

In the Works....

Public Works Update – July 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.

✚ The July 12th Transportation Board meeting was cancelled.

Airport Division

Perimeter Fence Project



The Los Alamos Airport issued a request for bids to replace the existing perimeter fence adjacent to highway 502 and Airport Road. Bids were received on June 13th. Due to recent increases in steel prices, the apparent low bid amount was more than available grant funding. Airport staff is working with the FAA and NMDOT to secure additional funding and/or rescoping of the project. If funding/re-scoping is successful, construction is expected to begin later this fall and completed by the end of the year.

New Aircraft Hangar Construction



Hangar construction was temporarily delayed due to some changes in the International Building Codes requirements for wind loads. The county contracted the necessary engineering analysis and submitted the results to the state. The state has determined the building meets the applicable requirements and has reissued the building permit. Construction has resumed and the project is expected to be completed by the end of the summer.

Mowing Operations



Tall vegetation on an airfield attracts wildlife that can be hazardous to aircraft operations. The USDA noted in its February 2017, Wildlife Damage Management Technical Series, "Collisions between aircraft and wildlife (wildlife strikes) are common occurrences. Wildlife strikes are not only numerous, but also costly. Estimates suggest that wildlife strikes cost the civil aviation industry in the U.S. up to \$625 million annually, and nearly 500 people have been killed in wildlife strikes worldwide. Most wildlife strikes occur in the airport environment: 72 percent of all strikes occur when the aircraft is 500 ft or less above ground level, and 41 percent of strikes occur when the aircraft is on the ground during landing or takeoff. Thus, management efforts to reduce wildlife hazards are focused at the airport." The most effective technique for reducing wildlife hazards at airports is reducing/controlling attractants. Therefore, in an effort to

mitigate wildlife hazards, Streets and Airport staff conduct frequent mowing operations on the airfield throughout the growing season.

Custodial Division

- ✚ The Custodial Division supported 226 events during the month of July.
- ✚ Our vacant custodial position was filled on July 16 so our division is now fully staffed.
- ✚ The wood in the Justice Center courtrooms was treated and resealed.
- ✚ Two staff assisted with another successful ScienceFest which for the first time had their beer garden and booths on the patio and grass at Fuller Lodge.

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. It was determined that these valves would be installed. This installation has been delayed due to the contractor's staff availability. The valves will be installed on August 1st and then August 8th on each of the two condenser units. To ensure redundancy of the cooling system, a week has been included between each installation to confirm a smooth operation before working on the second cooling system.

Municipal Building HVAC

The work on improving the restrictions in the HVAC ducts started on July 3rd on the 1st floor at Customer Care. Customer Care staff was relocated into the Boards and Commissions Room. Staff was initially stationed in the lobby to help direct the public to Customer Care. Service has carried on as usual with no disruption in service. Work is being carried out at night and on weekends to install an additional duct Customer Care and in the Community Development Department and Public Works suite. Beginning on July 25, the contractor will be working on the 3rd floor in three locations. Work is planned to continue on nights and weekends to avoid interference with normal business hours and not disturb employees with the construction noise and the occasional need to shut down the HVAC to work in the ducts. Jaynes is about a week ahead of schedule and is expected to complete the work mid-August.

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 FS3 is underway to see if any funding will be needed or if FS6 can move forward. This should be decided by October hopefully.

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. Paper work is in the process and a Notice to Proceed is pending, work is anticipated to begin in late August/early September.

Mesa Library HVAC Improvements

The project was re-bid and subsequently awarded May 22 to replace the entire HVAC system, change the fluorescent lighting to LED, clean the duct work and tint the large skylight. The project was awarded to Mick Rich Contractors, and a Notice to Proceed date has been set for July 2.

The main public area of the library is scheduled to be closed from August 20th to December 3. Work is scheduled to begin on the new air intake and possibly for the new electrical service the week of July 23.

Public Works and Community Services Department staff are working closely to provide alternative accommodations to the public so that many library services are mostly maintained during this time. Library staff is in the process of planning and packing for the move to the other locations (Fuller Lodge 2nd Floor West Wing for Youth Services and White Rock Branch Library) in anticipation of the August 20th closure date. Some programs will occur in Fuller Lodge, others at the WRBL as well as Ashley Pond bandstand. There may be one or two additional days where the entire library is closed as the electric service is switched, public notice will be given in advance for this work.

Water Production Air Conditioner Replacement.

The original air conditioner for the SCADA area has failed. Temporary measures were put in place to maintain the proper temperature for the computers. Trane was contracted through the County's On-Call Contractor contract to remove the inoperable AC units and replace them with a new and larger unit. Work was completed in July.

Canyon Rim Trail Phase 3

The easements for DOE property along the preliminary alignment were approved by Council on March 22nd. The County has been working with the consultant to prepare to obtain easements with the private owners within the project limits between Knecht Street and the 20th Street Extension. A presentation was made on July 11th to the membership at the American Legion, one of the properties where an acquisition is needed. We anticipate a response from them in August following their next 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 was held July 26th at the Arts in Public Places Board, followed up by a presentation to the Transportation Board and Parks & Recreation Board in early August to discuss the scoping report and conceptual design.

North Mesa Phase 2 Improvements (Cumbres del Sol Subdivision)



The North Mesa pavement rehabilitation project is located on Camino(s) Manzana/Mora/Cereza. The project entails new compacted base, new asphalt throughout, and intermittent concrete sidewalk, drive pads, curb & gutter, ADA curb ramps, as needed. Construction began the week of July 9, 2018 and Star Paving worked on removing drive pads, sidewalk and curb & gutter along Camino Mora and Camino Cereza. Concrete was poured on Friday July 20, 2018. Juan Rael, Project Manager met with several residents within the

project limits to explain the impacts in front of their residences. 48-hour notice is given to those residents affected by the drive pad construction. Demolition and new concrete will continue along Camino Mora and Camino Cereza before moving to Camino Manzana. The concrete work will be first on all streets, then the milling and paving operation will commence. Asphalt milling is anticipated to start in late August.

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.



Future Projects...

- 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 is expected to be held in mid-August.
- 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 third time on December 15th and received no bidders. The County awaits further information from NMDOT management on the future of the project.

Environmental Services Division

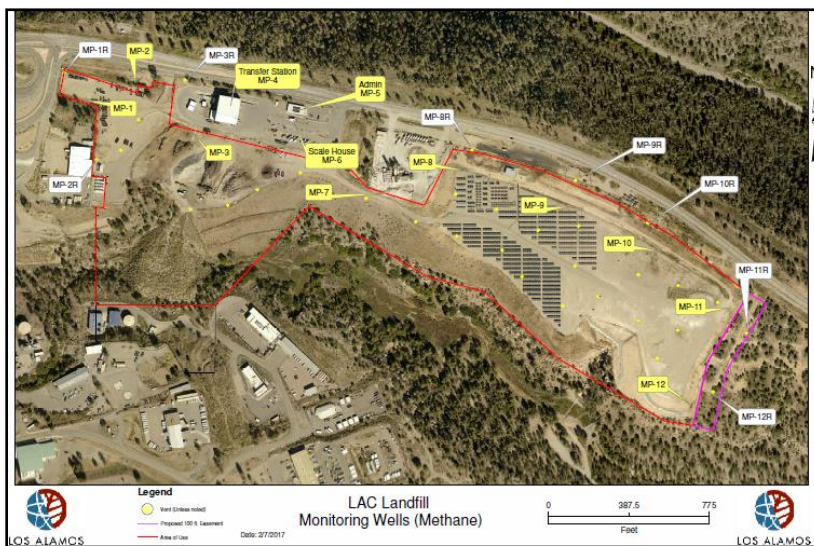
Los Alamos County Landfill Gas (LFG) Update

A construction contractor, AEG/Tetra Tech, has completed construction of the permanent methane gas extraction system, technically referred to as the LAC Landfill Gas Collection and Control System. The Gas Collection and Control System was started up on July 13, 2018, and is designed to keep methane gas from migrating off site.



This is a summary of results for June 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-10R) to 10.5 (MP-11R) percent gas in air. Only Probe MP-11R exceeded the 5 percent gas in air limit this month.
2. 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 in preparation for the site's transition to the permanent GCCS system scheduled for startup on July 10, 2018.



Curbside Yard Trimmings Roll Cart Update



The yard trimmings roll cart program began on July 9, 2018. Environmental Services staff delivered over 2,500 roll carts, this is nearly 35% 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.

The first week of collection Environmental Services collected over 17 tons of yard material and is expecting that number to increase as the program expands.

Training

Environmental Services staff participated in an Asbestos Awareness training provided by DC Environmental. The training was provided to ensure staff had the knowledge and training to identify asbestos containing material before it is brought to the transfer station for disposal.

Recruitment



We would like to welcome our new operator Isaac Quintana to our team.

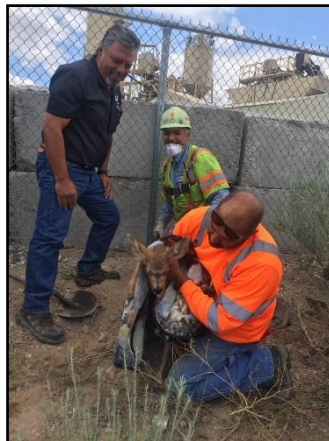
2018 Science Fest



On July 18th Environmental Services hosted a booth at Science Fest. Below members of the Environmental Sustainability Board educated the public about the road to zero waste. Zero Waste is a new initiative Environmental Services is promoting in an effort to reduce the amount of waste sent to the landfill.

Wildlife

Lead Equipment Operator Derrick Voight and Senior Equipment Operator John Mascarenas rescued a deer fawn that was stuck in the fence between the landfill and Los Alamos Transit Mix. We would like to thank Derrick and John for their kind action



Residential Sustainability Report



Residential Sustainability Report

Service Period: June 2018

Recyclables Collected: 85.26 tons

Trash Collected: 437.29 tons

Yard Trimmings Collected: 33.37 tons

Total Material Collected: 555.92 tons



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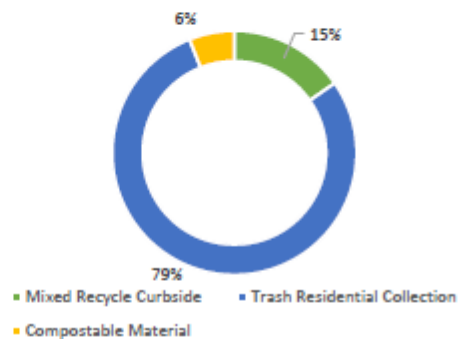
Monthly Collection Report

May Diversion Rate: 17%

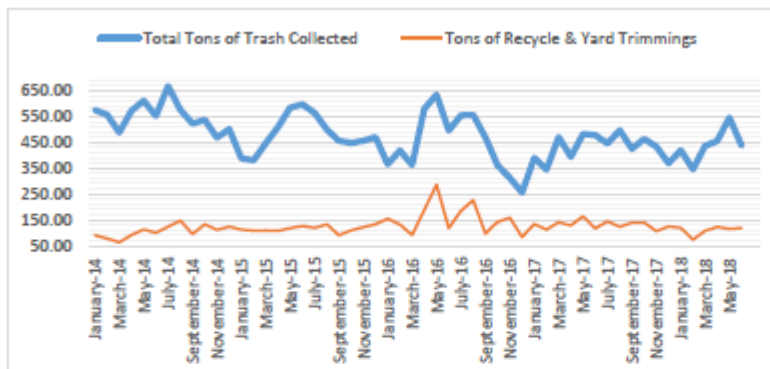
June Diversion Rate: 21%

A 23% Increase in Diversion

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

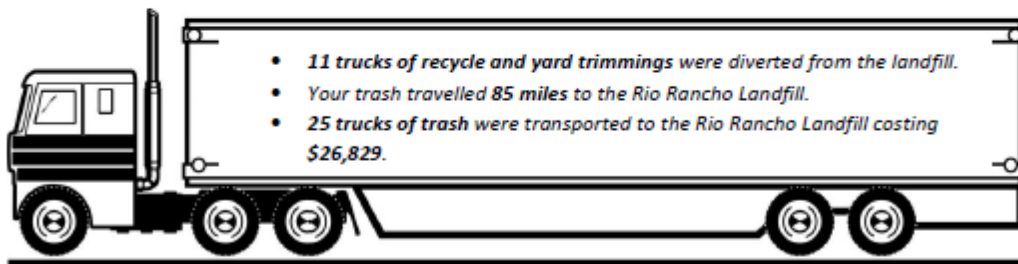


Month by Month Recycling Comparison



Benefits of Recycling

Recycling of aluminum cans saves 95% of the energy required to make the same amount of aluminum from its virgin source. One ton of recycled aluminum saves 14,000 kilowatt hours (Kwh) of energy, 40 barrels of oil, 238 million Btu's of energy, and 10 cubic yards of landfill space.



- 11 trucks of recycle and yard trimmings were diverted from the landfill.
- Your trash travelled 85 miles to the Rio Rancho Landfill.
- 25 trucks of trash were transported to the Rio Rancho Landfill costing \$26,829.

Facilities Division

Airport Hangar Electrical System



Facilities Division electricians are working to make modifications to the electrical system in an existing airplane hangar recently purchased by the County. The work will not require new fixtures or outlets - but conduit and new connectors are being installed to bring the facility up to current electrical code.

Pajarito Complex Security Gate



An automated operator has been installed on the new gate designed to better secure PCS buildings #1, #4, and #5 located outside the yard. The gate is now programmed for automated closure to prevent entry during the overnight hours and on weekends. Vehicles needing to exit from within the gate can now do so without the need to stop and unlock the chain previously used to secure the gate after hours.

Golf Course Patio Enclosure Repair



The patio enclosure at Cottonwood on the Greens suffered damage from a burst of extremely high wind such that the pictured exit door was completely blown off the frame and several windows in the canvass siding were stressed to the point of beginning to tear apart. Facilities Division staff worked to purchase the necessary hardware to repair the door and reinforced stitching was done to the canvass around window areas where necessary.

Mesa Library Elevator Refurbishment



Concurrent with the HVAC renovations to occur during the Mesa Library closure (beginning on August 20th) the elevator that has serviced the building since it's opening will be completely refurbished with new mechanical equipment and technology. The process will take three to four weeks, but since the timing will coincide with the planned closure, patrons will not be inconvenienced by this needed improvement.

Fleet Division

New Trucks

Environmental Services received two new trucks in July. The new trucks will be utilized for route collection including collection of the new yard trimmings roll-carts. In the coming weeks the trucks will be adorned with art from the winners of the competition held through Los Alamos Public Schools.



A new attachment for the Airport tractor was received, it will be used to keep the runway clear of dust and debris.



Two bikes have been added to the Bike at Work Fleet. These two bikes were acquired by Jon Bulthuis and repaired/painted by John Roberts. We are currently have a total of five bikes and building up the fleet gradually. These bikes are placed at the Municipal building for now but can be located to other County Facilities as needed.

Traffic & Streets Division



Crews installed signs and pavement markings at the new Atomic City Transit stop at East Jemez Road.



Crews were up early installing pavement markings on Diamond and Central.

Traffic Electricians have continued with the ACT shelter lighting project. They trenched for conduit at a bus shelter on Sherwood.

Traffic Electricians transported more streetlight poles to and from Albuquerque for powder coating. This is part of the Central Avenue lighting project. An accident occurred on Central Ave. near the aquatic center that damaged two of the poles which have been replaced. One of the poles was able to be salvaged and re-powder coated, the other was damaged beyond repair.



In response to a citizen request, Streets crew cleared a drainage easement at the end of San Juan on Barranca Mesa.

Crews have been working in Bio Canyon building 2 turn arounds and cutting trees that were overhanging over the road.

Crews assisted GWS with a water main break on Arizona

Crews resumed construction efforts for the airport hangar on Wednesday, July 18th.

Pavement Preservation Program – Material has been delivered in anticipation of crack sealing operations starting in White Rock.

Transit Division



The Transit Division is well into the 2018 Bandelier Shuttles season which started on May 17, 2018 and will continue through October 17, 2018. Shuttle service is provided seven days a week with 30 minutes Monday through Friday and 20-minute service Saturday and Sunday.

Additional ridership numbers for the month of June are available. A total of 21,122 trips and 13,771 miles were performed for the month of June. For the 2018 Bandelier season a total of 33,401 trips have been performed.

*Keep your ride simple...
Get on the Bus!*

DumpthePump
JUNE 21, 2018
RIDE PUBLIC TRANSIT

Now it's even easier to dump the pump and ride on Atomic City Transit with the new ACTracker!

- FIND your bus on our service map in real time
- SIGN UP for service and departure alerts
- LOCATE the nearest bus stop

Download the ACTracker "myStop" app for iPhone, or go online to www.AtomicCityTransit.com from any mobile device or computer and click on the ACTracker link.

ACTRACKER
AtomicCityTransit.com

661-RIDE (7433)

DumpthePump
JUNE 21, 2018
RIDE PUBLIC TRANSIT

One June 21, 2018, Atomic City Transit celebrated "Dump the Pump" day, promoting the use of public transportation. Thank you Los Alamos County riders.

Science Fest was held July 14, 2018 with ACT providing shuttle service around the downtown area to include the Nature Center.

Date	Route	Adult	Student	Senior	Bike	Lift	Unlinked Passenger Trips
7/14/18	Science Fest	37	18	-	-	-	55
7/14/18	Total Ridership	37	18	-	-	-	55



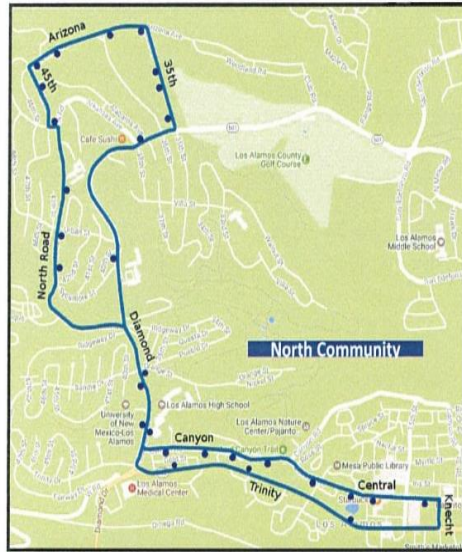
On April 5, 2018 the Transportation Board approved phase one of Atomic City Transit Bus Stop Improvement Plan. With hard work from the Public Works, Engineering Division, phase one is starting with Route 6, specifically bus stops located on San Ildefonso Rd.



Route 6 - Bus Stop #336 (San Ildefonso Rd. & Camino Redondo).

Additional improvements will continue with Route 2T in the White Rock area.

2018 Friday Night Concert Bus Service

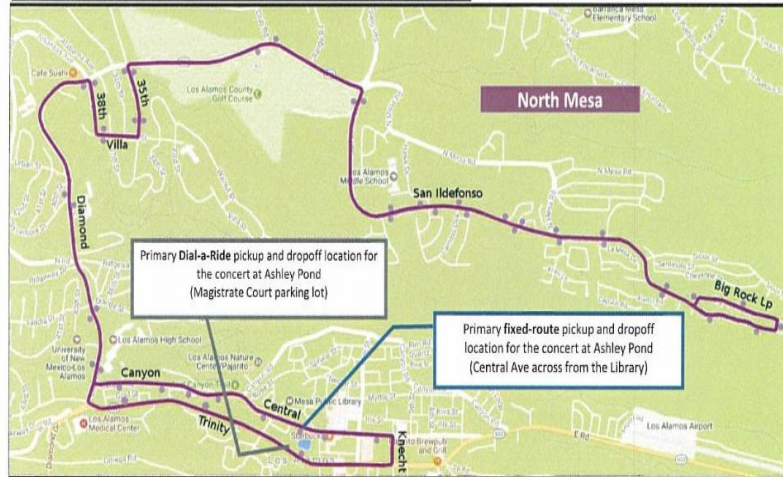


Friday Night Concert service is an extension of our fixed routes. If you would like to arrive at Ashley Pond prior to the times listed above, please see our regular fixed route schedules at www.AtomicCityTransit.com

Dial-a-Ride service is available for Los Alamos and White Rock locations that are not served via these routes from 6:30 PM to 10:30 PM. Reservations are taken up to one day in advance.

North Mesa										
Central & Mesa Library	Central & 15th	Trinity & 20th	Diamond & Orange	Villa & 37th	San Ildefonso & Mid School	Stoneview & Big Rock Lp	San Ildefonso & Mid School	Villa & 37th	Diamond & Sandia	Canyon & Gold St
						6:21 p	6:25 p	6:29 p	6:32 p	6:35 p
						6:51 p	6:55 p	6:59 p	7:02 p	7:03 p
7:00 p	7:01 p	7:03 p	7:05 p	7:08 p	7:12 p	7:16 p	7:20 p	7:24 p	7:27 p	7:30 p
7:30 p	7:31 p	7:33 p	7:35 p	7:38 p	7:42 p	7:46 p	7:50 p	7:54 p	7:57 p	8:00 p
8:00 p	8:01 p	8:03 p	8:05 p	8:08 p	8:12 p	8:16 p	8:20 p	8:24 p	8:27 p	8:30 p
8:30 p	8:31 p	8:33 p	8:35 p	8:38 p	8:42 p	8:46 p	8:50 p	8:54 p	8:57 p	9:00 p
9:00 p	9:01 p	9:03 p	9:05 p	9:08 p	9:12 p	9:16 p	9:20 p	9:24 p	9:27 p	9:30 p
9:30 p	9:31 p	9:33 p	9:35 p	9:38 p	9:42 p	9:46 p	9:50 p	9:54 p	9:57 p	10:00 p
10:05 p	10:01 p	10:03 p	10:05 p	10:08 p	10:12 p	10:16 p	10:20 p	10:24 p	10:27 p	10:30 p

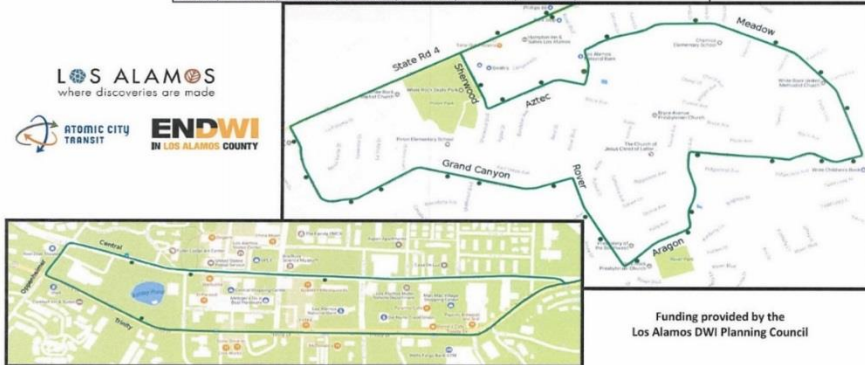
North Community										
Central & Mesa Library	Central & 15th	Trinity & 20th	Diamond & Orange	Yucca & North Rd	Arizona & 35th	Diamond & Sandia	Canyon & Gold St	Central & Mesa Library		
6:35 p	6:36 p	6:38 p	6:40 p	6:44 p	6:47 p	6:51 p	6:52 p	6:54 p		
7:05 p	7:06 p	7:08 p	7:10 p	7:14 p	7:17 p	7:21 p	7:22 p	7:24 p		
7:35 p	7:36 p	7:38 p	7:40 p	7:44 p	7:47 p	7:51 p	7:52 p	7:54 p		
8:05 p	8:06 p	8:08 p	8:10 p	8:14 p	8:17 p	8:21 p	8:22 p	8:24 p		
8:35 p	8:36 p	8:38 p	8:40 p	8:44 p	8:47 p	8:51 p	8:52 p	8:54 p		
9:05 p	9:06 p	9:08 p	9:10 p	9:14 p	9:17 p	9:21 p	9:22 p	9:24 p		
9:35 p	9:36 p	9:38 p	9:40 p	9:44 p	9:47 p	9:51 p	9:52 p	9:54 p		
10:05 p	10:06 p	10:08 p	10:10 p	10:14 p	10:17 p	10:21 p	10:22 p	10:24 p		



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where discoveries are made

Effective May 2018

White Rock								
Central & Mesa Library	Central & 15th	SR 4 & Sherwood (Visitor Center)	Grand Canyon & Sherwood	Aragon & Rover	Grand Canyon & Meadow	Sherwood & Post Office	Trinity & 20th	Central & Mesa Library
7:40 p	7:41 p	7:03 p	7:07 p	7:09 p	7:11 p	7:16 p	7:31 p	7:32 p
8:25 p	8:26 p	7:54 p	7:58 p	8:00 p	8:02 p	8:07 p	8:22 p	8:23 p
9:15 p	9:16 p	8:39 p	8:43 p	8:45 p	8:47 p	8:52 p	9:07 p	9:08 p
10:05 p	10:06 p	9:29 p	9:33 p	9:35 p	9:37 p	9:42 p	9:57 p	9:58 p
		10:19 p	10:23 p	10:25 p	10:27 p	10:32 p		



Funding provided by the
Los Alamos DWI Planning Council

Schedules for North Mesa and North Community are above and White Rock service is below. Dial-A-Ride services have also been extended for locations not services by a fixed route buses. Contact the Atomic City Transit administrative office at (505) 661-7433 to request a ride.

With the first few concerts well underway below are some ridership information and the season is off to a great start. Come enjoy the concerts with safe transportation!

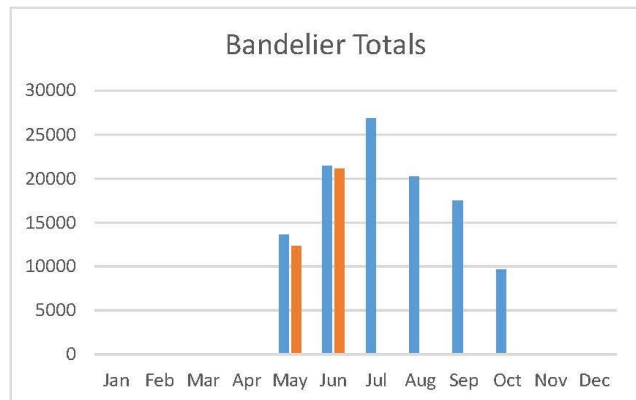
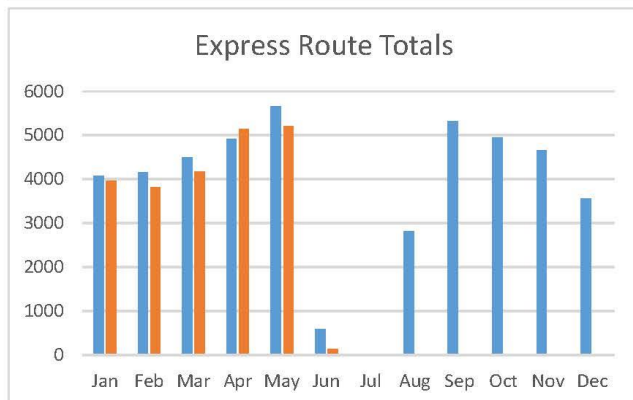
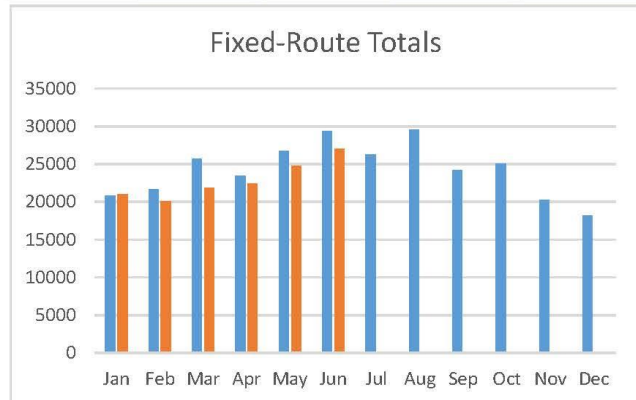
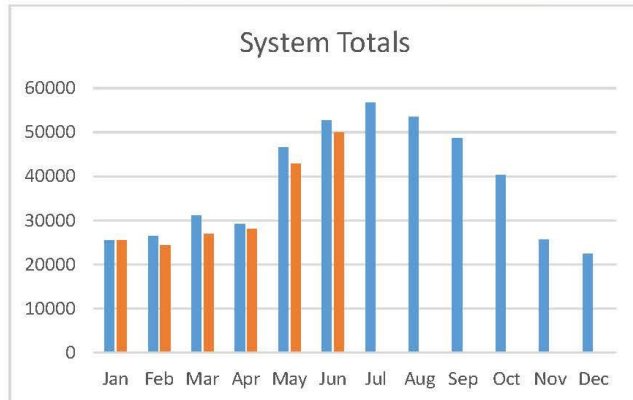
Date	Route	Adult	Student	Senior	Bike	Lift	Unlinked Passenger Trips
5/25/18	Concert Total	6	5	3	-	-	4
6/1/18	Concert Total	8	6	9	-	-	3
6/8/18	Concert Total	76	48	2	1	1	128
6/15/18	Concert Total	48	41	8	1		98
6/22/18	Concert Total	78	16	1	1		96
6/29/18	Concert Total	38	32	3			73
7/06/18	Concert Total	49	40	4	3		96
7/13/18	Concert Total	11	10	1	3		25
7/20/18	Concert Total *canceled due to rain	24	8	1			33



June 2018 Ridership Report

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Route	June Trips			Jun. Rev. Miles		Jun. Rev. Hours		YTD Trips
	2017	2018	% Chg	2017	2018	2017	2018	2018
1 Downtown	9,336	8,151	-12.7%	3,965	3,785	328.5	313.6	32,685
2M White Rock - Main Hill	3,804	3,350	-11.9%	7,895	7,537	297.7	284.2	15,439
2T White Rock - Truck Rt	2,431	2,068	-14.9%	7,285	6,954	287.1	274.1	9,788
2P White Rock - Peak	-	350	0.0%	-	314	-	53.6	2,715
3 Central / Canyon	3,413	3,020	-11.5%	5,591	5,337	279.4	266.7	17,189
4 North Community	3,104	3,208	3.4%	4,051	3,867	286.0	273.0	15,330
5 Barranca Mesa	1,915	1,660	-13.3%	4,451	4,249	283.4	270.6	9,689
6 North Mesa	5,320	5,000	-6.0%	6,306	6,019	426.4	407.1	33,767
Fixed-route subtotal	29,323	26,807	-8.6%	39,545	38,061	2,188.6	2,142.7	136,602
7 North Mesa Expr	309	60	-80.6%	32	16	1.8	0.9	5,856
8 North Community Expr	85	26	-69.4%	13	6	0.9	0.4	4,011
9 Aspen Expr	81	34	-58.0%	10	5	0.7	0.4	3,939
10 Barranca Expr	63	-	0.0%	17	8	1.0	0.5	4,943
11 White Rock Expr	48	8	-83.3%	34	17	1.3	0.7	3,664
Express route subtotal	586	128	-78.2%	105	53	5.8	2.9	22,413
12 Bandelier	21,444	21,122	-1.5%	13,771	13,973	537.2	545.1	33,401
Dial-a-Ride	93	88	-5.4%	638	769	41.0	45.1	554
ACT Assist	526	420	-20.2%	4,227	3,379	277.6	184.0	2,571
Special Services	649	1,261	94.3%	337	1,806	37.6	98.2	1,611
System total	52,621	49,826	-5.3%	58,623	58,041	3,088	3,018	197,152



■ 2017 ■ 2018

Total Passenger Trips to Date: 4,944,147



From: Pauline Schneider

[mailto:Director@losalamosseniorcenter.com]

Sent: Monday, July 02, 2018 4:04 PM

Thank you all so much. I had the chance to try out a new unit as I drove one of our wheelchair vehicles to Santa Fe on Friday afternoon. The reception on both ends was superb – such a difference! This will make communicating to our White Rock drivers immensely better! Thank you so much!

Pauline & the LARSO Transportation staff