

In the Works....

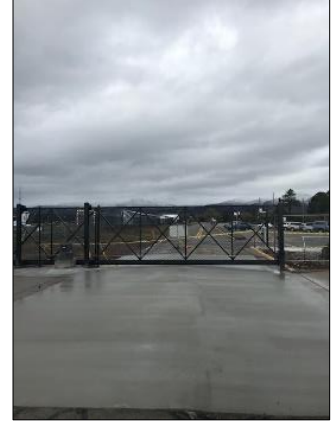
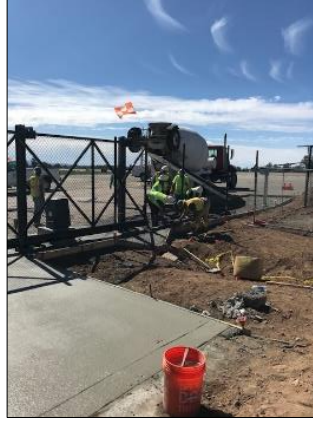
Public Works Update – April 2019

Administration Division

Transportation Board Recruiting New Members

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



Fence Project Nearing Completion

Crews are nearing completion of the fence project: pavement work under one of the vehicle gates, integration with the county's access control system, and installation of new obstruction lights are the only major items remaining. We expect the project to be complete by the end of May. 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. An FAA Airport Improvement Grant and an NMDOT Aviation Grant is covering 95% of the project costs.

Drone-Assisted Inspections



The NMDOT Aviation Division is using Los Alamos Airport to test the ability, fidelity and costs of conducting pavement condition inspections, as required by the FAA, using drones. This inspection is typically conducted by individuals walking and evaluating the entirety of the pavements, resulting in high costs and extended runway and taxiway closures. To reduce costs and operational impacts, the NMDOT is testing the concept of using drones to collect video that can be electronically stitched

together into a single high-resolution image of the pavement surfaces and used by engineering staff to evaluate pavement condition. If the concept proves successful, it could reduce state-wide airport pavement inspection costs by \$250,000 per year.

Pavement Maintenance



Airport pavement condition inspections serve as the foundation of a comprehensive pavement maintenance program, as required by the FAA, to preserve and extend the life of all the runway, taxiway and ramp pavements, and ensure the safety of the traveling public. To that end, NMDOT provided Los Alamos Airport




with a \$50,000 grant to crack seal and patch repair over 200,000 square feet of taxiway and ramp pavement surfaces at Los Alamos Airport with minimal operational impact.

Economic Opportunity Flies into Los Alamos

There is a common refrain amongst economists: opportunities fly into communities. The point is clear – businesses rely on air travel to expand and communities with airports are the benefactors. Alltech, an international biotech company with operations in animal feed, meat, brewing, and distilling, flew their CEO into Los Alamos to meet with senior executives from Pebble Labs, a local biotech company that is, according to their website, “developing rationally-designed disruptive technologies to address the greatest agricultural, health and environmental challenges facing the globe.” While many may associate business travel with scheduled airline service, the Bureau of Labor Statics show business travelers only accounted for only approximately 25% of all commercial air passengers in 2017 – and the number has been declining for decades. An often overlooked yet vitally important (and growing) component of air travel is business-owned aircraft. FAA statistics show business-owned aircraft account 34% of the 166,167 total privately-owned aircraft registered in the US and 68% of 20,101,94



Custodial Division

-  The Custodial Division supported 191 events during the month of April.
-  The Division filled 1 vacant custodial position in April along with the lead custodian position.
-  The Division continued its training program (Buckeye Honors) with additional classes this month.

Engineering & Project Management Division

White Rock Senior Meals Center Kitchen Equipment Upgrade

Work was completed, and the kitchen reopened on schedule April 1st. There is remaining funds in the grant so the County is working on purchasing a serving steam table to add to the kitchen.

Mesa Library HVAC Improvements

The project is substantially complete as of February 20th and final completion is pending minor work. The contractor is working on punch list items and making adjustments to the HVAC system as needed. Activation and testing of the chillers has begun and will not impact the occupancy of the building. Additional minor work on the elevator is pending to complete the elevator upgrades. All items requested by the Fire Marshall have been installed.

Fire Station 2 Training Tower Work

A consultant has been hired to verify the tie-offs and lowering structures on the tower meet OSHA safety requirements. If they are found not to meet, new installation will be completed before the July Fire Academy. County facilities crews will perform work to correct some door and wall panel issues and a proposal for an on-call concrete contractor is pending to repair some minor concrete damages on the stairs.

Fire Station 3 Alternate Dispatch Area

Plans to provide a secondary dispatch area at Fire Station 3 began two years ago to eliminate the need for an alternate dispatch location to reside at the Santa Fe Dispatch area. Planning and Design work to complete the infrastructure is needed before 911 lines are installed. This work is not yet scheduled.

Airport Re-roof

An on-call architect has been secured for design services for the re-roofing of the Airport due to damage in January. The design is anticipated to be completed by late May and work would begin in July.

Aquatic Re-roof and Structural Repairs

Staff has secured an architect for design services to re-roof the flat roof portion of the center's roof as well as correct some structural issues with a portion of the roof structure away from public areas which have been damaged by excessive humidity. An exhaust fan is anticipated to be installed in the electrical room to exhaust future humidity build-ups and create some air flow. This project is also considering a slanted roof to keep snow from sliding onto the adjacent flat roof and down spouts to deter icing damage on the canyon side of the building.

Canyon Rim Trail Phase 3

The County has been working with the consultant to acquire parcels with private owners. Appraisals were received on January 23, 2019. Formal offers are being drafted and coordinated by the County Attorney's office.

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 90% plan submittal was submitted on February 1st and a plan review was held on March 8th. A cooperative Maintenance agreement between NMDOT and the County was approved by Council on April 2nd and sent to NMDOT for final execution. A trail plat of easement was sent to NMDOT in March. Final plans are anticipated in June 2019.

Tsikumu Village



The scope of work is pavement preservation (mill and overlay of asphalt) and intermittent concrete repair. Project bids were received on March 5th and Albuquerque Asphalt was the low bidder. The contract was awarded by Council on March 19th. A pre-construction meeting was held on March 26th and the construction is scheduled to begin on April 1st with completion anticipated by mid-June 2019.



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

Santa Fe Engineering, the County's design consultant, presented the design alternatives to the Transportation Board on January 3rd. The board requested a road diet be considered on Trinity Drive between Oppenheimer and Diamond Drive. The road diet scope was added and is currently be analyzed by SFE. The findings and a preferred alignment, based on the model's analysis, will be presented and a recommendation will be requested at the May 2019 Transportation Board meeting.

DP Road and Utility Infrastructure Improvements Project

Other Grant opportunities will be considered as they become available. Until then this project is on hold.

SR4 and Truck Route

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. Bohannon Huston completed a traffic study documenting a preliminary estimate for the preferred alignment of \$3.6Million including NMGR. DOE will evaluate whether or not the remaining SEP funds available would be sufficient to construct the project and if not would begin to explore other funding options. USACE and DOE have begun the design portion of the project with Bohannon Huston and final designs are anticipated late August of 2019. Bi-weekly project team meetings are being held with all stakeholders to keep this project on schedule.

NM 502 Reconstruction, Knecht St. to Tewa Loop

Staff continues to coordinate with NMDOT on this state lead project. The contractor, Star Paving, began work on March 18, 2019. Agency coordination is ongoing for projects occurring on or near DP Road for public outreach. A public meeting was held by the NMDOT Project team on March 20th at Fuller Lodge to discuss construction operations with the public.

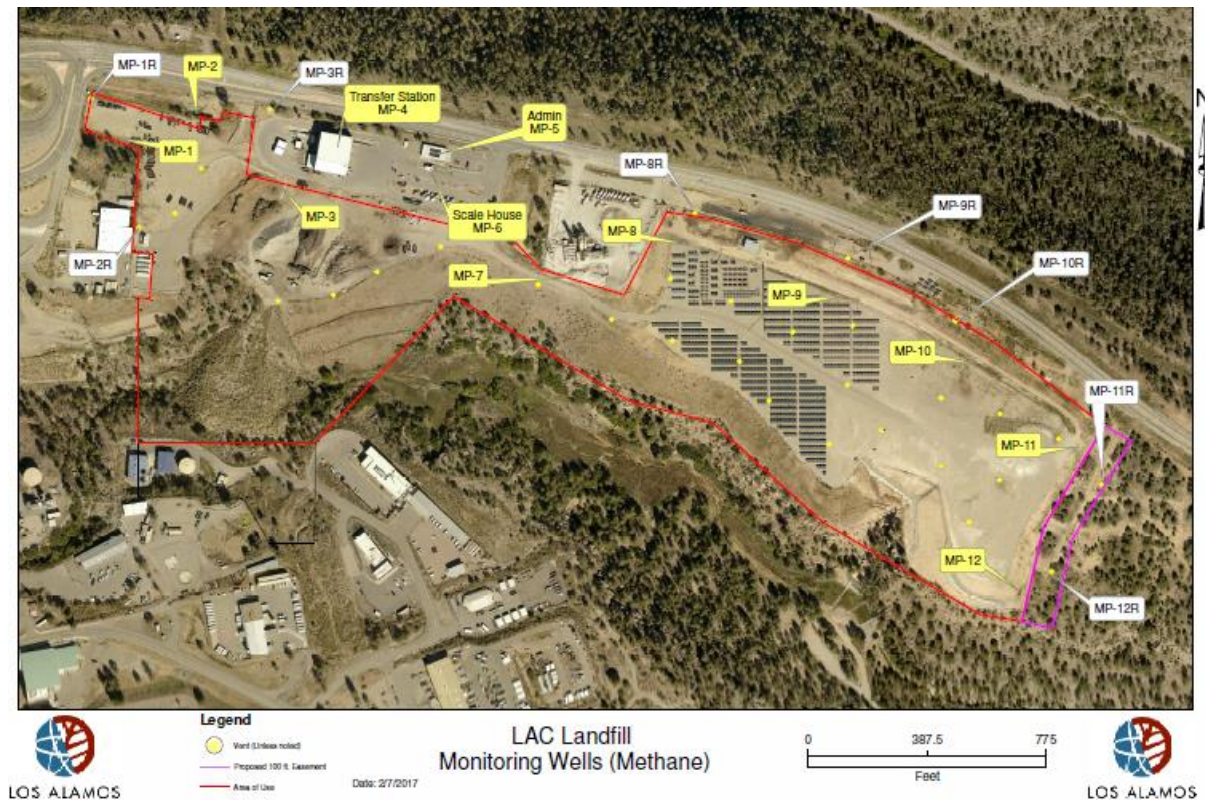
Environmental Services Division

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. The program started back up on March 18, 2019 and has already collected over 100 tons of yard debris, and more residents are registering for the program every day.

Los Alamos County Landfill Gas (LFG) Update

With the installation of the Landfill Gas Control and Collection system, the methane concentrations have decreased and 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 NMED Solid Waste Rules.



Complimentary Brush Pick Up

Environmental Services provided a Complimentary Brush Collection for residents that had broken tree branches from the wind storm. This service was provided from March 27th to April 10th. In that time frame there was 20.25 tons of wind storm brush from the 52 residents that registered for the complimentary service.



Eco Station Beautification



Environmental Services staff working hard to turn the muddy median at the Eco Station into a beautiful rock garden. The garden is not only for looks but also helps with slowing the water runoff for this area.

Training

Environmental Services Senior Office Specialist Joshua Levings and Equipment Operator Timothy Vigil completed training from the New Mexico Environment Department and New Mexico Recycling Coalition to be certified compost facility operators.

Green Team Earth Day at Muni Building



The Los Alamos County Green Team celebrated Earth Day by recruiting county employees to join the green team and having others sign a zero-waste pledge. Zero waste means that you will send no waste to the landfill and use reusable products as much as possible. Over 30 county employees pledged to be zero waste. The zero-waste team also recruited four new members and there is still space for more. If you would like to join the Green Team and help make the

County more sustainable please contact Environmental Services at solidwaste@lacnm.us.

Residential Sustainability Report



Residential Sustainability Report

Service Period: March 2019

February Diversion Rate: 21%

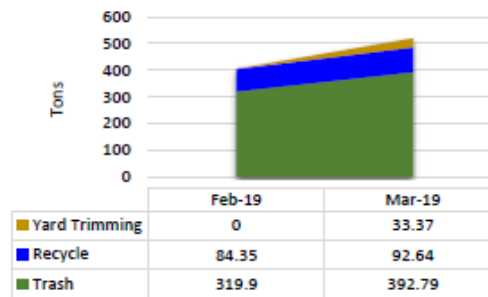
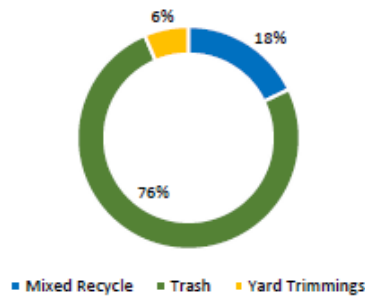
March Diversion Rate: 24%



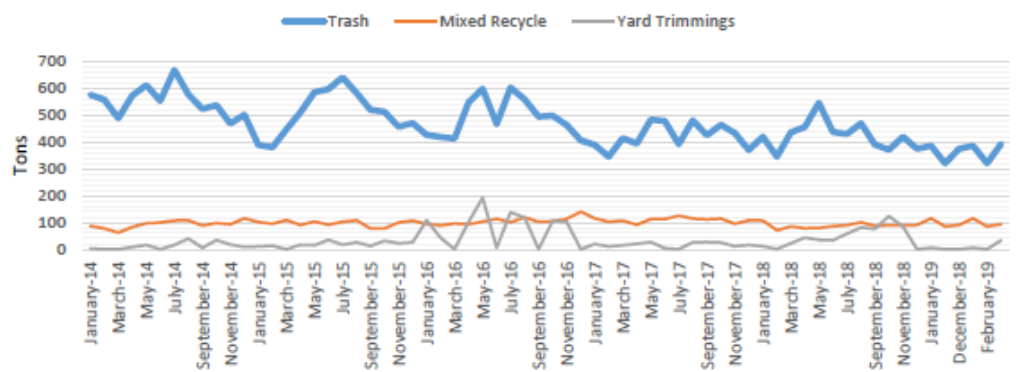
LOS ALAMOS

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

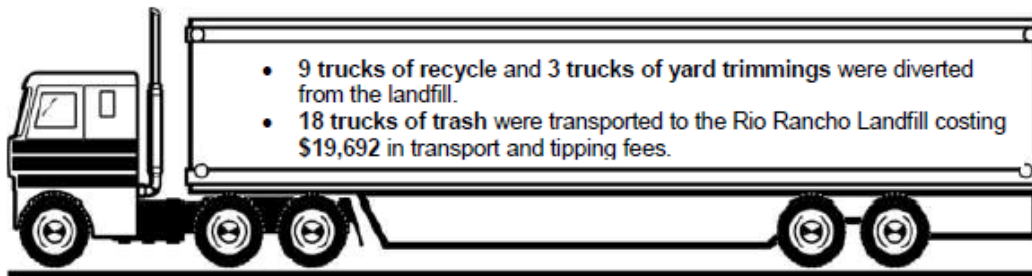
Monthly Collection Report



In March by recycling and composting Los Alamos County reduced GHG emissions by ~384 tons



In 2019 by recycling and composting Los Alamos County reduced GHG emissions by ~1081 tons



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

Facilities Division

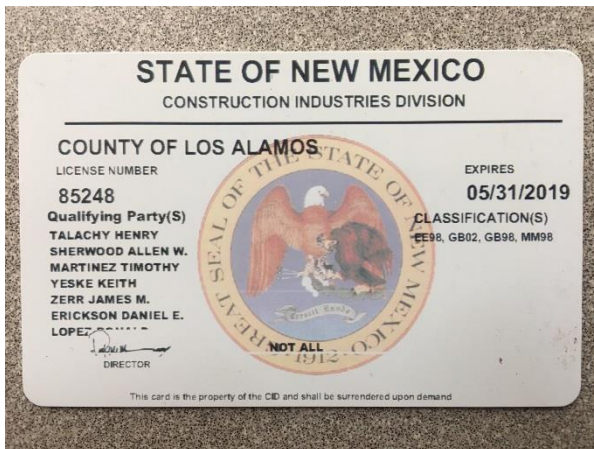
Fire Extinguishers – Countywide Replacement Program



During the FY2020 Budget approval process, the Facilities Division included a project in the “budget options” section that would replace nearly all the fire extinguishers located throughout the County with a new model suggested for consideration by the Fire Marshall’s office.

Council approved \$70K to purchase the new fire extinguisher technology that has a 12-year life and can be checked/maintained annually by internal staff (*rather than an external contractor – at a cost of \$10K/year - as is required for the fire extinguishers currently in service*). Training in the use of the new equipment will be provided as the equipment is installed during the upcoming fiscal year.

Contractor’s License Renewal



The Facilities Department maintains a Contractor’s License for the County of Los Alamos that includes crew members with credentials in each of the required trades: structural, mechanical, and electrical. Licensure enables County staff to perform work that requires a building permit and inspections by the Construction Industries Division. Efforts occurred this month to ensure the staff included on the license are current and that the license, and associated bond, will remain valid for the coming year.

Fleet Division



Completed Crack seal around the County Fuel tanks. This task was necessary to comply with NM Enviromental Department. This to aide in the event of any fuel spills that have the potential to seep into cracks between the concrete and asphalt joints.

Congratulations Raul!



Raul Lujan was recently promoted to Fleet Shop Supervisor. He has been with the County for 5 years. He started with the County as a Mechanic II and has been in the automotive industry since 2000. Raul graduated with an associate degree from Universal Technical Institute in 2004, since then has acquired several certifications in the automotive field, in his free time, Raul enjoys the outdoors with his family and friends. Raul lives in the Pojoaque Valley with his wife and two children.

Traffic & Streets Division



Lights damaged during snow removal efforts are repaired.



Traffic Electricians tracked down and repaired faulty wiring at 6th and Iris.



Anthony Hawk Trujillo retired March 29th. Traffic and Streets had a retirement party for him on March 27th.



Crews have started to work on the walking trail by Fire Station 6.



Crews have started their spring cleaning which included cleaning the salt bays.



Crews fixed erosion issues and placed rock to prevent future erosion at a drain located on 502 near the airport.



Crews assisted GWS in repairing a patch of asphalt that was removed for a water line repair on 36th Street



Crews eliminated a metal drain plate which was continual tripping hazard and replaced it with pipe with concrete.



Crews are shown installing signs countywide. They fabricated new signs for the Bandelier Shuttle Service and installed them for the upcoming season.

Promotions – Congratulations!



Scott Halder is the new Streets Superintendent!



Juan Rael is the new Traffic and Streets Manager. Dan Erickson left the PW Department in March. Juan was previously an Engineering Project Manager with Public Works. We are happy to welcome Juan to our Division! Congratulations Juan!

Traffic and Streets crews assisted Fire Administration with their Wildfire Day 2019 Event at Ashley Pond on April 20th. The crew closed off a section of road on Central Ave and closed off the entrance to the Pond so participants in the event could enjoy the festivities.

Traffic and Streets crews will be assisting the Nature Center on April 25th by closing off the parking lot for their Earth Day 2019 Festival.

Administration Staff

Admin. staff attended a stakeholders meeting at Northern New Mexico College (NNMC) regarding upcoming Commercial Drivers Licensing (CDL) changes and the potential for NNMC offering CDL Classes. Darby Martinez spearheaded this project and has been working with NNMC President Rick Bailey to determine what will be required to offer these classes. The Federal Transportation Department and The State of New Mexico Motor Vehicle Department-CDL Division are planning on making changes to the way citizens obtain a CDL learners permit starting in February 2020. Presently citizens wishing to obtain CDL licensure can walk into a MVD office and take the written test and obtain a learners permit. This may change in February 2020. If the changes are made, citizens will have to take classes at an approved facility and obtain a certificate to take to the MVD office to take the written test to obtain the learners permit. Rick Bailey is working with his staff to try and have classes up and running at NNMC by the Fall 2019 Semester. They are hoping to offer classes for the written exam, classes to train for the driven portion of the exam and contract out with other entities to perform the actual driving test. Should these changes become effective in February 2020, government entities like Los Alamos County and LANL will have to submit course information indicating what will be taught in each required class to the State of New Mexico MVD office for approval so they can continue training new hires. NNMC hopes to work with all government and private agencies to offer these classes and training.

Transit Division



The Transit Division performed shuttle service for Leadership Los Alamos on Friday April 12, 2019. Approximately 27 passengers were transported from White

Rock Visitor Center to Bandelier and returned later in the day.



New Mexico Transit Association held their annual Transit ROAD-EO and Conference on Saturday March 31, 2019 through Tuesday April 2, 2019. Transit Operators from around our state come together to show off their driving skills in a course designed to maneuver 40' transit buses. Atomic City Transit supported five Operators for the driving competition. Thank you to our operators – Julie AlderseBaes, Justin Chavez, Ramon Trujillo, Laura Dison, and Lloyd Ami.

Atomic City Transit did very well in the competition, bringing home first and second place winners in the large bus competition.

Congratulations: Lloyd Ami
1st place in the Large Bus Competition!



Lloyd will be going on to represent New Mexico in the annual national bus competition held in Louisville Kentucky. We wish Lloyd the best of luck and better best of skills while he competes in May.

Congratulations:
Ramon Trujillo
2nd place in the Large Bus Competition!



The day was cold, and several Operators and judges brave the elements to make this event successful. Below are additional pictures of the day.



Justin Chavez, completing his run in the large bus competition.



Laura Dison, first time participant, completing her run in the large bus category.



Julie AlderBaes getting ready to complete in small bus category.

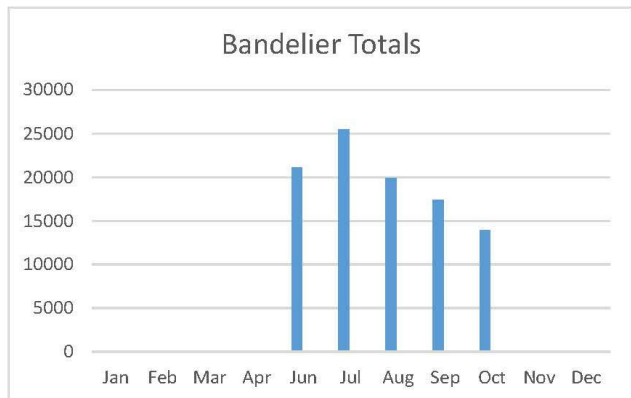
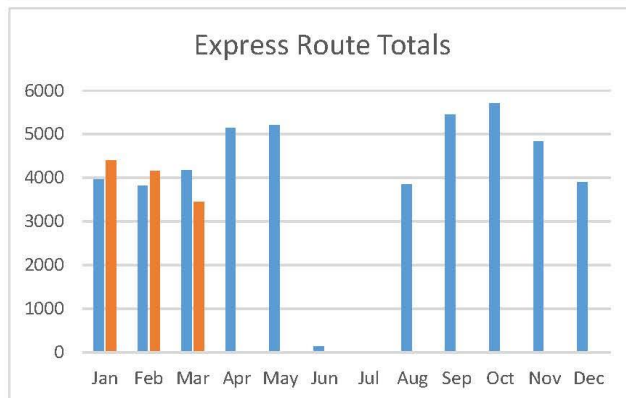
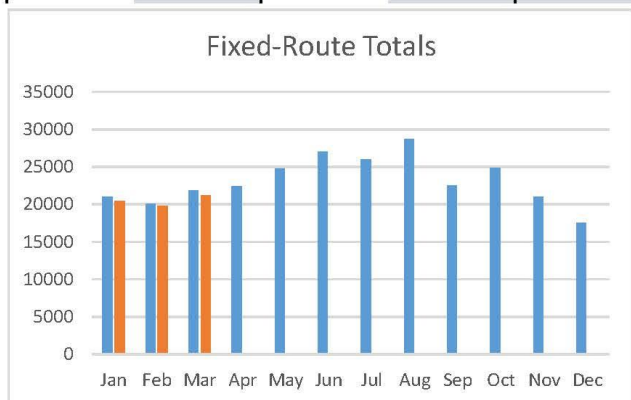
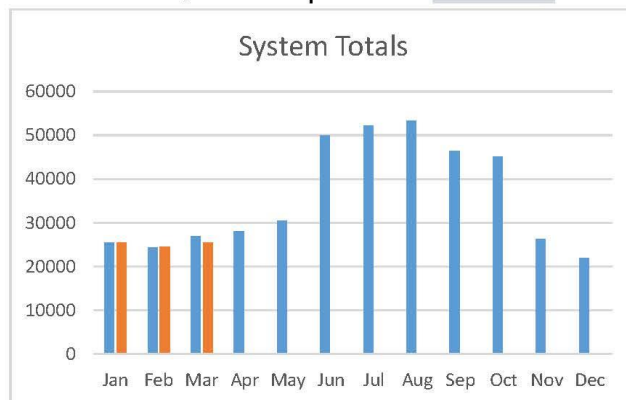
In addition, the conference offered excellent training courses to including, DBE, federal procurement guidelines, marketing, ADA, DOT Review Preparation and Human Trafficking. Great job NM DOT and New Mexico Transit Association.



March 2019 Ridership Report

LOS ALAMOS

Route	March Trips			Mar. Rev. Miles		Mar. Rev. Hours		YTD Trips
	2018	2019	% Chg	2018	2019	2018	2019	2019
1 Downtown	4,832	4,961	2.7%	3,965	3,785	328.5	313.6	13,819
2M White Rock - Main Hill	2,472	2,503	1.3%	7,895	7,537	297.7	284.2	7,136
2T White Rock - Truck Rt	1,561	1,590	1.9%	7,285	6,954	287.1	274.1	4,504
2P White Rock - Peak	354	436	23.2%	1,896	2,957	114.4	109.2	1,237
3 Central / Canyon	2,698	2,398	-11.1%	5,591	5,337	279.4	266.7	7,039
4 North Community	2,277	2,575	13.1%	4,051	3,867	286.0	273.0	7,967
5 Barranca Mesa	1,576	1,229	-22.0%	4,451	4,249	283.4	270.6	3,624
6 North Mesa	5,868	5,536	-5.7%	6,306	6,019	426.4	407.1	16,175
Fixed-route subtotal	21,638	21,228	-1.9%	41,441	40,705	2,303.0	2,198.4	61,501
7 North Mesa Expr	1,043	856	-17.9%	304	286	18.4	17.3	2,918
8 North Community Expr	759	554	-27.0%	109	103	7.4	6.9	1,955
9 Aspen Expr	709	675	-4.8%	84	79	5.9	5.6	2,283
10 Barranca Expr	992	725	-26.9%	141	132	8.8	8.3	2,659
11 White Rock Expr	665	629	-5.4%	286	269	11.3	10.7	2,177
Express route subtotal	4,168	3,439	-17.5%	923	869	51.8	48.7	11,992
12 Bandelier	-	-	0.0%	-	-	-	-	-
Dial-a-Ride	91	86	-5.5%	583	689	47.0	46.8	277
ACT Assist	515	487	-5.4%	4,547	3,523	265.0	214.0	1,453
Special Services	286	176	-38.5%	500	184	36.0	14.0	176
System total	26,698	25,416	-4.8%	47,995	45,970	2,703	2,522	75,399



■ 2018 ■ 2019

Total Passenger Trips to Date: 5,264,708

American Passenger Transportation Association is sponsoring Get on Board day was held on Thursday, April 25, 2019.



Get on Board Day is a new national awareness and advocacy day that is all about generating awareness of and increasing support for public transportation among riders and non-riders, elected officials, and stakeholders.

With a unified voice, our industry will come together to highlight the many benefits public transit provides to communities.



Annette Granillo, Transit Manager and Pete Mondragon, Fleet Manager attended the Colorado State Department of Transportation Electric Bus workshop on April 16, 2019.

This workshop was led by The Center for Transportation and the Environment (CTE), leaders and experts in the Fleet Electrification process. CTE's mission is to improve the efficiency and sustainability of the United States' energy and transportation systems. The workshop provided extensive information, tools, and resources to help Atomic City Transit get ready to go Electric. Topics covered included:

- Questions to ask before implementing electric buses in your agency
- Calculating a Realistic Usable Range
- Seasonal Variability
- Fleet Transition Planning
- Choosing the best route for electric buses
- Charging Systems

