



Agenda

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BICYCLE AND TRAILS ADVISORY COMMITTEE MEETING

Wednesday, January 18, 2017, 5:30 p.m. – 7:30 p.m.

City Hall, 200 Lincoln Ave

1. CALL TO ORDER
2. ROLL CALL
3. APPROVAL OF AGENDA
4. APPROVAL OF MINUTES FROM December 21, 2016
5. CITIZEN COMMUNICATIONS FROM THE FLOOR
6. COMMUNICATIONS FROM OTHER AGENCIES
 - a. MPO (Erick Aune)
 - b. City Trails Coordinator Report – SF Conservation Trust (Tim Rogers)
7. INFORMATION, DISCUSSION & ACTION
 - a. Resolution of conflict with February 15, 2017 Mayor's State of the City Address/BTAC
 - b. League of American Bicyclists - Gold Application Status Update (Bob Siqueiros)
 - c. Report on La Tierra Trails Master Plan Projects and remaining NWQ budget (Frank Herdman)
8. BTAC SUBCOMMITTEE UPDATES
 - a. On Road Subcommittee (Joe Abbatacola)
 - b. Off-Road Trails (Frank Herdman/Ron Pacheco)
 - c. Going for the Gold (Gretchen Grogan)
9. STAFF COMMUNICATIONS
 - a. Trails Projects Status Update (Leroy Pacheco)
10. COMMITTEE COMMUNICATIONS
11. COMMUNICATIONS FROM THE CHAIR
12. ADJOURNMENT

Next Scheduled Meeting for BTAC is February 15, 2017, Agenda & Packet Material due on February 7, 2017. Please submit via email lnpacheco@santafenm.com

Persons with disabilities in need of accommodations, contact the City Clerk's office at (505) 955-6521 five (5) working days prior to the meeting date.

Bicycle and Trails Advisory Committee
Meeting Index
January 19, 2017

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Call to Order	Councilor Joseph Maestas, Chair called the Bicycle and Trails Advisory Committee meeting to order at 5:33 p.m. in the City Council Chambers, Santa Fe, New Mexico.	1
Roll Call	Roll call constitutes a quorum.	1
Approval of the Agenda	Ms. Grogan moved to approve the agenda as presented with a second from Mr. Cooley which passed by voice vote.	1
Approval of Minutes from December 21, 2016	Mr. Herdman moved to approve the minutes of December 21, 2016 as presented with a second from Ms. Wellington which passed by voice vote.	1
Citizen Communications from the Floor	Discussion Only	1,2
Communications from Other Agencies a.) MPO Report b.) City Trails Coordinator Report – SF Conservation Trust	Discussion Only	2,3 3
Information/Discussion/Action a.) Resolution of Conflict with February 15, 2017 Mayor's State of the City Address/BTAC b.) League of American Bicyclists – Gold Application Status c.) Report on La Tierra Trails Master Plan – Plan Projects and Remaining NWQ Budget	Mr. Pacheco moved to hold the February meeting on Monday, February 13, 2017 at the same time at the Market Street Offices at the Railyard with a second from Mr. Cooley which passed by voice vote. Mr. Pacheco moved that the BTAC request staff provide an estimate for the trail from the dog park to the 599 and update the board if there is an affordable way to stay within budget with a second from Mr. Herdman which passed by voice vote.	3 3 3,4,5
BTAC Subcommittee Updates • On Road Subcommittee • Off Road Trails • Going for the Gold	Discussion Only	5 5 5
Staff Communications • Trails Projects Status Update	Discussion Only	5
Committee Communications	Discussion Only	6
Communications from the Chair	Discussion Only	6
Adjournment	There being no further business to come before the Bicycle and Trail Advisory Committee adjourned at 7:28 p.m.	6
Signatures		6

**BICYCLE AND TRAILS ADVISORY COMMITTEE MEETING
CITY HALL – CITY COUNCIL CHAMBERS
January 18, 2017 – 5:30 PM – 7:30 PM
MEETING MINUTES**

1. CALL TO ORDER

Councilor Joseph Maestas, Chair called the Bicycle and Trails Advisory Committee meeting to order at 5:33 p.m. in the City Council Chambers, Santa Fe, New Mexico. Roll call constitutes a quorum.

2. ROLL CALL

Present:

Councilor Joseph Maestas, Chair
Paul Cooley
Jennifer Wellington
Shelley Robinson
Frank Herdman
Gretchen Grogan
James Ronald Pacheco
Joseph A. Abbatacola

Excused:

Tomas Rivera

Staff & Others Present:

Leroy Pacheco, Staff Liaison
Erik Aune, MPO
Sandra Noss, Santa Fe Conservation Trust
Brent Bonwell, SF Fat Tire Society
Tim Fowler, Concerned Citizen
Sandra Brice, SF Railyard
Kevin Rico, I Ride NM
Dean Frye, SF Fat Tire Society
John Branch, I Ride NM
Linda Vigil, Stenographer
Stephen Newhall, Adventure Cycling

Councilor Maestas announced Mr. Leroy Pacheco will be staff liaison for the BTAC Board.

3. APPROVAL OF AGENDA

MOTION: Ms. Grogan moved to approve the agenda as presented with a second from Mr. Cooley which passed by voice vote.

4. APPROVAL OF MINUTES FROM DECEMBER 21, 2016

MOTION: Mr. Herdman moved to approve the minutes of December 21, 2016 as presented with a second from Ms. Wellington which passed by voice vote.

5. CITIZEN COMMUNICATION FROM THE FLOOR

Mr. Burt Bonwell (31 Agua Viviendo) with Santa Fe Fat Tire Society expressed his concerns with the La Tierra funds and his interest in seeing the funds be allocated to the master plan.

Mr. Tim Fowler (2087 Calle Navidad) with the NM Bike and Brew Festival. There has been a change in management for the event. They would like to collaborate with bike to work week activities.

Ms. Sandra Brice Director of events with the Santa Fe Railyard is excited to hold the Bike and Brew at the Railyard again. The underpass project will help if it is complete or near completion. They are also willing to help.

Kevin Rico with I Ride NM who helps with trail building, expressed his concerns with the La Tierra funds. They maintain the motocross jumps.

Mr. Dean Frye (1461 Encino Road) with Santa Fe Fat Tire Society would like to support the Bike and Brew and La Tierra Funds.

6. COMMUNICATIONS FROM OTHER AGENCIES

a.) MPO Report

Mr. Aune updated the Board on the issues from the last meeting.

Mr. Aune met with the Parks Department who seems to be on board with the concept. Ashbaugh Park would be ideal for this project. They are considering a bond and this may fall in line with that. Mr. Pacheco suggested contacting Safer NM as a partner.

Ms. Robinson agrees the location is ideal. However, the crossing near the park needs some attention.

Mr. Aune states NMDOT has been looking at improving that intersection. There are funds to help with some of the underpass project as well.

Mr. Cooley would like to see the plans for improving that crossing. Mr. Aune will provide once those are available, this project may be a few years away.

Councilor Maestas asked Mr. Aune to provide a paper plan of the project. He will get the groundwork started and update the Board next month.

A brief discussion was held about funding and the time it takes to approve pre-construction and the idea City Council has now is to approve things separately. Perhaps CIP funds can be used for the actual construction work.

Mr. Aune reported his meeting with Mr. Abbatacola and Mr. Lemon who was interested in bicycle parking areas downtown. They walked around and saw some potential areas for a project. They will meet regularly to figure out the long range visions. If any other member of the Board is interested in attending the meetings they are welcome. He will update the Board next month.

Mr. Aune reported meeting with the GIS Department who provided him with a conceptual map to show the interactive aspects. It may show past, present and future projects.
Mr. Aune stated there will be a Senate Joint Memorial to honor work throughout the next decade this year at the Session. He has a copy if anyone is interested.

b.) City Trails Coordinator Report

Mr. Rogers left early, however Ms. Sandra Noss will present his report. (See Exhibit A)

Ms. Noss reported the work done on the way finding signs on the Dale Ball Truila is complete.

Ms. Noss reported there is another trail near Arroyo Polay on Upper Canyon Road. There is an area near the trail head for sale which goes up the Dorothy Stewart trail. They would like to get that as an official trail. In Las Estrellas there are some unofficial trails that need to be made official.

Ms. Robinson asked if there will be room for parking at that trail head. Ms. Noss stated they are working with the landowner on that issue.

Councilor Maestas stated he was approached by the Upper Canyon Association about the old sand filtration plant. It has been knocked down and he wants to make sure that its cleaned up well. Ms. Noss will have Mr. Rogers check if there is to be any trail rerouting.

Mr. Bonwell stated the Natures Conservancy is going to buy the materials needed to reroute the trail.

Councilor Maestas would like to see the plans.

7. INFORMATION/DISCUSSION & ACTION

a.) Resolution of conflict with February 15, 2017 Mayor's State of the City Address/BTAC

Mr. L. Pacheco stated the February meeting conflicts with the Mayor's State of the City Address. A discussion was held and a date was confirmed to reschedule.

MOTION: Mr. Pacheco moved to hold the February meeting on Monday, February 13, 2017 at the same time at the Market Street Offices at the Railyard with a second from Mr. Cooley which passed by voice vote.

b.) League of American Bicyclists – Gold Application Status Update

Mr. Aune reported on behalf of Mr. Siqueiros. He stated the application in on track.

c.) Report on La Tierra Trails Master Plan Projects and Remaining NWQ budget

MOTION: Mr. Pacheco moved to move Item 7c before 7a due to the public in attendance with a second from Ms. Robinson which passed by voice vote.

Mr. Herdman explained the La Tierra Master Plan was adopted in 2011. It's a very well developed master plan which got a lot of public input. The City Resolution and the Master Plan are included (See Exhibit B).

Staff put together a priority list and BTAC approved it. In 2014 it was determined there was a surplus and several projects were left incomplete.

Mr. Herdman explained the multi-use of the trail. The motocross area was incorporated as an alternative to deter the unlawful use of ATV's on other trails. The trail has earned a Silver rating and has been recognized nationally.

There are some emails that Mr. Herdman received with input on where people would like to see the money used.

Mr. Herdman discussed the area from the dog park to the lower portion near 599. The City built a bike lane up Las Montoyas that gets you to the dog park but nothing under 599. Some ideas received are for the following:

Shade structures

Spectator areas

Storage sheds- for the Jump areas

Water source to maintain to water the jumps

Although the Board can't prioritize the projects perhaps there can be a Public Hearing to hear more items. Mr. Herdman offered to create a spreadsheet to organize the ideas.

Ms. Grogan asked the timeline and what projects are still incomplete. Mr. Herdman states that it difficult to read the items and the plan.

Mr. Bonwell explained where the trails are. There is a new subdivision where they have trails in that area. Most of the easements are in the arroyos. They are going to work with the subdivisions while developing so the trails aren't left until the very end of the process.

Mr. Herdman reported the area where the trail will go has been taken over by illegal dumping. Ms. Robinson asked if the entire amount of surplus can be used for one large item. Mr. Herdman stated the process should not be rushed. To honor the resolution and the public input.

Mr. Pacheco stated this item has been discussed for a while now and it should be a priority. If staff can look at the list and prioritize the items, it would be great. Mr. Herdman is unsure on the amount needed for this project.

A discussion was held about a bond for some items. Mr. L. Pacheco stated there was an estimate done previously if they would like to go off of that.

Mr. Newhall (601 West San Mateo) stated his organization offered to help build the trail about 3 years ago. He believes it can be done very inexpensively, all that will be needed is the archeology search.

Mr. Herdman likes that idea, perhaps Mr. L. Pacheco can provide the estimate with a portion done with volunteers and all other costs. Mr. L. Pacheco will check into the scope for an urban trail to a city trail and also the ADA requirements and right of way issues. The master plan went through the Mayor's Committee on Disability. He will check with the Legal department.

Mr. Abbatacola asked about signage on the trail. Mr. L. Pacheco stated it was on the priority plan. Mr. John Branch with I Ride NM discussed the fact that the trails are getting nationally recognized the money should be used to reflect the reputation. There is an RTP grant available.

MOTION: Mr. Pacheco moved that the BTAC request staff provide an estimate for the trail from the dog park to the 599 and update the board if there is an affordable way to stay within budget with a second from Mr. Herdman which passed by voice vote.

Mr. Pacheco thanked the public in attendance and if there is a public hearing he hopes they all attend.

8. BTAC SUBCOMMITTEE UPDATES

a.) On Road Subcommittee

Mr. Abbatacola reported the Route 66 exploratory ride has had to be rescheduled due to the snow. He thanked Mr. Aune for the meeting with Mr. Lemon.

b.) Off Road Trails

Nothing to report.

c.) Going for the Gold

A discussion was held about the application date. There is a date for later in the year. They will get it confirmed with Mr. Siqueiros.

Mr. Newhall announced Bike Santa Fe will be offering the Smart Cycling Classes. They will be in May and it may help with the application. There have been 3 members who have taken the class so far.

9. STAFF COMMUNICATIONS

a.) Trails Projects Status Update

Mr. L. Pacheco reported the ENN for the Canada Rincon project is going to be held on February 7, 2017. On February 10, 2017 the bid will open for the bridges over the river crossings behind the School for the Deaf area.

Mr. L. Pacheco stated the new budgets will be reviewed and then he will know which projects can be completed.

Mr. Abbatacola asked for an update on the work on the underpass. He believes they will begin again in April.

A discussion was held about when the Smart Cycling Class will be held. A formal invitation with a date will be sent out and invites will go out to the SFPD Bicycle Unit and the Mayor.

Ms. Robinson stated Bike and Brew and Bike to Work Week is in May as well. Perhaps by then a safe area to use the underpass can be done so they can showcase it.

10. COMMITTEE COMMUNICATIONS

Mr. Herdman discussed the article in a recent newspaper that concerned him. Councilor Maestas and Staff are drafting a memo and will attach a copy of the master plan to it.


11. COMMUNICATIONS FROM THE CHAIR

A brief discussion was held about the RTP Grant and when it can be applied for. Mr. L. Pacheco will find out.

12. ADJOURN

There being no further business to come before the Bicycle and Trail Advisory Committee adjourned at 7:28 p.m.

SIGNATURES

A handwritten signature in black ink, appearing to be 'J Maestas', followed by a horizontal line and the word 'for' written in cursive.

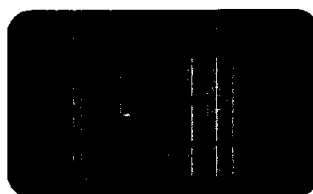
Councilor Joseph Maestas, Chair

A handwritten signature in black ink, appearing to be 'Linda Vigil', followed by a horizontal line.

Linda Vigil, Stenographer

SANTA FE CONSERVATION TRUST
REPORTING FOR CITY TRAIL VOLUNTEER COORDINATOR
December 2016

TASKS TO BE COMPLETED	NOTES	Staff
1) <u>NEEDS ASSESSMENT</u>	Continue to assess supplemental signage and maintenance needs in Dale Ball Trails in conjunction with junction signage project.	Rogers
2) <u>RESEARCH & FUNDING</u>	Continue research in preparation for possible Doppelt Grant application; discussion of trail development efforts with Santa Fe Garden Club; pursue additional support for Passport to Trails activities.	Rogers, Noss
3) <u>STEWARD RECRUITMENT</u>	Promote Dale Ball signage work days through e-mail, SFCT and TAOSF web sites and at TAOSF meeting.	Rogers
4) <u>TRAIL MAINTENANCE</u>	Coordinate and manage Dale Ball work days on Dec. 8 and 15, focusing on completing wayfinding arrows on the west side of Dale Ball / Central Section (JCT's 11-12 and 18-21); additional wayfinding signage work outside of work days.	Rogers
5) <u>TRAINING & EDUCATION</u>	On-line training from ESRI in Geographic Information Systems (ArcGIS)	Rogers
6) <u>COMMUNITY EVENTS / PROMOTION</u>	Enter local trails into RTC "Trailink" database. Advise and arrange Tierra Encantada Charter School field trip to Picacho Peak. Distribute information on Tour de Mural. Update links to Happy Trails articles on TAOSF web site. Update trail material and links on SFCT web site. Provide comments on Adventure Maps trail maps of Santa Fe. Discuss Bike and Event and related trail promotion with Tim Fowler of SFFTS; discuss potential "gravel grinder" event with Clemente McFarlane. Discuss River Trail improvements with citizen.	Rogers
7) <u>CITY CONTACTS</u>	Provide City staff and consultant with additional input on transportation element of Sustainable Santa Fe Plan. Prepare and share report to City and BTAC on activities in November. Provide Parks Dept and Pronto signage with information for final wayfinding signage purchase; meet with Parks to pick up on Dec. 13. Meet with Richard Thompson and Rob Carter of Parks and Recreation in field on Dec. 14 to consider possible City role in pursuing preserving open space around (1) Rail Trail at "Rail Triangle" - the remnant of the Bruns Army Hospital Rail Line at the Arroyo de los Pinos, south of St. Michael's Dr. - and (2) Arroyo Polay connecting Upper Canyon Rd. to Dale Ball and Dorothy Stewart Trails (at JCT 44). Inquire with City Land Use and Planning about ENN meeting in Las Estrellas scheduled for Jan. 4. Additional input to BTAC on roads subcommittee on Dec 16.	Rogers, Yeomans



SANTA FE CONSERVATION TRUST
REPORTING FOR CITY TRAIL VOLUNTEER COORDINATOR
December 2016

8) <u>PLANNING / COORDINATION</u>	Scope out and flag potential Dog Park connector route with SFFTS and TAOSF members; Review environmental assessment for El Camino Real Trail. Prepare 2017 events calendar and work plan for development of trails. Discuss Acequia Trail extension west of Siler with Daniel Werwath.	Rogers
9) <u>REPORTS</u>	Report trail volunteer hours on Trails Alliance web site; Prepare November report for BTAC and City; Create and update SFCT web material on trail events. Prepare/finalize and post year-end and three-year summary summaries of data on field trips and trail volunteer hours (see links below).	Rogers

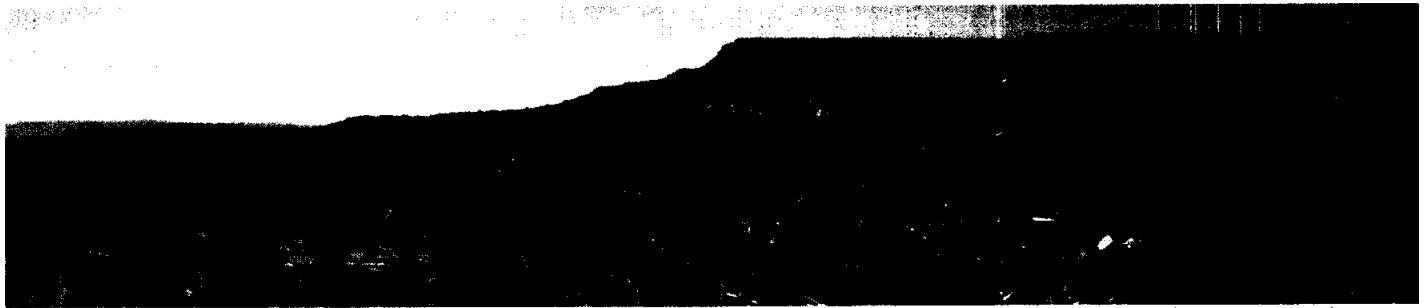
Also see: <http://www.sfct.org/trails/sfct-trail-events-in-2016>

Completing Dale Ball Wayfinding Signage, November – December
Year-End Summary for 2016

Summary of Trail Work Days, 2014 to 2016

Summary of Field Trips, 2014 to 2016

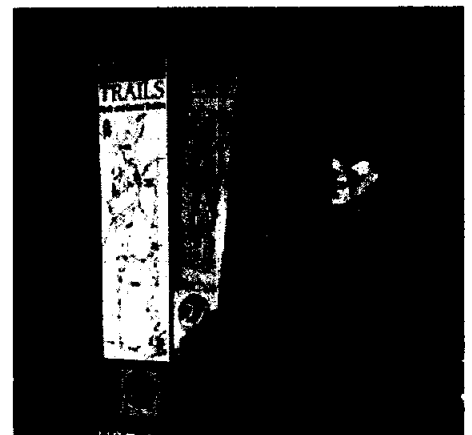
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SFCT Trail Events in 2016

In 2016, the Santa Fe Conservation Trust organized and supervised over 30 trail maintenance work days in Dale Ball Trails, nine work days in La Tierra Trails, four to create a connection from the Spur Trail to Santa Fe Community College, and three to re-build a footbridge at the end of Camino de las Animas with members of the Santa Fe Fat Tire Society. In addition, the Trail Alliance of Santa Fe helped SFCT in its role as “City Trail Volunteer Coordinator” by organizing and supervising eight more work days in La Tierra Trails.

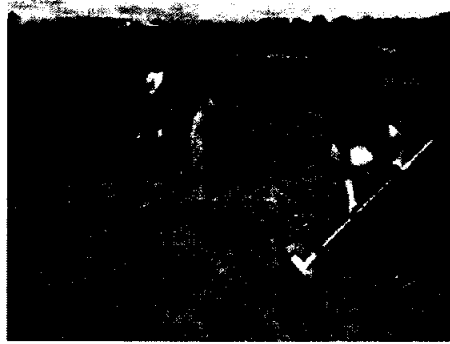
One of the greatest accomplishments of the year was to finally replace the fading junction signs in Dale Ball Trails, and to supplement those signs with a more comprehensive set of “arrow” wayfinding signs to help trail users find their way around. Working in conjunction with the County, and thanks to support from the City Parks Division and the Trails Alliance of Santa Fe, together we put up fifty new, durable and attractive junction signs with maps, including several new junctions in Dale Ball Trails and six more along the La Piedra and Little Tesuque Trails. Thanks go to our volunteers for taking on this big chunk of “non-traditional” trail work. As we were reminded many times out on the trails, local trail users and visitors to Santa Fe appreciate these long-anticipated improvements.



New Dale Ball Junction Signs

Other trail highlights of 2016 include creating a new connection in Dale Ball Trails across the Santa Fe River, to be completed and formally opened in 2017, which allows trail users to avoid walking along Cerro Gordo Rd., and a significant trail re-route in the northwest corner of La Tierra Trails that is intended to help users stay out of muddy flat areas.

The SFCT Trails Program can take credit for organizing over 600 volunteer work hours for city trails in 2017 and 60 more for the Spur Trail connector, which was developed as a "Grand Unified Trail System" demonstration project with the support of Santa Fe County's Volunteer Coordinator, students from The Masters Program, and Santa Fe Community College.



Spur Trail Connector to SFCC



Connecting Dale Ball Central with Dale Ball South

SFCT activities to promote our trails included assistance with Bike to Work Day and the Bike and Brew Festival, organizing a Bike to School celebration at SFCC, two National Trails Day celebrations with hikes, three "Community Cruise" bicycle rides, and two Grand Unified Trail System "Study Rides."

With support of the Lineberry Foundation, we hit full stride in the "Passport to Trails" program by leading thirty field trips for local schools or City Summer Campers, taking over 600 individuals out to Dale Ball Trails or Atalaya Trail in 2016. Our final field trip of the year included the 1,000th time we have taken a kid out to local trails since these activities began in 2014!



Tour de Mural

For summary data for the year on trail work days, field trips, and other promotional activities, see Year-End Summary for 2016.

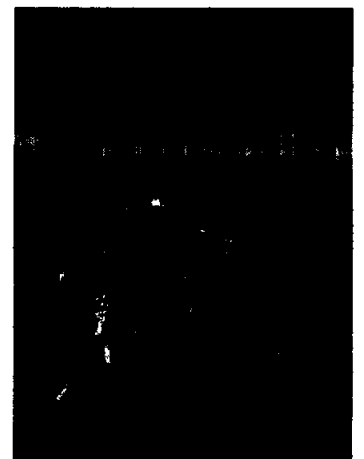
Links below describe how each event in 2016 went. For information on upcoming trail events, see SFCT's Events page or take a look at the TAOSF calendar.

Dale Ball South Work Days, March 24 and 31

Spur Trail Connector at Santa Fe Community College, April 15 and 22

Dale Ball Connector to Cerro Gordo Trailhead, with Dale Ball South maintenance, April 26

– June 21



Grade-schoolers hamming it up at the La Piedra Trail overlook

Bike to School Day at Santa Fe Community College, with "Grand Unified Trail System Study Ride," May 4

Field Trips for Camino Real Academy, Nina Otero Community School, and Tierra Encantada Charter School, May 5-18

CommUnity Cruise, May 14

Camino de las Animas Footbridge, with SFFTS, May 17

Magical History Cruise (Bike and Brew), May 21

National Trails Day Celebrations, June 3-4

Hike with City Summer Campers, June 9

Hikes with City Summer Campers, June 20 and 23

Dale Ball South Work Days, June 21 and 28

Hike with City Summer Campers to Atalaya Mtn., July 11

La Tierra Trails Work Days, July 12, 19, and 26

Trail Work Demonstration and Hike to Picacho Peak with City Summer Campers, July 29

La Tierra Trails Work Days, Aug. 5, 12, 17, and 24

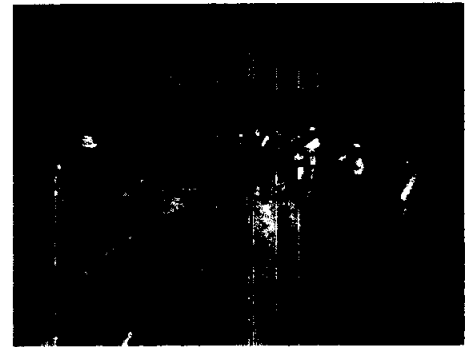
Dale Ball Trails South Work Day, Aug. 31

Posting Dale Ball Signage, September – October

Tour de Mural, Oct. 8

Capital High School Outdoors Club, Dale Ball Trails Work Day, Oct. 14

Field Trips to Dale Ball Trails for Camino Real Academy and Nina Otero Community School, October 11-27



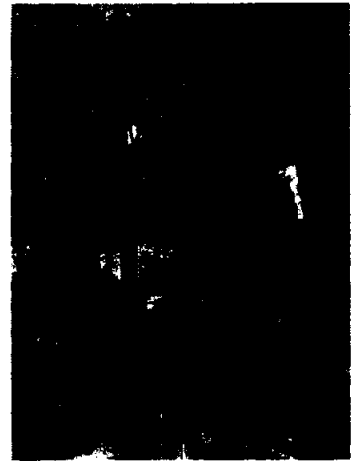
La Tierra Trails Re-route



Happy City Summer Camper in Dale Ball Trails

National Park Service Centennial & Camino Real Trail Celebration, with “Grand Unified Trail System” Study Rides, Oct. 22

Completing Dale Ball Wayfinding Signage, November – December



Capital High School Outdoors Club helps
out with signage on Dale Ball Trails

Santa Fe Conservation Trust 

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**Santa Fe Conservation Trust
Trails Program Summary, 2016**

Trail Volunteer Work Days in 2016

<u>Location / Activity</u>	<u># of days</u>
Dale Ball Trails	32
<i>DB Central</i>	7
<i>DB North</i>	7
<i>DB South</i>	7
<i>DB Connector Trail</i>	11
La Tierra Trails	9 *
Move Contents of Storage Space	1
Bike to Work Day	1
Camino de las Animas Bridge	3
Spur Spur	4
	<hr/>
TOTAL	50 *

** - Nine additional City Trail work days were coordinated by Trails Alliance of Santa Fe, primarily in La Tierra Trails*

**Volunteer Hours for
Trail Volunteer Work Days in 2016**

<u>Location / Type of Work Day</u>	<u>Hours</u>
City Trails and Open Space	596 *
Promotional Events for City Trails	8
Spur Spur	61
	<hr/>
TOTAL	665 *
City Trails	604 *
Spur Spur	61
	<hr/>
TOTAL	665 *

** - 45 additional hours of work on City Trails were coordinated by Trails Alliance of Santa Fe*

**Santa Fe Conservation Trust
Trails Program Summary**

**Field Trips, Tours, and Celebrations of Trails
2016**

	<u># of events</u>	<u># of Participants</u>
School / Camp Field Trips	30	637
Celebrations with Hikes	2	38
Bicycle Tours	6	123
Total	38	798

Summary of School & Camp Field Trip in 2016

<u>By School / Camp</u>	<u># of trips</u>	<u>participants</u>	<u>kids</u>	<u>adults</u>
El Camino Real Academy, 4th and 5th Graders	13	278	249	29
Nina Otero School, 4th and 5th Graders	10	260	226	34
Tierra Encantada Charter School, MS/HS	1	21	19	2
Capital High School Outdoors Club	1	14	12	2
City Summer Camps	5	64	53	11
Total	30	637	559	78

<u>By Destination</u>	<u># of trips</u>	<u>participants</u>	<u>kids</u>	<u>adults</u>
Dale Ball Trails	29	616	540	76
Atalaya	1	21	19	2
Total	30	637	559	78

Celebrations, Other Field Trips, and Bike Tours in 2016:

	<u>Approx. participants</u>
5/4/2016 Bike to School Day at SFCC	20
5/14/2016 Community Cruise	22
5/20/2016 Bike-to-Work Day: Convoy to SFCC & GUTS Study Rides	15
5/21/2016 Magical History Cruise	20
6/4/2016 National Trails Day / Camino Cruz Blanca Trail Hike	8
6/5/2016 Natl. Trails Day / Dale Ball Remembrance / Hike to La P	30
10/8/2016 Tour de Mural Community Cruise	40
10/22/2016 NPS Centennial / Ride to Camino Real Trail Celebration	6
Eight Events	Total 161

Thanks to Support from:

City of Santa Fe
Lineberry Foundation
Larsen Fund

1 **CITY OF SANTA FE, NEW MEXICO**

2 **RESOLUTION NO. 2011-46**

3 **INTRODUCED BY:**

4
5 **Councilor Bushee**

6 **Councilor Calvert**

7
8
9
10 **A RESOLUTION**

11 **ADOPTING, AS CITY POLICY, THE LA TIERRA TRAILS MASTER PLAN FOR USE**
12 **BY THE CITY AS A GUIDE FOR DEVELOPMENT OF CITY WILDERNESS TRAILS**
13 **AND OPEN SPACE IN THE NORTHWEST QUADRANT.**
14

15 **WHEREAS**, on April 30, 2008, the Governing Body of the City of Santa Fe adopted
16 Ordinance No. 2008-22, authorizing the issuance of general obligation bonds in the amount of
17 \$20,000,000.00 to acquire land for, and to improve parks, trails, and open space for recreational
18 purposes, of which \$2,965,328.00 was later designated for the Northwest Quadrant Open
19 Space/Trails under the 2008 Parks Bond Implementation Plan; and

20 **WHEREAS**, the City developed a Priority Plan for the Northwest Quadrant Trails in
21 May 2009, with extensive stakeholder participation including the general public; and

22 **WHEREAS**, the Priority Plan identified five priorities for the Northwest Quadrant Open
23 Space/Trails funding including: developing a master plan for trails; establishing access control to
24 prevent illegal trespassing; providing clean up of trash in many sites where illegal dumping has
25 occurred; providing trail signage for user safety and way-finding; and providing connections

1 between the Northwest Quadrant trail system, and the surrounding neighborhoods; and

2 **WHEREAS**, the City of Santa Fe, in cooperation with the Santa Fe Public Schools and
3 other proximate private property owners, has conducted an extensive community-oriented public
4 process, for developing a trails master plan for the La Tierra Trails system; and

5 **WHEREAS**, the La Tierra Trails system is located on 1,500 acres of public land in the
6 Northwest Quadrant of Santa Fe just three miles northwest of the Plaza and close to many Santa
7 Fe residential neighborhoods as depicted in Exhibit A, attached hereto; and

8 **WHEREAS**, the La Tierra Trails area provides a network of trails for at least five
9 distinct user groups (hiker/trail runners, mountain bikers, equestrians, BMX/dirt jumpers,
10 ATV/MX riders) who were identified and who share the area as depicted in Exhibit B, attached
11 hereto; and

12 **WHEREAS**, the La Tierra Trails Master Plan will formalize the 25+ miles of trails into a
13 cohesive trail system with three distinct technical areas and guide the development of the trails
14 and open space areas; and

15 **WHEREAS**, the La Tierra Trails Master Plan includes additions or modifications to
16 existing internal trails, trailheads, and access points and also identifies future connections to local
17 and regional trails as depicted in Exhibit C, attached hereto; and

18 **WHEREAS**, with the exception of a designated ATV/BMX Park located in the
19 southwest corner of the site, the remainder of the La Tierra Trails system will prohibit
20 recreational motorized vehicles and use of the recreational area will be in accordance with
21 existing city code with respect to parks and open space; and

22 **WHEREAS**, the La Tierra Trails Master Plan has identified a prioritized list of projects
23 for development of the trails into a cohesive network as described in Exhibit D, attached hereto.

24 **NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING BODY OF THE**
25 **CITY OF SANTA FE** that the La Tierra Trails Master Plan is approved and adopted as City

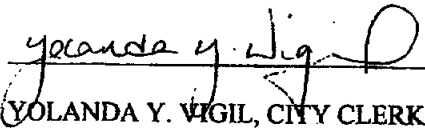
1 policy for use by the City as a guide for development of City wilderness trails and open space in
2 the Northwest Quadrant.

3 PASSED, APPROVED, and ADOPTED this 14th day of September, 2011.
4
5

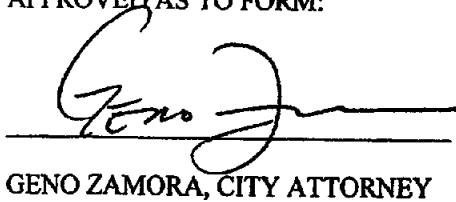
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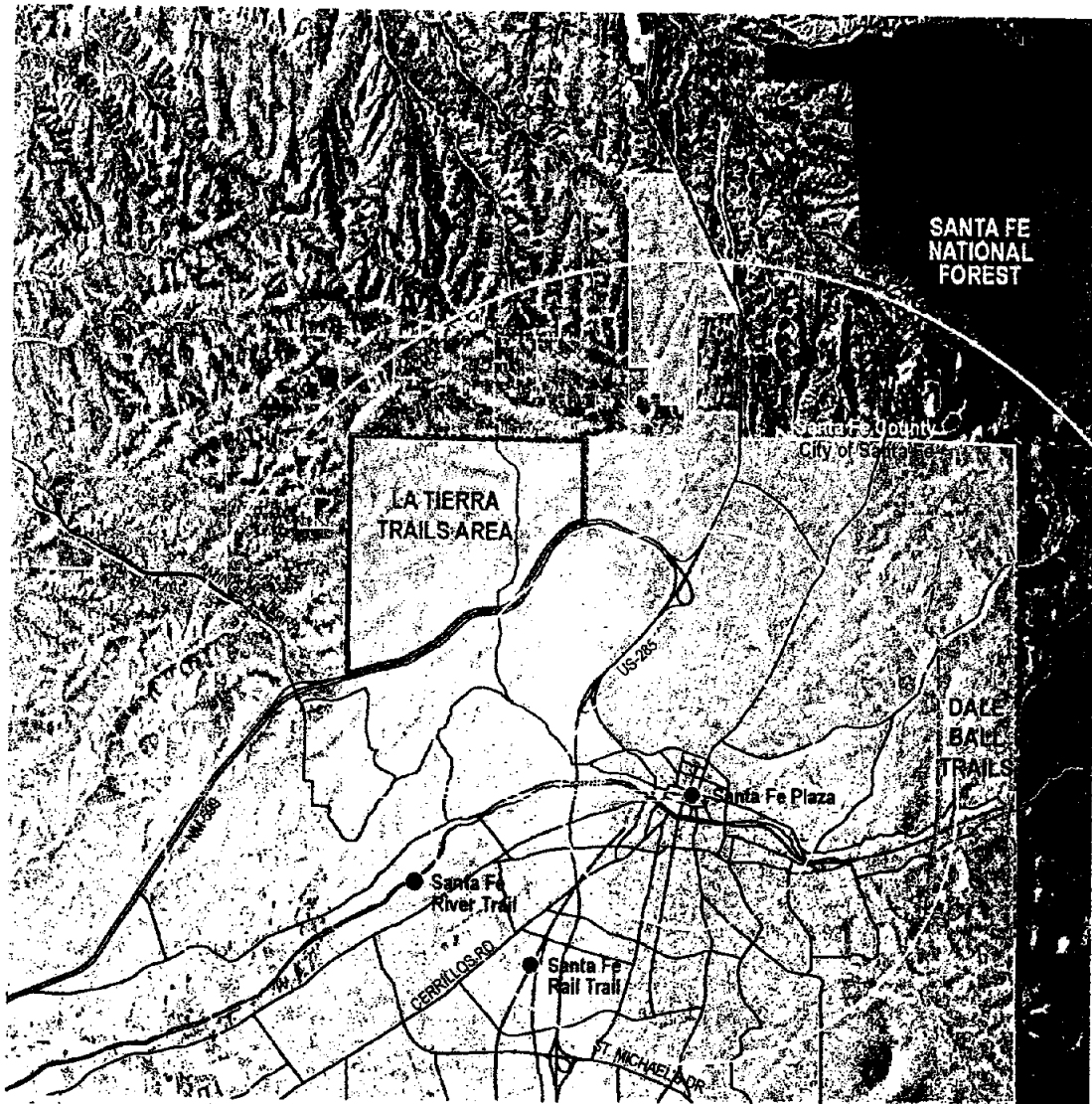
7 ATTEST:

DAVID COSS, MAYOR

8
9 
10 YOLANDA Y. VIGIL, CITY CLERK

11 APPROVED AS TO FORM:

12 
13
14 GENO ZAMORA, CITY ATTORNEY



LEGEND

LA TIERRA TRAILS AREA
 SANTA FE NATIONAL FOREST
 CITY OF SANTA FE
 MAJOR ROAD
 PLANNED
 SANTA FE TRAILS AREA



ANALYSIS MAPS

design office • david hays rail contracting inc. • wilson & company

REGIONAL CONTEXT MAP

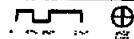
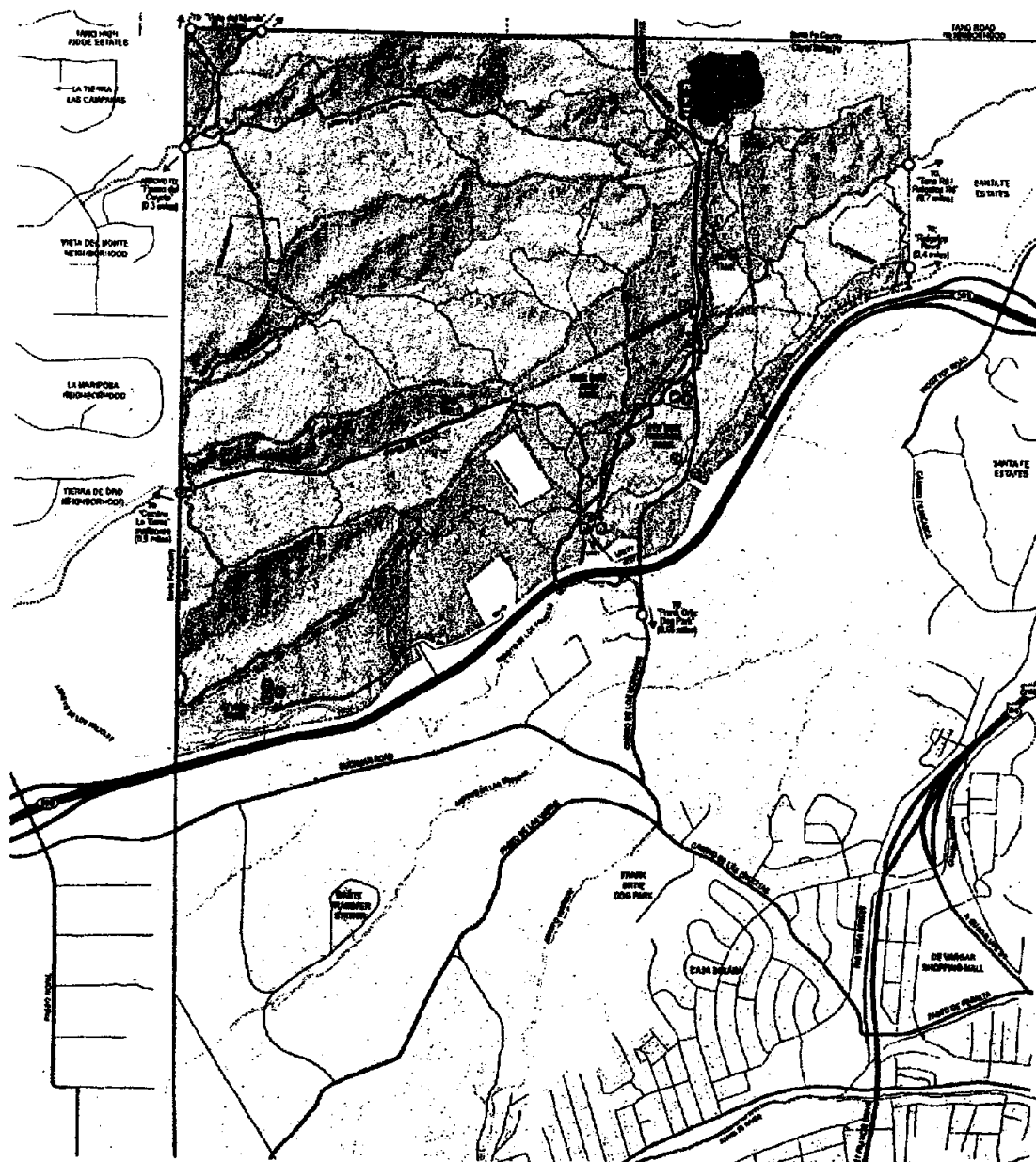


EXHIBIT A



LEGEND

- [illegible]

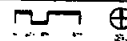
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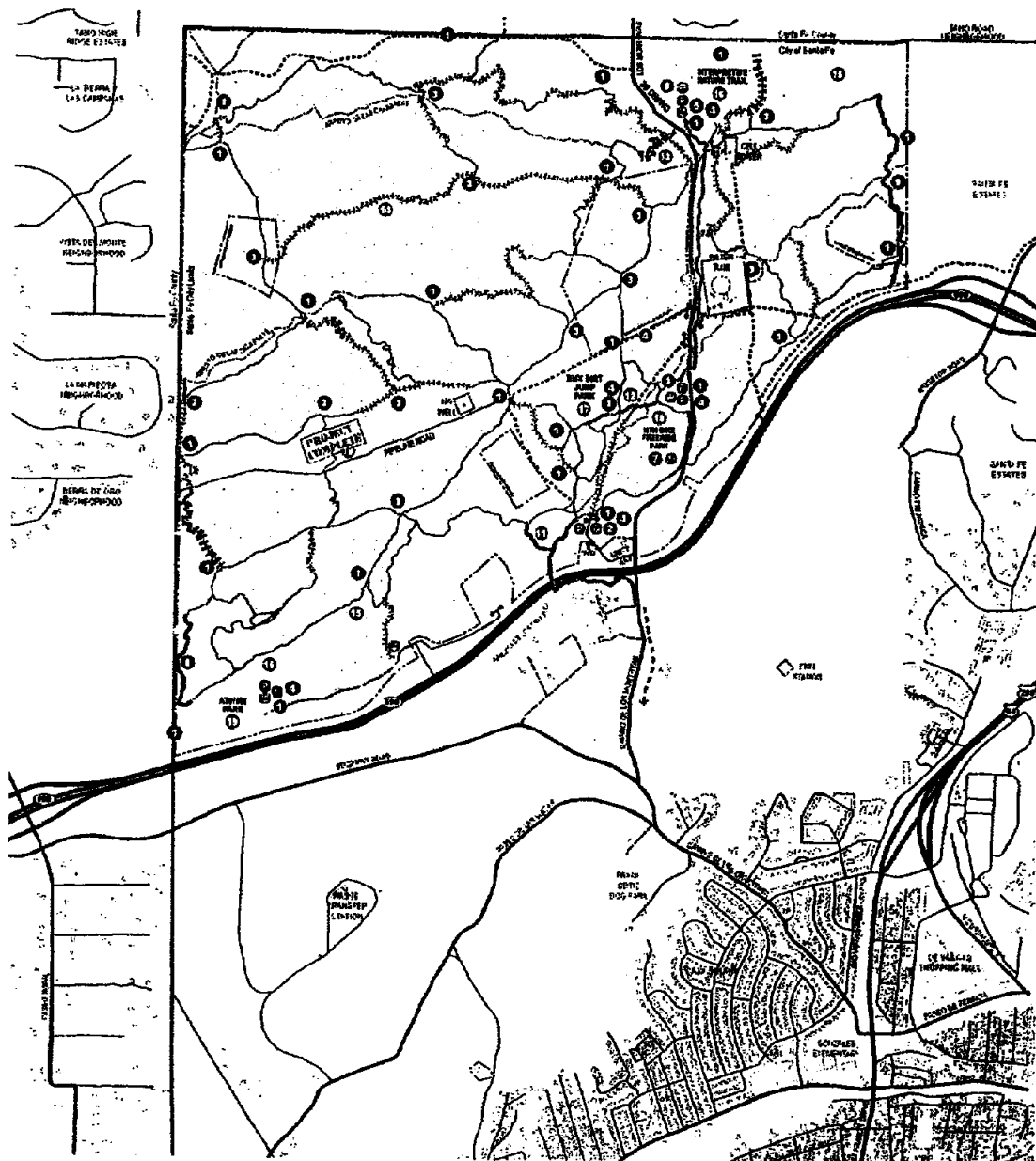


TRAILS MASTER PLAN

design office • donald hays trail construction, inc. • wilson & company

TRAILS MASTER PLAN MAP





LEGEND

- Major Road Project/Corridor
- Local Project/Link
- City Loop/Roadway
- High Road
- State Road
- Minor Road/Project
- Private Road/Project
- Interstate and Through Link
- Trail Link

Li Time/Cost/Impact

- Low
- Medium
- High
- Very High

- Proposed Trail/Link/Corridor
- Existing/Planned Trail
- Existing/Planned Road
- Proposed/Planned Road
- Proposed/Planned Road
- Proposed/Planned Road

Proposed/Planned Corridor/Project

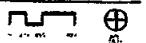
- Proposed/Planned Corridor/Project
- Proposed/Planned Corridor/Project
- Proposed/Planned Corridor/Project
- Proposed/Planned Corridor/Project
- Proposed/Planned Corridor/Project

Notes:
 1. The map shows the proposed trail network for the City of Santa Fe. The map is not to scale and is for informational purposes only. The map is not a legal document and should not be used for legal purposes. The map is subject to change without notice.



TRAILS MASTER PLAN
 designed by: [Name] trail center, inc. - [Address] & company

PROPOSED TRAIL IMPROVEMENTS MAP



DRAFT TRAILS MASTER PLAN PROJECTS LIST

PROJECT INVENTORY FOR THE NORTHWEST QUADRANT TRAILS

Five Priority Categories for Future Expenditures

- Trail Master Plan** - Le Tiers Trail - improvement projects
- Access Control** - fencing, gates, closures
- Trail Connections** - regional multi-use trail - regional trailheads
- Clean Up** - large trash cleanup
- Trail Signage** - signage plan, design + placement of signs

Cost Estimates: The project costs are based on the current market conditions and are subject to change. The project costs are based on the current market conditions and are subject to change.

Priority Project Selection: The project selection is based on the current market conditions and is subject to change. The project selection is based on the current market conditions and is subject to change.

Environmental Sensitivity: The project selection is based on the current market conditions and is subject to change. The project selection is based on the current market conditions and is subject to change.

Implementation Timeline for Future Projects

- Planning + Design + Approvals**
- Construction + Implementation**

No.	Project Name	Project	Estimate	Timeline
ACCESS CONTROL				
1	Le Tiers Trail - Access Control	Le Tiers Trail - Access Control	\$1,200,000	
CLEAN UP				
2	Le Tiers Trail - Clean Up	Le Tiers Trail - Clean Up	\$100,000	
SIGNAGE				
3	Le Tiers Trail - Signage	Le Tiers Trail - Signage	\$100,000	
4	Le Tiers Trail - Signage	Le Tiers Trail - Signage	\$100,000	
5	Le Tiers Trail - Signage	Le Tiers Trail - Signage	\$100,000	
CONNECTIONS				
6	Le Tiers Trail - Connections	Le Tiers Trail - Connections	\$100,000	
7	Le Tiers Trail - Connections	Le Tiers Trail - Connections	\$100,000	
8	Le Tiers Trail - Connections	Le Tiers Trail - Connections	\$100,000	
MASTER PLAN				
9	Le Tiers Trail - Master Plan	Le Tiers Trail - Master Plan	\$100,000	
10	Le Tiers Trail - Master Plan	Le Tiers Trail - Master Plan	\$100,000	
11	Le Tiers Trail - Master Plan	Le Tiers Trail - Master Plan	\$100,000	
12	Le Tiers Trail - Master Plan	Le Tiers Trail - Master Plan	\$100,000	
13	Le Tiers Trail - Master Plan	Le Tiers Trail - Master Plan	\$100,000	
14	Le Tiers Trail - Master Plan	Le Tiers Trail - Master Plan	\$100,000	
15	Le Tiers Trail - Master Plan	Le Tiers Trail - Master Plan	\$100,000	
16	Le Tiers Trail - Master Plan	Le Tiers Trail - Master Plan	\$100,000	
17	Le Tiers Trail - Master Plan	Le Tiers Trail - Master Plan	\$100,000	
18	Le Tiers Trail - Master Plan	Le Tiers Trail - Master Plan	\$100,000	
19	Le Tiers Trail - Master Plan	Le Tiers Trail - Master Plan	\$100,000	
20	Le Tiers Trail - Master Plan	Le Tiers Trail - Master Plan	\$100,000	
21	Le Tiers Trail - Master Plan	Le Tiers Trail - Master Plan	\$100,000	
22	Le Tiers Trail - Master Plan	Le Tiers Trail - Master Plan	\$100,000	
23	Le Tiers Trail - Master Plan	Le Tiers Trail - Master Plan	\$100,000	
24	Le Tiers Trail - Master Plan	Le Tiers Trail - Master Plan	\$100,000	
25	Le Tiers Trail - Master Plan	Le Tiers Trail - Master Plan	\$100,000	
26	Le Tiers Trail - Master Plan	Le Tiers Trail - Master Plan	\$100,000	
27	Le Tiers Trail - Master Plan	Le Tiers Trail - Master Plan	\$100,000	
28	Le Tiers Trail - Master Plan	Le Tiers Trail - Master Plan	\$100,000	
29	Le Tiers Trail - Master Plan	Le Tiers Trail - Master Plan	\$100,000	
30	Le Tiers Trail - Master Plan	Le Tiers Trail - Master Plan	\$100,000	



TRAILS MASTER PLAN

design office - donald hay trail architect, inc. - wilson & company

PROPOSED PROJECTS + IMPLEMENTATION TIMELINE

JAY 2011

EXHIBIT D

Leroy's Copy

LA TIERRA TRAILS

TRAILS MASTER PLAN

MASTER PLAN + DESIGN GUIDELINES



produced for the City of Santa Fe

design office . Wilson & Company, Inc. . Donald Hays Trail Contractor, Inc.

arch: p. 33

AUGUST 2011

A. MASTER PLAN

The La Tierra Trails Master Plan offers a vision and guiding framework to transform the La Tierra Trails into a year-round destination for recreational trails use. The Plan is intended to formalize the trails into a logical network that maximizes user enjoyment and minimizes potential conflicts. It can be implemented flexibly in realistic phases, depending on funding and priorities set by the City.

THE VISION

Expanding on existing recreational uses of the site, the La Tierra Trails offers a generous and convenient large-scale site for the exercise, health, and wellbeing of a broad constituency of trail users - as an area that can collectively serve as a wildlife habitat, open space preserve, and recreation zone.

The La Tierra Trails vision and goals were generated through an extensive public process. They reflect public desires and helped to guide the planning and implementation of the project.

Vision

The La Tierra Trails will be a recreational destination for Santa Fe that supports the health and well-being of our people, our community, our economy, and our environment.

Opportunities

The recreational planning of this valuable public asset, gives rise to an array of opportunities that benefit the community. The La Tierra Trails could serve the community:

- to become one of many valued recreation destinations in Santa Fe for residents and visitors alike
- to promote economic development with the expanded recreational area
- to raise awareness and respect for the natural ecology and wildlife of this open space area within the City limits
- to host an array of world-class recreational events at the La Tierra Trails for a range of users

GOALS

Through an extensive master plan public process, a series of goals were identified to guide the development of the plan:

- Acknowledge past users of the site and instill mutual respect among all users.
- Restore, maintain, and enhance the native ecology
- Formalize a cohesive network of trails for a broad range of user groups
- Balance the establishment and use of the trails with a respect for the land and wildlife habitat
- Create clear, safe and consistent connections to the trails from adjacent neighborhoods and to regional trail systems
- Identify the roles and responsibilities of owners and users of the site
- Educate trail users to establish and instill a strong sense of stewardship and personal responsibility for the land.
- Develop a signage plan that will allow safe and enjoyable use of the site



Image 11-1: The winter landscape from the La Tierra Trails

B. TECHNICAL AREAS

Three designated technical areas, or parks, have been identified within the trails master plan for existing user groups. The BMX Dirt Jump Park, the Mountain Bike Freeride Park, and the ATV/MX Park provide recreation areas for trail users with advanced riding skills and proper equipment. To ensure the safety of all La Tierra Trails users, the Master Plan calls for the addition of signage, fencing, perimeter trails, and general area amenities at each of these areas.

As these improvements are implemented at each of the technical areas, the technical areas themselves shall be master planned. Master plans for each technical area shall outline the nature and location of upgrades, prioritize improvement projects, and ensure the plans conform to the master plan and design standards. New tracks or trails proposed in this master plan must be implemented following the proper procedures outlined in *Section II-F: Master Plan Project Implementation*.

Intent

To help provide safe and enjoyable technical areas, technical park areas shall have distinct boundaries and entry points that clearly communicate information about the park, required equipment, and best practices for safety and risk management. Each technical park area design shall consider the full range of individuals who may come in contact with the technical area, including riders with varying skill levels, spectators, and those not interested in entering the area. Each technical park shall provide locations or routes for beginner, intermediate, and advanced skill riders that are clearly marked.



Image III-1: A clearly marked alternate trail is provided next to the more challenging 'optional line'. (Tom Brown Park, Tallahassee, FL)

The extent of technical park interior development should match the capacity to maintain those areas, since technical park features and jumps generally require a higher level of maintenance.

Standards

The following standards were developed with the assistance of the online IMBA article "*Eighteen Steps to Building a Dirt Jump or Freeride Park*".

Plans should be developed for all the technical park areas in order to help guide future design and construction of the areas:

- *Technical Park Area Master Plan*
A master plan of the entire technical park area shall be created to illustrate the proposed layout of use areas and skills level areas. Plans shall be generated in consultation with City staff and technical area users. Where possible, specialty designers should be hired to provide this plan. The plan should include proposed design schemes for expansion areas.
- *Construction Plan*
The creation of a construction plan will help City staff and officials better understand the long-term intentions and goals of each technical trail user group and their associated park areas. The plan should include phases and funding options for the various elements of the park.

All technical park areas should incorporate essential elements into the park designs for both safety and enjoyment:

- *Perimeter Fencing*
Perimeter fencing shall be installed along the edges of the technical area boundaries to designate the limits of technical areas and inform trail users of specialized areas. Fencing types shall follow fence guidelines outlined in *Section II-E: Fencing + Access Gates*.
- *Gathering / Spectator Area*
A gathering / spectator area shall be located centrally with views of technical areas but a safe distance away from them. The gathering / spectator area shall be accessible from the larger trail network, but fenced apart from the technical trails, which will provide safety for spectators. Access to the spectator area should not cross technical area trails.

- **Signage**
Signs shall be placed at all entrances and key points of intersection into the technical areas and within the main gathering / spectator area. Signs should include a map of the technical park area and the basic guidelines and rules for safety and helmet use. Signs should also warn riders of the risk associated with using these areas and provide helpful riding tips, in addition to emergency contact numbers.
- **Maintenance Amenities**
Maintenance amenities and materials to assist with routine maintenance of technical area features should be cited in a convenient location away from technical area features. Amenities such as water tanks shall be located close to multi-use trails or utility easements so water trucks can conveniently refill them with minimum disturbance. Amenities shall follow site amenity guidelines outlined in *Section II-F: Amenities*.
- **Grading + Drainage**
Stormwater should drain away from riding lines. Depressions and low spots between jumps or on pump tracks should be modified so water sheds away from use areas. Parks that provide better grading and drainage of jumps dry out sooner after rainstorms. Direct stormwater in swales towards landscape revegetation areas.
- **Beginner Skills Area**
Beginner skills areas shall be created in a distinctly separate section of the technical park area. Lines or features here should consist mainly of tabletop jumps with possibly one or two lines of semi-tabletops. Jumps in the beginner lines should be between 2-3 feet in height and spaced 5-7 feet apart.
- **Skills Area Progression**
In addition to creating a distinct Beginner Skills Area, it will be important to design jumps and areas that cover a full spectrum of skill levels. This will allow beginners to safely begin using the technical park areas.
- **Incorporate Fall Zones in Technical Features**
Incorporate cleared areas alongside technical features that will act as fall zones for riders unable to clear a difficult trail feature.

Continual repair and maintenance of the technical park areas is essential to the sustained enjoyment and safety of the parks.

- **Maintenance Plan**
A maintenance plan should be included as part of the park Conceptual Drawing and Construction Plan. Develop a Maintenance Plan that lists all features, jump lines, or loops within the park. Develop a system to periodically inspect the elements of the park to ensure proper upkeep and maintenance of the area.

Guidelines

General trail construction guidelines addressed in *Section III-A: Trails* should be followed. This will ensure a consistent and cohesive trail network that is sustainable, easy to maintain, and with the lowest impact on surrounding wildlife and vegetation.

The following information provides best practices and suggested design and building improvements for the technical park areas.

- **Optional Lines**
Incorporate optional lines at particularly difficult obstacles or features which may be too difficult for some riders. Provide a more difficult alternate route outside of the trail flow on easier lines, and provide the more difficult route on the main trail on trails that are flagged as more advanced.
- **Trail Filters**
Incorporate trail filters as a way to announce the entry to a technical trail and serve as an example of the skill level required for certain trails or jump lines. Trail filters are "high-skill-level, low-consequence obstacles" that help to warn un-experienced riders of subsequent skills areas along the route.

Technical Trail Building References

- Eighteen Steps to Building a Dirt Jump or Freeride Park
<http://www.imba.com/resources/freeriding/18-steps-building-dirt-jump-or-freeride-park>
- "Fifteen Tips to Building Excellent Downhill Trails"
<http://www.imba.com/resources/freeriding/fifteen-tips-building-excellent-downhill-trails>
- "How to Build Dirt Jumps"
<http://www.wikihow.com/Build-Dirt-Jumps>

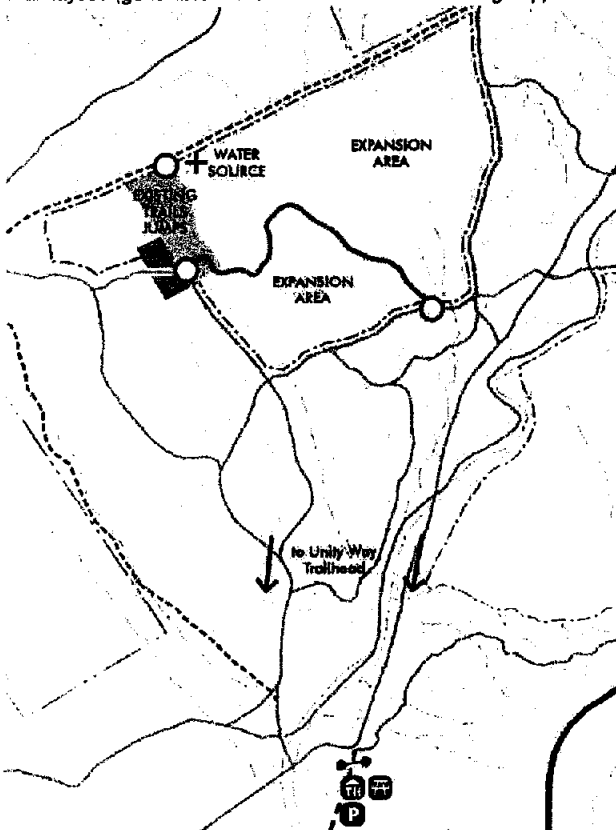
BMX DIRT JUMP PARK

The internal location of the BMX Dirt Jump Park necessitates designing a clearly identifiable and easily accessible entry point for BMX riders. Both major trailheads to the east and south of this area are ca. 0.35 miles from the existing jump area.

The BMX Dirt Jump Park area layout should consider both the organization of perimeter site elements and access as well as internal elements and circulation. The design should prioritize safety. Perimeter site elements include: main access points, signage, fencing, and spectator area(s). Internal site elements that should be logically placed include: maintenance area (convenient to access routes for trucks and for ease of user maintenance), roll-in mound, dirt jump lines / skate park feature locations and configuration, internal non-technical circulation.

Upon final build-out, maintenance supplies should be conveniently and securely located within the technical area. Vehicular access for maintenance will be limited.

Figure III-6: BMX Dirt Jump Park - Proposed conceptual Master Plan layout (generated 12/10 in consultation with focus group)



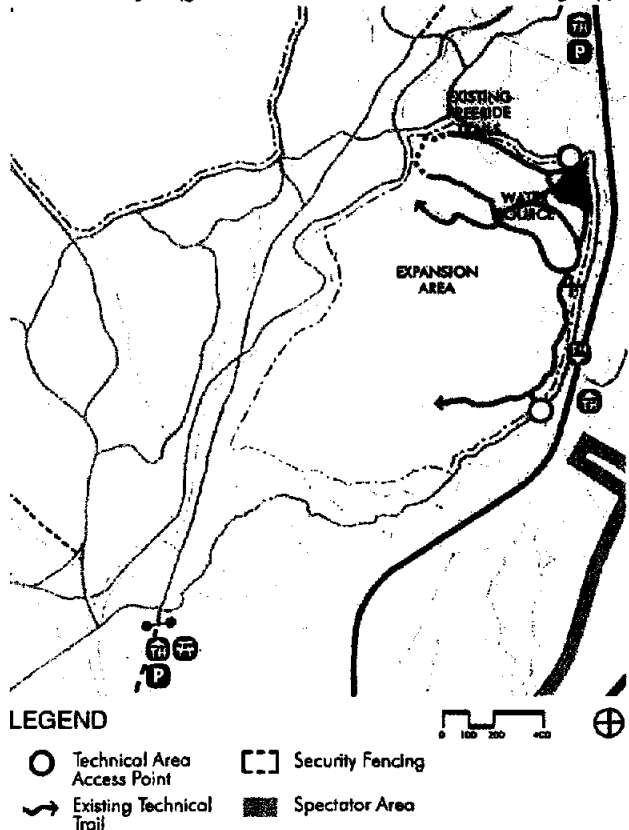
MOUNTAIN BIKE FREERIDE PARK

The Mountain Bike Freeride Park is conveniently located off of Camino de los Montoyas and will have direct access from the new Frijoles Trailhead.

Future improvement plans of the Mountain Bike Freeride Park should include a sufficient buffer along the eastern edge of the park to allow for safe hiker/biker movement between the park and the property boundary. Perimeter and internal improvements should focus on logical organization of park elements, safety of all users, clarity of signage, and ease of maintenance.

A beginner area should be planned in close proximity to the technical area main point of access. A location for maintenance supplies should consider ease of access by City maintenance trucks from the trailhead parking lot or Camino de los Montoyas.

Figure III-7: Mountain Bike Freeride Park - Proposed conceptual Master Plan layout (generated 12/10 in consultation with focus group)



ATV / MX PARK

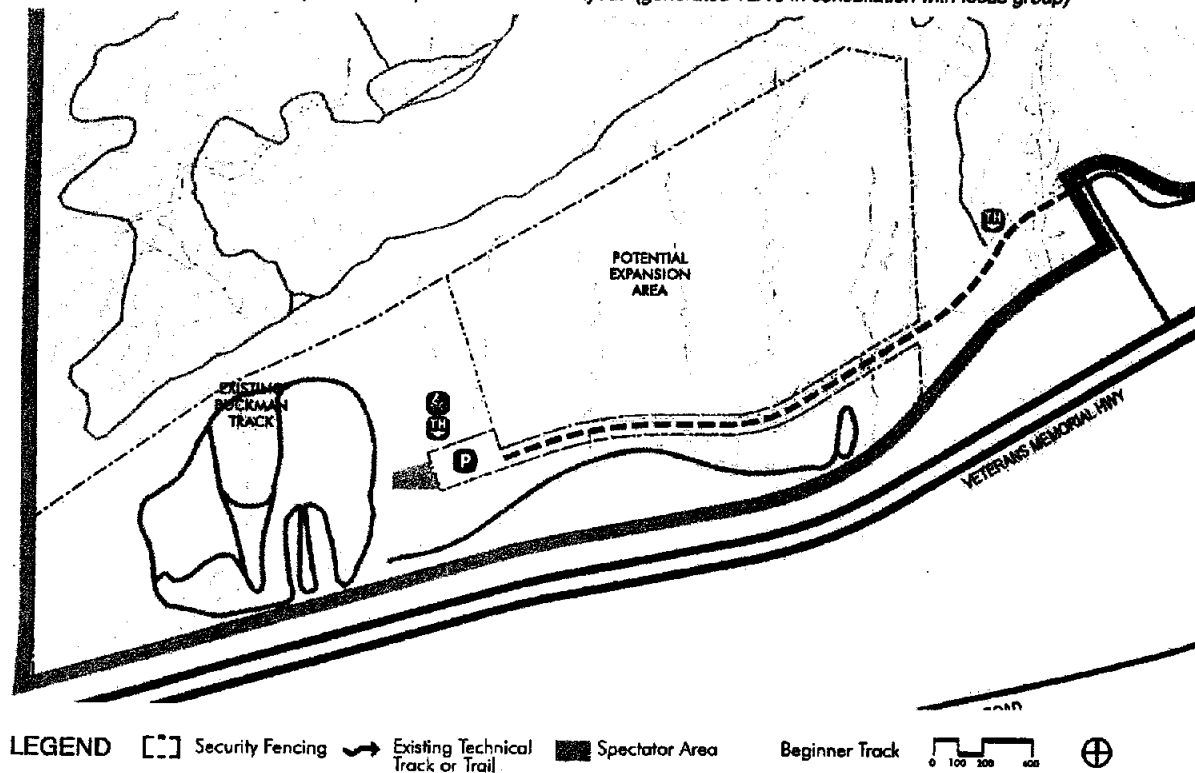
As the first legal ATV/MX Park in the City limits, an opportunity exists to plan the new park in a way that models best practices of safety and enjoyment for all users. Paramount to achieving this is the proper planning, layout, construction, and signage of the area.

While the current track has been in existence for almost 40 years, as the Master Plan is adopted, the park should anticipate a greater number of users of all skill levels. The park should be planned for the safety of all existing and future users and spectators.

Best practices and lessons learned from other municipalities should be followed for park improvements as well as for risk management and maintenance.

The park should clearly separate beginner and spectator areas from remaining park areas, and minimize circulation conflicts between track access and the tracks themselves. A main gathering / spectator area, located next to the parking lot, should allow non-motorized users to view the technical track and its riders. This area should be fenced apart from the technical trails to provide safety for spectators. Signage at the trailhead should provide riders with a comprehensive view of the designated motorized area, explaining the skill levels needed to ride the technical tracks. Signage will also set the rules and guidelines for use of the area, explicitly stating that motorized vehicles are not allowed within the rest of the La Tierra Trail system.

Figure III-8: ATV / MX Park - Proposed conceptual Master Plan layout (generated 12/10 in consultation with focus group)



Frank T. Herdman

From: Tim Fowler <timothyjfowler@gmail.com>
Sent: Tuesday, November 29, 2016 8:36 AM
To: Frank T. Herdman
Cc: Brent Bonwell
Subject: La Tierra Trails - SFFTS ideas

Categories: FOLLOW UP

Frank,

Below are my notes from the La Tierra Trails discussion at the November SFFTS club meeting. While the Dog park to Las Montoyas trail was the highest priority the following bullet points are not necessarily in order of preference.

- * Dog Park to Las Montoyas singletrack connector trail
- * Support for improvements to the "Trash Pits" free-ride park
- * Fence - check and repair perimeter fence to discourage ATV use
- * Trailhead improvements - Potable water, Portapotties, Shade Structures
- * Trail re-routes - improve (add curves to) fall-line trail segments (e.g. 3 - 5, 5 - 13, 12 - 13)
- * Conservation Easements for trails on land parcels to the east and west of La Tierra

Thanks,

Tim Fowler

SFFTS

Frank T. Herdman

From: Coriz, Daniel J., NMDOT <Daniel.Coriz@state.nm.us>
Sent: Tuesday, January 10, 2017 10:17 AM
To: Frank T. Herdman
Cc: Freeride Nation; Kevin Rico
Subject: RE: La Tierra

Hello Frank, these ideas are efforts to help maintenance and improve our parks. if you need details let me know....

SF Dirt Jumps (La Tierra)

1. Water source that functions mid late winter. The current pump has freeze issues up until May where volunteers are building as soon as late January.
2. Retaining walls/ Hardscape to minimize maintenance issues and erosion. Incorporate landscaping to the park for a better appearance.
3. Semi-permanent lips/ take off ramps. Minimize maintenance and H2o usage.
4. Seed disturbed/ unriden areas to minimize thorn vines.
5. Complete the Purdue flow line. This was a downhill beginner/ intermediate flow line that had begun in 2012-13 but ran out of steam.
6. SHADE structures.
7. Incorporate grind ledges with the landscape/hardscape.
8. Storage shed
9. Signage pertaining to maintenance, contact, closers, etc.

T-pit (La Tierra)

1. Water source that functions mid late winter. The current pump has freeze issues up until May where volunteers are building as soon as late February.
2. Replace wood drops with a permanent foundation with replaceable sections.
3. Shade structures.
4. Spectator viewing platforms
5. Retaining walls
6. Semi-permanent lips/ take off ramps.
7. Complete pump track.
8. Create a safe uphill walking path. All trails become flow lines over time, we need to designate a line as a safe return to top.
9. Seed disturbed/ unriden areas to minimize thorn vines.
10. Storage shed
11. Signage, direction, caution, maintenance contact etc.

Buckman MX track (La Tierra)

1. Complete ATV trail.
2. Increase parking lot size.
3. Install ATV gate and a ATV maintenance Gate.
4. Retaining walls with in track, erosion issues.
5. Shade structures. Spector areas and pit area.
6. Perimeter walking path with elevated spectator pads.
7. Storage shed.
8. Heavy Equipment shed.
9. Loading dock.

Frank T. Herdman

From: Coriz, Daniel J., NMDOT <Daniel.Coriz@state.nm.us>
Sent: Tuesday, January 10, 2017 10:29 AM
To: Frank T. Herdman
Subject: FW: La Tierra

Forgot one important amenity for the Dirt jumps, we need to **replace carpet** with more appropriate. We use the carpet hold moisture when building and to keep out saturated moisture when not needed. We also use carpet to aid in compaction/ shaping and for winter weather.

Thank you,
Daniel

From: Coriz, Daniel J., NMDOT
Sent: Tuesday, January 10, 2017 10:17 AM
To: 'Frank T. Herdman'
Cc: 'Freeride Nation'; 'Kevin Rico'
Subject: RE: La Tierra

Hello Frank, these ideas are efforts to help maintenance and improve our parks. if you need details let me know....

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1. Water source that functions mid late winter. The current pump has freeze issues up until May where volunteers are building as soon as late January.
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5. Complete the Purdue flow line. This was a downhill beginner/ intermediate flow line that had begun in 2012-13 but ran out of steam.
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7. Incorporate grind ledges with the landscape/hardscape.
8. Storage shed
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T-pit (La Tierra)

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3. Shade structures.
4. Spectator viewing platforms
5. Retaining walls
6. Semi-permanent lips/ take off ramps.
7. Complete pump track.
8. Create a safe uphill walking path. All trails become flow lines over time, we need to designate a line as a safe return to top.
9. Seed disturbed/ unriden areas to minimize thorn vines.
10. Storage shed
11. Signage, direction, caution, maintenance contact etc.

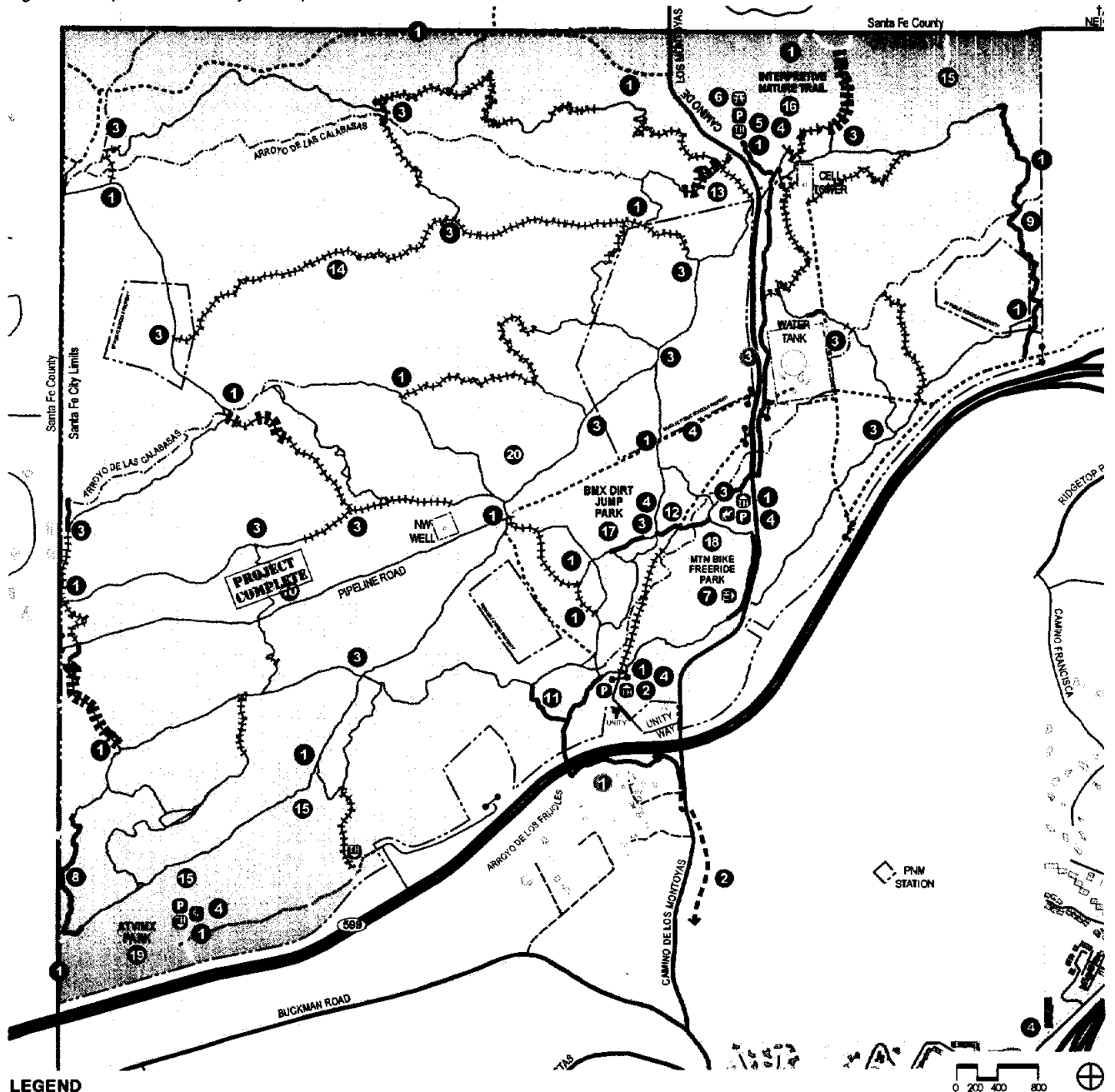
Figure II-8: Project Implementation Timeline

Implementation Timeline for Projects (anticipated best case scenario)			LEGEND	Planning + Design + Approvals	Construction + Implementation								
No.	Project Type	Project	Cost Range	Timeline									
				2011-Q1	2011-Q2	2011-Q3	2011-Q4	2012-Q1	2012-Q2	2012-Q3	2012-Q4	2013-Q1	2013-Q2
Five Priority Categories for Future Expenditures			\$3,276,000*										
ACCESS CONTROL			\$100,000										
1. Fencing	New / Repair	Perimeter Fencing - Access Control Secure perimeter of site along LTT property lines (new fence installation + fence repairs), install perimeter fencing around technical park areas, and upgrade access gates /barriers to comply with standards	\$300,000										
CLEAN UP			\$100,000										
1. Clean-Up	Trash Clean-up	Trash Clean-up Clean up remaining areas with trash	\$100,000										
SIGNAGE			\$1,200,000										
1. Signage	New	Phase 1 - Orientation Signage A phase 1 signage system will include critical orientation signs and internal trail markers	\$30,000										
2. Signage	New	Phase 1 - Trail Maps Trail map brochures will be published for public distribution	\$10,000										
3. Signage	New	Orientation / Regulatory Signage Fabricate and install wayfinding signage for the La Tierra Trails area. This includes orientation and regulatory signage as proposed in the draft signage master plan. The family of signs includes trailhead kiosks, trailhead signs, internal regulatory signs, internal orientation signs, and internal trail markers	\$60,000										
4. Signage	New	Interpretive Signage Interpretive signs at major trailheads, nature areas, and vantage points will provide information on the native ecology, geology, history of the site, etc.	\$75,000										
CONNECTIONS			\$600,000										
1. Trail	New	Multi-Use Regional Trail - NM 599 ROW Underpass Connector Trail A new multi-use regional trail will provide a safe connection to the LTT trail system by making use of the existing NM 599 underpass (west of NM 599 / Montoya intersection). This ca. 0.5 mile new trail segment will connect from a new trail access point on the east side of Montoya (south of NM 599) to a new trailhead north of Unity Church and terminate at a new large trailhead parking area at the Frijoles Arroyo / Montoya intersection	\$800,000										
2. Trail	New	Multi-Use Regional Trail - Dog Park to NM 599 Connector Trail A new multi-use regional trail segment will provide a safe off-road connection from neighborhoods south of NM 599 to the LTT trail system. This ca. 0.65 m trail will connect from the Frank Ortiz Dog Park to the NM 599 underpass trail	\$300,000										
3. Trail	New	Multi-Use Regional Trail - North of NM 599 A new ca. 0.65 multi-use regional trail will provide a safe off-road connection from the new Frijoles trailhead north to a new expanded cell tower trailhead	\$300,000										
4. Trailhead	New / Repair	Meia Park N/Ride New trailhead and wilderness trail connection at the Park-n-Ride along Calle Meia with signage	\$50,000										
MASTER PLAN			\$1,576,000										
1. Trailhead	New	ATV / MX Trailhead New ca. 0.3 m access road and trailhead parking (15 vehicles w/ trailers) for dedicated motorized ATV/MX Park. The new ATV/MX Park will have a perimeter fence, signage, trail and maintenance access, and site amenities	\$400,000										
2. Trailhead	Expansion	Unity Church Trailhead New trailhead north of Unity Church with parking area for up to 30 cars, trail and maintenance access, signage, and site amenities	\$160,000										
3. Trailhead	New	Frijoles Trailhead New trailhead east of Montoya south of Frijoles Arroyo with parking area for up to 60 cars, trail and maintenance access, signage, and site amenities	\$175,000										
4. Parking	New	Pipeline Event Parking New event parking area off of pipeline road for up to 60 cars	\$260,000										
5. Trailhead	Expansion	North Trailhead Drainage improvements and expanded parking area for up to 24 cars. The improved trailhead will have accessible parking, signage, trail and maintenance access, and site amenities	\$100,000										
6. Picnic Area	New	North Trailhead Picnic Area New group shade structure (18 x 36) with picnic tables (60 person capacity), 6 individual picnicking areas with connecting accessible pathway, signage, and site amenities	\$60,000										
7. Trailhead	New	Southwest Trailhead Montoya + Miscellaneous Trailhead Improvements New trail access (picnic) west of Montoya to access perimeter loop trail of entire 1500 acre area	\$5,000										
8. Trail	New	West Connector Trail New ca. 0.35 m connector trail internal to site along west property boundary	\$20,000										
9. Trail	New	East Connector Trail New ca. 0.65 m connector trail internal to site along east property boundary	\$30,000										
10. Trail	New	Central Connector Trail New ca. 0.25 m connector trail between existing trail south of pipeline north to ridge trail	\$15,000										
11. Trail	New	Meadow Connector Trail New ca. 0.20 m connector trail between new regional trail to meadow trail	\$10,000										
12. Trail	New / Repair	Mountain Bike Freeride Park Connector Trails New ca. 0.40 m connector trails around Freeride Area and connecting to BMX Park	\$20,000										
13. Trail	Repair	Trail Rejuvenation Various trail realignments with sustainable alignments	\$20,000										
14. Trail	Repair	Trail Repair / Rehabilitation Trail repair / rehabilitation for ca. 4.50 miles of trail	\$45,000										
15. Trail	Closure	Trail Closure Ca. 0.40 m of trail to be closed and restored (old ATV / MX trail)	\$20,000										
16. Trail	New / Repair	Nature Trail - Northeast Corner Nature trail area restoration and trail establishment	\$15,000										
17. Technical Area	New / Repair	BMX Dirt Jump Park Improvements BMX Park improvements to increase safety between BMX riders and spectators / other trail users, and to create a safer environment for BMX riders of various skill levels. Park improvements include perimeter fencing and signage, grading and drainage, maintenance amenities (water cistern, tool shed, etc.), and site amenities	\$75,000										
18. Technical Area	New / Repair	Mountain Bike Freeride Park Improvements Freeride Park improvements to increase safety between Freeride riders and spectators / other trail users, and to create a safer environment for Freeride riders of various skill levels. Park improvements include perimeter fencing and signage, grading and drainage, maintenance amenities (water cistern, tool shed, etc.), and site amenities	\$50,000										
19. Technical Area	New / Repair	ATV / MX Park Improvements ATV / MX Park improvements to increase safety between ATV / MX riders and spectators, and to create a safer environment for ATV / MX riders of various skill levels. Park improvements include perimeter fencing and signage, beginner area track, and additional site amenities	\$50,000										
20. Archaeology	New	Archaeological Clearance for Master Plan Improvement Projects Archaeological surveying, reporting, and clearance of areas of planned improvements	\$20,000										

* Cost Estimates: Cost ranges represent conceptual level estimates for project design, construction, and materials costs. Total project costs as indicated below amount to \$3.3 million.

Environmental Sensitivity: The project team will design all projects to be site-sensitive and respectful of the natural vegetation and characteristics that are highly valued within the La Tierra Trails site.

Figure II-9: Implementation Projects Map



LEGEND

- Master Plan Project Boundary
- Internal Property Line
- City / County Boundary
- Major Road
- Minor Road
- Minor Road (un-paved)
- Restricted-Access Road (un-paved)
- Property Line
- Utility-leased Property Line
- Building Footprint

- La Tierra Open Space Area
- Existing Wilderness Trail
- Existing Arroyo Trail
- River
- Arroyo
- Other Drainageway
- Service Gate

- Proposed New Construction Projects
 - New / Improved Trailhead
 - New / Improved Parking
- Proposed Trail Improvements (See "Exhibit D")
 - Trail, Proposed New Segment (#8-12)
 - Trail, Proposed Repair / Rehab
 - Trail, Proposed Realignment
 - Trail, Proposed Closure*

- Proposed Projects (See "Exhibit D")
 - Access Control Projects
 - Clean Up Projects
 - Trail Signage Projects
 - Trail Connections Projects
 - Master Plan Projects

* Proposed Trail Closure to occur at trail segments that no longer contribute to the overall trail system. These trails may remain open but will not be part of the official La Tierra Trails network. Revegetation and physical closure of trails will occur at old ATV/MX trails that will not be part of the master plan's designated ATV/MX area.