

# In the Works....

## Public Works Update – March 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.

### Airport Division

#### Based aircraft update



*Angel Flight*

The FAA requires airports update their list of based aircraft annually. The FAA uses this data to determine grant eligibility and track aircraft registrations. Based on the update, Los Alamos County Airport is home to 60 aircraft: 58 single-engine, 1 twin-engine and 1 helicopter. Two of the single-engine aircraft belong to the local Civil Air Patrol (CAP) Squadron – they provide aerial search and rescue, disaster relief, and flight and leadership training for local youth. The helicopter is operated by Classic Air – they provide rapid medical air transportation and search and rescue serves. The airport is also

home to a chapter of the Experimental Aircraft Association – they provide free introductory flights to local youth through the Young Eagles program. And many of the aircraft owners are Angel Flight volunteers – they provide free air transportation for people who need to travel to receive lifesaving



*Classic Air*



*Civil Air Patrol*



*US Forest Service*



*Young Eagles*

medical treatment, but lack the means. The airport also serves as an aerial firefighting support base for the US Forest Service and an emergency air transportation facility for LANL.

#### **Airport Engineering, Architectural & Planning Services Request for Qualifications (RFQ)**

The County issued a RFQ for Airport Engineering, Architectural and Planning Services as is required by the FAA. These services will be used for Capital Improvement Projects as contemplated in the Airport Master Plan with grant funding from the FAA, NMDOT and the County. The County is reviewing qualified responses and selection, contract negotiations and execution is expected in early April.



### **Storm Water Pollution Prevention Program (SWPPP) Improvement.**

A local contractor completed erosion repairs on Pueblo Canyon Trail and made improvements to the storm water outflow from the airport to prevent future erosion. These improvements will help to mitigate silt transport to tributaries, streams and waterways from airport storm water runoff and ensure compliance with airport's SWPPP obligations.



### **Custodial Division**

The Custodial Division supported 226 events during the month of March.

Installation of the Green Cleaning dispensers for chemicals and paper products continued this month with expected completion in April.

### **Fuller Lodge Sound System**



The new sound system for Fuller Lodge was installed this month and we have already received compliments on how much easier it is to hear lectures and concerts and how much the sound quality has improved. The previous speakers will still be available for anyone wanting to plug them into their receivers or amps.

Candyman Limited installed a new sound system in the Pajarito and Ante Rooms at Fuller Lodge to provide better sound quality for presentations.

The hearing loop was also extended to the Ante Room area. Tim Martinez from Facilities lent his artistic wood-working qualities to the project and built a beautiful wood cabinet to house all the equipment matching the rustic design of the lodge – Thanks Tim!

The golf course patio was refinished the week of March 26.



*Brenda Sargent uses ATV/plow for snow removal*

## **Engineering & Project Management Division**

### **New Aircraft Hangar Construction**

Construction is set to move forward utilizing in-house personnel comprised of Facility and Traffic and Streets staff. Dan Erickson and Anthony Strain are providing oversight on the project. Currently Eric Edmonds of Risk is helping implement safety training to update all personnel involved in the project. A tentative start date has been set for April 9th and continue through the end of May 2018.

### **Server Room Cooling Improvements**

The improvements to the server room cooling saw the completion of the installation of the separation curtains last month. Changes to the controls, thermostats, and modifications to the condensing units are planned for late March.

### **Kiddie Pool Project**

The RFP for design was advertised on March 8th, proposals are due March 21st. The selection committee comprising of Community Services and Public Works staff will make their recommendation for a May 2018 Council award.

### **Mesa Library Fire Panel Replacement**

Acceptance testing took place February 23rd and passed. The installation of Exit signs is pending, and is on track to be complete before the late April Final Completion date.

### **Historic Museum Carpet**

Dominguez Carpet installed specialized carpet in the north gallery area. The floor in this area had cracked shortly after construction was completed and for aesthetics carpet was requested, prior to construction the area had carpet as well.

### **Fire Station 6 Restroom Remodels**

Chief Hughes requested that the restrooms at Fire Station 6 (Airport) be remodeled as it has been a little over 10 years since they were last re-done and are in need of work. A task order with an on-call architect is in process to begin design work. It is anticipated that construction could begin in July 2018.

### **Fire Station 3**

Architectural design plans are complete and bid advertisement is scheduled for late February with contract award May 2018. 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. Construction is anticipated from June 2018 through the fall.

### **Mesa Library HVAC Improvements**

The current system is an evaporative cool system, while a less expensive system to install and operate. However, it does not provide adequate cooling during times of high (30% plus) humidity. The system itself is limited in its cooling capacity due to its original design and half of the required air flow capacity for an evaporative system. The design consultant evaluated several system options which included an initial and life-cycle cost analysis. This evaluation resulted in a system that was selected for design.

An Invitation for Bids to install the new system is scheduled for a March advertisement, with an anticipated Council award May 1. This schedule will provide the contractor ample time for approval and ordering of equipment so that work can commence in August.

Since the building cannot be occupied during the work, the library is scheduled to be closed from August 20th through November 29th. Public Works and Community Services Department staff are working closely to plan improvements and provide alternative accommodations to the public so that library services are maintained during this time.

### **Landfill - Gas Extraction and Control System**

Engineering and Environmental Services staff have worked with Stearns, Conrad and Schmidt Consulting Engineers (SCS Engineers), an engineering consultant to develop design plans for a permanent gas extraction system for the landfill to comply with New Mexico Environment Department methane gas limits.

The Project consists of the installation and construction of a Landfill Gas Collection System at the closed landfill to prevent subsurface landfill gas migration off the landfill property in accordance with New Mexico Environmental Department regulations. The project will include the installation of two (2) systems, which will either destroy the gas in an open flare or vent it to the atmosphere. Both systems have been designed to disburse any emissions above ground level, whereas the open flare system will also combust any potential pollutants.

The permanent extraction system project was advertised for construction in December, Council awarded a bid on February 27th to American Environmental Group with SCS oversight for \$1,281,490.

Notice to Proceed was given to the contractor on March 14th, with an anticipated start of construction on April 16th. The Substantial Completion date is August 1, 2018 with a Completion date of August 22, 2018.

### **Canyon Rim Trail Phase 3**

The easements for DOE property along the preliminary alignment have been drafted and are in the process of being executed. The County will continue discussions with the adjacent land owners along the trail corridor for easements along the proposed alignment between Knecht Street and the 20th Street Extension.

### **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.

The NMDOT concurred with awarding the project to the County's selected consultant, Wilson and Company. A task order has been issued and a kick-off meeting has been scheduled for April to begin preliminary design work.

### **North Mesa Phase 2 Improvements (Cumbres del Sol Subdivision)**

Staff is working on the contract and plans for improvements to Camino Manzana/Mora/Cereza. Estimated construction is to begin in mid-June. Scope of work is for the rehabilitation of Camino Manzana/Mora/Cereza. This includes the reconstruction of the asphalt surface and limited concrete replacement (sidewalks, curb and gutter, drive pads and ADA curb ramps at designated locations. The public meeting was held on March 1st during the presentation to the Transportation Board.

## Future Projects...

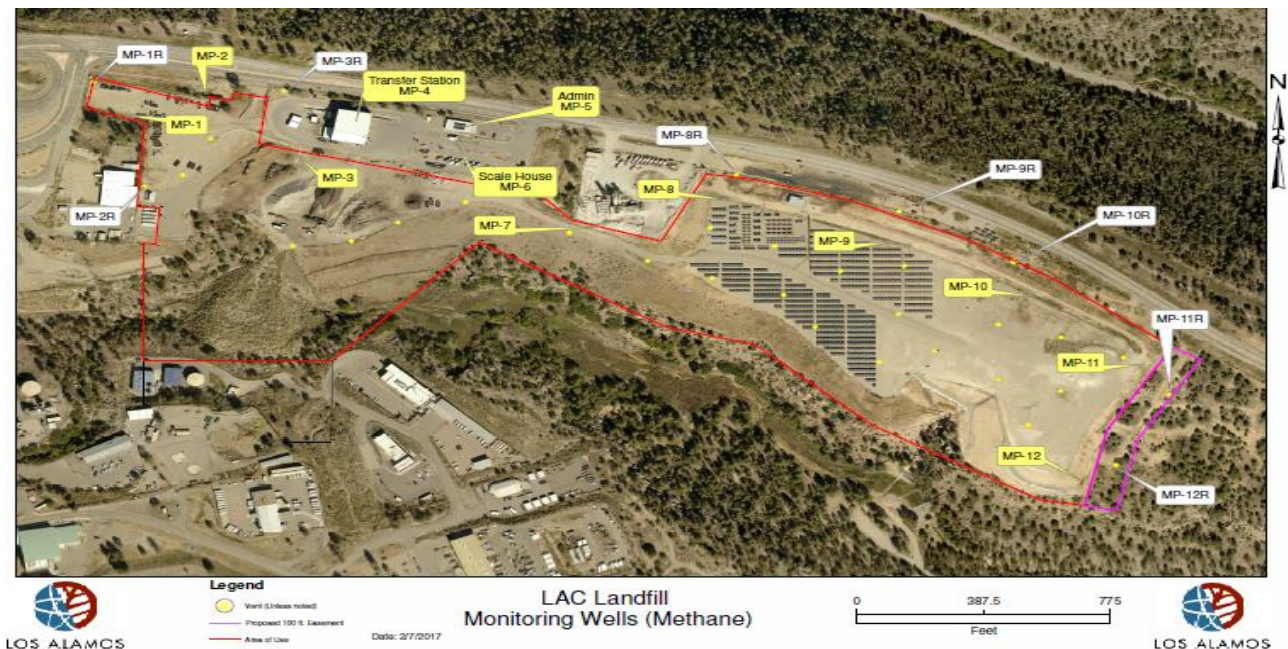
- NM 4/East Jemez Rd. (Truck Route) Intersection: Staff continues to work with DOE, NMDOT Bandelier, and Army Corps of Engineers to program, design and construct intersection upgrades to improve capacity and safety. A meeting to discuss the design of this project took place on March 21st.
- NM 502 Reconstruction, 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. It is anticipated to rebid in the fall of 2018 for a January 2019 award date.

## Environmental Services Division

### Los Alamos County Landfill Gas (LFG) Update

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

1. The LFG Vents ranged in methane concentrations from 44.7 (LFG Vent – 7) to 59.4 (LFG Vent – 1) percent gas in air.
2. The gas probes near the toe of the landfill materials ranged in methane concentrations from 2.3 (MP-12) to 51.4 (MP-8) percent gas in air.
3. The gas probes near the boundary of the landfill ranged in methane concentrations from 2.4 (MP-8R) to 33.0 (MP-10R) percent gas in air.



## Curbside Yard Trimmings Roll Cart



Online registration is now open for the curbside yard trimmings roll cart program. The yard trimmings roll cart program will begin July 2018. To date Environmental Services has received over 1,500 registration entries for a roll cart, this is over 20% 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, extend the life of the landfill, and provide high-quality compost and landscaping materials for residents. Environmental services have received 1,872 roll carts and has begun to assemble these roll carts. We will begin to distribute the roll carts to residents in the coming months.

## Landfill Cap Erosion Control



Maintenance of the closed landfill is an ongoing process for Environmental Services. Most recently in efforts to keep the erosion at a minimum Environmental Services staff has begun to construct measures to slow the flow of water on the south slope of the landfill cap.

## Environmental Services Superintendent



Environmental Services would like to welcome our new Superintendent, Armando Gabaldon. Armando comes to us with 15 years of waste collection experience from the City of Santa Fe.

Environmental Services currently has one vacancy; recruitment efforts are underway for a scale operator.

## Outreach and Education

Environmental Services staff and ESB Member Heather Ward recently visited second grade students and Aspen Elementary School to share the Zero Waste Lunch Video and teach them about recycling in Los Alamos County.

## Residential Sustainability Report



### Residential Sustainability Report

Service Period: February 2018

Recyclables Collected: 71.11 tons

Trash Collected: 345.25 tons

Compostable Materials Collected: 0.92 tons

Total Material Collected: 417.28 tons



LOS ALAMOS

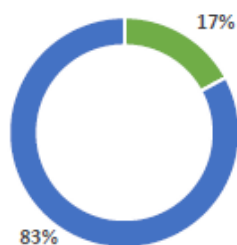
### Monthly Collection Report

January Diversion Rate: 22%

February Diversion Rate: 17%

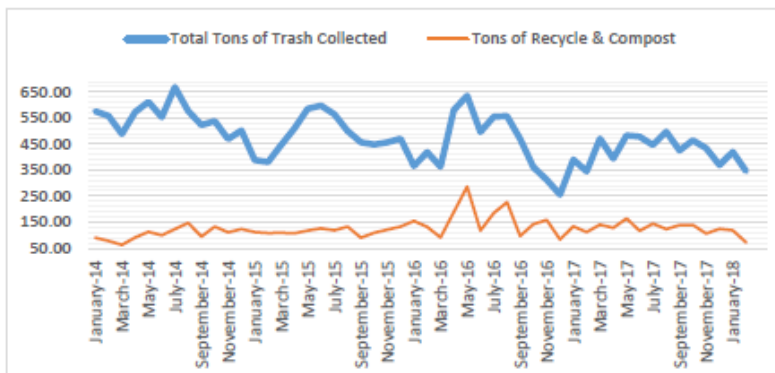
A 21% Decrease in Diversion

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



■ Mixed Recycle Curbside ■ Trash Residential Collection

### Month by Month Recycling Comparison

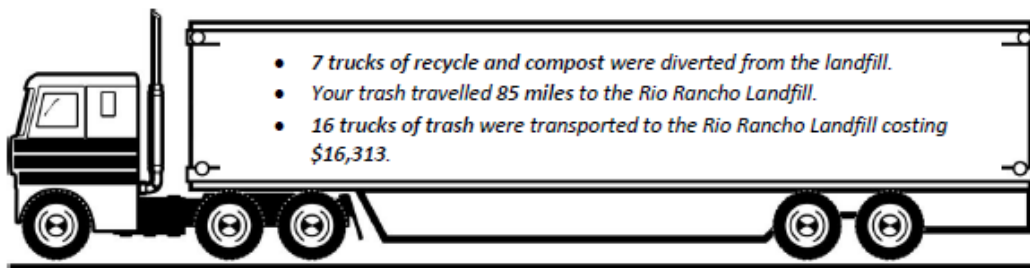


### Benefits of Recycling

#### Office Paper

Recycling one ton of office paper saves 17 trees, 7,000 gallons of water, 463 gallons of oil, 3 cubic yards of landfill space, and enough energy to heat an average home for six months.

Further, manufacturing one ton of office paper using recycled paper stock can save 3,000 to 4,000 kilowatt hours versus making that amount using virgin materials.



## Facilities Division

### Pajarito Cliffs Site Security Enhancements



In response to a rash of break-ins at the Pajarito Cliffs Site (PCS) in recent months, Los Alamos County Staff assigned to work at that site gathered with Chief Sgambellone, and other representatives of the Police Department, to discuss and select security enhancements designed to “harden the target” and deter further burglaries and property loss. Key to the discussion was limiting access to the yard during overnight and weekend hours. Installation of two new gates, on both the east and west ends of the property, was determined to be essential to limit site access. The perimeter fencing around the yard was also enhanced with barbed and razor wire

discouraging after-hours access.



In addition, a new security system was installed in Building #5 with detectors placed in all the exterior doors that will sound an alarm to “on-call” staff (who reside in the building 24/7) alerting them to immediately call the police should a future intrusion occur after hours when the system is armed.

### Fuller Lodge East Patio Light

Rick Garcia and Henry Talachy installed a small bronze LED light fixture above the east patio steps to enhance the lighting and safety. –Thanks to Rick and Henry for working on the wiring and installation.

## Smart House Repairs



Tenants at the Smart House requested and received a full “re-keying” of the facility to ensure only authorized personnel have access to the building.

## Animal Shelter Repairs



Repair work was completed on multiple kennels doors at the animal shelter that permit staff to locate dogs in either the interior or exterior areas of the enclosures. Work will continue on additional kennels once it is determined that the repairs made remain operable and function as desired by animal center staff.

## Fleet Division



New 2018 Ford Explorer for Police Department



New Kubota tractor for Golf Course



New trailer for Utilities

### **Trainings:**

Norman Romero and John Roberts attended the Annual SWTA certification courses for Mid- Manager and Transit Maintenance.

James Quintana, Robert Romero, Raul Lujan and Matt Lengyel attended Cummins Insite/Quickserve diagnostic troubleshooting and Exhaust After-treatment course.

James Barela from Transit and James Quintana from Fleet passed CDL Certified Examiners course for the County.

Reyann Nastacio and Robert Clark attended AssetWorks Training Conference.

## Traffic & Streets Division



Crews removed a tree on Tunyo Street.



Crews cleaned drains on Turquoise Avenue, on El Conejo, Chamisa and Zuni.



Crews have been replacing old signs county wide.



Crews received their new road striping equipment. They will begin striping projects in April 2018. Streets crews swept a total of 531 miles during the months of February and March 2018.

All Traffic and Streets Crews attended a pipe line safety class in Santa Fe and Espanola.



Crews fabricated and installed new signs on the newly placed gates at the Pajarito Cliffs Site.

Traffic Electricians have been replacing poles on Canyon as part of a project where they have removed numerous poles, delivered them to a vendor in Albuquerque, to sandblast and powder coat the poles for reinstallation.

Traffic Electricians ran into an issue at the 'Y' in White Rock where they investigated and repaired faulty wiring feeding lighting at the intersection of NM-4 and NM-502.

Traffic and Streets staff have been working to prepare for the implementation of Munis.

## Transit Division



Congratulations to Josh G. of Piñon Elementary for winning the poster contest displaying what "Atomic City Transit means to me and my community."



## St. Patrick's Day

The Transit Division partnered with DWI Council to sponsor St. Patrick's Day "BUZZ Bus" Saturday March 17, 2018. The program provided a safe ride home for 22 area residents. Reservations were not necessary the day of the event.



**DON'T BE UNLUCKY THIS  
ST. PATRICK'S DAY**

**ST. PATRICK'S DAY BUZZ BUS**  
**Saturday, March 17<sup>th</sup>**  
**6:00PM to 12:30AM**

***DON'T DRINK & DRIVE... DIAL-A-RIDE!***

**CALL 661-RIDE(7433)**  
**TO REQUEST A FREE RIDE ON**

**THURSDAY, MARCH 15<sup>TH</sup> 8AM - 9PM**

**FRIDAY, MARCH 16<sup>TH</sup> 8AM - 9PM**

**NOTE THAT RESERVATIONS ARE NOT  
REQUIRED TO BE MADE ON SATURDAY,  
MARCH 17<sup>TH</sup>**

  
**ATOMIC CITY  
TRANSIT**

**ENDWI**  
**IN LOS ALAMOS COUNTY**

Funding for this service provided by the Los Alamos County DWI Planning Council

## Skiesta 70th Anniversary



The 2018 Skiesta event was held Saturday, March 17, 2018. Atomic City provided free shuttle service from Sullivan Field to the ski hill with the first bus departing at 10:00 am and the last bus returning 6:30 pm. Thirty (30) minute service was provided all day long. The program provided a safe ride home for 263 area residents.

A big congratulation to James Barela for successfully completing the New Mexico Department of Transportation Commercial Driver's License (CDL) Examiner certification. He will be available for any county employee needing to test for a CDL.

Charles Flowers attended the South West Transit Association conference on March 5th and 6th and obtained a National Transit Institute Maintenance certification.



The Transit Division has completed the Automatic Voice Annunciator project by Avail Technologies. When you're on the bus you may notice illuminated destination signs advising you of the next stop as well as an annunciator.

Atomic City Transit celebrated National Transit Operator Day on March 16, 2018.

**Thanks**   
**for keeping us moving.**

**TRANSIT DRIVER**  
**APPRECIATION DAY**

**transitdriverday.org**

## Kudos



**ATOMIC CITY  
TRANSIT**

Passenger Name: Theresa A. Threadgill Date: 2/9/18

Address: 600 San Adelphon Rd #127 Phone: 505-500-8499  
Los Alamos, NM

(In order for this to be a valid complaint, name and address must be completed)

COMPLAINT ☐

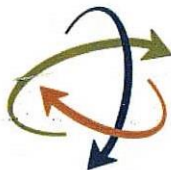
COMMENDATION ☒

SUGGESTION ☐

John who drove Bus #6 on 2/9/2018, 3:30pm  
has always been courteous and has helped  
in assisting me with tying down my  
walker. Appreciate this very much.

Include specific information (e.g., route, driver's name, time of day). Thank you for helping us to improve our transportation services.

**AtomicCityTransit.com (505) 661-Ride**



**ATOMIC CITY  
TRANSIT**

Passenger Name: Theresa A. Threadgill Date: 2/19/2018

Address: 600 San Adelphon Rd #127 Phone: 505-500-8499  
Los Alamos, NM 87544

(In order for this to be a valid complaint, name and address must be completed)

COMPLAINT ☐

COMMENDATION ☒

SUGGESTION ☐

MIC is one of the most courteous persons  
I have ever known. He is the only bus  
driver who took the time to tie my walker  
down to where it was very tight, much appreciated.

Include specific information (e.g., route, driver's name, time of day). Thank you for helping us to improve our transportation services.

**AtomicCityTransit.com (505) 661-Ride**



## ATOMIC CITY TRANSIT

Passenger Name: Jessica Provost Date: 2/15/18  
 Address: 703 Beardon Rd. Lake Orion 48362 Phone: 248-633-6538  
 (In order for this to be a valid complaint, name and address must be completed)

COMPLAINT ☐ COMMENDATION ☒ SUGGESTION ☐

Mr. Ranos was an excellent tour guide  
and provided great info!

Include specific information (e.g., route, driver's name, time of day). Thank you for helping us to improve our transportation services.

**AtomicCityTransit.com (505) 661-Ride**



## ATOMIC CITY TRANSIT

Passenger Name: Thomas G. Threadgill Date: 2/9/18  
 Address: 600 San Felipe Rd #27 Phone: 505 500-8499  
 (In order for this to be a valid complaint, name and address must be completed)

COMPLAINT ☐ COMMENDATION ☒ SUGGESTION ☐

Cliff has been an admirable bus driver  
every since I first started riding his  
bus. I have never known his attitude  
ever change. All bus drivers should learn  
to leave their homes with good attitudes.

Include specific information (e.g., route, driver's name, time of day). Thank you for helping us to improve our transportation services.

*Thank you*

**AtomicCityTransit.com (505) 661-Ride**