



County of Los Alamos

1000 Central Avenue
Los Alamos, NM 87544

Agenda - Final Transportation Board

Sriram Swaminarayan, Chair; Don Machen, Vice Chair; Nancy Barnes; Terence L. Foecke; David Schiferl; and Kyle Wheeler, Members

Thursday, May 2, 2019

5:30 PM

1000 Central Avenue, Room 110

1. **CALL TO ORDER / ROLL CALL**

2. **APPROVAL OF AGENDA**

3. **PUBLIC COMMENT**

This section of the agenda is reserved for comments from the public on items that are not otherwise included in this agenda.

Please Limit Public Comment to 3 Minutes.

4. **LIAISONS' REPORTS**

5. **APPROVAL OF MINUTES**

[11858-19](#) Approval of the March 7, 2019 Transportation Board Minutes

Presenters: Sriram Swaminarayan, Chair of the Transportation Board

Attachments: [A- DRAFT- March 7, 2019 Meeting Minutes](#)

6. **OLD BUSINESS - Possible Action**

[11861-19](#) Trinity Drive/36th Street Intersection Improvements

Presenters: Eric Martinez, County Engineer

Attachments: [A - Board Presentation](#)

7. **NEW BUSINESS - Possible Action**

[11860-19](#) Election of Chair and Vice-chair

Presenters: Sriram Swaminarayan, Chair of the Transportation Board

[11862-19](#) Introduction to Electric Scooters

Presenters: Jon Bulthuis, Deputy Public Works Director

Attachments: [A - Electric Scooter Presentation](#)

[11892-19](#) Diamond Drive Asphalt Paving Project

Presenters: Eric Martinez, County Engineer

8. PROJECT UPDATES

[11859-19](#) Public Works Staff/Project Update - March and April 2019

Presenters: Philo Shelton, Public Works Director

Attachments: [A - Public Works Update - March 2019](#)

[B - Public Works Update - April 2019](#)

9. CHAIRPERSON'S REPORT

Transportation Board Presentation to Council on Tuesday, May 14, 2019 at 6:00 p.m. at Fire Station 3 in White Rock.

10. FUTURE AGENDA ITEMS

- * *Continue Discussion of Electric Scooters (June)*
- * *Wildlife Issues*
- * *LANL Trail Map*
- * *Flow Trail Update*
- * *Rose Street*
- * *Canyon Rim Trail Underpass - August*

11. ADJOURNMENT

If you are an individual with a disability who is in need of a reader, amplifier, qualified sign language interpreter, or any other form of auxiliary aid or service to attend or participate in the hearing or meeting, please contact the County Human Resources Division at 505-662-8040 at least one week prior to the meeting or as soon as possible.

Public documents, including the agenda and minutes can be provided in various accessible formats. Please contact the personnel in the Public Works Division at 505-662-8150 if a summary or other type of accessible format is needed.



County of Los Alamos

Staff Report

May 02, 2019

Los Alamos, NM 87544
www.losalamosnm.us

Agenda No.:

Index (Council Goals):

Presenters:

Legislative File: 11858-19

...Title

Approval of the March 7, 2019 Transportation Board Minutes

...Recommended Action

I move that the Transportation Board approve the March 7, 2019 minutes as presented.

OR

I move that the Transportation Board approve the March 7, 2019 minutes as amended.

...Attachments

A - DRAFT March 7, 2019 Meeting Minutes



County of Los Alamos

Minutes

Transportation Board

1000 Central Avenue
Los Alamos, NM 87544

*Sriram Swaminarayan, Chair; Don Machen, Vice Chair; Nancy Barnes, Julie A Bennett;
Terence L. Foecke; David Schiferl; and Kyle Wheeler, Members*

Thursday, March 7, 2019

5:30 PM

1000 Central Avenue, Room 110

1. CALL TO ORDER / ROLL CALL

The March 7, 2019 Transportation Board Meeting was called to order at 5:30 p.m.

Present:

Don Machen

Kyle Wheeler

Terence Foecke

Nancy Barnes

Absent:

Sriram Swaminarayan

David Schiferl

Staff in attendance:

Jon Bulthuis, Deputy Public Works Director

Eric Martinez, County Engineer

Louise Romero, Office Manager

Members of the public in attendance:

None.

2. APPROVAL OF AGENDA

A motion was made by Member Wheeler, seconded by Member Foecke that the March 7, 2019 agenda be approved as amended; motion passed unanimously.

Item 7 - 11752-19 - Election of Chair and Vice Chair has been postponed.

3. PUBLIC COMMENT

None.

4. LIAISONS' REPORTS

Tourism Implementation Task Force Meeting - Member Wheeler mentioned the Task Force would be implementing the Wayfinding project over the next three years. One of the items on the task force's list of priorities is providing Atomic City Transit weekend bus service between the White Rock Visitors Center and Los Alamos during the Bandelier shuttle season; however, there was no discussion of that particular item on the list.

Environmental Sustainability Board - Vice Chair Machen did not have an update.

5. APPROVAL OF MINUTES

11751-19 Attachments: [DRAFT Meeting Minutes - February 7, 2019](#)

A motion was made by Member Wheeler, seconded by Member Foecke that the February 7, 2019 meeting minutes be approved as amended; motion passed unanimously.

6. OLD BUSINESS -Possible Action

11773-19 **NM 502 Updates and Other Projects**

Eric Martinez, County Engineer provided an update regarding the NM502 Project and various other projects. A public meeting for the NM 502 Project will be held on Wednesday, March 13, 2019 at 5:00 p.m. at Fuller Lodge.

- NM 502 Roadway Reconstruction & Roundabout Project will begin March 18th
- The project will improve NM 502 between Knecht Street and Tewa Loop
- The project will include roadway reconstruction, earthwork, curb and gutter, sidewalk, concrete retaining walls, storm drain, landscaping, permanent signing, lighting, traffic signalizations, and utilities. The project will also replace the existing intersection at NM 502 and Central Avenue with a roundabout to improve traffic flow.
- TA-21 Clean-up - eastern end of DP Road.
- SEP Water Line - Truck Route
- SEP Intersection Project

Please see the attached hand-out for more information.

7. NEW BUSINESS - Possible Action

11752-19 **Election of Chair and Vice-chair (Postponed)**

8. PROJECT UPDATES

[11753-19](#) **Attachments:** [Public Works Update for February 2019](#)

Jon Bulthuis, Deputy Public Works Director, presented updates regarding Public Works projects for February 2019.

9. CHAIRPERSON'S REPORT

Reminder - Boards & Commissions Luncheon will be held on March 14, 2019.

10. FUTURE AGENDA ITEMS

- Election of Chair and Vice-chair
- April - Road Diet Study
- April - House Bill 282 Regarding Scooters
- Wildlife Issues
- LANL Trail Map
- Flow Trail Update
- Rose Street
- August - Canyon Rim Trail Underpass

11. ADJOURNMENT

A motion was made by Member Wheeler seconded by Member Foecke that the March 7, 2019 meeting be adjourned at 6:25 p.m.; motion passed unanimously.

If you are an individual with a disability who is in need of a reader, amplifier, qualified sign language interpreter, or any other form of auxiliary aid or service to attend or participate in the hearing or meeting, please contact the County Human Resources Division at 505-662-8040 at least one week prior to the meeting or as soon as possible.

Public documents, including the agenda and minutes can be provided in various accessible formats. Please contact the personnel in the Public Works Division at 505-662-8150 if a summary or other type of accessible format is needed.



County of Los Alamos

Staff Report

May 02, 2019

Los Alamos, NM 87544
www.losalamosnm.us

Agenda No.:

Index (Council Goals):

Presenters:

Legislative File: 11861-19

...Title

Trinity Drive/36th Street Intersection Improvements

...Attachments

A - Presentation

36th St. & Trinity Dr. Intersection Improvements

Transportation Board Meeting

Santa Fe Engineering Consultants, LLC

Michael Gomez, Principal Engineer

Bernadette Scargall, Project Manager

Public Works Department

Eric Martinez, County Engineer

Desirae Lujan, Senior Engineer

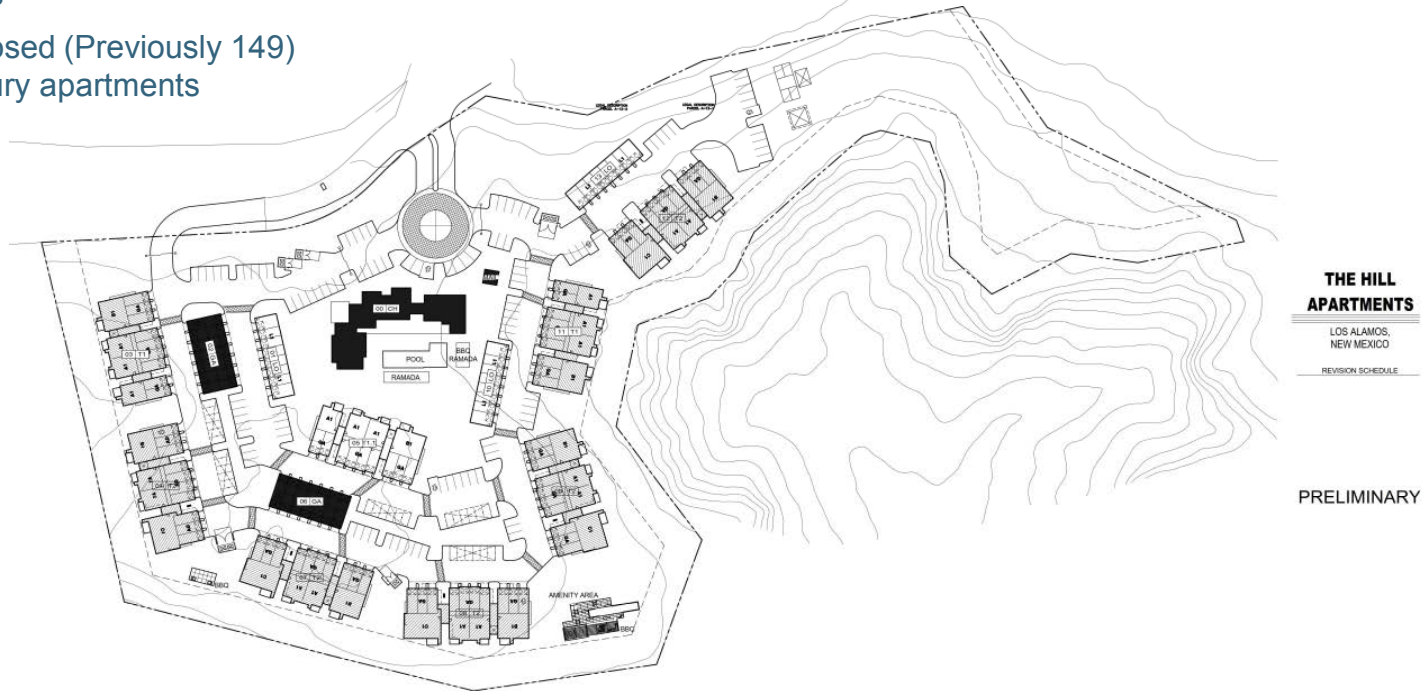
May 2, 2019

LOS ALAMOS

Proposed New Site Plan (subject to change)

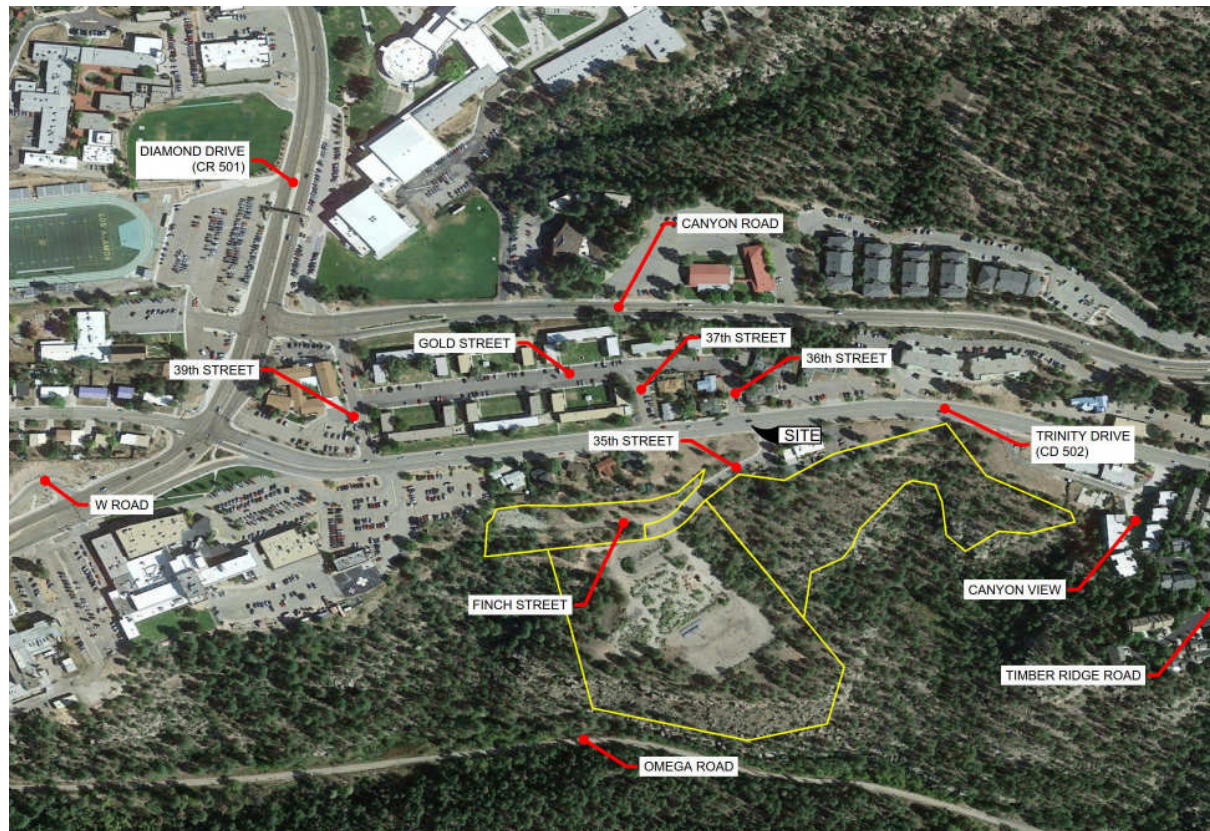
“The Hill” Apartments

- 158 Units Proposed (Previously 149)
- Market rate luxury apartments



LOS ALAMOS

Project Area & Location

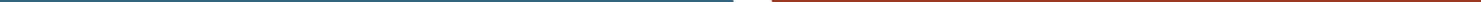


LOS ALAMOS

Site Concerns

- Complete Streets Considerations
 - Pedestrian Safety & ADA Compliance
 - Bicycle Facilities
 - Transit Considerations
 - Traffic Safety
- Adjacent Driveways & Properties
- Limited Right of Way
- NMDOT Considerations
 - Trinity Drive Corridor
 - Major Intersections: Diamond Dr., Oppenheimer Dr.
 - Diamond Dr. & Canyon Rd.





New Alternatives Considered

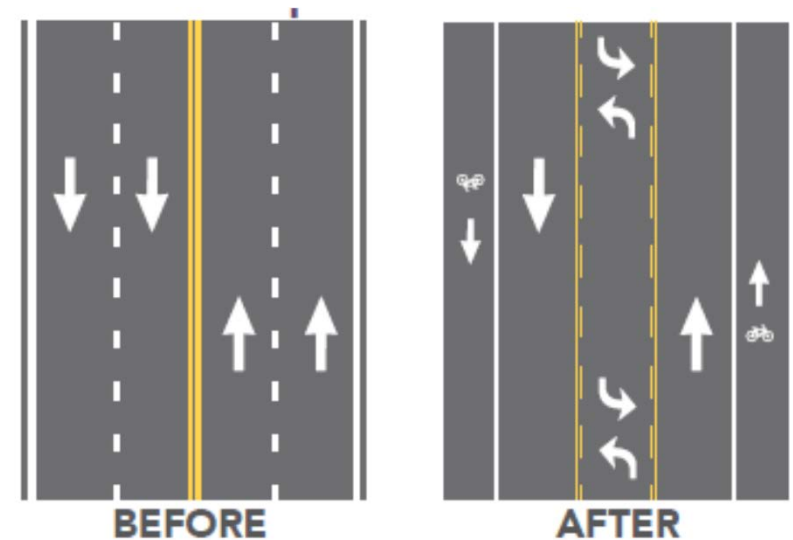
Following January 3rd Transportation Board Meeting

- Alternative 1 – Refined Intersection Improvements
- Alternative 2 – Road Diet
 - Option A: Phase 1, Diamond Drive to Canyon View
Phase 2, Canyon View to Oppenheimer (future phase)
 - Option B: Diamond Drive to Oppenheimer Drive
- Other alternatives considered, but not recommended:
 - No Build: Failing movements and safety issues; does not meet NMDOT requirements.
 - Traffic Signal: Engineering warrants & NMDOT requirements not met.
 - Roundabout: Requires substantial right-of-way acquisition; additional traffic analysis; topographic challenges—southern slope.

Alternative – Road Diet

What is a Road Diet?

- Reduces number of vehicular lanes on a roadway
 - Same pavement width, new lane configuration
- Low cost method to transform a primarily vehicular route to a “complete street”
 - Ability to provide bike lanes, pedestrian crossings and buffers



Alternative – Road Diet



LOS ALAMOS

Road Diet Example

Solano Drive, Las Cruces, NM



LOS ALAMOS

Road Diet Example

Siler Road, Santa Fe, NM



Before (2011)

After (2017)



LOS ALAMOS

Road Diet – Traffic Analysis

- Capacity
 - Level of Service
 - Future Growth
- Crash Data
- Reduced motor-vehicle speeds
- Bicycles & Pedestrians
 - Dedicated bicycle lanes
 - Increased buffer space between vehicle lanes & sidewalk
 - Pedestrian crossings and refuge islands
- Emergency Access
- Transit Service

Road Diet – Evaluation

PROS

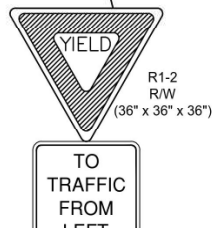
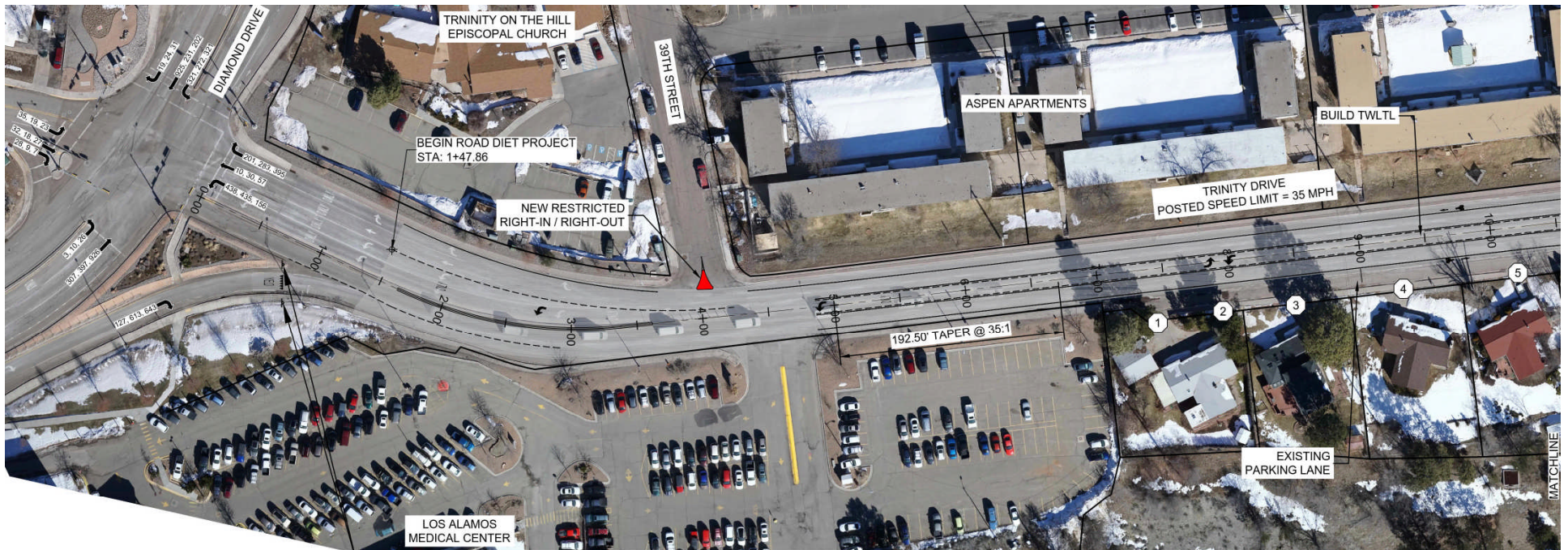
- Adequate intersection capacity at minor streets and driveways
- Continuous Center Lane (two-way, left turn lane)
 - Left turn storage
 - Two stage crossing availability (gap acceptance)
 - Emergency access availability
- Conflicts Points Reduced
- Complete Streets
 - Bike Lanes (both directions)
 - Pedestrian Buffer from Vehicular Traffic (both directions)
 - Pedestrian Crossing - Median Refuge Availability
 - Transit Bus Bay Proposed Near 36th Street
- NMDOT Review (ongoing)
- Left Turn Lane Provided to Hospital East Entrance
- Low initial costs

Road Diet – Evaluation

CONS

- Does not solve existing capacity problems at major intersections – Diamond Drive / Oppenheimer
- Driver expectation – motorists accustomed to 4 lanes
- Transit Service
 - Eastbound thru/bike lane impedance at 2 locations
 - Note: By-passed if no riders are present
- Continuous Center Lane Conflicts
 - Note: Applicable where multiple, closely spaced driveways exist
- Medians Restrict Emergency Access
 - Note: only two medians proposed for pedestrian crossing
- Public Perception

Road Diet – Layout



Trinity Drive – Diamond to 37th Street

Road Diet – Layout



Road Diet – Layout



Road Diet Layout – Phased Option



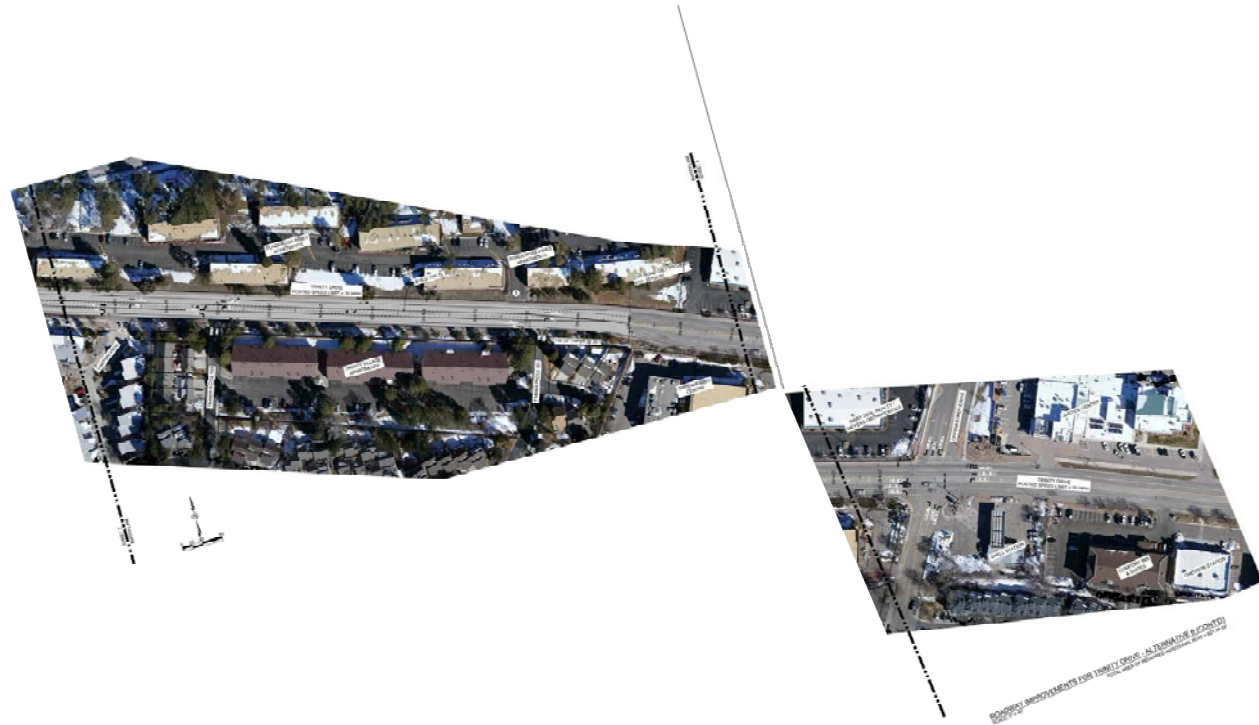
Design & Construction Schedule

- Jan. 3, 2019: Transportation Board Meeting No. 1
- Jan. – April 2019: Examine Road Diet Alternative per Transportation Board
- May 2, 2019: Transportation Board Meeting No. 2
- May 2019: Complete Traffic Study
- June 2019: Final Design
- June – July 2019: NMDOT Review

Thank You!

For further comments or questions contact:
Los Alamos Public Works
(505) 662-8150

Email comments to: lacpw@lacnm.us





County of Los Alamos

Staff Report

May 02, 2019

Los Alamos, NM 87544
www.losalamosnm.us

Agenda No.:

Index (Council Goals):

Presenters:

Legislative File: 11860-19

...Title

Election of Chair and Vice-chair

...Body

The Boards & Commissions Rules indicate that each Board shall annually elect a Chair and Vice-chair from among its members. The Chair and Vice-chair will serve at the pleasure of the Board and will be eligible for election to subsequent terms.

The existing Chair shall call for nominations for Chair, followed by Board comments, and then a vote. The same process applies for the election of a Vice-chair.

...Recommended Action

I move that [insert name] be appointed Transportation Board Chair.

I move that [insert name] be appointed Transportation Board Vice-chair.



County of Los Alamos

Staff Report

May 02, 2019

Los Alamos, NM 87544
www.losalamosnm.us

Agenda No.:

Index (Council Goals):

Presenters:

Legislative File: 11862-19

...Title

Introduction to Electric Scooters

...Attachments

A - Electric Scooter Presentation

Electric Scooters

Overview of a Growing Trend in Local Transportation

Los Alamos County / Atomic City Transit
October 2019

Private Sector Initiative

- Scooters owned and delivered by for profit vendor
- APP based user interface with credit card requirement
- Scooters have GPS and can be located using the APP
- Fees typically charged per use (*50¢ to \$1.00 to unlock*) and for time-in-use (*per minute charge usually around 15¢*)
- Users responsible for leaving scooter in suitable public locations
- Private firm responsible for maintaining/charging/relocating
- Local government responsible for ordinance to regulate use

Most Popular Companies

- BIRD
- BOLT (TAXIFY)
- JUMP BIKES (UBER)
- LIME
- LYFT
- RAZORUSA
- SCOOT NETWORKS
- SKIP
- SPIN (FORD MOTORS)

Example Implementation Locations

- LIME
 - Detroit
 - Plainfield
 - Keyport
 - Providence
 - Nashville
- Bird
 - Austin
 - Columbus
 - Santa Monica
 - Atlanta
 - Salt Lake City

New Mexico's Experience to Date

- Albuquerque – conceptually approved by Council but no deployment
(UNM – also has a policy but no deployment)
- Farmington – no deployment at this time and no additional information available
- Las Cruces – City and Mayor are exploring possibility with vendor
(NMSU – Spin has current deployment that students use and enjoy)
- Santa Fe – 1 year moratorium to develop regulatory ordinance

What The Scooters Look Like



San Francisco



Detroit

Additional Scooter Photos



Attachment A

Benefits to Local Communities

- Inexpensive user option for short trips or first/last mile of trip to/from transit
- No public sector investment in capital or ongoing equipment upkeep/maintenance
- Deployments typically more successful in terms of usage than bike-share programs
- Enjoyed by tourists and locals alike
- Available to most (*requires smart phone and credit card*)

Challenges for Local Communities

- Deployment is market-based: vendor decides when, where, and number of scooters to be located in a community (*can occur with little to no notice*)
- Operation must be financially viable to continue serving a community
- Local community must address issues related to deployment such as:
 - Regulating rider behavior (*where they ride and where they park*)
 - Managing rider safety (*helmet laws and general rider safety*)
 - Controlling parking of scooters when not in use (*defined areas to which parking is limited*)
- Proactive ordinance development can lead to improved public acceptance
- If desired by Los Alamos County can a vendor be attracted to test the Los Alamos County market?

Staff Recommendations

- Explore example ordinances and policies from communities where successful deployments have occurred
- Develop draft Los Alamos County ordinance and/or policy to address identified community challenges such as:
 - Regulating rider behavior (*where they ride and where they park*)
 - Managing rider safety (*helmet laws and general rider safety*)
 - Controlling parking of scooters when not in use (*define required parking areas*)
 - Managing vandalism or theft
 - Ensuring vendor upkeep, charging, relocation and ongoing maintenance of scooters
 - Determining if riders be allowed to transport scooters on Atomic City Transit buses
 - Requiring a minimum deployment timeframe from vendor to assess viability

QUESTIONS?



County of Los Alamos

Staff Report

April 02, 2019

Los Alamos, NM 87544
www.losalamosnm.us

Agenda No.:

Index (Council Goals):

Presenters:

Legislative File: 11892-19

...Title

Diamond Drive Asphalt Paving Project

...Recommendation

...Body

...Attachments



County of Los Alamos

Staff Report

May 02, 2019

Los Alamos, NM 87544
www.losalamosnm.us

Agenda No.:

Index (Council Goals):

Presenters:

Legislative File: 11859-19

...Title

Public Works Staff/Project Update - March and April 2019

...Attachments

A - Public Works Update - March 2019

B - Public Works Update - April 2019

In the Works....

Public Works Update – March 2019

Administration Division

Chamber Business Breakfast at UNM-LA



On March 14, 2019 Public Works Director Philo Shelton updated business members on road construction mitigation on NM502 and DP Road.

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.

March 7, 2019 Transportation Board Meeting Highlights

🌈 Eric Martinez, County Engineer provided an update on the NM 502 Project.

Airport Division

Fence Project – Update



After some long delays due to weather and soggy conditions, crews were back to work on the fence project on Mar 25th. The crews are tackling the last remaining items including vehicle and pedestrian gates,

some pavement work, relocation of two light poles and a short stretch of fence along airport road. We expect the project to be complete by mid-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.

After some long delays due to weather and soggy conditions, crews were back to work on the fence project on Mar 25th. The crews are tackling the last remaining items including vehicle and pedestrian gates, some pavement work, relocation of two light poles and a short stretch of fence along airport

road. We expect the project to be complete by mid-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.

Custodial Division

- The Custodial Division supported 208 events during the month of March.
- Two vacant custodial positions were filled in March.
- New flower boxes were purchased for the annuals on the patio at Fuller Lodge.
- The Division started its new cleaning certification training program this month.

Engineering & Project Management Division

Fire Station 3

Due to unusually wet weather the contract has been extended until April 12, 2019 to complete all items and deliver the project completed. Only two items remain outstanding, roof ladders and the snow melt system cabling.

White Rock Senior Meals Center Kitchen Equipment Upgrade

Work started in the kitchen on March 16th and was completed on March 25th. Senior are be served through the Los Alamos Senior Center Kitchen during this period. The White Rock Kitchen will reopen on April 1st.

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 will occur in the Spring when cooling will be needed in the building, this is scheduled to be complete by June 1st and will not impact the occupancy of the building.

Additional work on the elevator will be complete by the end of March including a fire caulking, a damper, and a Shunt Trip breaker requested by the Fire Marshall as precautionary items.

Fire Station 2 Training Tower Work

A consultant is being hired to verify the tie-offs and lowering structures on the tower meet OSHA safety requirements. County facilities crews will perform work to correct some door and wall panel issues and a concrete contractor will be hired 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

Staff is working to secure design services for the re-roofing of the Airport due to some damage in January. The roof is at the end of its life and needs to be replaced. Work could occur as early as mid-June and complete at the end of July.

Aquatic Re-roof and Structural Repairs

Staff is working to secure 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 humidity from pool. 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. County project management staff met with The American Legion the week of February 25th to discuss the appraised value and discuss next steps concerning their membership. A formal offer is being drafted by the County and is anticipated to be sent to the property owners in April.

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 is scheduled to Council approval on April 2nd. Final plans are anticipated in June 2019.

Tsikumu Village

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. Review of A-9 60% design has been submitted back to developer.

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 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.

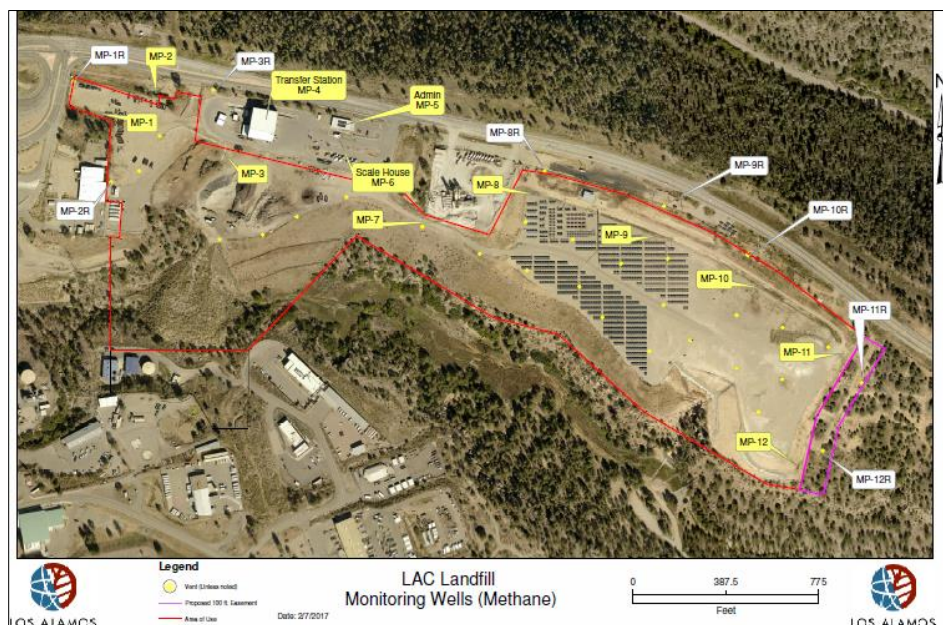
Environmental Services Division

Training

Environmental Services Superintendent Armando Gabaldon completed his training to be a certified landfill operator. Equipment Operator Clint Chevalier received recertification in Household Hazardous Waste Management

Los Alamos County Landfill Gas (LFG) Update

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



Los Alamos High School AP Environmental Science class Tours the Eco Station



Los Alamos High School AP Environmental Science class visited the Eco Station to learn about waste generation and disposal. Environmental Services manager, Angelica Gurule, discussed the triple bottom line, people, planet, and profit. These are fundamental principles of how we do business. We try to balance the needs of our customers with what is the most financially responsible as well as what is

right for the planet. The students also learned how recycle material is impacted from a global market and by recycling right our material has more value. Students walked away with knowledge of how waste and recycle materials are processed in Los Alamos.

Zero Waste Team Meeting and 1 Year Anniversary



The Zero Waste team met March 20th and had new member Elchin Jafarov present on his composting system and business – “Turning Waste into Profit.” Once the meeting was done the team celebrated their 1-year anniversary.

The Zero waste Team is a group of citizens who engage the community on the importance of reducing waste and becoming more sustainable. In the first year the team has produced many articles for the LA Daily Post, engaged business owners about reducing food waste, created outreach material, and made community events such as Bear Fest and Chamisa Elementary Schools Recycle Fashion Show and Craft Fair zero waste events.

Future Goals for the team include supporting community or county wide composting of food waste and making all county sponsored events zero waste events.



Residential Sustainability Report



Residential Sustainability Report

Service Period: February 2019

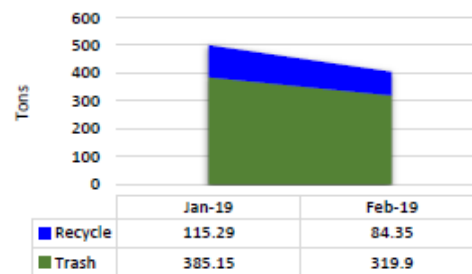
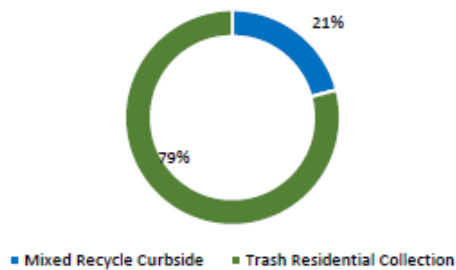


LOS ALAMOS

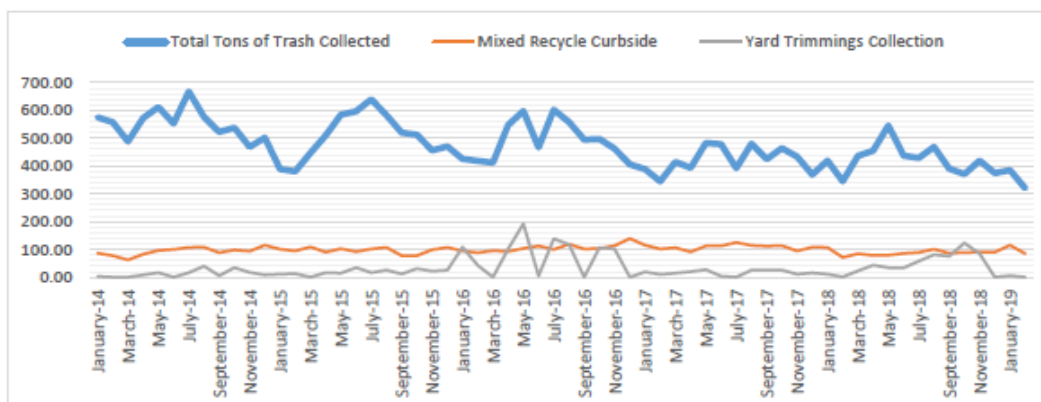
February Diversion Rate: 21%

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

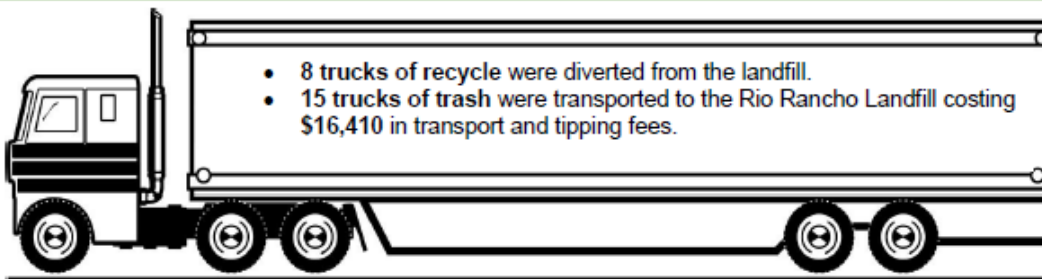
Monthly Collection Report



In February by recycling and composting Los Alamos County reduced CO2 emissions by ~290.16 tons



In 2019 by recycling and composting Los Alamos County reduced CO2 emissions by ~697.45 tons



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

Facilities Division

New Visitor Center – Community Building Remodel



The Los Alamos Visitor's Center is moving from its previous location at the Central & 15th St. shopping center to a location in Los Alamos County's Community Building opposite the Manhattan Project National Historic Park office on 20th St.

Work in preparation for the move included removing walls to improve flow and completely repainting the space to provide a welcoming environment for area visitors to learn about the community.

Court Audio Upgrades



Facilities crew members are working with PACE Audio (contractor to the County) on a complete replacement and upgrade of the audio systems that serve the municipal and magistrate court facilities located in the Judicial Complex.

In addition to bringing the system into the digital age, the upgrade will provide the technological capabilities standard in District Courts statewide.

Airport Hangar Modifications



Staff are working to make final modifications to the new airport hangar required to be in full compliance with the fire code. This activity will be the last at the hangar completing a project many months in the making and clearing the way for the space to serve as revenue producing rental property for the airport, while providing protective cover for the equipment operated by Classic Air Medical. Move in date is scheduled for April 1st.

Fleet Division

New marked unit for Police Department.



New units for Utilities



Traffic & Streets Division



Crews have been patching sections of asphalt on 33rd and 34th Street.



Crews were called to assist with removing a tree from power lines at the top of Ski Hill Road.



Crews were called out to remove a fallen tree on West Road by the Ice-Skating Rink.





Crews were called out to remove a tree that fell on a Jeep.



Crews were called out to remove a fallen tree from Diamond Drive.



Crews were called out to remove a fallen tree on 33rd Street.



Crews were called out to remove a fallen tree on 46th Street.



Crews removed snow that was dumped on Deer Trap Trail Head during the snow storms in December, January and February.

Transit Division

Shuttle Service

The Transit Division performed 30-minute shuttle service from Sullivan Field to Pajarito Mountain for Skiasta on March 16, 2019. In addition, a Dial-A-Ride service was performed the same evening for St. Patrick's Day.

Great weather brought several people out to celebrate. Ridership for Skiasta increased by 115 people this year and was a total of 378 with St. Patrick's Day celebration transporting approximately 24.

Los Alamos Police Department did perform saturation patrols and zero arrests were made. Way to go Los Alamos!



New Mexico Transit Association will be hosting the annual Transit ROAD-EO. Transit drivers from around our state come together once a year to show off their driving skills in a course designed to maneuver 40' transit buses.

Atomic City Transit will be supporting six drivers for competition and the winners of the ROAD-EO will go on to represent New Mexico in the annual national competition. This year's ROAD-EO will be held at Buffalo Thunder on Sunday March 31, 2019. Good luck to the following contestants: Julie AlderseBaes, Justin Chavez, Corrine Salazar, Ramon Trujillo, Laura Dison, and Jonathan Gonzales.



Sidney Snyder, Transit Operator Trainee started with Transit on February 25th. She passed her CDL and is learning the bus routes.



Virginia Espinoza, Senior Office Specialist started with Transit in early March. Welcome to the County.

On March 20, 2019 Atomic City Transit employees attended Blood Borne Pathogen training.

We also had a visit from the Eco Station with a presentation on how to recycle correctly and add to our goal of zero waste. Thank you, Josh for all the information.



In the Works....

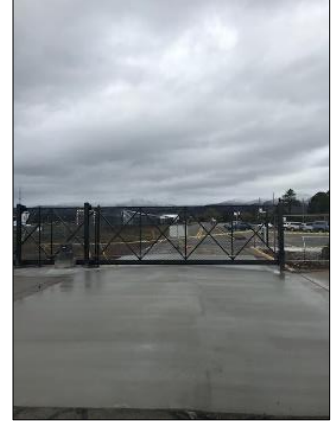
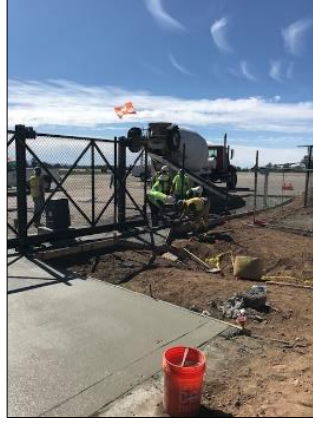
Public Works Update – April 2019

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.

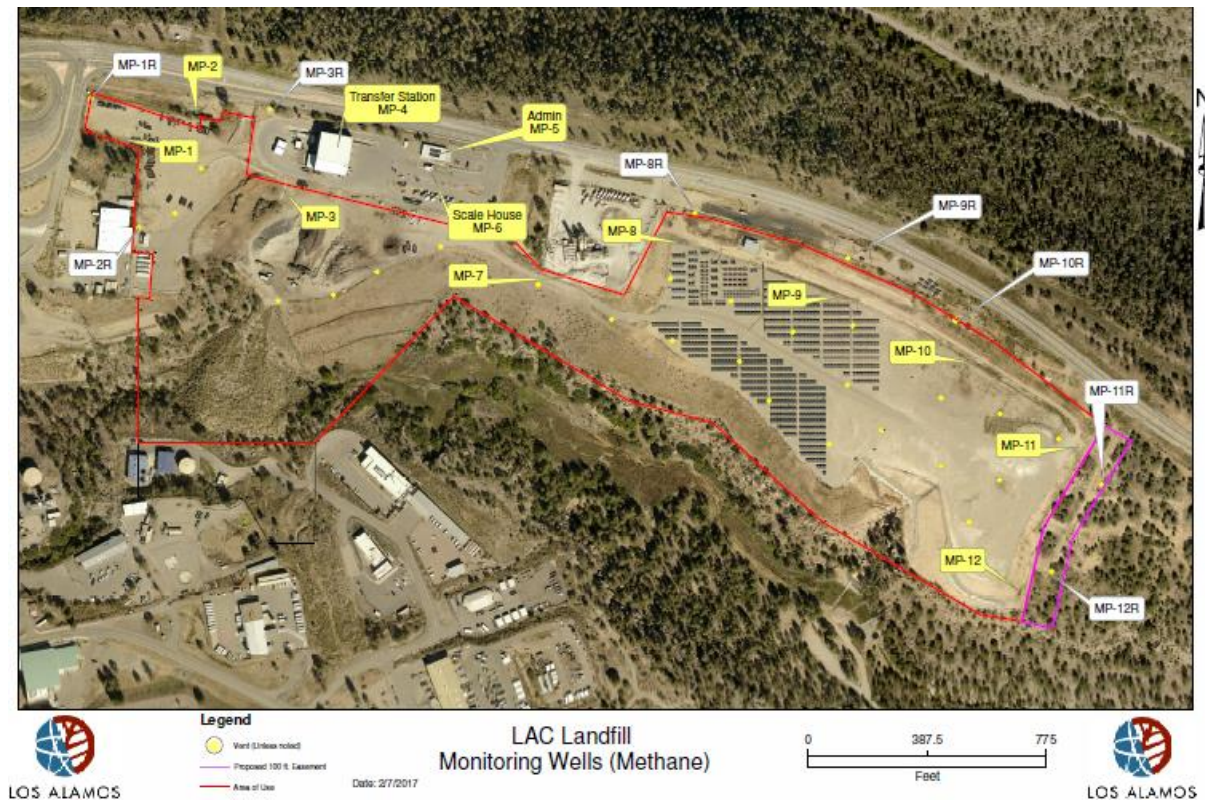
Environmental Services Division

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%

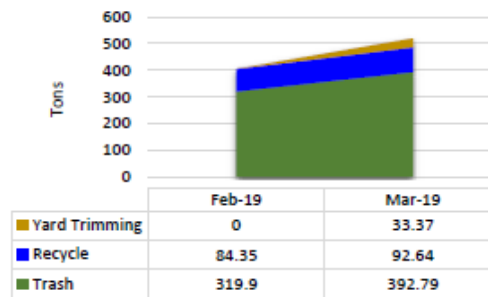
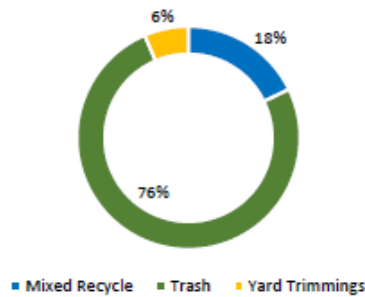
March Diversion Rate: 24%



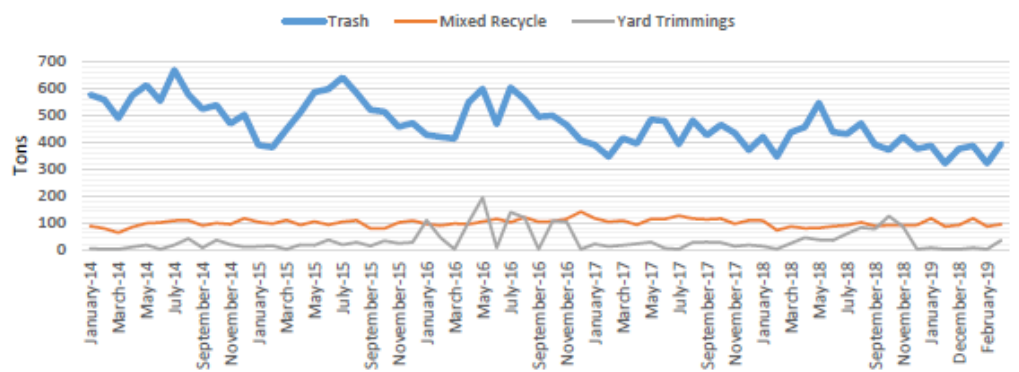
LOS ALAMOS

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

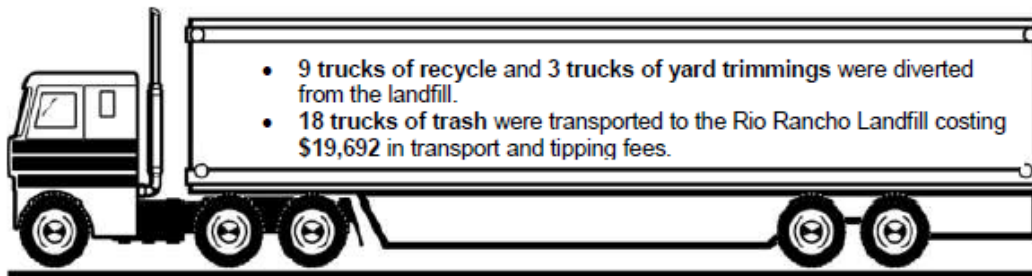
Monthly Collection Report



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

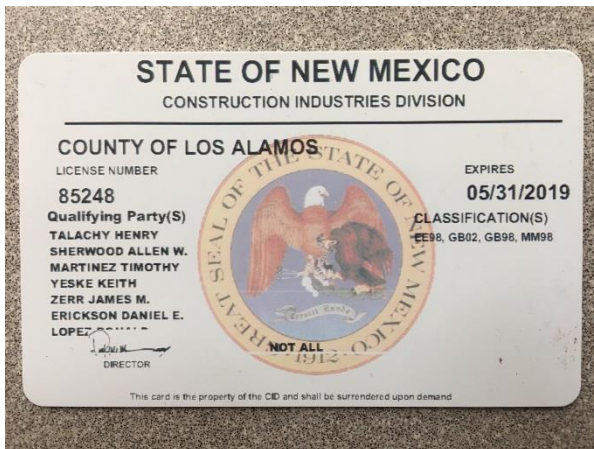
Fire Extinguishers – Countywide Replacement Program



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.

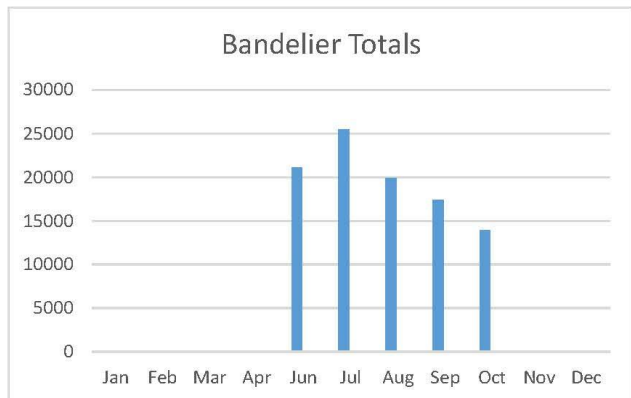
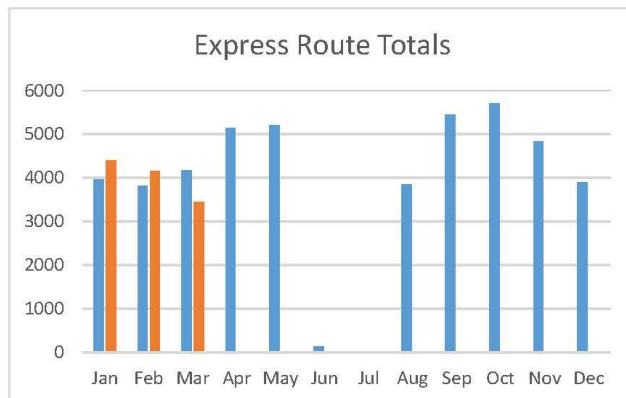
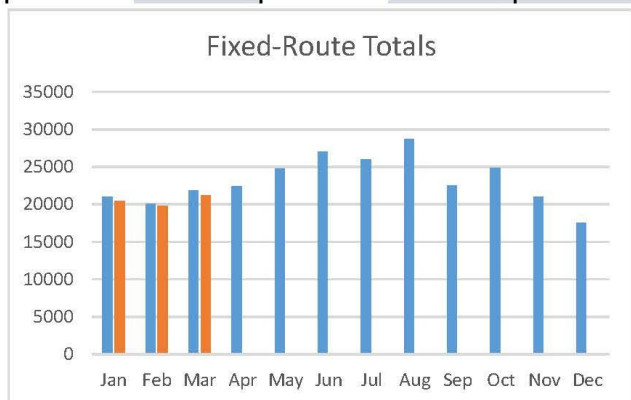
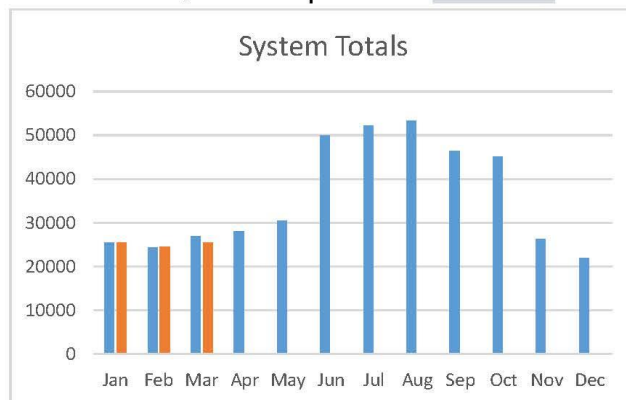
In addition, the conference offered excellent training courses to including, DBE, federal procurement guidelines, marketing, ADA, DOT Review Preparation and Human Trafficking. Great job NM DOT and New Mexico Transit Association.



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

