

In the Works....

Public Works Update – September 2018

Administration Division

Transportation Board



The Transportation Board meets the first Thursday of the month at 5:30 p.m. Meetings are held at 1000 Central Avenue, Room #110.

September 6, 2018 Transportation Board Meeting Highlights

- + Dan Erickson, Traffic & Streets Division Manager presented an evaluation of the Golf Course Crossing on Diamond Drive and the available treatments for the area. He will present to the Golf Course Sub-Committee in September and the Parks and Rec Board in October. In November the comments collected by staff will be presented to T-Board for review and consideration of a recommendation.

Airport Division

Perimeter Fence Project

The airport has secured federal and state funding, the contract has been awarded and the pre-construction meeting has been held. This project will replace the fence along highway 502 and airport road with a black vinyl-coated eight-foot chain-link fence, replaces two powered vehicle gates and three pedestrian gates. Construction is scheduled to begin in October 22nd and be completed by the end of the year.

New Aircraft Hangar Complex Construction Project



Crews from Facilities and Streets Divisions of Public Works continue to make progress on the new hangar project. Roof sheeting, door rigging, trim, plumbing and electrical remain. Construction is expected to be completed by the end of fall. The completed hangar complex will have three small hangars that will accommodate single-engine aircraft, one large hangar that can accommodate one large aircraft, and two large storage areas. The new hangars will be leased to local aviation-related businesses and private aircraft owners, producing revenue to offset airport operating costs.



“The Secret City Unlocked” Fly-In Los Alamos Tour. Los Alamos hosted 36 participants and 10 aircraft from those attending the Aircraft Owners and Pilots Association Conference in Santa Fe. The guided tour included a visit to the Bradbury Science Museum, the Manhattan Project National Historical Park, Fuller Lodge, and an opportunity to visit downtown shops. There were many citizen volunteers and county staff that made this a huge success – THANK YOU!



Custodial Division

The Custodial Division supported 230 events during the month of September.

Floor work was completed at the Teen Center, Nature Center and the Eco Station this month.

The food warmer in the Fuller Lodge kitchen was replaced with a commercial grade warmer/proofer.

Exterior window cleaning will begin this month and conclude in October.

Engineering & Project Management Division

Server Room Cooling Improvements

This project improves the reliability of the server room cooling. The curtains that separate the hot side and the cold side of the server racks were installed in February. The controls work was completed early April. The engineer analyzed the performance data after the modifications were made to the server room and controls to see if installing the bypass valve in the condensing unit would be warranted. The purpose of the bypass valve is to reduce compressor cycling. The valves were installed on one of the two condenser units. In order to ensure redundancy of the cooling system, some time has been included between each installation to confirm a smooth operation before working on the second cooling system. The installation of the second set of recirculation valves has been delayed due to the need to complete repairs on the Roof Top Unit to ensure reliability before shutting down a unit to work on it. The parts for the repairs are expected early October. The valves will be installed immediately after the repairs are complete.

Municipal Building HVAC

An evaluation was completed by a 3rd party engineer to establish the cause of the HVAC noise, they have since recommend solutions. Jaynes and their sub-contractors have agreed to perform the work which entails replacement of ducts throughout the building identified as those causing the noise.

The engineer's analysis report shows restrictions in the supply and return ducts in certain areas are causing high velocity through the ducts, oscillations in the airflow through the supply fans, and oscillations of the sheet metal ducts. These restrictions also caused a higher than necessary fan speed on one roof top unit causing even more vibrations.

Assessment of the noise levels is in progress to determine if the results are acceptable. Some additional sealing of HVAC ducts is planned for the end of September to close-up some noisy air leaks. The engineer is also working on parameters to slow down the fan speeds of the AC units to reduce the vibration and noise. This reduction in fan speed will not reduce the performance of the HVAC as the air temperature will be lowered for cooling or raised for heating and will still have the capacity.

White Rock Senior Meals Center Kitchen Equipment Upgrade

This project utilizes a grant from the State Aging and Long-Term Services Department to install additional kitchen equipment to improve the in house and delivered meals capacity. The Invitation for Bids was advertised on September 16th and closes on October 4th. Work is expected to be complete by the New Year if the kitchen equipment is available by that timeline.

Fire Station 3

The project includes reroofing, as well as a new wall system, window replacement and HVAC system modifications to better insulate and control the temperature in the bunkrooms. Bids were received, and awarded to Kha'po construction by Council at the July 10th meeting. The contractor is in the submittal phase and is scheduled to mobilize on site by the end of September. Work is to begin inside one half of the bunkrooms and on the roof over the dining hall and kitchen. Substantial completion is scheduled for January 30, 2018.

Fire Station 6 Restroom Remodels

The restrooms at Fire Station 6 (Airport) will be refurbished as it has been a little over 10 years since they were last re-done and are looking worn. Riskin and Associates, one of the County's on-call architects, completed design. Staff is holding off on advertising the project until Fire Station 3 is underway to see if any additional funding will be needed, or if Fire Station 6 will have enough funding to move forward. This should be decided by February, 2019.

Mesa Library HVAC Improvements

Work is continuing with demolition of various areas in the building to accommodate new ductwork and ceilings; removal of the fan systems; construction of the new intake structure; electric upgrades and new gas lines, which includes a relocation and a new service line; installing new controller valves on the air distribution boxes above ceilings; and other associated work. One of the partial day shutdowns to install a new electric junction box is now complete. A second shutdown will be required to shift to the 480-volt electric system.

The contract has been adjusted to move one milestone date from November 16th to the 28th. This additional time fits within the planned contingency time, thus keeping the original planned library re-opening date on December 4th. However, the filter back vendor is offline because of hurricane Florence and not sure when the plant will be back online.



Library Air Intake and Waterproofing



Connection between new and old Intakes

LAPD Remodel for Sheriff's Office

A new office space for the County Sheriff's office is being designed inside the Justice Center to allow the public better access. The new entrance will be on the Trinity side of the station. It will consist of an office for the Sheriff and one office space for an Administrative position. Currently, visitors to the Sheriff's office need to be escorted through the Records area, which is not ideal, either for the visitors or staff. Design will occur in October with construction occurring before the end of the year.

On Call Construction Services

An RFP is being developed to provide on-call facility work as needed for smaller projects that are small in scale to go out to bid individually or that need to be fast-tracked. Remodels, smaller mechanical, electrical and plumbing jobs would fall into this category, generally less than \$200,000 each, many being \$50,000 or less.

Canyon Rim Trail Phase 3

The County has been working with the consultant to prepare to obtain easements with the private owners, by first obtaining property appraisals, within the project limits between Knecht Street and the 20th Street Extension. A presentation was made to the membership at the American Legion, one of the properties where an acquisition is needed. We are awaiting a response from them following their September board meeting.

Canyon Rim Trail Underpass

The project was awarded federal FY2018 funding under the Transportation Alternatives Program (TAP) for project study and design in the amount of \$320,000 and FY2020 TAP funding for project construction in the amount of \$2,020,000 for a total award of \$2,340,000.

A kick-off meeting with Wilson and Company was held on April 26 to begin the design process for this project. Preliminary Alignments have been received by staff. The first public meeting will be held July 26th at the Arts in Public Places Board, followed up by an August 2nd presentation to the Transportation Board and August 9th presentation to Parks & Recreation Board to discuss the scoping report and conceptual design. Minor feedback was obtained and will be considered. The consultant has now submitted the 60% design, and a design review meeting was held with the whole project team on September 18th. Follow up design meetings are anticipated in October for utility coordination and NMDOT maintenance agreements, since this project crosses through NMDOT Right-of-Way.

DP Road and Utility Infrastructure Improvements Project

The USDOT BUILD (Better Utilizing Investments to Leverage Development) Grant application was submitted on July 19, 2018, for the DP Road and Utility Infrastructure Improvements Project. The request was for \$5 million for new asphalt road surfacing, pavement markings, concrete sidewalks, curb and gutter, ADA curb ramps, drive pads, storm drains, street lighting, and landscaping improvements. One million dollars was also requested for the replacement of the existing utilities (gas, water and electric) that will be impacted by the roadway construction. The grant awards are scheduled to be announced by December 18, 2018.

North Mesa Phase 2 Improvements (Cumbres del Sol Subdivision)

This North Mesa pavement rehabilitation project is located on Camino(s) Manzana/Mora/Cereza. The project entailed a new asphalt roadway, new compacted base, and intermittent concrete sidewalk, drive pads, curb & gutter, ADA curb ramps. The project has reached substantial completion and is fully open to the residents. The Contractor is working on corrective punch list items followed by the completion of the landscaping in disturbed areas. The project was a success as it finished on-time and under budget. Several residents have commented on the finished product and were thankful for the work.



- **NM 4/East Jemez Rd. (Truck Route) Intersection:** Staff continues to work with DOE, NMDOT Bandelier, and Army Corps of Engineers to program, design and construct intersection upgrades to improve capacity and safety. The USACE has entered into a design contract with Bohannon Huston, a Civil design consultant, to study and design the intersection. A follow-up meeting with all stakeholders was conducted September 18th and a final report is anticipated in October. The report will document a preliminary estimate for the preferred alignment. DOE will, at that time, evaluate whether or not the remaining SEP funds available would be sufficient to construct the project. A presentation to the Transportation Board is scheduled for October 4th.
- **NM 502 Reconstruction, Knecht St. to Tewa Loop:** Staff continues to coordinate with NMDOT on this state lead project. NMDOT bid the project for a fourth time on August 17th and received two bidders. On September 20th the County received word from NMDOT management that the contract was awarded to the low bidder, Star Paving, and a schedule will be forthcoming.

Environmental Services Division

Los Alamos County Landfill Gas (LFG) Update

This is a summary of results for August 2018 methane monitoring for the Los Alamos County closed landfill.

1. The monitoring probes near the boundary of the landfill ranged in methane concentrations from 0.0 (MP-8R, MP-9R, and MP-10R) to 1.5 (MP-11R) percent gas in air.
2. The landfill gas extraction wells ranged in methane concentrations from 6.1 (EW-2R) to 57.4 (EW-18) percent gas in air.
3. The LFG vents and gas probes previously monitored and tracked during our monthly compliance monitoring at Los Alamos are not part of this month's data. These extraction locations have been recently decommissioned following the site's transition to the permanent GCCS system that started-up on July 12, 2018.

Curbside Yard Trimmings Roll Cart Update

The yard trimmings roll cart program began on July 9, 2018. Environmental Services staff delivered over 3,200 roll carts with another 300 registered to receive on in the next phase, this is 50% of the residential customer base. By implementing the yard trimming roll cart, Los Alamos residents have an opportunity to divert 14% of our waste stream from the landfill each year. The diversion efforts have the potential to divert 1,107 tons of yard trimmings annually and will reduce hauling and disposal costs, greenhouse gas emissions, and provide high-quality garden and landscaping materials for residents. During the first three months of collection Environmental Services collected almost 200 tons of yard material.

Recycling Service

With the change in the recycling schedule over 300 residents requested an upgrade to a larger or additional roll-cart. Environmental Services has filled many of the requests and has received an additional 324 - 96 gallon recycle roll-carts and began to distribute them to the remainder of customers who have requested them.



Recruitment

Environmental Services is currently recruiting for an office specialist. Recruitment closed on Thursday, August 30, 2018 and interviews were conducted September 20 and 21, 2018.

Residential Sustainability Report



Residential Sustainability Report

Service Period: August 2018

July Diversion Rate: 26% - August Diversion Rate: 28%

A 9% Increase in Diversion

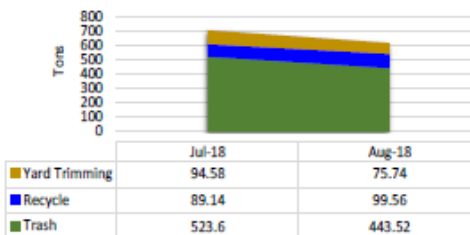
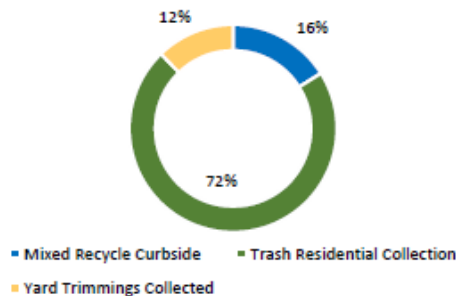
The *diversion rate* is the percent of materials recycled and composted.



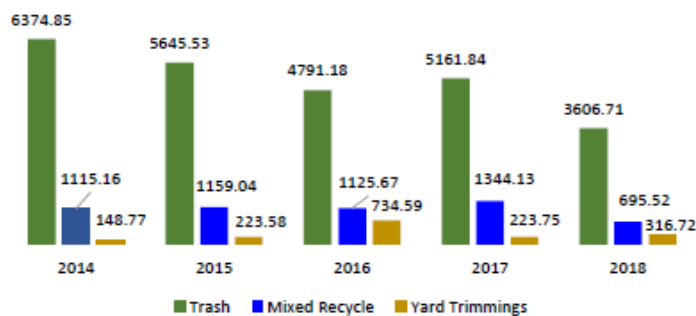
LOS ALAMOS

Monthly Collection Report

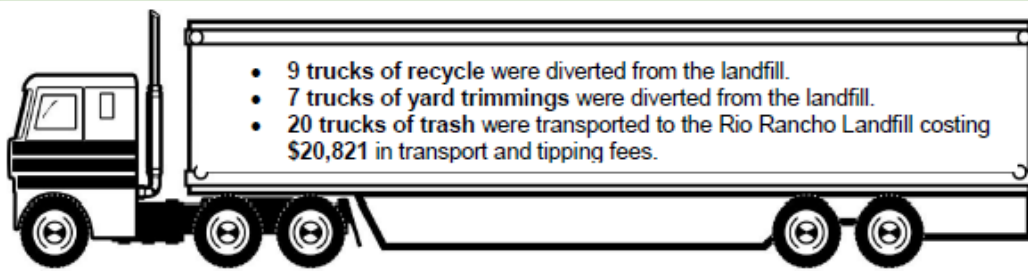
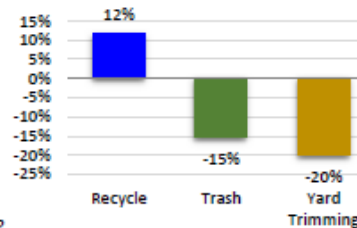
Monthly Curbside Collection Tonnage



Annual Report Center



% Change Previous Month



For more information contact Environmental Services Division at 505.662.8163 or email solidwaste@lacnm.us

Facilities Division

Golf Course Bathroom Odor

Facilities staff worked over the last weeks to perform tests at the Golf Course in which smoke was forced into the sewer vent to identify the location within the building where the sewer vent was not properly sealed and thereby leaked fumes into the men's restroom in the building. Two tests were performed which clearly identified a defective urinal as the source of the sewer gas intrusion into the building. The faulty urinal is now scheduled for replacement which is expected to fully resolve the issue.

Heater Coil Replaced at the Police Department

As the seasons turn from summer to fall, heating system concerns have started to appear such as that in the Police Department's Administrative area. Facilities staff have replaced two failed coils that prevented the system from working properly. The system will now be purged and recharged to get things up and running normally again.

Ice Rink Locker Room Heater and Rink Glass

Another sign of the season is the work being done at the ice rink in preparation for the upcoming season. Along with the typical re-painting and touch-up work that happens annually, this year the heaters in the locker rooms are being replaced to ensure that the occupants enjoy indoor temps before they head out into the winter cold. A broken glass panel is also on the list of items that will be replaced before the facility is in shape for the season to begin.



Wood Frames Build for the CAO & CMO Offices



Facilities staff are working to build custom frames for the display at the County Manager's Office and the County Attorney's Office. Once the materials pictured here are assembled into the final product, they will be used to frame maps to be displayed in the offices noted above.

Fleet Division



Raul Lujan has just celebrated 5 years of service with Los Alamos County. He started at the Fleet shop as a Mechanic and has worked his way up to Shop Foreman.

[illegible]

Auction of FY18 Equipment that included automotive unit, mowers, and snow equipment.

Traffic & Streets Division



Crews mowed county ROW's in several locations.



Traffic Electricians assisted and supervised the installation of the traffic signal pole at Diamond Drive and Arkansas. This pole was knocked down in an accident and had to be replaced. Electrical Contractor Bixby Electric was hired to do the installation.



Concrete has been replaced around Urban Park. This work is part of a larger concrete replacement project happening throughout the County where a contractor is replacing broken and severely damaged concrete in neighborhoods around Urban Park, along Orange Street as well as some areas in the Eastern Area.



Crews crack sealing roads in White Rock, La Senda and Pajarito Acres in anticipation of micro-seal application anticipated to happen in October.



Crews have continued replacing crosswalks and repainting bike symbols, and turn arrows on Diamond Dr.

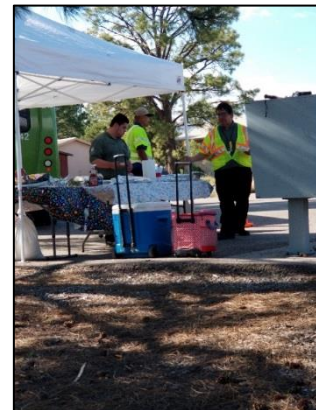


Crews have been clearing brush and branches around signs countywide.



Traffic and Streets Division welcomes Charles Romo, Equipment Operator. Charles started working with the County on Monday, September 24th. Welcome to Traffic and Streets Charles!

Transit Division



Bandelier with the Los Alamos Opera Guild held the 7th Annual Opera on the Rocks on Saturday, September 15, 2018. This family friendly event was a great success with beautiful weather. Atomic City Transit transported a total of 221 passengers with total of 369 miles. Employees used the time to have a meal while waiting for their passengers.



Atomic City Transit assisted Leadership New Mexico with transportation service on September 19 – 21, 2018 while beginning their fall events. A total of 210 passengers utilized the service during the three-day event.



Atomic City Transit would like to welcome our new employees to our team.



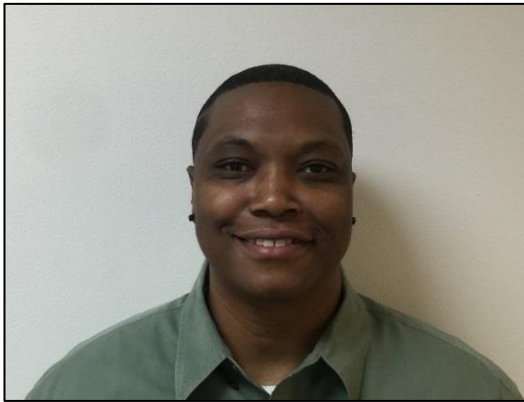
Matt Wagner, Transit Operator 1



Stass Snapp, Transit Operator Trainee



Tiffany Pegoda, Senior Office Specialist



Reme Brown, Transit Operator 1



Michael Richins, Transit Operator Trainee

On April 5, 2018 the Transportation Board approved phase one of Atomic City Transit Bus Stop Improvement Plan. With hard work from the Public Works, Engineering Division, phase one is starting with Route 6, and have now completed seven additional stops in White Rock on the 2T Route.



Meadow Lane and Isleta Drive – Stop #582



Grand Canyon & Ridgecrest South - #587

The last Gordon Summer Concerts of 2018 was Friday, August 31, 2018. This great summer event was wonderfully attended.

2018 Friday Night Concert Totals

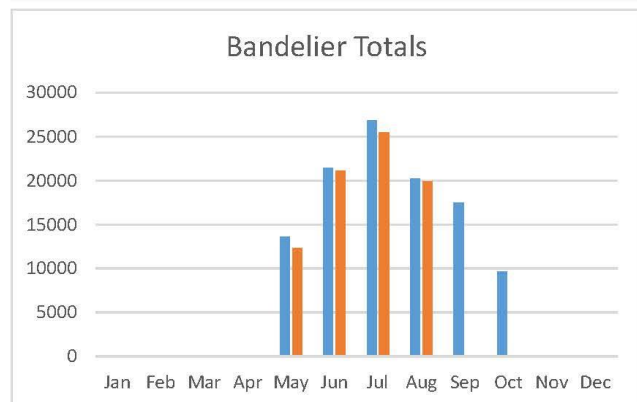
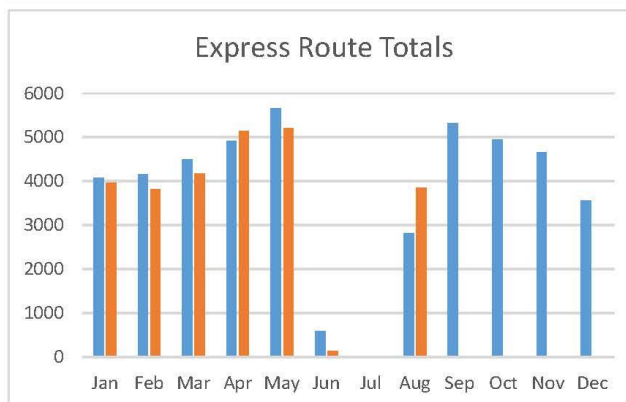
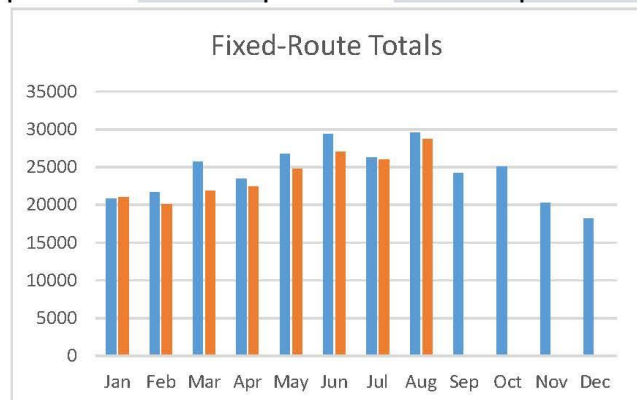
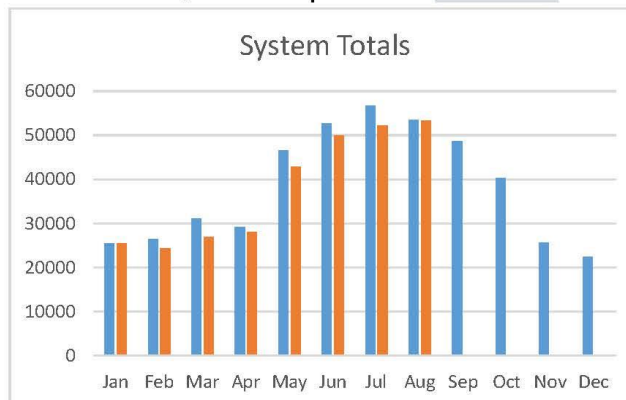
Route	Adult	Student	Senior	Bike	Lift	Unlinked Passenger Trips
White Rock	135	158	5	4	1	303
<i>North Mesa</i>	<i>198</i>	<i>166</i>	<i>24</i>	<i>5</i>	<i>-</i>	<i>393</i>
<i>North Community</i>	<i>61</i>	<i>57</i>	<i>19</i>	<i>1</i>	<i>-</i>	<i>138</i>
Los Alamos Routes	259	223	43	6	-	531
<i>Dial-a-Ride</i>	<i>76</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>76</i>
<i>Dial-a-Ride Extension</i>	<i>47</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>47</i>
Dial-a-Ride Total	123	-	-	-	-	123
Supervisor	11	-	-	-	-	11
Fixed Route Total	394	381	48	10	1	834
Demand Response Total	134	-	-	-	-	134
Concert Total	528	381	48	10	1	968



August 2018 Ridership Report

LOS ALAMOS

Route	August Trips			Aug. Rev. Miles		Aug. Rev. Hours		YTD Trips
	2017	2018	% Chg	2017	2018	2017	2018	2018
1 Downtown	7,962	7,681	-3.5%	4,145	4,145	343.5	343.5	48,270
2M White Rock - Main Hill	3,729	3,098	-16.9%	8,254	8,254	311.3	311.3	21,241
2T White Rock - Truck Rt	2,352	1,969	-16.3%	7,616	7,616	300.2	300.2	13,713
2P White Rock - Peak	-	511	0.0%	-	2,608	-	96.3	4,119
3 Central / Canyon	3,315	3,118	-5.9%	5,845	5,845	292.1	292.1	23,621
4 North Community	3,760	3,741	-0.5%	4,235	4,235	299.0	299.0	22,139
5 Barranca Mesa	1,971	1,938	-1.7%	4,654	4,654	296.3	296.3	13,293
6 North Mesa	6,458	6,684	3.5%	6,592	6,592	445.8	445.8	45,311
Fixed-route subtotal	29,547	28,740	-2.7%	41,343	43,950	2,288.1	2,384.5	191,707
7 North Mesa Expr	796	1,038	30.4%	231	243	13.9	14.4	6,894
8 North Community Expr	444	577	30.0%	83	90	5.6	6.1	4,588
9 Aspen Expr	501	735	46.7%	64	69	4.5	4.9	4,674
10 Barranca Expr	663	835	25.9%	107	116	6.7	7.2	5,778
11 White Rock Expr	417	657	57.6%	219	236	8.7	9.3	4,321
Express route subtotal	2,821	3,842	36.2%	705	753	39.5	42.0	26,255
12 Bandelier	20,189	19,875	-1.6%	14,176	14,176	553.0	553.0	78,761
Dial-a-Ride	119	112	-5.9%	733	752	46.0	47.0	775
ACT Assist	510	464	-9.0%	4,507	3,535	224.0	193.0	3,434
Special Services	189	204	7.9%	1,175	1,270	45.0	58.0	1,971
System total	53,375	53,237	-0.3%	62,638	64,436	3,196	3,277	302,903



■ 2017 ■ 2018

Total Passenger Trips to Date: 5,049,501



From: Mark Peters <mvp546@q.com>

Sent: Sunday, September 23, 2018 8:49 PM

Subject: A very big thank you for the help with the AOPA fly-in Secret City Tour

The AOPA Fly-in went off like a well-oiled machine, everything went like clock-work more or less.

A VERY BIG THANK YOU goes out to committees on the Los Alamos County side and local aviator enthusiasts for putting this together.

The marshaling of the arriving aircraft went off without a hitch. At 0730 everyone received their final tasking & safety briefing from the AirBoss, Will Fox, and then the first of 10-aircraft started showing up by 0820 (of course fashionably late). The aircraft arrived at a nice steady pace which gave the cadets who did all the marshaling adequate time to marshal the aircraft to a predetermined tie down position. They then assisted the aircraft owners to secure each of their very special babies. Then the cadets would reset and do it again until the last one landed at 0930.

Los Alamos Composite Squadron members and parents please give a very BIG THANK YOU to:

Cadets,

2Lt. Silas Morgan,

2Lt. Jack Stafford,

SSgt Gavin Robles.

Seniors,

2Lt, Robert Miller,

2Lt, Keith Morgan,

Special thanks to AirBoss, Will Fox

Operation Chief, Lloyd Hunt

Jon Bulthuis who filled in for Cameron Humphres, LAM's airport manager.

Kerry Habiger for bringing out the AOPA 1966 V35 Beechcraft Bonanza which local pilot Norman Elliott won back in January of 2002.

All these folks took personal time out of their busy schedules (some even got out of school to help out, mums the word)

but by donating their time it made this event a safe and functional event.

On a personal note, it is always a joy to work with our local squadron members and our local aviation enthusiasts.


Job well done.

Enjoy the pictures.

Maj. Mark V Peters



Traffic and Streets crew assisted in the Tour de Los Alamos Bicycle Race September 23rd. The organizer of the event, Cyndi Wells, gave Kudos to everyone who assisted:



Cyndi Wells shared a post to the group: KEEP IT LOCAL- Los Alamos. 2 hrs · 📍

And, thank you to the community for helping keep the racers safe with some careful driving out there. I know that the race can cause a few minutes delay in travel. We had racers from TX, other places in NM, and CO. They were impressed with our driver courtesy and loved the race. 😊

THANKYOU

Tour de Los Alamos Bicycle Race 4 hrs · 📍

Like Page

Thank you to everyone for a great day of racing! Thank you to the racers for coming out and their hard work. This isn't an easy course, for sure. We had *over 40* volunteers. Thank you, Volunteers, for making sure the race went smoothly. We were floored by the superb support of the Los Alamos Police Department. Thank you to Commander Morris for coordinating LAPD's effort. Los Alamos National Laboratory also played a large part in ensuring a smooth day of racing; thank you to Security, Traffic, Emergency Operations, and the Community Programs Office. We appreciate Gravity Worx coming out and providing (free) bike tech support. Los Alamos Fire Brigade provided excellent medical support and swept the course for us, too. It was a beautiful day to be on the Bathtub Row Brewing Co-op patio; thanks for letting us use it. And, thank you to Pasta Paradiso for catering for us outside of their normal hours. The food was fantastic. Thanks again to everyone for making it a great day of racing. Results will be posted to the website soon, along with the Volunteer Appreciation and Racer Awards Ceremony photos. We hope to see you all back next year. #lovelosalamos

17 1 Comment

Like Comment



Cyndi Wells I should also give Darby Martinez at the County a shout out for her help in figuring out who to try to contact re: road construction and for other issues. She went above and beyond getting the LA County Traffic Permit into the system. She was very professional in her interactions.