

# In the Works....

## Public Works Update – November 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.

#### November 1, 2018 Transportation Board Meeting Highlights



Dan Erickson, Traffic and Streets Division Manager provided an update on the Golf Course Crossing on Diamond Drive.

### Airport Division

#### Perimeter Fence Project



Construction is underway on the airport fence project; 90% of the posts have been set and 40% of the top tubes have been installed. Crews will begin stretching the chain-link fabric the first week of December. Once the new fence is installed, crews will remove the old fence and install the new gates. The project is expected to be completed by the end of January. This project replaces the fence along Highway 502 and Airport Road with vinyl-coated eight-foot chain-link fence, replaces two powered vehicle gates and three pedestrian gates. Ninety-five percent of the project costs are covered by an FAA Airport Improvement Grant and NMDOT Aviation Grant.

## New Aircraft Hangar Complex Construction Project



Crews from Facilities and Streets Divisions of Public Works are nearly finished with construction on the new hangar project; the roof ridge cap and electrical are the only major items that remain. The total project is approximately 95% complete, final inspection is scheduled for mid-December and will be ready for tenants by the first of the year. Once completed, the hangar will accommodate up to 6 aircraft in 4 separate storage areas. The new hangars will be leased to local aviation-related businesses, such as Classic Air Medical, and private aircraft owners.

## Custodial Division



The Custodial Division supported 282 events during the month of November.



The carpets were shampooed at the Eco Station this month.



The tile floor waxing at PCS was completed this month.



Detail cleaning of Mesa Public Library started this month in anticipation of its reopening in December.

The Facilities Services Manager and Lead Custodian attended the ISSA Annual Conference & Trade Show in Dallas this month. There were many informative seminars on topics ranging from floor work efficiency to green cleaning to building teamwork. In addition, the trade show is one of the largest in the world with over 750 booths and we came away with many new ideas to incorporate into our daily cleaning duties, snow removal efforts and floor care maintenance.

## Engineering & Project Management Division

### White Rock Senior Meals Center Kitchen Equipment Upgrade

This project utilizes a grant from the State Aging and Long-Term Services Department (ALTSD) to install additional kitchen equipment to improve the in house and delivered meals capacity. The Invitation for Bids was advertised on September 16th and closed on October 4<sup>th</sup>, and a contractor was selected. The contract is in the award process and is to be reviewed by ALTSD to obtain a Notice of Obligation.

The grant will allow for the acquisition and installation of new commercial kitchen equipment such as; a grill, large cook and hold oven, large serving steam table, large chef work table, heavy duty

garbage disposals, and a washer and dryer. Electrical, plumbing and gas lines are also being re-worked to connect to the new equipment. The kitchen is expected to be shut down for one week in February to accomplish this work. During this time, the seniors will be served through the Los Alamos Senior Center kitchen.

### **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. Construction drawings have been received and are under review. Construction should be complete before the end of the year.

### **Fire Station 3**



The project which includes reroofing, as well as a new exterior wall system, window replacement and HVAC system modifications is well underway. The west wing bunkrooms have been completed. Work will commence on the east wing while roofing activities have approached 75% toward completion. Substantial completion is expected to occur in late December, ahead of schedule.

Substantial completion is scheduled for January 30, 2018.

### **Tsikumu Village**

Tsikumu Village is programmed in Fiscal year 2019 for roadway maintenance. This project will include pavement preservation, along with intermittent concrete work as needed on Sioux Street, Cheyenne, Iroquois, Seminole, Yuma, and Ute Street for approximately 1.9 miles. The roadway maintenance treatment is being evaluated currently to fit within the budget. Alternatives are being developed currently. A selected alternative is anticipated in late 2018 following the December 6<sup>th</sup> public meeting in conjunction with the December Transportation Board Meeting. Construction is anticipated in Spring of 2019.

### **Tracts A-13/A-12 LASO Offsite Improvements Project**

This project includes a traffic study to evaluate general geometry and an assessment of improvements to support future development at NM 502 (Trinity Drive) and 35<sup>th</sup> Street. A scoping meeting was held with NMDOT on October 31st to discuss the traffic impact analysis. The next milestone is the 30% submittal, which is on schedule for December 2018.

## **Mesa Library HVAC Improvements**

The project was 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 was given on July 2.

The main public area of the library is scheduled to be closed from August 20<sup>th</sup> to December 3.

Work is continuing with the following:

- The Electrical switch-over to the new transformer and power feeds began Monday November 5, with the switching off commercial power to the entire library. Power to the Zone was provided by the backup generator on site. A quick tie-in of the main breaker for the library servers was made to the generator circuit so that the public could access the collection electronically and staff could continue working. On Wednesday afternoon, November 14<sup>th</sup> commercial power was restored, the new transformer was energized.
- Gas line work is complete.
- Most of the new retaining wall and chiller slab is installed, the remainder anticipated to be complete the week of November 19<sup>th</sup>.
- Much of the wood ceiling is installed in the lower level and the drop ceiling is being installed.
- The conference room ceiling grid is installed with work continuing to lay in the ceiling tiles and make the final lighting and duct work tie-ins.
- The boiler installation is about 95% complete.
- The new fan units are in the process of being installed.
- The ductwork surrounding the fans is being constructed.
- Controls for the HVAC are being installed
- The duct cleaning is complete
- The skylight tinting is complete

Temporary heat for the Zone, where no heating exists, has been generously provided by the contractor. Elevator upgrades were to be complete prior to the December 4<sup>th</sup> library re-opening date, however the subcontractor says this work will be complete on December 10<sup>th</sup>. The elevator will be out of service for the first week after the re-opening.

The library moving dates to re-occupy will occur Wednesday, November 28<sup>th</sup>, with one final move from Fuller Lodge December 3<sup>rd</sup>. There will be minor work continuing after the library re-opens, this work will be a minor inconvenience to the public and will still allow the public to access about 99% of the library.

Currently, the dates for Substantial and Final Completion are, January 25<sup>th</sup> and March 29<sup>th</sup>, 2019.





*Return Fan Bank*



*Wood Ceiling – Picture Book area*



*Wood Ceiling – Dinosaur Area*



*Inside the electric transformer*

### **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. They will respond pending the appraised value. Souder, Miller & Assoc. has been in the process of obtaining a contract with an appraiser as per our contract, this is obtained on October 22<sup>nd</sup>. The appraisals are scheduled to be complete in mid-December.

### **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 26<sup>th</sup> at the Arts in Public Places Board, followed up by an August 2<sup>nd</sup> presentation to the Transportation Board and August 9<sup>th</sup> 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 18<sup>th</sup>. A follow-up design meeting was held on October 22<sup>nd</sup> for utility and ROW coordination. It is anticipated that various utility relocations are forthcoming and being that this project crosses through NMDOT Right-of-Way maintenance agreements will be required. Utility coordination with private utilities and Los Alamos County utility owners is ongoing.

### **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.

The preliminary design continues for this project. A meeting was held with business owners along DP Road on November 6<sup>th</sup> to discuss the project approach and the coordination efforts with other construction projects along the corridor. Another meeting with stakeholders was proposed in early January after the BUILD grant announcements are made to discuss the project schedule. A meeting was also held on November 15<sup>th</sup> with DOE to discuss an easement request for the utilities to be constructed and maintained at the east end of DP Road. A follow-up site visit was scheduled for early December to look at the potential routes.

**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. The final traffic study and concept design was submitted, and a subsequent meeting was held with all stakeholders on October 30<sup>th</sup>. The report documented a preliminary estimate for the preferred alignment of \$3.6Million including NMGR. DOE will evaluate whether the remaining SEP funds available would be sufficient to construct the project. USACE and DOE have begun the design portion of the project with Bohannon Huston.

**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 17<sup>th</sup>, 2018 and received two bidders. A pre-construction meeting was held on October 13<sup>th</sup> with all project stakeholders. The contractor, Star Paving, has requested a winter suspension in hopes of beginning the project on March 4, 2019. The NMDOT has granted this request, and Los Alamos County is negotiating with Star Paving a location for their staging yard.

## 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 October 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, MP-11R and MP-12R) to 0.5 (MP-10R) percent gas in air.
2. The landfill gas extraction wells that are part of the newly active GCCS ranged in methane concentrations from 2 (EW-2R) to 54.7 (EW-16) 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 3,800 roll carts, this is over 54% 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 five months of collection Environmental Services collected over 360 tons of yard material. All residents who registered through November 1<sup>st</sup> have received their roll carts and more residents are registering every day.



## Tis the Season to Recycle!

Toys and clothes and boxes oh my! With the holidays upon us and shopping sprees in full swing, Environmental Services anticipates an increase in cardboard boxes. To help accommodate the extra cardboard, we have added more cardboard recycling locations throughout Los Alamos County. As a friendly reminder, please flatten the cardboard boxes.

Ice Rink - Los Alamos County Municipal Building - North Mesa Ball Fields - Sullivan Field  
Recycling Center - Eco Station - Fire Station #2 - Fire Station #3 - Fire Station #4 – Fire Station #6

## Welcome to Public Works



Environmental Services would like to welcome our new Office Specialist Sara Thurgood. Sara comes to Environmental Services from the Recreation Division where she was a Senior Lifeguard and was heavily active in coordinating outreach events.

## Recycle Art Fair and Fashion Show



On November 14<sup>th</sup> Environmental Services and Chamisa Elementary School hosted the Recycle Art Fair and Fashion Show. This was a Zero Waste event, PEEC loaned the Zero Waste Kit, which consisted of reusable plates, cups and serving utensils. All excess food scraps were composted. Special thank you to all the Environmental Sustainability Board Members and Zero Waste team members who helped with the event.





## Re-unity Resources Compost Facility

Members of Zero Waste team and Environmental Services staff toured the Reunity Resources compost facility in Santa Fe to learn how food waste is composted in the city. Reunity Resources generates high grade compost from food waste collected from schools and restaurants around the city of Santa Fe.



## Training

Environmental Services Trainees Antoine Padilla and Stephen Sisneros traveled to Truth or Consequences NM to complete their transfer Station Certifications that are required from the New Mexico Environment Department. Both Antoine and Stephen passed the course and will receive their certificates once they have one year of service in the industry.

## Boots on the Ground Illegal Dumping Conference

Environmental Services Senior Office Specialist, Joshua Levings attended the Boots on the Ground Illegal Dumping Conference held by the South Central Solid Waste Authority in Grants New Mexico. The conference is held every year to help communities stop illegal dumping.



# Residential Sustainability Report



## Residential Sustainability Report

Service Period: October 2018



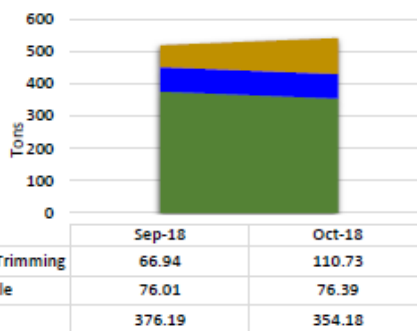
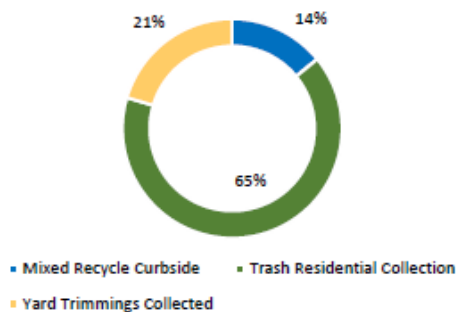
LOS ALAMOS

September Diversion Rate: 28% - October Diversion Rate: 35%

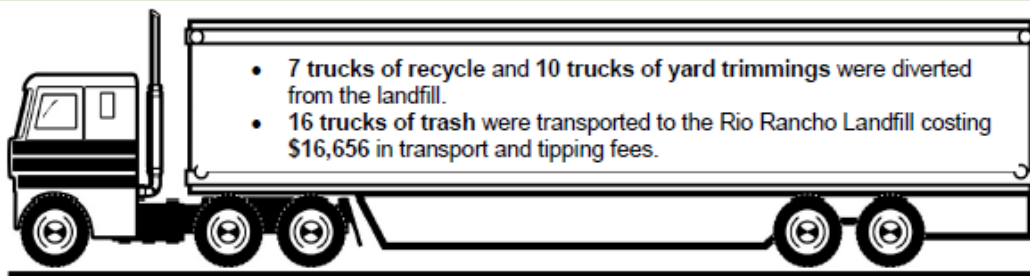
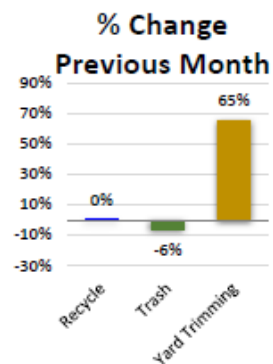
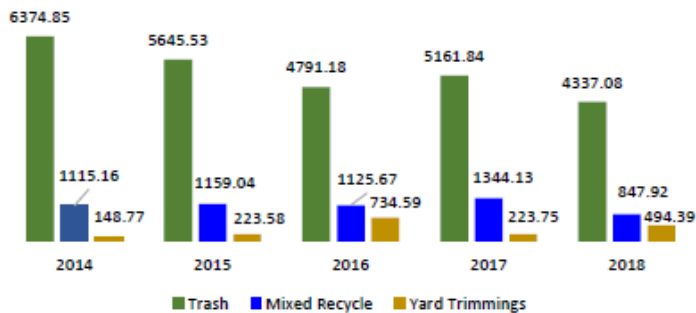
A 26% increase in Diversion

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

### Monthly Collection Report



### Annual Collection Report



For more information contact Environmental Services Division at 505.662.8163 or email [solidwaste@lacnm.us](mailto:solidwaste@lacnm.us)

## Facilities Division

### Fire Station #6 – Water Leak in Bathroom Wall



Facilities staff responded to a water leak that occurred in the bathroom of Fire Station #6. The source of the leak was located behind the access panel and the necessary repairs were made to correct the problem which has now been fully resolved.

A similar water leak was also addressed in the first-floor men's restroom, located in the MUNI building, where plumbing for one of the commodes had malfunctioned.

### Fire Station #2 – Pumping of Oil-Water Separator & Sediment Disposal



Facilities crew members worked with a contracted firm to pump out the sludge from the oil-water separator at Fire Station #2. Along with removal of the waste material for proper disposal, the baffles on the equipment were cleaned and/or replaced as needed to ensure that the equipment will continue to function as designed in the months ahead until it is serviced once again.

### Fire Station #4 – Drainage Problem Causing Leak into Basement



Staff are investigating possible remedial actions to address the recurring drainage issue at Fire Station #4 which is, in part, causing a leak into the basement of that facility. Alternatives to correct the issue are currently being discussed.





### **Transit Center Driver Trailer – Plumbing Failure and Spill**

Facilities staff were called to repair a break in the sewage line of the Transit Center employee trailer located on LANL property. The damage occurred as a contractor was pumping out the holding tank – which resulted in a hazardous waste release –that required the LANL Hazmat team (tanker is pictured above) to respond to and address.

### **Fleet Division**



Fleet has added a new Skid steer tractor that will be going to Environmental Services. This unit is used for all types of operations performed around the yard. It will be used for lifting, sweeping, and snow removal.



This addition to the Fleet will be going to Traffic and Streets. It is used to repair or replace street lights, poles, and traffic signals.

## Traffic & Streets Division



Crews cleaned curbs countywide in anticipation of vendor Accu-stripe to paint curbs and county owned parking lots.



Anthony Lucero oversaw the re-striping of newly micro-sealed roads in White Rock on Rover Blvd and Meadow Lane.



Crews defined a ditch on South Monte Rey where a resident was concerned about storm water flooding her house.





Crews repaired a pot hole on 41<sup>st</sup> Street.



Crews cut back brush in White Rock in anticipation of roads being micro-sealed.



Crews crew patched a portion of road on 40<sup>th</sup> street where GWS had to repair a line.





Crews built up a shoulder near Mountain Elementary School where storm water was undermining the curb/gutter and roadway.



Crews repaired a section of shoulder under an existing guard rail where the soil was eroding from the recent rains on Range Road.





Crews finishing placing asphalt at the Ecostation to mitigate water ponding and ice forming in an area where employees walk to open and close the gate.



Traffic electricians have been assisting with the building of the new airport hangar. They are nearing completion of the electrical portion of this project.

## Transit Division

### NMTA Supervisor Training

Atomic City Transit partnered with LAC DWI Council to bring a very happy and safe Halloween season. Atomic City Transit provided door to door services on Saturday October 27, 2018. We provided the following ridership for this event.

Date	Service Name	Operator	Unit	Adult	Unlined Passenger Trips
10/27/18	Halloween Buzz Bus	Julie	4111	22	22
10/27/18	Halloween Buzz Bus	Rolando	4142	15	15
10/27/18	Halloween Buzz Bus	Mark	4115	3	3
	Total				40



Reservations Accepted:  
 Friday, 10/26  
 7:00 AM - 8:00 PM  
 Saturday, 10/27  
 5:00 PM - 12:30 AM

Free Bus Ride Services  
 to and from locations in Los  
 Alamos & White Rock

**ENDWI**  
 IN LOS ALAMOS COUNTY

**Halloween Buzz Bus**  
Saturday, October 27th  
 6:00 PM - 12:30 AM

Don't Drink and Drive... Dial - A - Ride  
 To Request a Ride Call:  
 505-661-RIDE (7433)  
 First come, First Serve, So Call Early

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TRANSIT**  
AtomicCityTransit.Com

 **LOS ALAMOS**  
where discoveries are made



Management Analyst, Kyle Hatch attended New Mexico Transit Association and Southwest Transit Association Transit Supervisor Certification Course in Las Cruces New Mexico in November 2018. The two-day course outline included a variety of transportation topics like vehicle operation, safety, training needs as well as dispatching and scheduling.



Atomic City Transit received a new bus for ACT Assist, the transportation program for persons with disabilities.

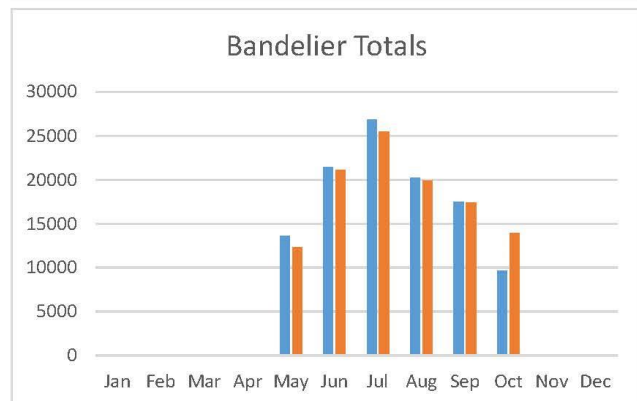
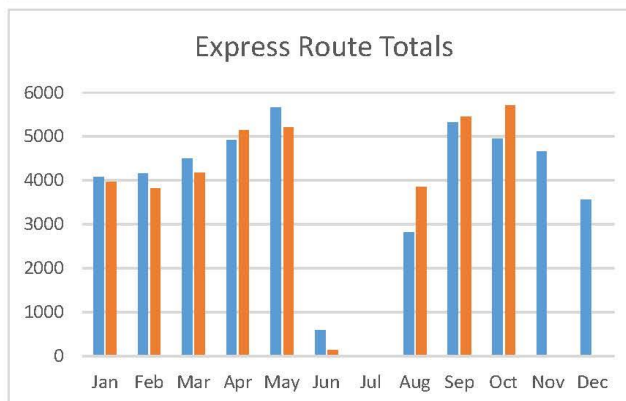
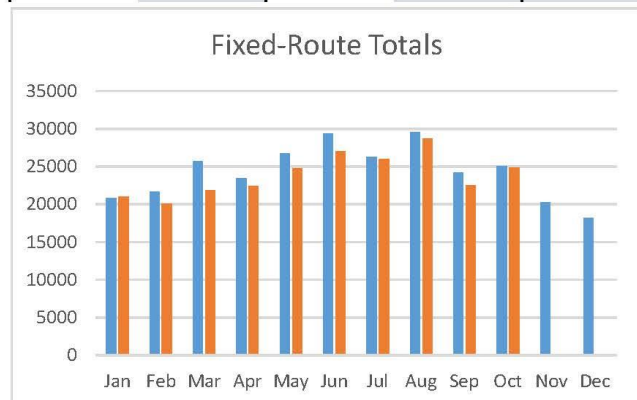
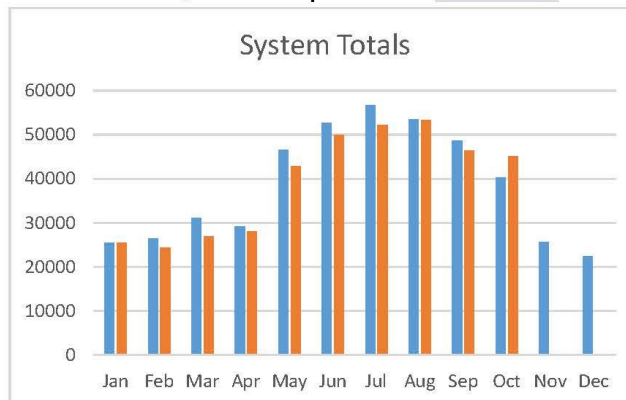




## October 2018 Ridership Report

LOS ALAMOS

Route	October Trips			Oct. Rev. Miles		Oct. Rev. Hours		YTD Trips
	2017	2018	% Chg	2017	2018	2017	2018	2018
1 Downtown	6,259	5,497	-12.2%	2,754	3,965	248.4	328.5	58,663
2M White Rock - Main Hill	2,781	2,757	-0.9%	3,785	7,869	263.4	296.7	26,303
2T White Rock - Truck Rt	1,725	1,660	-3.8%	6,954	7,285	274.1	287.1	16,897
2P White Rock - Peak	-	430	0.0%	1,140	3,028	42.4	111.9	4,922
3 Central / Canyon	2,915	2,997	2.8%	5,337	5,591	266.7	279.4	29,372
4 North Community	3,133	3,363	7.3%	3,867	4,051	273.0	286.0	28,413
5 Barranca Mesa	1,604	1,484	-7.5%	4,249	4,451	270.6	283.4	16,223
6 North Mesa	6,486	6,698	3.3%	6,019	6,306	407.1	426.4	58,319
<b>Fixed-route subtotal</b>	<b>24,903</b>	<b>24,886</b>	<b>-0.1%</b>	<b>34,105</b>	<b>42,547</b>	<b>2,045.6</b>	<b>2,299.5</b>	<b>239,112</b>
7 North Mesa Expr	1,453	1,486	2.3%	375	380	22.7	22.9	9,785
8 North Community Expr	846	916	8.3%	135	128	9.1	8.7	6,342
9 Aspen Expr	756	875	15.7%	104	99	7.3	7.0	6,410
10 Barranca Expr	1,238	1,369	10.6%	174	165	10.9	10.3	8,518
11 White Rock Expr	655	1,051	60.5%	353	336	14.0	13.3	6,341
<b>Express route subtotal</b>	<b>4,948</b>	<b>5,697</b>	<b>15.1%</b>	<b>1,140</b>	<b>1,109</b>	<b>63.9</b>	<b>62.3</b>	<b>37,396</b>
12 Bandelier	9,664	13,877	43.6%	10,328	8,812	402.9	341.1	110,034
Dial-a-Ride	116	93	-19.8%	738	771	44.9	48.7	951
ACT Assist	504	526	4.4%	4,377	3,908	232.8	214.0	4,389
Special Services	67	40	-40.3%	204	135	20.3	16.8	2,584
<b>System total</b>	<b>40,202</b>	<b>45,119</b>	<b>12.2%</b>	<b>50,892</b>	<b>57,283</b>	<b>2,810</b>	<b>2,982</b>	<b>394,466</b>



■ 2017 ■ 2018

**Total Passenger Trips to Date: 5,141,064**