

In the Works....

Public Works Monthly Report – October 2019

Administration Division

Transportation Board Recruiting One New Member



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

October 3, 2019 Transportation Board Meeting Highlights



✚ Eric Martinez, County Engineer, provided an update on the Trinity Drive/NM502 Project.

✚ Juan Rael, Traffic & Streets Manager presented the FY20 Snow & Ice Control Plan.

Welcome Back!



We'd like to welcome Anne Laurent, our new Public Works Director. Anne will be returning to the County on November 4, 2019.







Airport Division

Sweeping Operations

Crews from the Streets Division of Public Works recently undertook sweeping operations on the airport runway, taxiways and ramps. Keeping these surfaces clean and free of debris is vital for the safe operation of aircraft. Debris on runways and taxiways can pose a significant risk to aircraft, pilots and passengers – with takeoff and landing speeds that can exceed 100 miles per hour, even small debris can puncture tires, cut break lines, damage landing gear and destroy aircraft propellers and jet engines. Daily inspections and regular sweeping operations help to ensure a pristine, debris-free, environment for aircraft operations at Los Alamos Municipal Airport.



Custodial Division

-  The Custodial Division supported 368 events during the month of October.
-  The Custodial Division purchased three new snow blowers for supporting snow removal efforts this winter.
-  Floor work was completed at the Police Department.
-  Exterior windows were cleaned at the Community Building.



Custodial Staff received third place at the 20th Annual Employee Luncheon.

Engineering & Project Management Division

In Memoriam



Desirae Lujan passed away on October 20, 2019. She began her employment with the County Public Works Department in 2015 where she currently held the position of Senior Engineer. She earned a Bachelor of Science in Civil Engineering and a Minor in Mathematics from NMSU and a Master of Engineering Degree from UNM in 2019. She was a Licensed Professional Engineer, Certified Floodplain Manager, and Certified Storm Water Manager.

Some notable projects managed and completed by Desirae while with the county include the recently completed Diamond Drive Resurfacing Project, Tsikumu Village Road Improvements, 20th Street Extension, Knecht Street Improvements, and Central Avenue Phase II Improvements. She helped author the Bicycle Transportation Plan, implemented bike to work activities, and was instrumental with acquiring

Bicycle Friendly Community designation for Los Alamos from the League of American Bicyclists.

She represented the county and department well as a member of the Regional Transportation Planning Organization including project review and coordination with DOE/LANL, NMDOT and developers. She was currently managing the Canyon Rim Trail Underpass Project (slated for construction next year), Canyon Rim Trail Phase 3, Urban Multiuse Trail and Barranca Mesa Road Improvements. Desirae was instrumental in acquiring and managing over \$6M in federal funding for transportation improvements in Los Alamos County.

Desirae was well-respected in her field and was a thoughtful, considerate co-worker, colleague and friend to many. She will be deeply missed.

NM 502 Reconstruction, Knecht St. to Tewa Loop

Staff continues to coordinate with NMDOT on this state lead project. Agency coordination is ongoing for projects occurring on or near DP Road for public outreach.

Canyon Rim Trail Underpass

A final submittal was sent to NMDOT. Final plans are anticipated following the approval of the plat by NMDOT and receipt of NMDOT certifications. Construction is anticipated to begin in March 2020.

Tracts A-13/A-12 The Hill Apartments Offsite Improvements

Following the May 2nd Transportation Board meeting the traffic analysis was completed and was submitted to NMDOT for their review and approval, as Trinity Dr. is a State facility. The recommended alternative was presented to County Council on June 25th and comments were received to refer to NMDOT for their review. Final design is ongoing and is anticipated to be complete before the end of 2019, pending NMDOT review.

Piñon Park Splash Pad

A public meeting was held August 28th at Fuller Lodge where the Design Professionals (Surroundings) presented two conceptual designs and solicited public comments. After analysis the consensus was to utilize a 'nature and science' theme much in alignment with the County logo. The design team is working on the schematic design which will be presented at the November 14th Parks and Recreation Board meeting.

Golf Course Irrigation Project

MRWM Landscape Architects is preparing for a presentation to the Parks and Recreation Board to be held on November 14th. County Staff has reviewed the design and formulated comments and were incorporated by the design team. An RFP is being developed to address additional golf course improvements in accordance with the prior council presentations.

Golf Course Clubhouse Patio Enclosure

A design is currently being reviewed and evaluated for additional scope by County Staff.

Aquatic & Airport Roof Renovations

Aquatic Center: Work includes re-roofing the flat roof portion of the center's roof, correcting structural issues with a portion of the roof structure in the mechanical room area damaged by excessive humidity, install an exhaust fan to address humidity build-up and create air flow, and add roof-mounted electric heat mats for the northern side.

Airport Roof: Work includes re-roofing, adding posts for the Civil Air patrol radio antennae system to increase its range, and new fascia and downspouts.

The project is designed by FBT Architects. This project went out to bid and had one incomplete bid. It was re-bid and bids are due Oct 31. Target award is November 26th. The project is scheduled to begin mid-March, starting with electrical work at the Aquatic Center, with roofing work at both facilities the following month.

Fire Station 6 Restroom Remodels

Crews with Allied 360 continue work on the larger of the 2 restrooms and should be finished in November. The new walls are installed with tile placement and the re-building of the shower pan to follow. The new epoxy floor will then be installed. Work on the smaller restroom will begin thereafter. Work will continue until early January with a Final Completion at the end of February 2020.

Ice Rink Improvements

Public meetings were held September 25th, 5:30 pm at Fuller Lodge and October 23rd at the library, with layouts and potential building elevations depicted. A combination of the layouts and a building elevation was unanimously chosen and the design team, NCA Architects, is working through design completion. The project will also go to Planning and Zoning November 13th for a site plan amendment. Once the design is complete, construction bids will be solicited. Construction is tentatively scheduled for March thru October 2020, and final completion slated for the end of the year.

Mesa Library Drive-thru Roof Change

The roof over the drive thru is being re-worked to allow the drainage to flow directly off onto the landscaping below rather than thru the roof drains which had a tendency to freeze and plug during the winter, causing damage to the ceiling of the drive-thru. Work should be complete by early to mid-November, weather permitting.

Kiddie Pool Project

FBT architects has been working on design development phase of the design. A public meeting with the Parks and Recreation Board is planned for November 14th and a site plan review with the Planning and Zoning Commission is planned for December 11th.

Eco-Station Ventilation Fans Upgrade

This project increases the size of the ventilation fans for the transfer station to better manage a high level of dust and improve safety for the public and staff. The design is complete and a contract for installation is currently under review by purchasing.

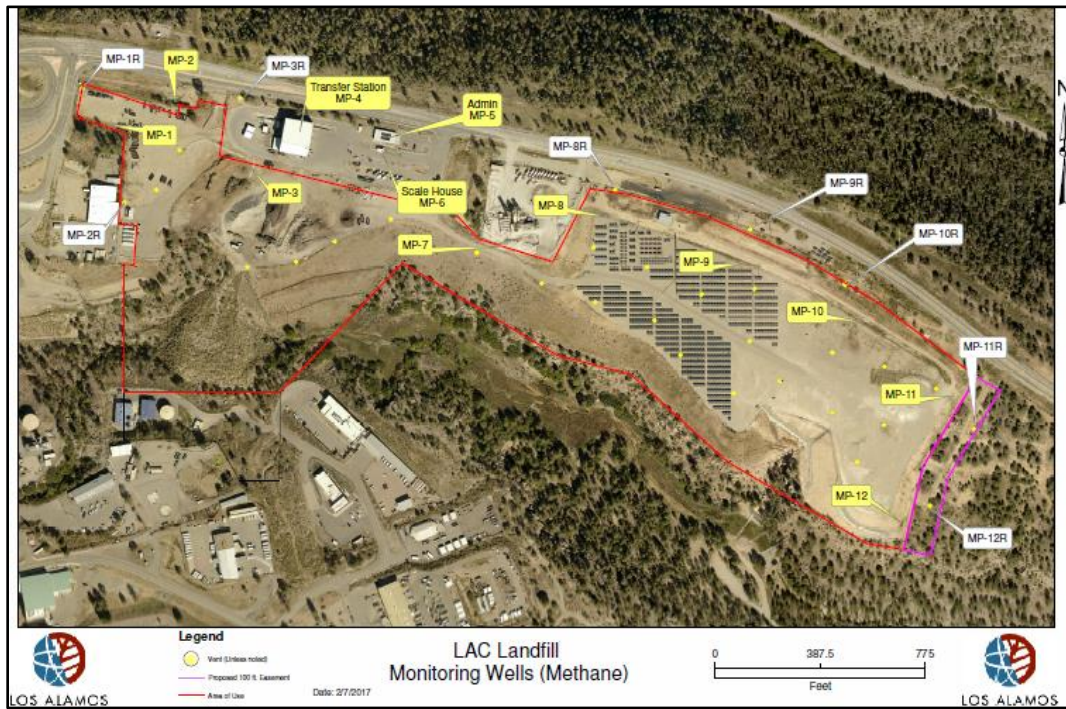
Sunflower Art Piece

Engineering design and cost estimate is being procured through the engineering and architectural services on-call contract for reinforcing the sunflower art piece and for the reinforcing the transfer station building structure for installation. This project is funded with Art in Public Places budget.

Environmental Services Division

Los Alamos County Landfill Gas (LFG) Update

With the installation of the Landfill Gas Control and Collection system, the methane concentrations have decreased, and methane levels are in compliance with NMED Solid Waste Rules. Environmental Services has received approval from New Mexico Environment Department (NMED) to reduce monitoring from weekly to quarterly as prescribed by NMAC Solid Waste Rules.



Professional Development



Office Specialist, Sara Thurgood, went to Albuquerque for training to become a certified Compost Facility Operator. The training was presented by the New Mexico Environment Department, Solid Waste Bureau. The course teaches different composting methods, composting processes, and the benefits of compost. The class also toured Soilutions which is the company that received the compostable material that was generated at the Zero Waste Summer Concerts this year.

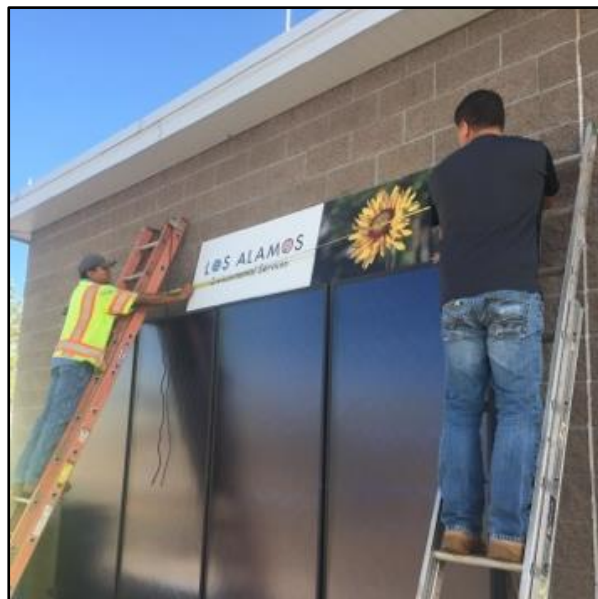
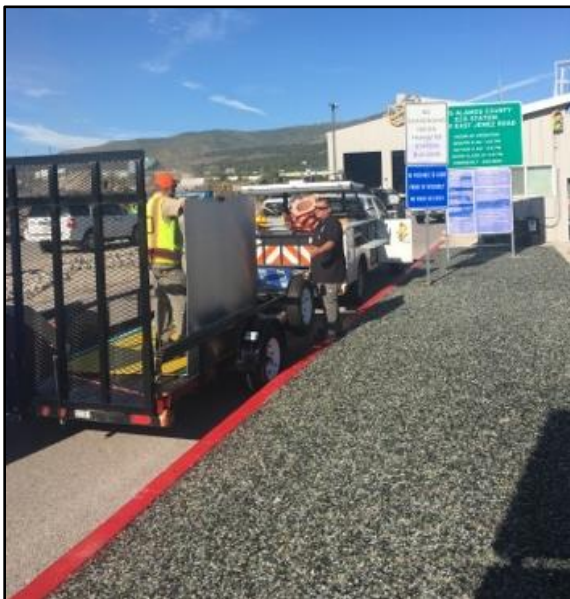
National Bioneers Conference 2019

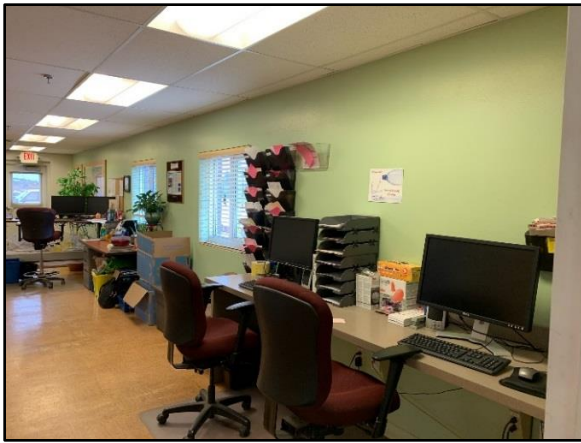
Environmental Services Manager, Angelica Gurule, attended the National Bioneers Conference in San Rafael, California. Bioneers is a nonprofit organization that acts as a “fertile hub of social and scientific innovators with practical and visionary solutions for the world’s most pressing environmental and social challenges.” Bioneers is a microcosm of environmental activism. It embraces and inspires a holistic approach for environmental and social change. It recognizes that in order to effect change, we must embrace diversity, revitalize democracy and aim for environmental justice for all people and our planet. One of the key note speakers this year was Paul Hawken, author of Project Drawdown. He spoke on climate change and his solution-based book. Interestingly enough, Los Alamos County Environmental Services is working towards many of the solutions that contribute to reversing climate change, such as refrigerant management, recycling, reusing, food waste reduction, and educating others.



Facility Maintenance

Crews from Environmental Services, Traffic and Streets, and Facilities have been hard at work to give the Eco Station a face lift. The Transfer Station received new signs as the old signs were sun bleached and faded, while the administrative offices received a fresh coat of paint.





New Recycle Dumpsters Delivered



Environmental Services received a delivery of mixed recycle dumpsters and glass recycle dumpsters. The dumpsters are intended to help businesses increase recycling by placing more conveniently located dumpsters around town.

Customer Service Celebration



Environmental Services Manager, Angelica Gurule, and Senior Office Specialist, Joshua Levings, had a booth at the Municipal Building during the Customer Service Appreciation week. They talked with county residents and employees about sustainability and gave out information on how to reduce food waste, recycle right, and being more sustainable at work and home.

Recycle Fair and Fashion Show



Office Specialist, Sara Thurgood, and Chamisa Elementary School, Art Teacher, Renee Mitsunaga, had an interview at KRSN to promote the 2019 Recycle Fair and Fashion Show. The event is a joint endeavor with Los Alamos County and Los Alamos Public Schools and will be held in the Chamisa Elementary School Gym on November 13th from 5pm to 7pm.

2019 The People's EcoChallenge



Los Alamos County Council presented a proclamation, which declares October "The People's EcoChallenge Month." The People's EcoChallenge is a 21-day environmental and social engagement program for thousands of people around the world to commit to practicing and reinforcing good habits for a better shared future. This year there were five Los Alamos teams with 76 participants and over 15,000 points combined. The winners will be announced at the

Recycle Fair and Fashion Show on November 13, 2019.

Security Cameras Installed



A new security camera system was installed by Computer Assets at the Eco Station. The Eco Station has had issues with theft in the past. The cameras give a 360-degree view and will make the Eco Station more secure and safer for residents and staff.

Residential Sustainability Report



Residential Sustainability Report

Service Period: September 2019

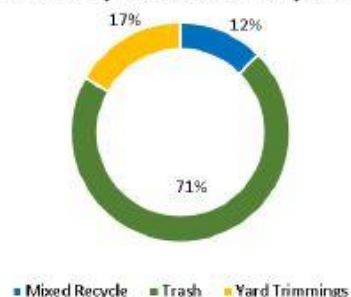
September Diversion Rate: 29%



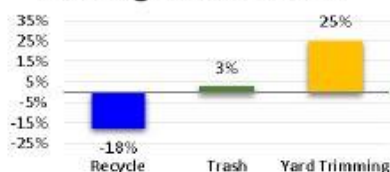
LOS ALAMOS

The *diversion rate* is the percent of recyclable and compostable material diverted from the landfill.

Monthly Collection Report

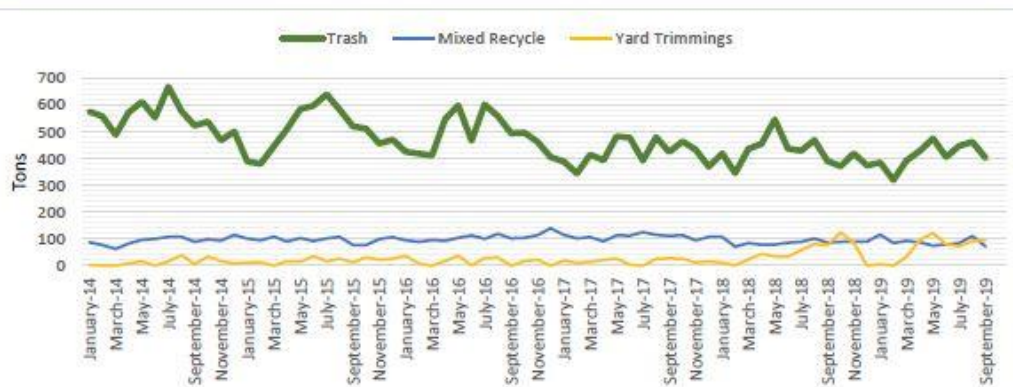


% Change Previous Year

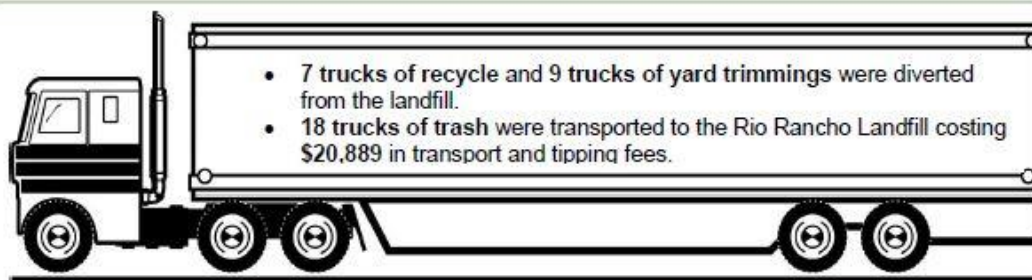


	Sep-18	Sep-19
Yard Trimming	75.97	95.32
Recycle	86.33	71.17
Trash	390.38	401.72

In September by recycling and composting Los Alamos County reduced GHG emissions by ~431 tons



In 2019 by recycling and composting Los Alamos County reduced GHG emissions by ~3911 tons



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

Facilities

- ✚ Crews worked on Work Orders at the Justice Center and LAPD.
- ✚ Crews completed several Work Orders at the Ice Rink to get it ready for ice season

Crews Installed Re-Useable Bottle Filling Stations Countywide



The Los Alamos Environmental Services Division received a grant to purchase and install new drinking fountains that serve a dual purpose as re-useable bottle filling stations. Several locations have already received the new equipment (*Eco Station and Fire Station #3 pictured here*) which features a counter that displays the number of re-useable bottles filled – suggesting that number of single use plastic water bottles were kept

out of the waste or recycling stream.

White Rock Senior Center – Electric Vehicle Charging Station Upgrade



The White Rock Senior Center has a dual port electric vehicle charging station that has become increasingly popular with the public. The impact of the popularity has resulted in more than one vehicle charging at the site at the same time. Although the charging equipment allows for multiple cars charging simultaneously, until recently the increased load on the electrical feed tripped the breaker in such instances causing the entire charging system to become inoperable. But now, due to the good work of Facilities Div. electricians, a new heavier duty service line and breaker has been

installed which allows multiple cars to charge at the site simultaneously - which is a great improvement in reliability and much appreciated by those who make use of the facility.

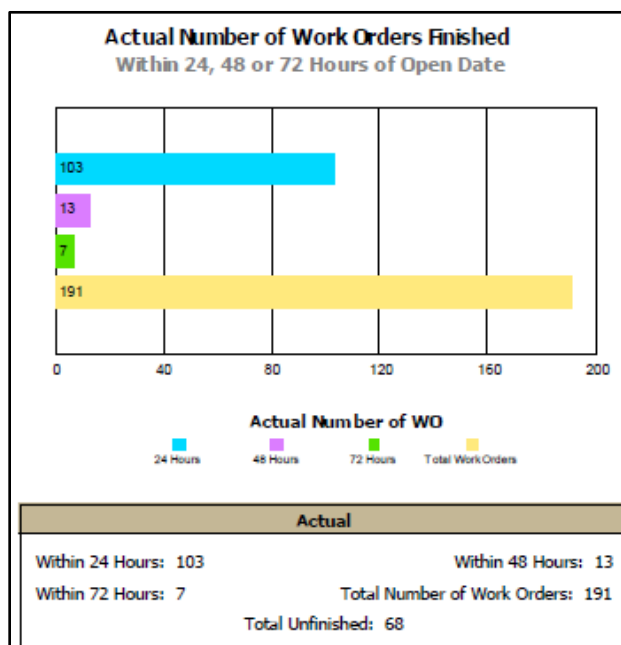
Fleet Division



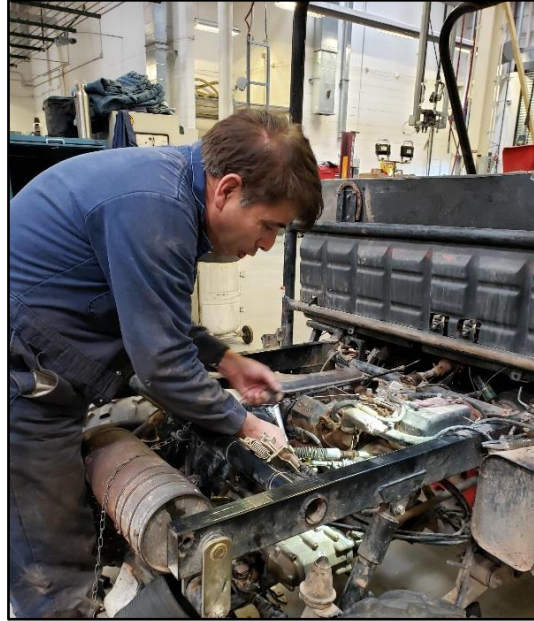
Fleet received a new Tymeco Sweeper for the Traffic and Streets Division. It replaced the old Elgin Sweeper which was a 2005 model.



Fleet received a new truck that will be assigned to the Facilities Division.



For the month of October Fleet staff processed 191 work orders completing 123 in in 72 hours or less. The work orders that remain open are waiting for parts to arrive to complete the work.



Traffic and Streets Division



Crews installed a new Rectangular Rapid Flashing Beacons (RRFB) on Diamond Drive at the Golf Course crosswalk. The RRFBs are push button activated amber LEDs that supplement the warning signs at the crosswalk. They use an irregular flash pattern that is similar to emergency flashers on police vehicles. This flash pattern has shown to elicit a greater response from drivers than traditional flashers.



Crews patched a section of asphalt on San Ildefonso Road



Crews cleaned up the island at 4th Street and Iris.



Before and after shots of asphalt patch work on Alamo Drive.



Before and after images of asphalt patch work on Totavi.



Before and after images of asphalt patch work done as part of Traffic and Streets division assisting Utilities with a water main break on Totavi.



Crews cleared tree limbs and brush from a drainage ditch on Loma de Escolar.



Crews repaired the sink hole and placed an asphalt patch.



Crew repaired several sections of broken asphalt along Deacon Street.



Crews repaired a section of asphalt along 37th Street.





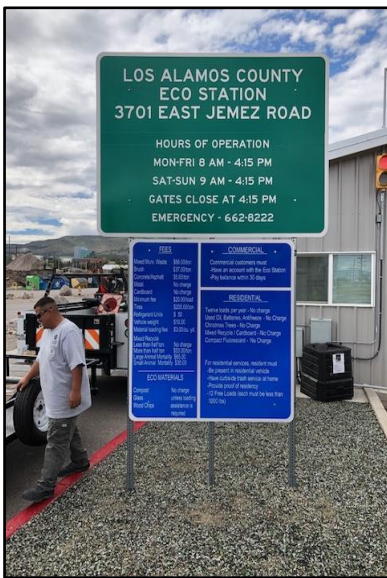
Crews have been busy cleaning and painting curbs at the Aquatic Center, 39th St, and Rose St. They also painted island tips on Canyon Rd. from Oppenheimer to Diamond Dr. and on Diamond Dr.



Crews installed new 25 MPH signs on either end of Rose St.



Crews striped a new double yellow line and installed a 25 MPH sign on Entrada Dr.



Crews replaced faded signs at the Ecostation.

Transit Division



Atomic City Transit Bandelier Shuttle service time has ended on October 16, 2019. During the remainder of the season, visitors are welcome to drive directly to the park and utilize the visitor parking spaces on a first come first service basis. Atomic City Transit will return mid May 2020 for the next summer season shuttle service.



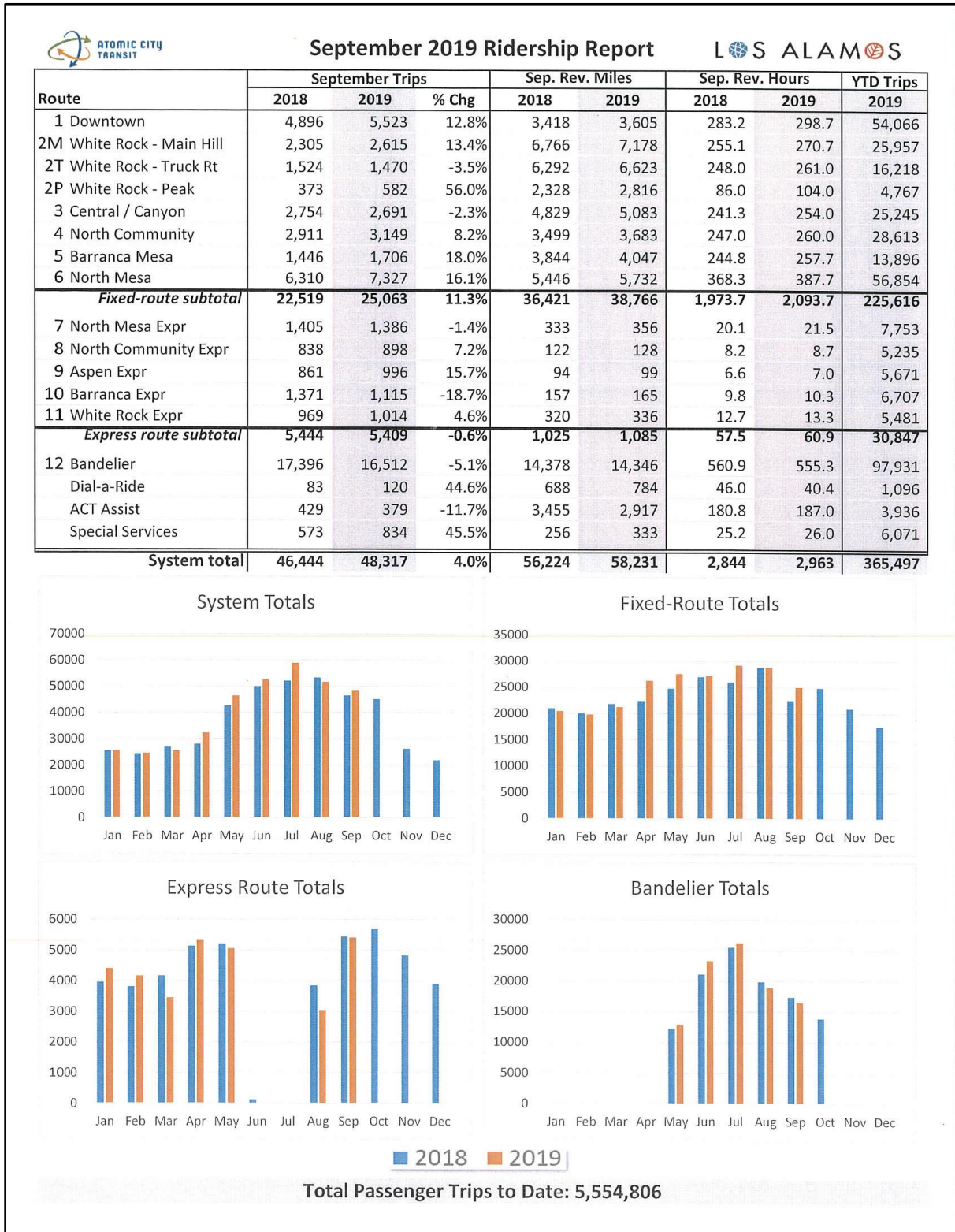
Atomic City Transit partnered with DWI Council to bring the Buzz Bus for a fright night October 26, 2019. This year many of the establishments in Los Alamos decided to host their events on Saturday. The ridership was minimal for this event, although every person that rides is a person that did not drink and drive. Keeping our community safe.

On October 29, 2019, Atomic City Transit attended career day at the Ponderosa Montessori pre-school. Dispatcher, Julie took the trolley and spoke to about 50 children on the importance of public transportation. Possibly one of these kids could be our next bus driver.



Ridership Report

Ridership for September was a steady pace with 16,512 trips being performed for this service. Below is a summary of Atomic City Transit monthly performance by route. We had an overall system increase of 4% compared to the same month in 2018.



Thank you!



Atomic City Transit Operators, Dispatcher and Supervisors perform several hours of overtime to assure transit services are available all summer long. This means performing overtime and long days. Our end of year luncheon for a thank you to all their hard work.



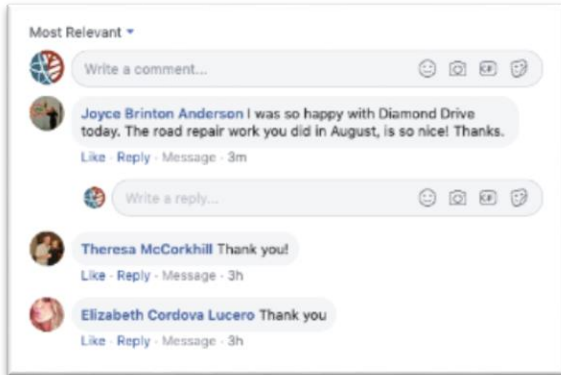
New Mexico Department of Transportation underwent an FTA audit on Los Alamos County Drug and Alcohol Testing Program. Los Alamos County did very well. Kudos to

Steve Klepeis of our Safety Division for all his hard work to prepare for the audit.

Customer Service Week

Atomic City Transit participated in in Customer Service Week for Los Alamos residents on Wednesday, October 9, 2019. Several customer and employees stopped by to ask questions about routes and buses as well as picking up some ACT swag.





Good work to Des and Frank for seeing this project thru and Audoro for helping to wrap it up.

From: Burgess, Harry <harry.burgess@lacnm.us>
To: Bulthuis, Jon <jon.bulthuis@lacnm.us>; Martinez, Eric <eric.martinez@lacnm.us>
Subject: FW: Diamond Dr resurface
Please pass the following note of appreciation along to all involved.
Thanks!
-h

From: Roger Bartlett
To: Burgess, Harry <harry.burgess@lacnm.us>
Cc: Scott, Sara <sara.scott@lacnm.us>
Subject: Diamond Dr resurface

Hi Harry,

Just wanted to say that I think the Diamond Dr. project - resurfacing - went quite well and the results are very good. The road noise seems to far less than before and the contractor seemed to pay attention to detail. In particular as a bicyclist I noticed that the interface between the asphalt and the concrete curbing was smooth with no lip.

Thanks,
Roger

From: Barbara Fronzak
Sent: Monday, October 21, 2019 10:09 AM
To: Bulthuis, Jon <jon.bulthuis@lacnm.us>
Subject: Re: clean up sidewalk Barranca Road

Thanks for getting this work completed so quickly!
Bar

From: Barbara Fronzak
Sent: Wednesday, October 16, 2019 12:17 PM
To: Bulthuis, Jon <jon.bulthuis@lacnm.us>
Subject: clean up sidewalk Barranca Road

Jon,

Could I please request the county clean up the sidewalk in front of Barranca School? The soil from the hill washed over the sidewalk on the last big rain we had and the sidewalk is difficult to use. It's especially slippery when it's wet.

Could I also request you check all of the street lights on Barranca Road? I walk at 5am and it's pretty dark in places.
Thank you!

Barbara Fronzak
610 Los Pueblos