



# County of Los Alamos

1000 Central Avenue  
Los Alamos, NM 87544

## Agenda - Final Transportation Board

*Khalil Spencer Chair; Brian O'Neil, Vice Chair;  
Nancy Jo Barnes, Don Machen, and James L. Nesmith,  
Members*

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Thursday, September 1, 2016

5:30 PM

1000 Central Avenue, Room 110

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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**

[8507-16](#) Approval of the August 4, 2016, Transportation Board Minutes

**Presenters:** Khalil Spencer, County Engineer

**Attachments:** [A - DRAFT - Transportation Board Meeting Minutes - 09-August-2016](#)

6. **OLD BUSINESS**

[8541-16](#) Bike Plan Public Information and Involvement Plan Discussion

**Presenters:** Eric Martinez, County Engineer

7. **NEW BUSINESS**

[8510-16](#) Supplemental Environmental Projects Update

**Presenters:** Bryan Aragon, Senior Engineer

8. **PROJECT UPDATES**

[8509-16](#) Public Works Staff/Project Update - August 2016

**Presenters:** Jon Bulthuis, Deputy Public Works Director

**Attachments:** [A - Public Works Department Update August 2016](#)

**9. CHAIRPERSON'S REPORT**

**10. FUTURE AGENDA ITEMS**

*1. Bicycle Master Plan*

**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

Los Alamos, NM 87544  
www.losalamosnm.us

## Staff Report

September 01, 2016

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**Agenda No.:**

**Index (Council Goals):**

**Presenters:**

**Legislative File:**               **8507-16**

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**...Title**

Approval of the August 4, 2016, Transportation Board Minutes

**...Recommended Action**

**I move that the Transportation Board approve the August 4, 2016 minutes as presented.**

**Or**

**I move that the Transportation Board approve the August 4, 2016 minutes as amended.**

**...Attachments**

A - August 4, 2016 DRAFT Transportation Board Minutes



# County of Los Alamos

1000 Central Avenue  
Los Alamos, NM 87544

## Minutes

### Transportation Board

*Khalil Spencer Chair; Brian O'Neil, Vice Chair;  
Nancy Jo Barnes, Don Machen, and James L. Nesmith, Members*

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Thursday, August 4, 2016

5:30 PM

1000 Central Avenue, Room 110

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#### 1. CALL TO ORDER / ROLL CALL

The August 4, 2016 Transportation Board Meeting was called to order at 5:30 p.m.

Present: Chair Spencer, Member Barnes and Member Machen, Member Nesmith, Vice-chair O'Neil, was absent.

Staff in attendance: Jon Bulthuis, Deputy Public Works Director; Eric Martinez, County Engineer; and Louise Romero, Office Manager.

Members of the public in attendance: Arin McKenna, LA Monitor, Jonathan Henley, 4037A Ridgeway Drive; and Tamara Baer.

#### 2. APPROVAL OF AGENDA

A motion was made by Member Nesmith, seconded by Member Machen, that the August 4, 2016 agenda be approved as presented; the motion passed by a unanimous vote

#### 3. PUBLIC COMMENT

No public comment.

#### 4. LIAISONS' REPORTS

Member Machen spoke regarding energy statistics and quarterly pickup provided by Environmental Services.

#### 5. APPROVAL OF MINUTES

##### [8434-16](#)

A motion was made by Member Nesmith, seconded by Member Machen, that the June 2, meeting minutes be approved as presented; the motion passed by a unanimous vote.

A motion was made by Member Nesmith, seconded by Member Machen, that the July 7, 2016 meeting minutes be approved as presented; the motion passed by a unanimous vote.

## 6. OLD BUSINESS

[8471-16](#) Update on the Development of an Urban Bike Path

Eric Martinez, County Engineer provided a brief update regarding the Development of an Urban Bike Path.

## 7. NEW BUSINESS

Chair Spencer opened the public hearing offering an opportunity for public comment on the item, hearing none, the public hearing was closed.

[8463-16](#) **Public Hearing:** Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities fiscal year 2018 grant funding for an ACT Assist Paratransit replacement vehicle.

[8464-16](#) **Public Hearing:** Section 5311 Public Rural Transportation Fiscal Year 2018 Grant funding for Administrative, Operating, and Capital funds to continue public transportation services provided by Atomic City Transit.

After brief discussion Member Nesmith made the following motion; I move that the Transportation Board recommend that Council authorize staff to apply for and accept Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities fiscal year 2018 grant funding for an ACT Assist Paratransit replacement vehicle and Section 5311 Public Rural Transportation Fiscal Year 2018 Grant funding for Administrative, Operating, and Capital funds to continue public transportation services provided by Atomic City Transit. The motion was seconded by Member Machen; the motion passed by a unanimous vote.

[8465-16](#) **Complete Streets Webinar** - American Society of Civil Engineers. This webinar will provide planners, engineers, and other members of the professional transportation design community with technical complete streets design implementation tools, creating the foundation necessary to effectively plan and create complete streets and networks that serve all users. The material covered will define the typical goals of complete streets projects along with a thorough review of the leading national design policies and guidance, including Federal and State DOT guidance. An example design project was used to illustrate the design process for selecting key design controls and criteria to accomplish a complete street project design. An experienced instructor recognized for their design experience and teaching expertise was the instructor for the webinar.

**8. PROJECT UPDATES**[8436-16](#)

Public Works Project Updates were briefly discussed.

**9. CHAIRPERSON'S REPORT**

Chair Spencer mentioned the Comprehensive Plan meetings and cited three interviews were held for the vacant positions on the Board. The item is on the August 30th Council agenda.

**10. FUTURE AGENDA ITEMS**

1. Supplemental Environmental Projects Update

**11. ADJOURNMENT**

A motion was made by Member Nesmith, seconded by Member Machen, that the August 4, 2016 meeting be adjourned.

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.

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**County of Los Alamos**  
**Staff Report**  
**September 01, 2016**

Los Alamos, NM 87544  
www.losalamosnm.us

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**Agenda No.:**

**Index (Council Goals):**

**Presenters:** Eric Martinez, County Engineer

**Legislative File:** 8541-16

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**Title**

Bike Plan Public Information and Involvement Plan Discussion



# County of Los Alamos

Los Alamos, NM 87544  
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## Staff Report

September 01, 2016

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**Agenda No.:**

**Index (Council Goals):**

**Presenters:**

**Legislative File:**                **8510-16**

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### **...Title**

Supplemental Environmental Projects Update

### **...Body**

#### **Supplemental Environmental Project Meetings**

The New Mexico Environment Department, the U.S. Department of Energy and its contractors signed two settlement agreements resolving the February 2014 incidents at the Waste Isolation Pilot Plant in Carlsbad and the associated activities at Los Alamos National Laboratory. The agreements provide for a set of Supplemental Environmental Projects (SEPs) in both the Carlsbad and Los Alamos communities that enhance and improve New Mexico's roads, water infrastructure and emergency response infrastructure. Philo Shelton, Public Works Director; Eric Martinez, County Engineer; and Bryan Aragon, Senior Engineer have been attending meetings to help develop work plans for the following projects that will be funded as part of the settlement in Los Alamos:

\$12 million to improve DOE-owned transportation routes used to ship transuranic waste to WIPP.

- Intersection of SR 4 and East Jemez Road
- East Jemez Road (east for approximately 4 miles)
- Security check point and Jemez Road
- NM 502 from MP 5.6 to MP 8.6
- NM 502/NM4 Interchange
- East Jemez Road ( guardrail repair/replacement)

\$7.5 million to design and install engineering structures in canyons in and around LANL to slow storm water flow and decrease sediment load to improve water quality allowing surface water management at the watershed scale.

\$2.5 million to fund increased sampling and monitoring capabilities for storm water runoff in and around LANL, with the results of the sampling and monitoring to be shared with the public and NMED.



# County of Los Alamos

## Staff Report

September 01, 2016

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**Agenda No.:**

**Index (Council Goals):**

**Presenters:**

**Legislative File:**               **8509-16**

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**...Title**

Public Works Staff/Project Update - August 2016

**...Attachments**

A - Public Works Update - August 2016

# In the Works....

## Public Works Update – August 2016

### Airport Division

#### Runway Maintenance Project

A grant application has been submitted to the Federal Aviation Administration to fund 90% of the cost to crack fill, seal coat and remark the runway and two aircraft parking areas at the airport. We are hopeful that the grant will be issued in time to complete the project before this winter. Another 5% of the funding is being provided through a grant from the NMDOT – Aviation Division and the final 5% will be the responsibility of the County. The total cost of the project should be \$593,684 of which only \$29,684 will be funded by the County.

#### United Way Dinner

The Los Alamos High School will be holding their Taste the Sky dinner at the airport again this year to raise funds for the United Way Campaign. The dinner is scheduled for September 24th from 4:00 pm to 8:00 pm. More details will be available in the near future.

#### Young Eagles Flights

The Experimental Aircraft Association (EAA) had to reschedule their Young Eagles flights for children ages 8 to 17 due to conflicts with other aviation activities taking place in the state on the scheduled date. The tentative date for the flights is now September 24th, the same day as the Taste the Sky dinner for the United Way Campaign. The flights will take place in the morning from 8:00 am to noon.

### Custodial Division

The Custodial Division supported 160 events during the month of August.

All the exterior windows were cleaned at the Judicial Complex, Betty Ehart Senior Center, Mesa Public Library and the Municipal Building (which also had all the interior windows cleaned). The windows at the Nature Center and White Rock Library are to be scheduled in October.

A better mouse trap called “electronic mice traps” were installed at the Golf Course Club House and Fire Station # 3 in order to help control increased rodent activity.

Work started on the main entrance (west side) to Fuller Lodge with replacement of the concrete and flagstone. This necessitated the closing of this entrance with a planned completion date of October 1. In the meantime visitors will be using the east entrance off the patio.



*Fuller Lodge Main (west) Entrance*

## Engineering & Project Management Division

### Fire Station 3

Architectural design work is nearing completion and includes a more substantial 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 contemplated for late 2016 through early 2017.

### Fuller Lodge Phases 2-4 and Historical Museum

R&M Construction continues to make steady progress on both facilities.

At Fuller Lodge, work on the new elevator is progressing steadily with the completion of walls for the elevator shaft. Work on the 2nd floor restroom renovations is continuing. The new wood floors in the Zia and Throne Room have been constructed and sealed. The contractor has begun work to replace the steps and retaining wall to the basement near the kitchen. Renovations to the west side main entry way begins the week of August 22. This work includes replacement of the stairs, ramp and flagstone area, and extension of the snow melt system to these areas. Signs will be placed to route visitors to the newly renovated east side area.



Museum renovations continue to progress with installation of the new air conditioning and heating system, lighting, communication systems for fire and HVAC controls, flooring, interior painting, along with restroom renovations which are near completion. Additionally, interior display walls construction is ongoing which allow placement of artifacts such as the '109 Palace Gate', the initial reporting location for Manhattan era lab workers. New flagstone is currently being placed at the main entry.





Work has also continued in the area adjacent to the exterior door leading to the hallway and kitchen. This door is currently unusable and caterers or anyone using the kitchen will have to either carry their food from the parking lot around to the east entrance or (with prior permission) can drive up the sidewalk directly to the patio.

### **LAPD Dispatch Lighting Improvements**

Design is complete and we are procuring a contractor. Work is anticipated to begin late September and take about a month to complete. Changes to the system will include removing the existing fluorescent lighting system and installing dimmable LED fixtures to customize lighting levels.

### **Mesa Library HVAC Improvements**

The current system is an evaporative cool system, while a less expensive system to install and operate 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 initial design. The design consultant evaluated several system options which included an initial and life-cycle cost analysis. This evaluation resulted in a system selection to proceed to the design phase.

The work is scheduled to occur in August 2017. Staff is evaluating options to reduce impacts and disruption of services.

### **Knecht Street Improvements**

Knecht Street Improvements including construction of a 10 ft. wide connection to the Canyon Rim Trail are substantially complete. Manufacture, delivery and installation of two street lights and completion of punch list items will wrap up the project.



*Senior Center Interior*



**White Rock Complex & Senior Center Renovations**

Crews with R&M Construction continue to make steady progress on renovations, which include installation of interior structural supports, wall framing, insulation and drywall; plumbing, HVAC ductwork, and electrical rough-ins; and window and door installations; Repairs to the building foundations are complete and courtyard storm sewer installation and grading is ongoing.



*Meal Center/Kitchen Interior*



*Town Hall Interior*



*Court Yard Grading*

### **Youth Activity Center Improvements**

Design of interior improvements is underway for the Youth Activity Center, located in the basement of the Community Building. Work includes improvements to interior flooring, entry ways and cabinetry. Design is scheduled for completion early October with construction beginning in January 2017.



#### **Western Area Improvements Phase 4**

Crews with TLC Plumbing & Utility are making steady progress on improvements.

All work on 40<sup>th</sup> Street is complete with the installation of a new street light by Traffic Division crews at the south end of 40<sup>th</sup> Street and UNM-LA parking lot. Orange Street was also completed on August 18<sup>th</sup> prior to the start of school. Work within the Denver Steel Area (37<sup>th</sup> Street, 38<sup>th</sup> Street, 39<sup>th</sup> Street and Ridgeway Dr.) is ongoing with the installation of 8" water line. Currently crews are installing new water meter cans and connecting services to residents. Concrete work including curb, gutter, sidewalk, and drive pads are being installed throughout the project area with asphalt paving to follow.

As work in the Denver Steel Area nears completion, utility work on Western Area streets will begin which include the 40<sup>th</sup>/41<sup>st</sup> Street loop north of Sandia, and 45<sup>th</sup> Street south of Sandia to 41<sup>st</sup> Street.

Construction is scheduled to be completed October 31<sup>st</sup>, weather permitting.





## Central Avenue Improvements – Phase 2



The project consists of the reconstruction of Central Avenue from 9th Street to 15th Street. Improvements include installation of a new sanitary sewer utility line, road reconstruction and streetscape improvements comprised of wider ADA accessible sidewalks, street and pedestrian lighting, landscaping, irrigation and street furniture.



Crews with Century Club Construction have completed sewer line installation from 15th Street to Shannon Corp building and is fully operational. Crews have installed the outer perimeter of the colored crosswalks at the south side of the Central Avenue/15th Street intersection as well as new ADA ramps, curb and gutter. Conduits for the street & pedestrian lighting are being placed during night time operations.



### Canyon Rim Trail Project



Construction crews have completed installation of the block stone retaining walls along the trail's south side. Crews also completed one concrete bridge abutment with placement of the second to follow to prepare for installation of the 180 ft. long pedestrian bridge in mid-September.

The trail will consist of a 10 foot wide multiuse trail from Fire Station #6 to the Smith's Marketplace. The project is scheduled for completion by late December 2016/early 2017, weather permitting.



## **Facilities Division**

Access control projects have been implemented at the Justice Center, Animal Shelter and Ashley Pond.

Fire panel upgrades and repairs were made at the Animal Shelter, Fire Station 3 and Fuller Lodge.

We are in the process of switching fire/security monitoring systems from My Alarm Center to Relion Security. Seven buildings have been completed including the Community Building, Fuller Lodge, Historical Museum, Golf Course Club House, Golf Course Maintenance Shop, Justice Center and Fire Station 4. Complete changeover of all buildings is planned for August 31st.

## **Fleet Division**

### **Training**

Shop technicians attended a two day training on Traction Stability Control.

### **New Equipment**

Two sod cutters were received which will be utilized by the Parks Department.



## Traffic and Streets Division

### Streets Division

#### Guaje Canyon Mitigation Project Site 1



*Before and after images of the rebar setting and concrete pour.*

#### Guaje Canyon Mitigation Project Site 2



*Placement of gabions along roadway.*

Guaje Canyon Mitigation Project reached substantial completion on Friday, August 19, 2016 and is 99% complete.

**The Los Alamos Landfill Scar Repair Project** is moving along, the drilling is now completed, the test holes are also completed and the additional SWPPP has been completed (per LANL permit). We anticipated a 30 day design time frame for the MSE wall.



*Streets Crews repaired a patch of failing asphalt around a drain at the Eco Station.*



*Before*

*After*

Before and after images of complete repairs at Fire Station 4 to prevent flooding.



*Before*



*After*

Streets crews repaired sidewalk, curb and gutter due to a utility break on 34th Street.



*Before*



*After*

*Images of repairs done due to upgrading gas service at Canyon Drive near the Los Alamos High School.*



*Before and after images at 1312 Sage. There was a utility line break, Streets Crews repaired the drive pad at the entrance.*



*Before*



*After*

Streets Crews cleaned and repaired the County drain located at 925 Estates. With the recent rains, the drain became obstructed and water could not flow through properly.

Streets Crews swept a total of 137 miles this month. They also designed and are fabricating a bridge for Open Space Division.



*This bridge will be completed prefabricated disassembled and reassembled in the field.*

## Traffic Division



*Traffic Crews remove sag from overhead conductors at 277 Andanada. Crews trimmed the trees and moved the wiring.*





*Traffic Crews eradicating and replacing crosswalks throughout the County.*



Traffic Crews installed a new double arm light pole at 40<sup>th</sup> Street and University on August 23<sup>rd</sup>.

## Transit Division

The Transit Division implemented route and schedule adjustments as anticipated on August 8<sup>th</sup>, and has resumed the operation of the after-school Express Routes as delivered last school year. The public response to these schedule and route adjustments has been very positive and the operational functionality is being reviewed for any final adjustments before promotion of the timetable is promoted and included in published schedule documents.



The Bandelier Shuttle service is once again having a successful year carrying passengers between the remote parking lot at the Visitors Center in White Rock and the National Monument. Discussions with National Parks staff about operations in the coming year are anticipated to begin next month.



New fleet vehicles are on order and expected to arrive soon. Delivery of these vehicles will be very beneficial during the process of cycling five transit fleet buses through an engine maintenance program that is expected to be carried out through the remaining months of the calendar year.

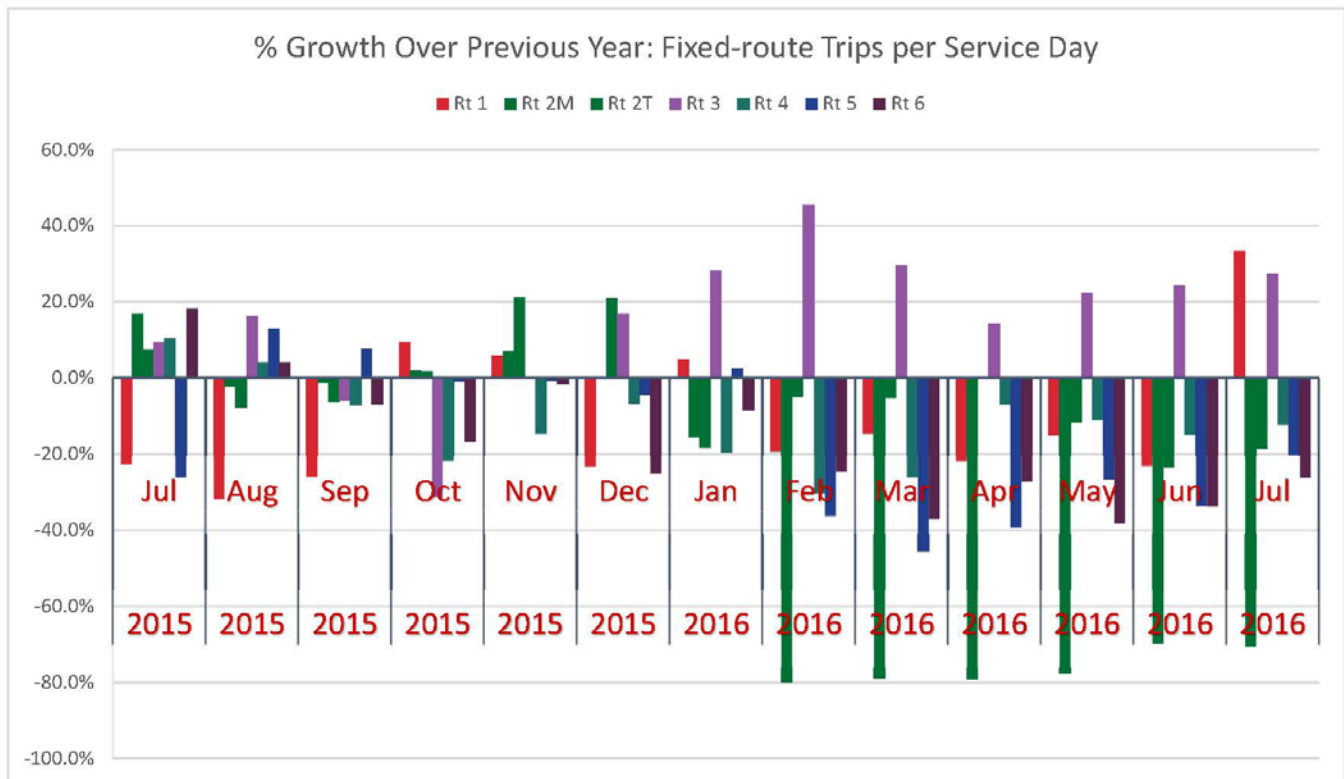


Transit Division is moving forward in the process of filling key vacancies including that of Transit Division Manager and Management Analyst. Interviews for the Transit Manager have been completed and interviews for the Management Analyst will begin soon after the closing date of August 25<sup>th</sup>.

# July 2016 Ridership Report



Route	Current Month Trips			Year-to-date Trips			Average Daily Trips		
	Last Yr	Curr Yr	% Chg	Last Yr	Curr Yr	% Chg	Last Yr	Curr Yr	% Chg
1 Downtown	9118	<b>11051</b>	21.2%	63874	<b>57729</b>	-9.6%	414.5	<b>552.6</b>	33.3%
2M White Rock - Main Hill	6991	<b>1871</b>	-73.2%	40537	<b>12681</b>	-68.7%	317.8	<b>93.6</b>	-70.6%
2T White Rock - Truck Route	3769	<b>2789</b>	-26.0%	21050	<b>18346</b>	-12.8%	171.3	<b>139.5</b>	-18.6%
2 White Rock Total (2M & 2T)	10760	<b>4660</b>	-56.7%	61587	<b>31027</b>	-49.6%	489.09	<b>233.0</b>	-52.4%
3 Central / Canyon	2137	<b>2476</b>	15.9%	10936	<b>13774</b>	26.0%	97.1	<b>123.8</b>	27.4%
4 North Community	3064	<b>2444</b>	-20.2%	21943	<b>18086</b>	-17.6%	139.3	<b>122.2</b>	-12.3%
5 Barranca Mesa	3308	<b>2395</b>	-27.6%	20585	<b>14509</b>	-29.5%	150.4	<b>119.8</b>	-20.4%
6 North Mesa	7271	<b>4876</b>	-32.9%	54191	<b>38870</b>	-28.3%	330.5	<b>243.8</b>	-26.2%
<i>Fixed-route total</i>	35658	<b>27902</b>	-21.8%	233116	<b>173995</b>	-25.4%	1620.8	<b>1395.1</b>	-13.9%
7 North Mesa Expr	0	<b>0</b>	0.0%	6268	<b>5823</b>	-7.1%	0.0	<b>0.0</b>	0.0%
8 North Community Expr	0	<b>0</b>	0.0%	3621	<b>2947</b>	-18.6%	0.0	<b>0.0</b>	0.0%
9 Aspen Expr	0	<b>0</b>	0.0%	3175	<b>2695</b>	-15.1%	0.0	<b>0.0</b>	0.0%
10 Barranca Expr	0	<b>0</b>	0.0%	3401	<b>3752</b>	10.3%	0.0	<b>0.0</b>	0.0%
11 White Rock Expr	0	<b>0</b>	0.0%	3055	<b>3595</b>	17.7%	0.0	<b>0.0</b>	0.0%
<i>Express route total</i>	0	<b>0</b>	0.0%	19520	<b>18812</b>	-3.6%	0.0	<b>0.0</b>	0.0%
12 Bandelier	25212	<b>24200</b>	-4.0%	54252	<b>60875</b>	12.2%	840.4	<b>780.6</b>	-7.1%
Dial-a-Ride (Evening Service)		<b>138</b>			<b>556</b>			<b>6.9</b>	
ACT Assist (Previously DAR)	777	<b>466</b>	-40.0%	5010	<b>3549</b>	-29.2%	35.3	<b>23.3</b>	-34.0%
Special Services	3004	<b>3045</b>	1.4%	3571	<b>3438</b>	-3.7%	3004.0	<b>3045.0</b>	1.4%
<i>System total</i>	64651	<b>55751</b>	-13.8%	315469	<b>261225</b>	-17.2%	5500.5	<b>5250.9</b>	-4.5%



# Kudos

**From:** Barela, James

**Sent:** Monday, August 01, 2016 9:47 AM

**To:** Bulthuis, Jon <[jon.bulthuis@lacnm.us](mailto:jon.bulthuis@lacnm.us)>

**Cc:** Shelton, Philo <[philo.shelton@lacnm.us](mailto:philo.shelton@lacnm.us)>; Flowers, Charles <[charles.flowers@lacnm.us](mailto:charles.flowers@lacnm.us)>

**Subject:** Cyclists Comments!

Good feedback on the Bandelier Route. Driver was Deborah Flores.

James



**Cyndi Wells** ▶ KEEP IT LOCAL- Los Alamos

7 hrs · Los Alamos, NM · 🌐

Just wanted to say a huge thank you to a driver of a Bandelier bus of Atomic City Transit today. I was riding my bike up the climbing section of road in Ancho Canyon towards White Rock and a shoulder doesn't exist there. The bus driver, instead of trying to squeeze by me (in a limited oncoming traffic sight area), held off and patiently drove behind me until he or she could safely pass me with plenty of room. This happened about 9:50 am with a smaller bus. Thank you! I encountered lots of courteous drivers today. I always appreciate coming home in one piece. 😊



**Mary Lutes**

I think that was the same driver that held off passing us too. We were just ahead of you. So glad the drivers are being considerate to cyclists.

Like · Hide · 12 minutes ago

Sam - Appreciate that you provide us such  
Awesome support! You always there  
& willing to help! Gloria

A Big Thanks for  
all your  
help - Ashana

Sam -

**Our sincere  
thanks and appreciation  
for your part in the  
success of the Primary Election.**

You and Brenda are a  
great amazing team - thank  
you for always be there to help.  
Shirley

Thanks for all you do!  
Naomi