



Agenda DATE 2/6/17 TIME 4:02pm

REVIEWED BY Leroy Pacheco

RECEIVED BY SSS

**BICYCLE AND TRAILS ADVISORY COMMITTEE MEETING**

**Monday, February 13, 2017, 5:30 p.m. – 7:30 p.m.**

**City Railyard Offices, 500 Market Street**

1. CALL TO ORDER
2. ROLL CALL
3. APPROVAL OF AGENDA
4. APPROVAL OF MINUTES FROM January 18, 2017
5. CITIZEN COMMUNICATIONS FROM THE FLOOR
6. COMMUNICATIONS FROM OTHER AGENCIES
  - a. Santa Fe MPO (Eric Aune)
  - b. City Trails Coordinator Report – SF Conservation Trust (Tim Rogers)
7. INFORMATION, DISCUSSION & ACTION
  - a. Canada Rincon Trail Project Status (Design Office/Radian Engineering)
  - b. Preliminary Estimate for Connector Trail from Frank Ortiz Dog Park to La Tierra Trails (Leroy Pacheco)
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
10. COMMITTEE COMMUNICATIONS
11. COMMUNICATIONS FROM THE CHAIR
12. ADJOURNMENT

***Next Scheduled Meeting for BTAC is March 15, 2017, Agenda & Packet Material due on March 7, 2017. Please submit via email [lnpacheco@santafenm.com](mailto: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  
February 13, 2017

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Call to Order	Frank Herdman, called the Bicycle and Trails Advisory Committee meeting to order at 5:32 p.m. at the City Railyard Offices in Santa Fe, New Mexico.	1
Roll Call	Roll call constitutes a quorum	1
Approval of the Agenda	Mr. R. Pacheco moved to approve the agenda as presented with a second from Ms. Robinson which passed by voice vote.	1
Approval of Minutes from January 18, 2017	Mr. Cooley moved to approve the minutes from January 18, 2017 as presented with a second from Ms. Wellington which passed by voice vote.	1
Citizen Communications from the Floor	Discussion Only	1
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a.) MPO Report	Discussion Only	2
b.) City Trails Coordinator Report – SF Conservation Trust		
Information/Discussion/Action	Mr. R. Pacheco moved to allow City staff ask the agent representing the Reserve to make a report to BTAC so that the project can move forward with a second from Ms. Wellington which passed by voice vote.	3
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b.) Preliminary Estimate for Connector Trail from Frank Ortiz Dog Park to La Tierra Trails		
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• Trails Projects Status Update	Discussion Only	
Committee Communications	Discussion Only	5
Communications from the Chair	Discussion Only	5
Adjournment	There being no further business to come before the Bicycle and Trails Advisory Committee the meeting was adjourned at 7:47 p.m.	5
Signatures		5

**BICYCLE AND TRAILS ADVISORY COMMITTEE MEETING**  
**City Railyard Offices, 500 Market Street**  
**February 13, 2017 – 5:30 PM – 7:30 PM**  
**MEETING MINUTES**

**1. CALL TO ORDER**

Frank Herdman, called the Bicycle and Trails Advisory Committee meeting to order at 5:32 p.m. at the City Railyard Offices in Santa Fe, New Mexico. Roll call constitutes a quorum.

**2. ROLL CALL**

Present:

Frank Herdman  
Jennifer Wellington  
Paul Cooley  
Shelley Robinson  
James Ronald Pacheco  
Gretchen Grogan

Excused:

Councilor Joseph Maestas, Chair  
Joseph A. Abbatacola  
Tomas Rivera

Staff & Others Present:

Leroy Pacheco, Staff Liaison  
Erik Aune, MPO  
Tim Rogers, Santa Fe Conservation Trust  
Claudia Horn, Design Office  
Linda Vigil, Stenographer  
Residents present (No names were given)

**3. APPROVAL OF AGENDA**

**MOTION:** Mr. R. Pacheco moved to approve the agenda as presented with a second from Ms. Robinson which passed by voice vote.

**4. APPROVAL OF MINUTES FROM January 18, 2017**

**MOTION:** Mr. Cooley moved to approve the minutes from January 18, 2017 as presented with a second from Ms. Wellington which passed by voice vote.

**5. CITIZEN COMMUNICATION FROM THE FLOOR**

**6. COMMUNICATIONS FROM OTHER AGENCIES**

**a.) MPO Report**

Mr. Aune reported a planning meeting for Bike to Work week will be held next week. Permission to use the Railyard plaza has been granted. All are welcome to attend the planning meeting.

Mr. Aune stated he met with the City GIS department and reviewed the interactive map. The goal is to have past, existing and proposed future projects visible. Mr. Aune would like to have input from BTAC on the map.

Mr. Aune reported he was unable to gather the abstract for the traffic garden and playground. He spoke the designer of the project in Seattle and got some cost estimates. Mr. Aune would like to have Parks meet and discuss the funding opportunities.

Mr. Aune reported the small committee that formed surrounding the issue brought to BTAC by citizen Dick Lemon has had standing meetings every Wednesday. They will start a pilot project soon and have figured 12 areas they can utilize. They will discuss further with Parks and the Parking Department.

A brief discussion was held about the previous project with the sleeve and the idea for the ring design.

#### **b.) City Trails Coordinator Report-SF Conservation Trust**

Mr. Rogers presented his report. (See Exhibit A) The Trail to Dale Ball connecting to Cerro Gordo will be working with some other entities. They would like the trail to go around where the building stood.

Mr. Rogers reported they City and NMDOT will have to work together to get the RTP award for the Motocross park.

Mr. Rogers reported there was a tree emergency and volunteers worked quickly to get them cleared. (See Exhibit B)

Mr. Rogers reported me met with Bike and Brew organizers and the organizers of Caja del Rio gravel grinder.

Mr. Rogers stated there is a small subdivision (Las Estrellas) they want to work the developers on the trail on the open space.

Mr. Rogers reported the arts and creativity center will meet with him to discuss the trail west of Siler.

A discussion was held about the illegal ATV use on La Tierra trail. The citizens have called it to the attention to the City. Parks staff and Police officers visited the site. There are some ideas on how to remedy the situation.

Mr. Rogers stated he is going to renegotiate the Santa Fe Conservation Trust services agreement with Parks Department.

Mr. Rogers discussed the work that they can do on the Dog Park Connector Trail. (See Exhibit C)

A discussion was held about signage in the downtown area and the Route 66. Mr. Cooley asked if it would be useful to add it to the GIS interactive map.

Mr. Herdman asked about the ATV use on La Tierra trail and how the ATV's are accessing the trail. Mr. Rogers explained there is an area near Frijoles arroyo where the fence was cut.

## **7. INFORMATION/DISCUSSION/ACTION:**

### **a.) Canada Rincon Trail Project Status**

Ms. Horn presented some slides that were presented at the public meeting for the project. (See Exhibit D). There was a lot of positive feedback.

Ms. Horn stated the population has grown in the neighborhood. In the topography graph there is a majority of flood zone area.

Ms. Horn discussed the alternative for the connection to Avenida Rincon, an elevated ramp is one option. There is a 12-foot increase.

A discussion was held about the public input. Ms. Horn stated the Reserve is aware of the plans and they have not voiced any concerns.

Mr. L. Pacheco stated they have completed the right of way, there is 30% conceptual design and the full survey has all been done.

A gentleman in the audience asked about the area up to Tano, it is not paved. Seniors on bikes support the project so it will be done as soon as possible.

Ms. Robinson asked if there was a sense the Reserve would close of the path. Mr. L. Pacheco hoped someone from the Reserve would be presented to discuss tonight, however they had a meeting and he did not get that sense.

Mr. L. Pacheco would like to have the Reserve attend a BTAC meeting within the next few months to discuss their concerns if any.

A woman from the audience asked if the trail would be on City property can they refuse access to it.

A brief discussion was held about the ramp and how it can be brought to code.

**MOTION:** Mr. R. Pacheco moved to allow City staff ask the agent representing the Reserve to make a report to BTAC so that the project can move forward with a second from Ms. Wellington which passed by voice vote.

A gentleman in the audience asked about the section under the 599 bridge that is unpaved. Mr. Herdman stated there is nothing on the master plan but it can be added and any input is welcome. There is limit funding.

### **b.) Preliminary Estimate for Connector Trail from Frank Ortiz Dog Park to La Tierra Trails**

Mr. L. Pacheco discussed the cost estimate requested from last month's meeting. (See Exhibit E) The

project was estimated at \$300,000.

Mr. R. Pacheco asked why the trail couldn't go along the road. Mr. L. Pacheco explained the map (See Exhibit F) shows the alignments. When he walked the trail he didn't follow the road.

Mr. Cooley asked if the reason was that it may conflict with future development in that area. Mr. R. Pacheco suggested it be a temporary trail. Mr. L. Pacheco stated the Ridge was left for the view.

Ms. Robinson asked if in the meantime the volunteers can make a temporary soft surface trail or will they have to follow the same process to get public input.

Mr. L. Pacheco gave an example of a single track trail if it is managed by Parks. He would defer that question to Parks and Mr. Rogers.

Mr. Herdman explained there is not any options at this time. Mr. Herdman explained and showed on the map an area where the dog park joins Camino de los Montoyas. There is a large area where it drops off.

A discussion was held about the users of the trail and ADA compliance.

Ms. Horn discussed the master plan and the importance of the City to use infill. She recommends the interim soft surface trail. Also, speak to the SFPS about making that change to their property.

Ms. Grogan works with volunteers on other trails in the Galisteo basin. The only issue with temporary trails is people will think they are permanent.

Mr. Herdman would like to see this item again and make sure it stays in focus.

Mr. Cooley would like to hear from Mr. Rogers at the next meeting.

Mr. L. Pacheco will ask Mr. Rogers to discuss his ideas at the next meeting. Also Mr. L. Pacheco explained the form he needs filled out for items for the next agenda.

## **8. BTAC SUBCOMMITTEE UPDATE**

These items will be discussed at the next meeting.

**a.) On Road Subcommittee**

**b.) Off-Road Trails**

**c.) Going for the Gold**

Ms. Grogan stated they would like to bring Mr. Sisqueiros to the next meeting.

## **9. STAFF COMMUNICATIONS**

**a.) Trails Projects Status Update**

Mr. L. Pacheco presented his spreadsheet (See Exhibit G) showing he moved out the NW Quadrant out of surplus. (\$279,000)

Mr. L. Pacheco presented a map (See Exhibit H) showing the 10 projects that are alive right now.

#### **10. COMMITTEE COMMUNICATIONS**

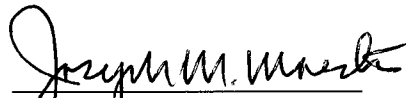
Ms. Robinson stated she would like for Councilor Maestas to speak about the bonds he mentioned at the last meeting.


#### **11. COMMUNICATIONS FROM THE CHAIR**

#### **12. ADJOURNMENT**

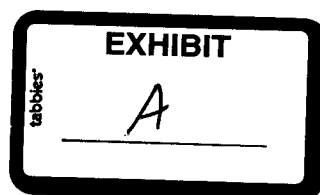
There being no further business to come before the Bicycle and Trails Advisory Committee the meeting was adjourned at 7:47 p.m.

#### **SIGNATURES**

  
Councilor Joseph Maestas

  
Linda Vigil, Stenographer

Item 6b





TASKS TO BE COMPLETED	NOTES	Staff
1) <u>NEEDS ASSESSMENT</u>	Visit Gerro Gordo Trailhead and Dale Ball connecting trail with Bob Findling of TNC to assess needs for changes in gates and signage; visit Dog Park connector flagging, assess and add flags	Rogers
2) <u>RESEARCH &amp; FUNDING</u>	Submit Doppelt Grant application to support Chili Line Trail in La Tierra Trails; solicitation to REI for support of Passport to Trails activities; prepare information to share with Parks regarding PSA renewal; discuss information from NMDOT on MX track RTP award with Parks	Rogers, Noss
3) <u>STEWARD RECRUITMENT</u>	Gather contact information for e-mail list; solicit help for tree removal on Dale Ball Trail near Upper Canyon Rd.; Awards to Trail Volunteers at SFCT annual event, Jan. 19	Rogers
4) <u>TRAIL MAINTENANCE</u>	Tree removal on Dale Ball Trail near Upper Canyon Rd., Jan. 25	Rogers
5) <u>TRAINING &amp; EDUCATION</u>	On-line training from ESRI in Geographic Information Systems (ArcGIS)	Rogers
6) <u>COMMUNITY EVENTS / PROMOTION</u>	Meet with Bike and Brew event organizers; Meet with Clemente McFarlane, Mat Long, and Stephen Newhall to plan Caja del Rio "gravel grinder" event; Forward Cañada Rincon invitations and SFNF forest plan revision dates; update and distribute list of dates for trail program and GUSTO initiative	Rogers
7) <u>CITY CONTACTS</u>	ENN meeting for Los Arbolitos, Jan. 4.; follow-up meeting on Jan. 31; discuss trail planning with Donna Wynant of Land Use Development Review; Discuss Canada Rincon trail planning with Leroy Pacheco; discuss bicycle wayfinding strategies with BTAC on-road subcommittee with regard to BR66; present to BTAC on 2016; discuss and exchange graphics with Melissa McDonald regarding Dale Ball Connector at former Sand Filter site	Rogers; Noss
8) <u>PLANNING / COORDINATION</u>	Attend Arts + Creativity Center meeting re possible Acequia Trail extension west of Siler; input on Old Las Vegas Highway to MPO regarding TIP amendment; discuss and exchange graphics with Melissa McDonald regarding Dale Ball Connector at former Sand Filter site; Convene GUTS Steering Committee, Tabulate and share name change information, GUTS to GUSTO; discuss ATV use in La Tierra Trails with Parks staff; Rio Grande Trail Commission meeting at NMDOT, Jan. 11, and follow-up with Alignments Working Group	Rogers

9) <u>REPORTS</u>	Report trail volunteer hours on Trails Alliance web site; Prepare December report for BTAC and City; Create and update SFCT web material on trail events.	Rogers
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Also see: <http://www.sfct.org/trails/sfct-trail-events-in-2017>

Removing Fallen Trees near Cerro Gordo Trailhead, Jan. 25

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## Removing Fallen Trees near Cerro Gordo Trailhead, Jan. 25

The morning of Jan. 25, super-volunteer Alan Karp came by to let us know that three sizable trees had been blown over and were threatening to fall onto the trail connecting Cerro Gordo trailhead with Upper Canyon Rd. One e-mail to a handful of certified sawyer volunteers produced immediate results: By the end of the day, thanks to Peter Prince and his handy chainsaw, the fallen trees were taken down and removed!



The best venue for recruiting trail volunteers has always been the trails themselves! Lee Levin and John Vavruska, having just hiked to Picacho Peak (in the background), came along at just the right time to help remove freshly-cut logs from the trail.



Peter Prince removes fallen trees along the trail just north of the Santa Fe River diversion, near Upper Canyon Rd.

This trail, on land belonging to The Nature Conservancy near the entrance to the Santa Fe Canyon Preserve, will be more fully integrated into Dale Ball Trails once we complete the connector north from Cerro Gordo Trailhead across the Santa Fe River.

EXHIBIT

tabbles

B

# La Tierra Trails / Dog Park Connector

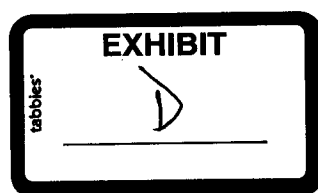


Alignment between Two Existing Open Space Pedestrian Gates  
flagged in 2016 by City Trail Volunteer Coordinator with SFFTS volunteer  
3,420 ft. = approx 0.6 mile

**EXHIBIT****tables**

C

Item 7a



01/25/2017



## BTAC AGENDA ITEM SUBMISSION FORM

Please use the template below to submit agenda items for BTAC deliberation. The objective is to assure that deliberations are guided by an understanding of the action sought of BTAC, the pertinence of the proposal to BTAC's mission and objectives, and ultimately the expectations and obligations to which BTAC is agreeing when it takes action on an agenda item.

### 1. TITLE OR BRIEF DESCRIPTION OF THE AGENDA ITEM:

CIP 482A Canada Rincon Trail – Post ENN project status report (Leroy Pacheco, and Consultants)

**2. INTRODUCTION TO THE TOPIC:** A brief statement regarding origin of the agenda item and its relevance to the current activity of BTAC.

Schematic plans for a proposed non-motorized urban trail between Calle Mejia and Camino Francisca / Avenida Rincon will be presented to the public at an ENN on 2/7/17. The trail will connect pedestrians and bicyclists to existing city streets, bikeways, and trail systems north of Camino Francisca / Avenida Rincon and south of Calle Mejia.

**3. BTAC ACTION BEING SOUGHT:** Most BTAC deliberation is intended to achieve one of three outcomes. If appropriate be prepared to suggest a formal motion to the meeting floor for debate, discussion and vote.

*\*To inform:* The purpose is to inform board members of the actions/thoughts of the presenting group and to provide an opportunity for discussion and questions. (E.g., an update from a standing or ad-hoc subcommittee) **No action from BTAC is sought.**

*\*To discuss:* BTAC agrees that a preliminary proposal is worthy of further discussion. A **possible motion to direct** an individual to review the issue and return at a specified time with a formal proposal for action is sought.

*\*To act:* BTAC supports a plan that requires outlining actions and obligations for Board members and/or Staff. A motion clarifying objectives, expectations and obligations of Board and/or Staff is sought.

The project's budget, design status, and schedule will be presented for discussion to BTAC.

**4. ESTIMATION OF COST AND/ TIME:** Who would be responsible for costs and/or BTAC or staff time? Has affected BTAC member or staff been apprised of the proposal and do they understand the obligations?

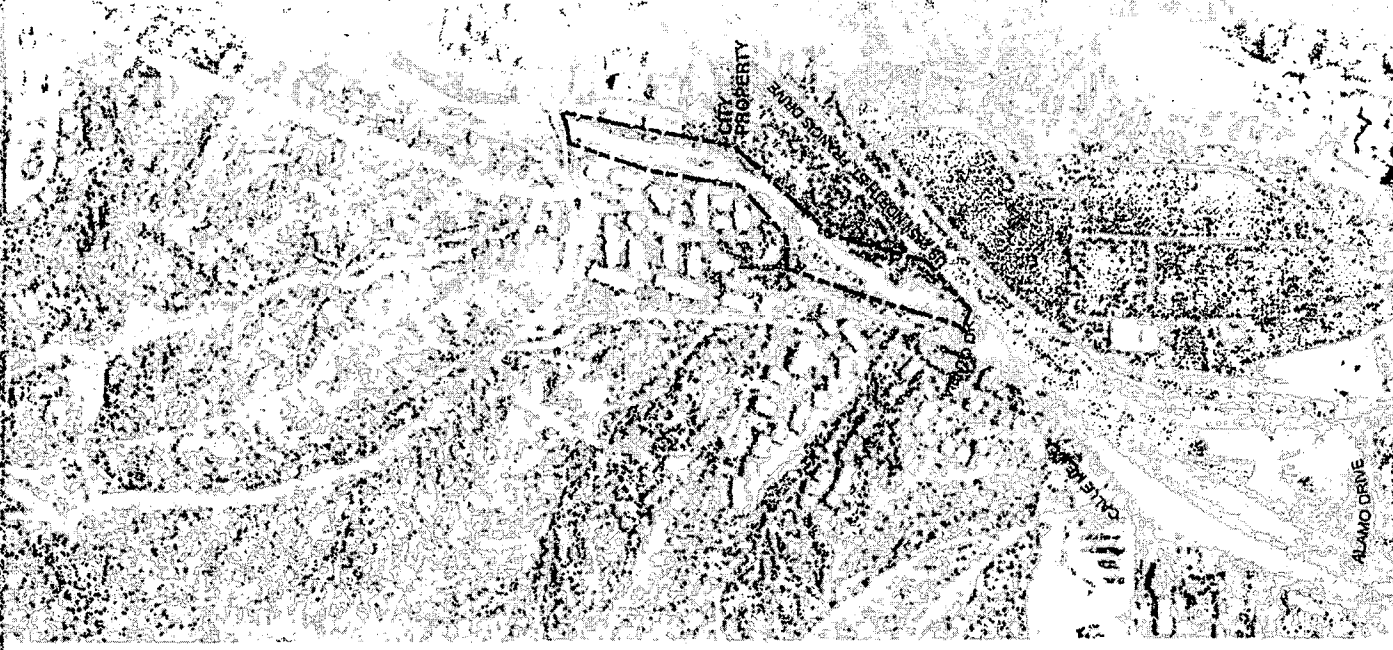
Public Works Department – Engineering Division is the responsible agency. Funding appropriations and budgets are subject to city council review and approval.

## Project History

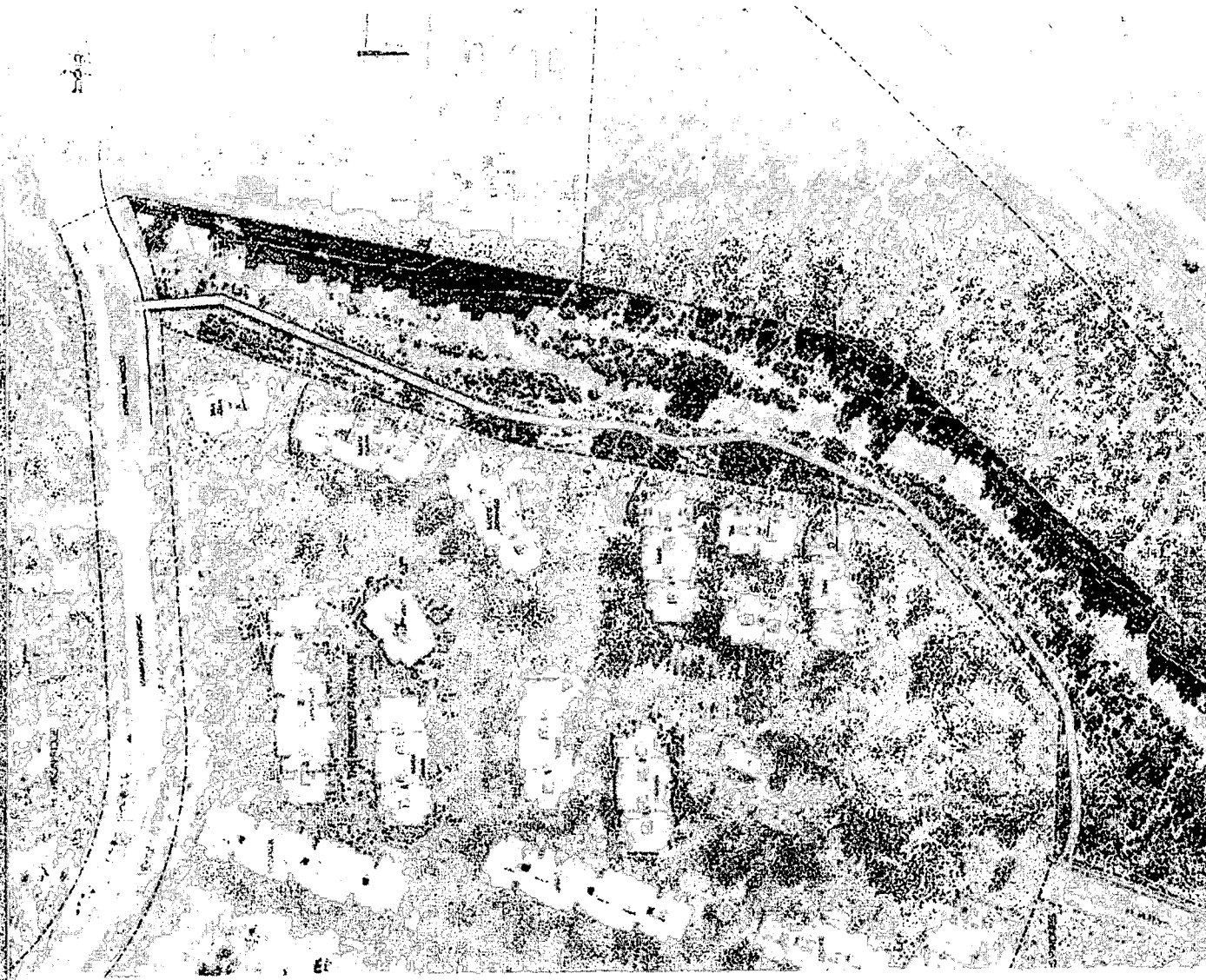
- Santa Fe MPO Bicycle Master Plan 2012  
Phase A Priority Improvement, trail connection
- ENN Meeting 1 November 11, 2015  
Conceptual Alternative Trail Alignment Review
- ENN Meeting 2 February 7, 2017  
Schematic Design Preferred Trail Alignment

## Purpose

- connect isolated neighborhoods to downtown,  
recreation areas
- provide alternate transportation / trail system  
access to serve growing neighborhoods /  
populations
- provide a safe route to school for children living  
north of Avenida Rincon / Camino Francisco
- curb trespassing on private property



schematic trail alignment



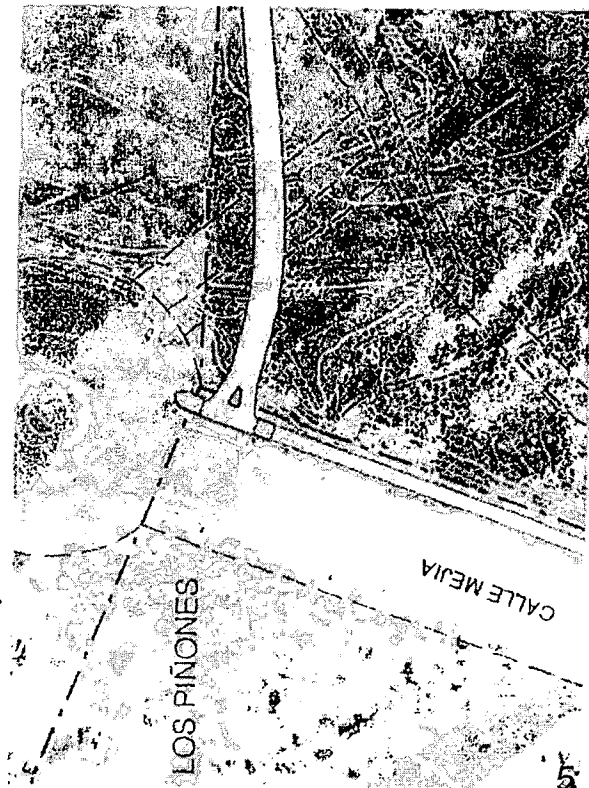


CANADA RINCON TRAIL calle mejía to camino francisca / avenida rincon DRAFT

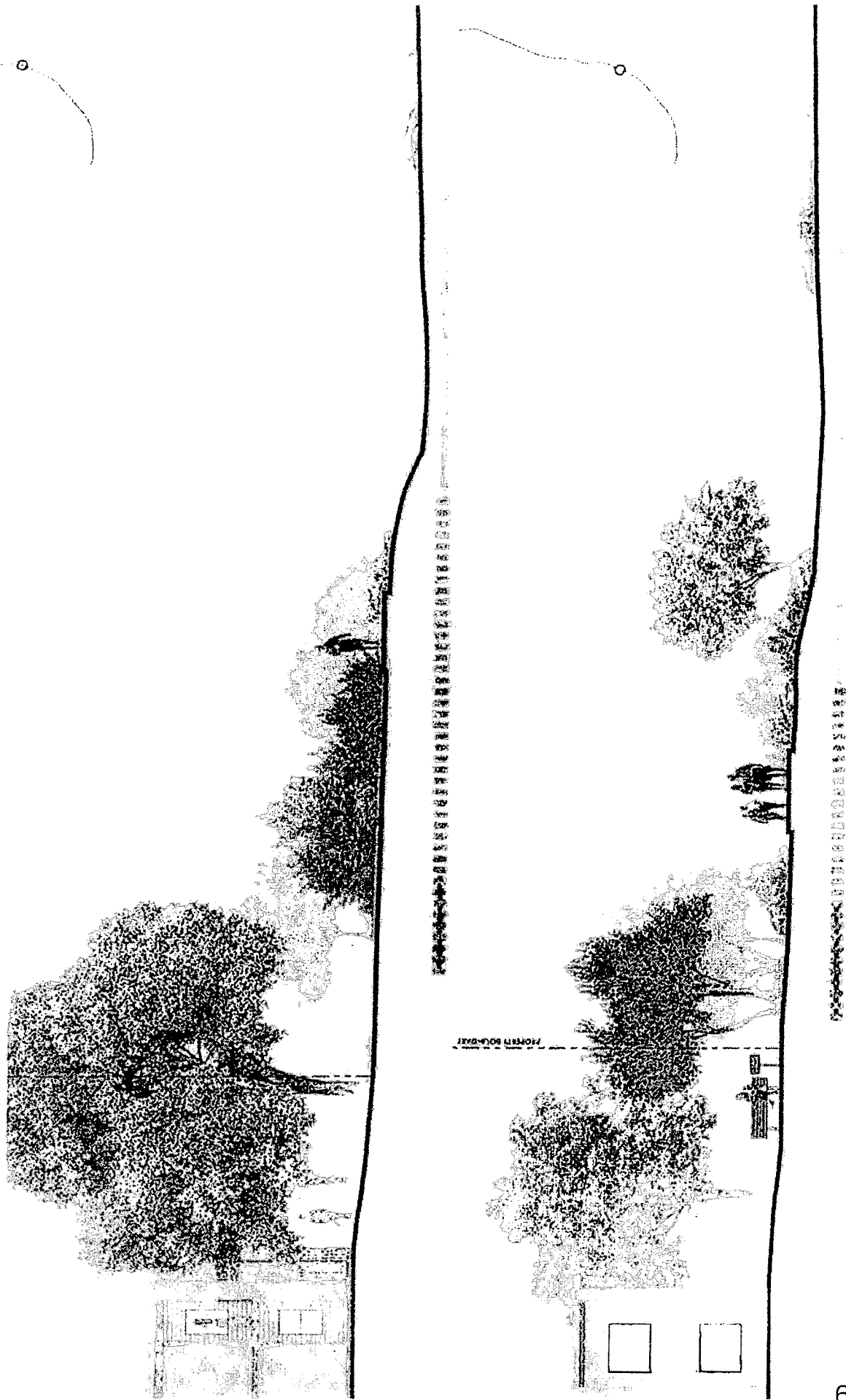
junctions  
avenida rincon



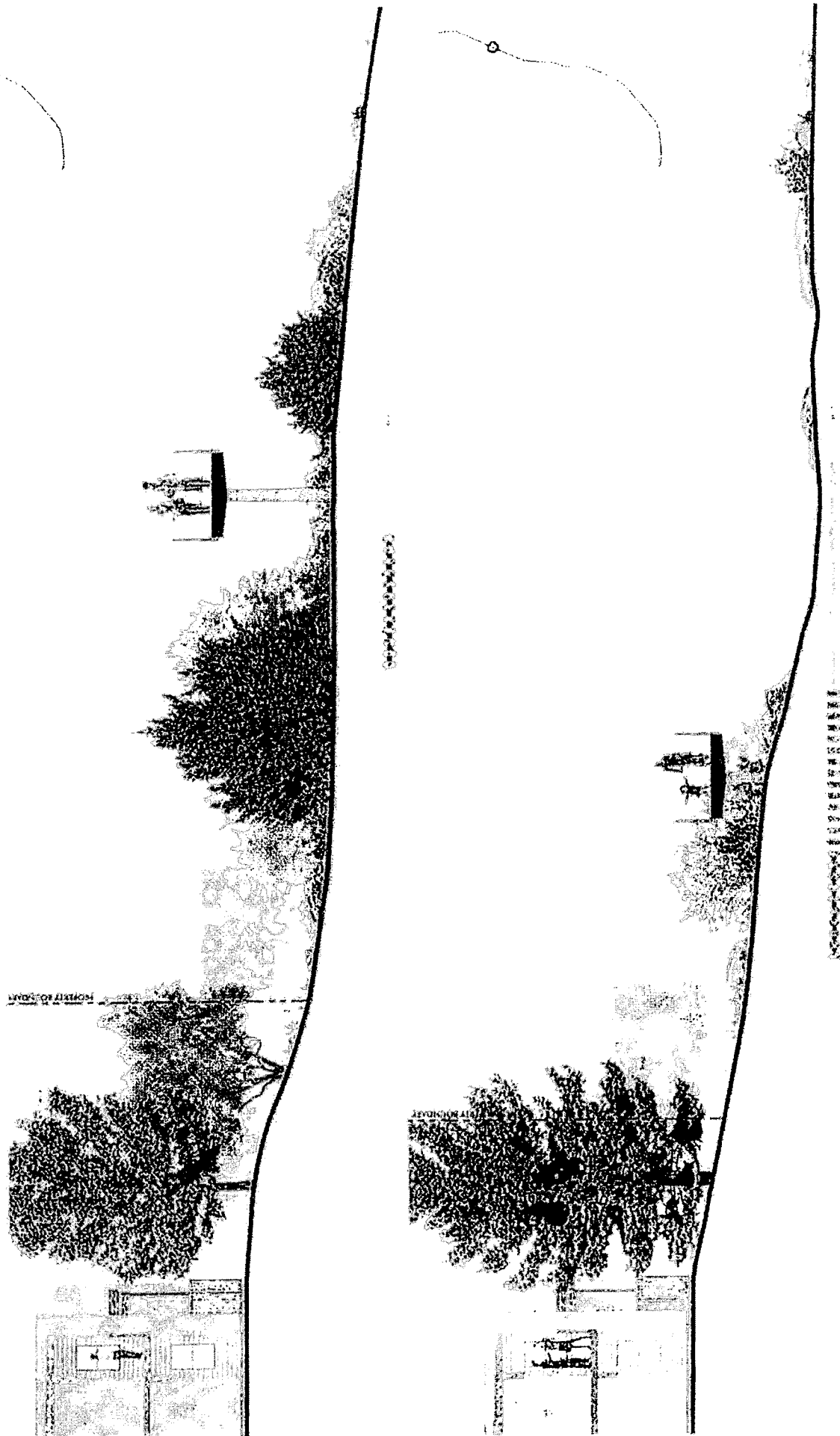
calle mejia



sections



sections



Item 7b.





## BTAC AGENDA ITEM SUBMISSION FORM

Please use the template below to submit agenda items for BTAC deliberation. The objective is to assure that deliberations are guided by an understanding of the action sought of BTAC, the pertinence of the proposal to BTAC's mission and objectives, and ultimately the expectations and obligations to which BTAC is agreeing when it takes action on an agenda item.

### 1. TITLE OR BRIEF DESCRIPTION OF THE AGENDA ITEM:

Preliminary engineer's estimate to design and construct the La Tierra Trails Connector Trail from Frank Ortiz Dog Park to Camino de los Montoyas Trailhead and the La Tierra Trails System. (Leroy Pacheco)

**2. INTRODUCTION TO THE TOPIC:** A brief statement regarding origin of the agenda item and its relevance to the current activity of BTAC.

The item was prompted by a motion made by Ron Pacheco at the Jan 2017 BTAC meeting when the use of remaining NWQ trails funds was being discussed. This connection is included among a list of potential projects in the original La Tierra Trails Master Plan, and a city council resolution and application for federal funds for this project was submitted to NMDOT in spring 2015.

**3. BTAC ACTION BEING SOUGHT:** Most BTAC deliberation is intended to achieve one of three outcomes. If appropriate be prepared to suggest a formal motion to the meeting floor for debate, discussion and vote.

**\*To inform:** The purpose is to inform board members of the actions/thoughts of the presenting group and to provide an opportunity for discussion and questions. (E.g., an update from a standing or ad-hoc subcommittee) **No action from BTAC is sought.**

**\*To discuss:** BTAC agrees that a preliminary proposal is worthy of further discussion. **A possible motion to direct** an individual to review the issue and return at a specified time with a formal proposal for action is sought.

**\*To act:** BTAC supports a plan that requires outlining actions and obligations for Board members and/or Staff. **A motion clarifying objectives, expectations and obligations of Board and/or Staff is sought.**

The purpose of this item is to for BTAC to discuss costs of design and construction for this potential project.

**4. ESTIMATION OF COST AND/ TIME:** Who would be responsible for costs and/or BTAC or staff time? Has affected BTAC member or staff been apprised of the proposal and do they understand the obligations?

Public Works Department – Engineering Division would be the responsible agency. Funding appropriations and budgets are subject to city council review and approval.

## La Tierra Trails System – Connector Trail from Frank Ortiz Dog Park to Camino de los Montoya’s Trail

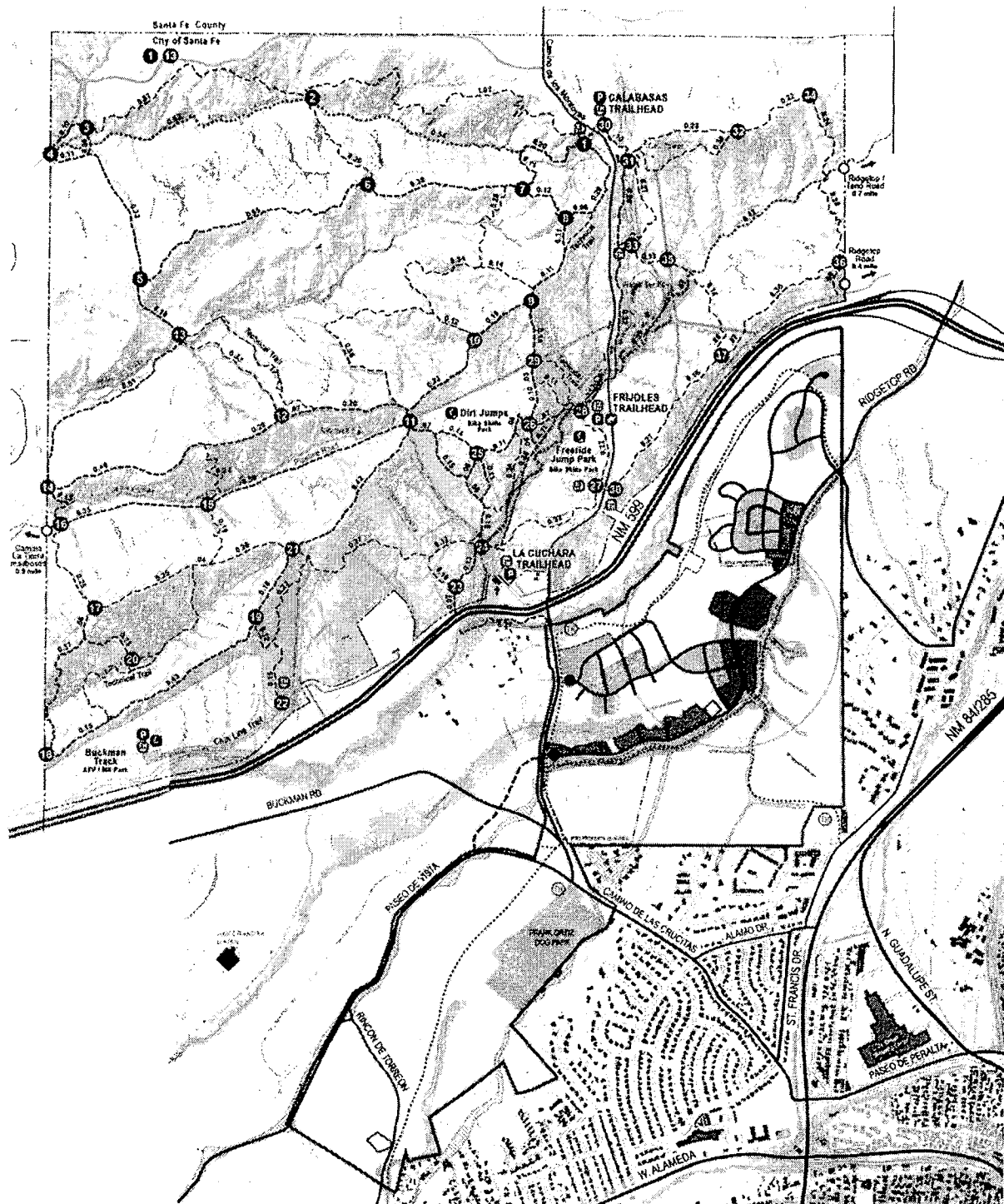
- The project is listed in the August 2012 updated Trails Master Plan Project List with a cost range estimated at **\$300,000.00**
- In 2009 the city council amended the General Land Use Plan to include amendments to parcels in the 542 acres in the Northwest Quadrant south of NM 599.
- The Santa Fe Public Schools owns approximately 7% of the property in the Northwest Quadrant, and is a stakeholder in development of city infrastructure in the area.
- In 2015 the city made application to the **New Mexico DOT** for consideration of a federal grant for this connector trail with a proposed cost to design and construct of **\$250,000.00**. **Application included a city council approved resolution to indicate political support for the trail.** The application was not selected for grant of funds.
- The proposed connector trail would be approximately 0.65 miles in length, and typically 10-ft wide with a firm and unyielding surface.
- Project stakeholder’s include:
  1. Surrounding Neighborhoods (Casa Solana, Santa Fe Estates, etc.)
  2. Diverse Trail users (hikers, bicyclists, equestrians, dog-walkers,)
  3. Americans with Disabilities
  4. Archeological interests (Native American Tribes)
  5. The Santa Fe Public Schools
- City agents: Public Works (Engineering, Traffic, Streets and Drainage), Historic Preservation, Mayor’s Committee on Disability, Land Use, Parks & Recreation
- There are drainage and terrain considerations and challenges to be considered and overcome in the proposed trail corridor.
- There are traffic design considerations in crossing users at Camino de las Crucitas and Camino de los Montoyas.

### Preliminary Estimate for Budgeting Purposes (assumes all ROW is owned by CSF)

<b>Conceptual Design</b>	<b>\$75,000</b>
Includes public outreach, survey, coordination and clearances with ADA, Historic, SFPS, etc	
<b>Final Design</b>	<b>\$50,000</b>
Includes final design documents, and bidding support	
<b>Construction</b>	<b>\$200,000.00</b>
Assumes no major bridging structures) Includes a 5% contingency	
<b>Construction Engineering/Management</b>	<b>\$25,000.00</b>
Construction support services	

**TOTAL ESTIMATE: \$300,000.00**

Exhibit 1 – La Tierra Trails and NWQ Master Plan (Vicinity Map)



# TRAILS MASTER PLAN PROJECTS LIST

## PROJECT INVENTORY FOR THE NORTHWEST QUADRANT TRAILS

### Five Priority Categories for Future Expenditures

Based on the Northwest Quadrant Trails Priority Plan (Wilson & Company, 2009)

- ☒ Trails Master Plan - La Tierra Trails - improvement projects
- ☒ Access Control - fencing, gates, chicanes
- ☒ Trail Connections - regional multi-use trail, regional trailheads
- ☒ Clean Up - large trash pick-up
- ☒ Trail Signage - signage plan, design + placement of signs

**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.

**Project Timeline:** Design and construction timeline estimates are based on current projections of consultant availability, master plan approval, and project funding.

**Priority Project Selection:** The selected projects are based on information gathered from two rounds of user group meetings and the first public meeting (May 2010). These projects reflect user safety, needs, and concerns, collected from this public process. Projects listed in italics are non-priority projects and can be funded and implemented separately.

**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.

Completed, On-going, or Programmed Projects	Projects not currently programmed	No. Project Type	Project	Cost Range	Projected Costs (for projects not currently programmed)
				<b>\$3,270,000*</b>	<b>\$1,310,000</b>
			<b>ACCESS CONTROL</b>	<b>\$300,000</b>	
		1. Fence/Repair	New / Repair Perimeter Fencing + Access Control	\$200,000	
			Secure perimeter of site along LTT property lines (new fence installation + fence repairs), install perimeter fencing around technical park areas, and upgrade access gates/chicanes to comply with standards.		
			<b>CLEAN UP</b>	<b>\$100,000</b>	
		1. Clean Up	Trash Clean-up	\$100,000	
			Clean-up remaining areas with trash.		
			<b>SIGNAGE</b>	<b>\$120,000</b>	
		1. Signage	New Phase 1 - Orientation Signage	\$50,000	
			A phase 1 signage system will include critical orientation signs and internal trail markers.		
		2. Signage	New Phase 1 - Trail Maps	\$18,000	
			Trail map brochures will be published for public distribution.		
		3. Signage	New Orientation / Regulatory Signage	\$60,000	
			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.		
		4. Signage	New Interpretive Signage	\$25,000	\$ 25,000
			Interpretive signs at major trailheads, nature areas, and vantage points will provide information on the native ecology, geology, history of the site, etc.		
			<b>CONNECTIONS</b>	<b>\$1,410,000</b>	
		1. Trail	New Multi-Use Regional Trail - NM 599 ROW Underpass Connector Trail	\$500,000	
			A new multi-use regional trail will provide a safe off-road connection to the LTT trail system by making use of the existing NM 599 underpass (west of NM 588 / 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 588) to a new trailhead north of Unity Church and terminate at a new large trailhead parking area at the Frijoles Arroyo / Montoya intersection.		
		2. Trail	New Multi-Use Regional Trail - Dog Park to NM 599 Connector Trail	\$300,000	\$300,000
			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 mi trail will connect from the Frank Ortiz Dog Park to the NM 599 underpass trail.		
		3. Trail	New Multi-Use Regional Trail - North of NM 599	\$300,000	\$300,000
			A new ca. 0.65 mile multi-use regional trail will provide a safe off-road connection from the new 'Frijoles' trailhead north to a new expanded cat tower trailhead.		
		4. Trailhead	New / Repair Malia Park N Ride	\$50,000	\$ 50,000
			New trailhead and wilderness trail connection at the Park-n-Ride along Calle Mejia with signage.		
			<b>MASTER PLAN</b>	<b>\$1,500,000</b>	
		1. Trailhead	New ATV / MX Trailhead	\$100,000	
			New ca. 0.3 mi access road and trailhead parking (16 vehicles w/ trailers) for dedicated motorized ATV/MX Park. The new ATV/MX Park will have a perimeter fence, stanchion, trail and maintenance access, and site amenities.		
		2. Trailhead	Expansion Unity Church Trailhead	\$150,000	
			New trailhead north of Unity Church with parking area for up to 30 cars; trail and maintenance access, signage, and site amenities.		
		3. Trailhead	New 'Frijoles' Trailhead	\$175,000	
			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.		
		4. Parking	New Pipeline Event Parking	\$250,000	\$250,000
			New event parking area off of pipeline road for up to 80 cars.		
		5. Trailhead	Expansion North Trailhead	\$100,000	\$100,000
			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.		
		6. Picnic Area	New North Trailhead Picnic Area	\$50,000	\$ 50,000
			New group shade structure (18 x 36) with picnic tables (50 person capacity), 8 individual picnicking areas with connecting accessible pathway, signage, and site amenities.		
		7. Trailhead	New Southwest Trailhead Montoya - Miscellaneous Trailhead Improvements	\$5,000	
			New trail access (phone) west of Montoya to access perimeter loop trail of entire 1600-acre area.		
		8. Trail	New West Connector Trail	\$20,000	
			New ca. 0.35 mi connector trail internal to site along west property boundary.		
		9. Trail	New East Connector Trail	\$30,000	
			New ca. 0.65 mi connector trail internal to site along east property boundary.		
		10. Trail	New Central Connector Trail	\$15,000	
			New ca. 0.25 mi connector trail between existing trail south of pipeline north to ridge trail.		
		11. Trail	New Meadow Connector Trail	\$10,000	
			New ca. 0.20 mi connector trail between new regional trail to meadow trail.		
		12. Trail	New / Repair Mountain Bike Freeride Park Connector Trails	\$20,000	
			New ca. 0.40 mi connector trails around Freeride Area and connecting to BMX Park.		
		13. Trail	Repair Trail Realignment	\$20,000	
			Various trail realignments into sustainable alignments.		
		14. Trail	Repair Trail Repair / Rehabilitation	\$45,000	\$ 45,000
			Trail repair / rehabilitation for ca. 4.50 miles of trail.		
		15. Trail	Closure Trail Closure	\$20,000	
			Ca. 0.40 mi of trail to be closed and restored (old ATV / MX trail).		
		16. Trail	New / Repair Nature Trail - Northeast Corner	\$15,000	\$ 15,000
			Nature trail area restoration and trail establishment.		
		17. Technical Area	New / Repair BMX Dirt Jump Park Improvements	\$75,000	\$ 75,000
			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. **		
		18. Technical Area	New / Repair Mountain Bike Freeride Park Improvements	\$50,000	\$ 50,000
			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. **		
		19. Technical Area	New / Repair ATV / MX Park Improvements	\$50,000	\$ 50,000
			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 internal fencing and signage, beginner area track, and additional site amenities. **		
		20. Archaeological	New Archaeological Clearance for Master Plan Improvement Projects	\$20,000	
			Archaeological surveying, reporting, and clearance of areas of planned improvements.		

\*\* Although some improvements have been made (perimeter fence, perimeter signage, and water cistern installation), the skills park area requires detailed planning for its circulation, signage, features, and other amenities.



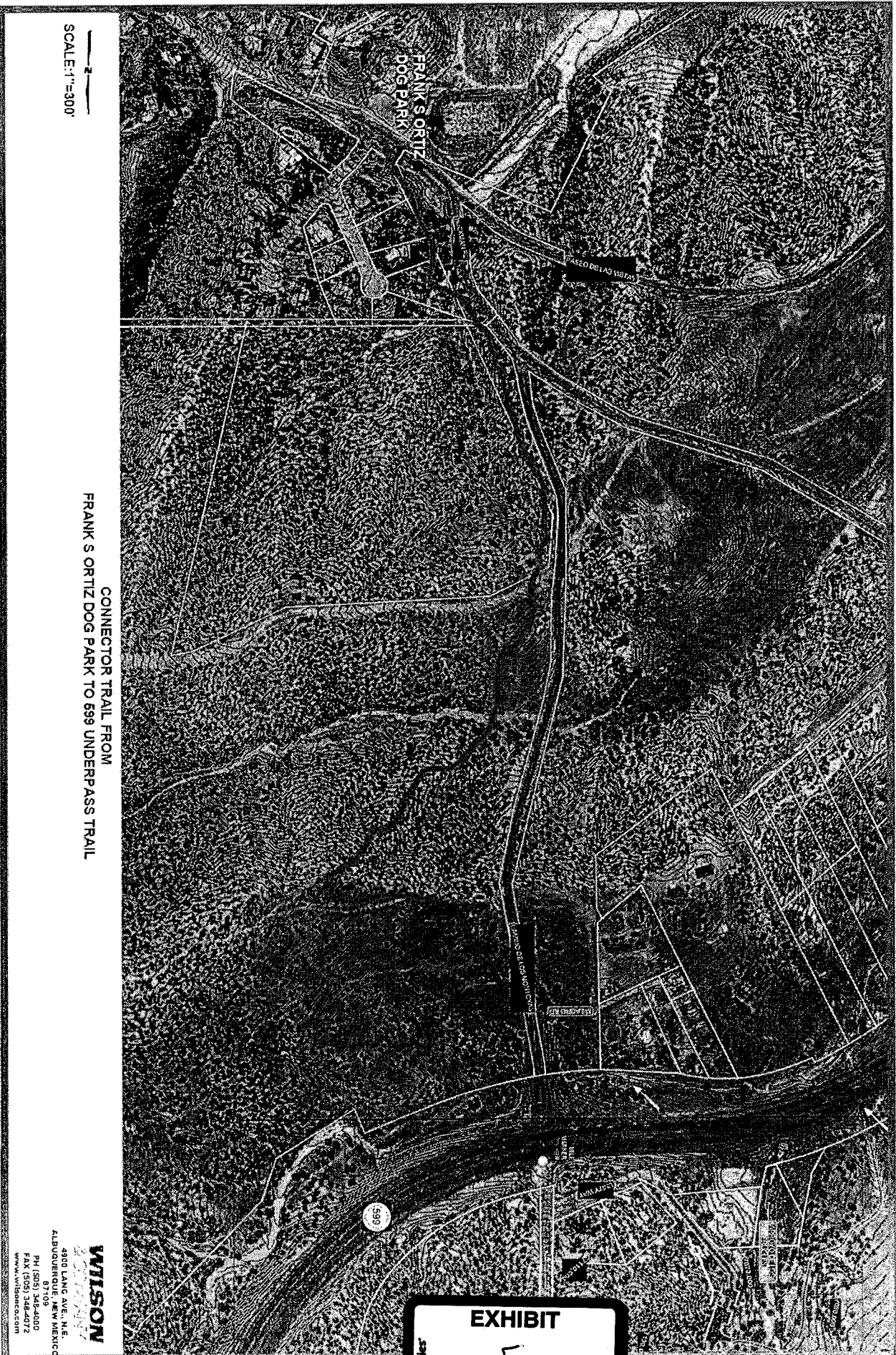
## TRAILS MASTER PLAN

design office - donald hayes trail contractor, inc. - wilson & company

## PROPOSED PROJECTS + IMPLEMENTATION TIMELINE

updated AUG 201  
AUG 201





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**EXHIBIT**  
**F**

Business Unit	Project	Original Budget	Current Budget	Contracted to date	Remaining Budget	Est. Cost to Complete	Budget Deficit	Budget Surplus
426002	Acequia Trail	Harrison to NMSD \$ 315,400.00	\$ 315,400.00	\$ 304,687.39	\$ 10,712.61	\$ 350,000.00	\$ (339,287.39)	
		Otowi to Maclovía \$ 80,000.00	\$ 80,000.00	\$ 22,411.80	\$ 57,588.20	\$ 150,000.00	\$ (92,411.80)	
		Rufina to San Felipe \$ 113,800.00	\$ 113,800.00	\$ 77,331.12	\$ 36,468.88	\$ 1,800,000.00	\$ (1,763,531.12)	
426003	Arroyo Chamiso Trail @ Santa Fe Place Mall	\$ 110,000.00	\$ 318,713.15	\$ 286,704.81	\$ 451,817.25	\$ 32,008.34	\$ 451,817.25	
426004	St. Francis Crossing	\$ 1,032,455.24	\$ 5,947,427.68	\$ 5,759,446.97	\$ 187,980.71	\$ 187,980.71	\$ -	\$ 32,008.34
426005	Rail Trail	\$ 574,750.00	\$ 574,750.00	\$ 249,649.25	\$ 325,100.75	\$ 500,000.00	\$ (174,899.25)	
426007	NW Quadrant							
426008	Arroyo Mascaras							
426009	City Wide Bike Lanes	City Wayfinding \$ 22,000.00	\$ 22,000.00	\$ 22,000.00	\$ 62,137.97	\$ 30,000.00	\$ (30,000.00)	\$ 62,137.97
426011	Tierra Contenta Trail	\$ 300,000.00	\$ 300,000.00	\$ 74,920.49	\$ 225,079.51	\$ 600,000.00	\$ (374,920.49)	
426012	Canada Rincon Trail	\$ 200,000.00	\$ 200,000.00	\$ 71,780.60	\$ 128,219.40	\$ 600,000.00	\$ (471,780.60)	
426013	MRC Trail	\$ 150,000.00	\$ 150,000.00	\$ -	\$ 150,000.00	\$ 150,000.00	\$ -	

426003	Arroyo Chamiso Trail At-Grade Crossings	\$ (3,246,830.65)	\$ 545,963.56
426002	Bridges at NMSD	\$	\$ 120,000.00
		\$	\$ 350,000.00
		\$	\$ 75,963.56



city urban trail system **works in progress**

flap trail

F1 - el camino real trail

acequia trail

A1 - rufina to san felipe

A2 - otowi to maclovia

A3 - kathryn and harrison road crossings

A4 - st. francis underpass

rail trail

R1 - pen road to alta vista

canada rincon

CR1 - calle mejia to avenida rincon

arroyo chamisos

AC1 - yucca street crossing

AC2 - camino carlos rey crossing

AC3 - avenida de las campanas crossing

tierra contenta trail

TC1 - tierra contenta-extension

MUNICIPAL  
RECREATION COMPLEX

