission of Southern Nevada, Silver Bike Shop, Silver Cashman Equipment Co., Bronze

57. Do you have any current League of American Bicyclists designated Bicycle Friendly Universities in your community?

No

58. Does your community have a bike co-op or non-profit community bike shop?

Yes

If yes, describe its services (250 word limit)

EVERY KID A BIKE-NEED INFO

58a. If yes, does the co-op/non-profit community bike shop receive support from the local government?

59. Does your community have youth recreation and/or intervention programs centered on bicycling? Check all that apply.

Recycle a Bicycle, Trips for Kids chapter, Earn a Bike program  Other

If other, describe (100 word limit)

Boys and Gils Club, Kohl's Cares Foundation in partnership with UMC, Every Kid A Bike

60. What mapping and route finding information is available for your community, which has been updated in the last 18 months? Check all that apply.

Online route finding service, Smart phone app, Online bike map outlining existing bike infrastructure (by type), public restrooms and other bicycle amenities, Printed bike map outlining existing bike infrastructure (by type), public restrooms and other bicycle amenities, Printed greenways and trails map

61. Describe any other programs or policies your community has to encourage cycling. (500 word limit)

NEED INFO. Region Open Space and Trail/SNRPC. Neon to Nature. Outside Las Vegas Foundation. Bike shops-rides, classes. Free bike valet available at all city events.

#### Enforcement

62. How does your police department interact with the local cycling community? Check all that apply.

A police officer is an active member of the Bicycle Advisory Committee, Identified law-enforcement point person to interact with cyclists, Other

If other, describe (100 word limit)

Henderson police officers staff the City's bike events to interact with the bicycling community, answer questions, promote biking safety and hand out giveaways.

63. What kind of training is offered to police officers regarding traffic law as it applies to bicyclists? Check all that apply.

Basic academy training, Completion of Smart Cycling course by one or more officers, Presentation by League Cycling Instructor or local cyclist

64. What enforcement programs that target improving cyclist safety are in place? Check all that apply.

Helmet giveaways, Light giveaways, Targeting motorist infractions, Targeting cyclist infractions, Share the road campaigns, Other

If other, describe (100 word limit)

The City conducted a bicycle safety outreach campaign during the summer of 2013 that utilized television and radio public service announcements, print and web advertisements, posters, street pole banners, social media messaging, a 3-foot law video, and a utility bill insert.

65. What percentage of patrol officers are on bikes?

1- 10%

66. Are any other public safety (e.g. EMS) employees on bikes?

No

67. Do police officers report cyclist crash data or potential hazards to traffic engineers and planners to identify sites in need of safety improvements for cyclists?

Yes

68. Which of the following safety services and amenities are available in your community?

Trail watch programs/ Trail patrols, Street lighting on most arterials, Street lighting on most non-arterials, Lighting of most shared-use paths, Stolen or impounded bikes recovery system or assistance

69. Are there any local or state ordinances that protect cyclists? Check all that apply.

It is illegal to park or drive in a bike lane (intersections excepted), Penalties for motor vehicle users that 'door' cyclists, Ban on cell phone use while driving, Ban on texting while driving, Safe passing distance law, Other

If other, describe (250 word limit)

NEED INFO-Would "Go On Red" be considered protective?

70. Do your local ordinances place any restrictions on cyclists? Check all that apply.

Local law requires that cyclists are required to ride as far to the right of the road as practicable without exceptions, Other

If other, describe (100 word limit)

Nevada Revised Statutes 484 require cyclists to obey all traffic signals and stop at stop signs (484B.763), yield to pedestrians (484B.280), use hand or arm signals (484B.769), ride with the flow of traffic (484.503), and use a front lamp and rear reflector when riding at night (484.513).

71. Describe any other enforcement programs or policies relating to cycling. (500 word limit)

Henderson police officers conduct quarterly meetings with Public Works Department engineers to discuss traffic issues related to cycling, including crosswalks, striping and road conditions, and upcoming road construction or closures. The Police Department donates bicycles that have been impounded.

#### Evaluation and Planning

72. Does your community have a comprehensive bicycle master plan or similar section in another document?

Yes

72a. If yes, please provide details about the plan below.

Provide a link to the plan or describe. (250 word limit)

The City of Henderson Master Bicycle & Trails Plan can be found at [cityofhenderson.com/gis/docs/maps/bike.pdf](http://cityofhenderson.com/gis/docs/maps/bike.pdf). The map depicts existing and future bike lanes, bike routes, shared use paths and trails. Henderson has the most extensive trail system in the state, at more than 120 miles, and connectivity across the city and into neighboring communities is a primary goal of the plan. The City is currently updating this map to reflect existing trails and bike routes and those planned for the future. The update will include a written bike plan that incorporates the changing needs and attitudes expressed by bicycle facility users.

When was it passed or most recently updated?

2003

Is there a dedicated funding source for implementation?

Yes

If yes, describe the funding source and designated amount (250 word limit)

The City funds a significant portion of Henderson's trail system from the Southern Nevada Public Lands Management Act of 1998. This innovative law provides for the sale of federal lands in Clark County with some of the proceeds earmarked to develop parks, trails and natural areas. The City nominates projects for funding and receives approval from the Secretary of the Interior. Roadway projects that incorporate bike lanes are primarily funded through a Gas Tax. The County recently passed a Fuel Indexing Tax that will link increases with the consumer price index.

What percentage of the current plan has been implemented?

NEED INFO

Are you meeting annual target goals for implementation?

Yes

73. Do you have a trails master plan that addresses mountain bike access?

Yes

If yes, provide the link to the plan or describe. (250 word limit)

Mountain bike access is incorporated into the Master Bicycle & Trails Plan, which can be found at [cityofhenderson.com/gis/docs/maps/bike.pdf](http://cityofhenderson.com/gis/docs/maps/bike.pdf). Talk about BLM partnership? Any unusual aspects to the plan?

74. Is there formal cooperation between the mountain biking community and the community recreation and planning staff?

No



**75. Does your community have an on-going bicycle counting and/or survey program that allows for long-term trend analysis of cycling trips (e.g. participation in the National Bicycle and Pedestrian Documentation Project)?**

Yes

**If yes, please describe the most recent results. (250 word limit)**

City staff conducted a bicycle counting survey in XXX 2013 at XXX intersections. The survey concluded that on-street facilities and shared use paths had the heaviest traffic in the mornings on both weekdays and weekends; shared use paths showed the most pedestrian and bicyclist traffic during all count times and days. Need more about the survey results. The City is currently developing a mobile application that will allow bicyclists to track trips. This will enable us to gather route and demographic data for long-term trend analysis. We are beta testing a similar application, CycleTracks by the San Francisco County Transportation Authority.

**75a. If yes, do the counts capture the gender of cyclists?**

Yes

**If yes, please describe the most recent results (250 word limit)**

The bicycle counting program conducted in XXXX 2013 showed 93% of bicyclists were male, 7% were female.

**76. Does your community routinely conduct pre/post evaluations of bicycle-related road projects?**

Yes

**If yes, please describe the results. (250 word limit)**

NEED INFO

**77. Does your community establish target goals for bicycle use, e.g. a certain level of bicycle mode share?**

Yes

**If yes, please describe (250 word limit)**

The Regional Transportation Commission has established goals for an interconnected, non-motorized transportation system for Southern Nevada. Those goals relevant to bicycle use are: Assure that the demand for bikes on buses can be fully accommodated Assure availability of facilities that can secure bikes at transit terminals Assure availability of facilities that can secure bikes at places of employment Assure that pedestrians and bicyclists are provided continuous access to transit Work with local jurisdictions to create portals within subdivision walls to allow access to transit and other regional destinations Improve tools to better evaluate, manage, implement and maintain alternative mode facilities Develop pavement condition evaluation methodology Develop a process to review bicycle facilities to determine appropriateness of facilities with relation to changes in land use or roadway characteristics Monitor the use of Question 10 funds for maintenance of Shared Use Trails Reduce pavement cuts Reduce the number of pedestrian and bicycle crashes across the Las Vegas valley Develop applications to view, evaluate and define mitigation for high crash locations Work with local jurisdictions to develop or implement enhanced regional street/sidewalk design standards that safely accommodate alternative mode travel Provide a reliable and adequate source of funding to implement non-motorized travel facilities in the Las Vegas area

**78. What is the most current journey-to-work data for your community? Tip: Search for topic B08301 (Means of Transportation to Work) for your community on the American FactFinder website (Advanced Search). Choose the most recent data set available for your community. Divide the total number of bicycle/pedestrian/transit commuters by the total number of commuters and multiply the result by 100.**

**Bicycling (in %)**

0.19%

**Percentage of bicycle commuters who are women (See topic B08006. Choose the most recent data set available for your community. Divide the total number of women bicycle commuters by the total number of bicycle commuters and multiply the result by 100.)**

0%

**Walking (in %)**

1.77%

**Transit (in %)**

97.77%

**79. What is the average commuting distance to work for residents of your community? Tip: This data is not available nationally and needs to be collected locally (or estimated).**

More than 10 miles

**80. What percent of children commute to school by bicycle? Tip: This data is not available nationally and needs to be collected locally.**

**Elementary**

NEED INFO

**Middle School**

NEED INFO

**High School**

NEED INFO

**81. How many cyclists have been involved in a crash in your community in the past five years involving a motor vehicle?**

NEED INFO

**81a. How many cyclist fatalities have occurred in your community in the past five years involving a motor vehicle?**

1

**81b. Do you have a specific plan or program to reduce these numbers?**

Yes

**If yes, describe (250 word limit)**

The City will expand its bicycle safety outreach campaign in 2014. PD interaction with community at events. Educational program for the schools. Targeted enforcement.

**82. Do you measure the Bicycle Level of Service of roads and/or intersections?**

No

**83. Do you have community-wide trip reduction policies or programs?**

Yes

**If yes, describe the policy/program and the results. (250 word limit)**

The Regional Transportation Commission of Southern Nevada manages the Club Ride Program for Henderson. Describe the program and the results.

**83a. Does the program use individualized marketing to identify and support current and potential bike commuters in your community?**

Yes

**If yes, describe the program and the results. (250 word limit)**

Club Ride will customize commuter options for biking, as well as walking, vanpool, carpool and transit. Personalized services include free ride matching and guaranteed ride home. Club Ride participants log their weekly bike commute into an online tracking system and receive personalized commuting reports for previous weeks, cost savings, and pollution reductions.

**84. Have you done an economic impact study on bicycling in your community?**

No

**85. Do you have a mechanism to ensure bicycle facilities, programs and encouragement efforts are implemented in traditionally underserved neighborhoods?**

Yes

**If yes, describe (250 word limit)**

The City of Henderson manages the Southern Nevada Strong program, a collaborative regional planning effort funded by a \$3.5 million dollar grant from the US Department of Housing and Urban Development. The 13-member coalition is focused on connecting lower income populations with quality jobs, housing and schools using multiple transportation options. Southern Nevada Strong provides the mechanisms and resources to conduct in-depth engagement efforts in traditionally underserved neighborhoods which may rely more heavily on biking as an affordable mode of commuting.

**86. Describe any other programs or policies that your community uses to evaluate and/or plan bicycling conditions, programs, and facilities. (500 word limit)**

The City is taking part in Unified Planning Work Process under a federal grant administered by the Regional Transportation Commission, to look at providing bicycling and mass transit facilities in five Henderson transportation corridors. We are conducting a Gap analysis to determine what bicycle programs or facilities we need to put in place to cover the "gap" between those we have now and what we want to provide as a Bicycle Friendly Community. We are developing Complete Streets guidelines to outline what roadways are appropriate and what amenities could be included. We are participating in the Southern Nevada Regional Planning Coalition's Regional Open Space & Trails workgroup to establish a regional open space and trails system and to coordinate trail connectivity throughout the Las Vegas Valley. Finally, we rely on the 7-member Henderson Bicycle Advisory Committee to evaluate and provide a user's perspective on bicycle amenities and programs being considered by the City. ADD:



quarterly trail counts?

### **Final Overview**

#### **87. What are the three primary reasons your community deserves to be designated a Bicycle Friendly Community?**

##### **Reason One (250 word limit)**

Biking infrastructure. The City of Henderson has made a substantial investment to provide world-class biking facilities. Over the last two decades, we have implemented long-range planning goals for connectivity within and between neighborhoods. We have invested millions of dollars in roadway and trail infrastructure. Number of rides organized by community biking groups every month, in addition to signature City events. Unique experiences such as the Three Sisters on the River Mountains Loop Trail. Continue to receive the highest satisfaction ratings for our recreation opportunities from our biennial community assessment surveys.

##### **Reason Two (250 word limit)**

Growing culture for biking. Enthusiasm for events/attendance. Biking community's support for the City's application to become a Bicycle Friendly Community.

##### **Reason Three (250 word limit)**

Bike Henderson commitment now and into future. Long-range plans for road and trail network. Long-range plans for how we develop neighborhoods.

#### **88. What are the three aspects of your community most in need of improvement in order to accommodate bicyclists?**

##### **Aspect One (100 word limit)**

Being a suburban family-oriented community, Henderson has focused more on the recreational aspects of biking and not enough on the bike commuter. We need to provide more end-of-trip facilities for this type of rider, such as secure bike parking, and locker and shower facilities. We also need to encourage Henderson businesses to champion the benefits of commuting by bike and offer incentives to their employees.

##### **Aspect Two (100 word limit)**

Both motorists and bicyclists would benefit from increased education on their individual responsibilities for safely sharing the road. Part of this is improving the training offered to police officers regarding traffic laws for bicyclists and increasing enforcement efforts to reinforce the safety message.

##### **Aspect Three (100 word limit)**

NEED INUPT FROM BAC

#### **89. Has completing this application made you more aware of what your community needs to do to be bicycle friendly?**

Yes

##### **If yes, describe (250 word limit)**

The City has formulated five objectives for the next year to move us forward in our vision to become a Bicycle Friendly Community. 1) Identify and engage community partners to increase use of bicycles for transportation and recreational use. 2) Increase the City's portfolio of safe, connected, attractive and sustainable bike facilities. 3) Implement targeted enforcement of traffic laws for bicyclists and motorists based on the most frequent cyclist/motorist interactions. 4) Identify and engage community partners to aid in educating bicyclists and motorists on how to be predictable and safe on roadways. 5) Continually review and assess the City's efforts to maintain and enhance a relevant bike infrastructure and activities.

#### **90. Are you planning any new projects based on your completion of the Bicycle Friendly Community application?**

Yes

##### **If yes, describe (250 word limit)**

One project in the works already is a ticket diversion program for bicyclists that would lower fines for those that attend a Traffic Skills 101 or similar class (infractions by bicyclists currently receive the same fines as those imposed on motorists). Another project is to create programs for Bike to Work week, and the City has formed a task force to develop partnerships with and engage Henderson businesses.

**Submit any documents that you would like to provide in support of your application, including at least five high resolution photos (1-2MB) here. You can submit up to 5 files at the time and there is no limit on how many files can be submitted. By submitting photos, the League of American Bicyclists has the right to use your photos to promote bicycling. Please note that the files will submit immediately and will not appear as an attachment.**

#### **We often get requests for model BFC applications from aspiring communities. Would you be willing to share your application?**

Yes

##### **How did you hear about the BFC program?**

The Regional Transportation Commission of Southern Nevada introduced the BFC program to the City of Henderson.