



# County of Los Alamos

1000 Central Avenue  
Los Alamos, NM 87544

## Agenda - Final Transportation Board

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Thursday, December 6, 2018

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**

[11444-18](#) Approval of the November 1, 2018 Transportation Board Minutes

**Presenters:** Sriram Swaminarayan, Chair of the Transportation Board

**Attachments:** [A - DRAFT - November 1, 2018 - Meeting Minutes](#)

6. **OLD BUSINESS**

[11451-18](#) Speed Limit Sign at Urban Update

**Presenters:** Daniel Erickson, Traffic & Streets Division Manager

7. **NEW BUSINESS - Possible Action**

[11445-18](#) Introduction of District 5 Traffic Engineer

**Presenters:** Eric Martinez, County Engineer

[11454-18](#) Pavement Management and Condition Survey

**Presenters:** Eric Martinez, County Engineer

**Attachments:**    [A - Pavement Management and Condition Survey](#)  
                                  [B - Pavement Preservation Policy](#)

[11449-18](#)      Tsikumu Village Road Improvement Options

**Presenters:**      Eric Martinez, County Engineer

**Attachments:**    [A - Tsikumu Village Improvements](#)

[11440-18](#)      Approval of the 2019 Transportation Board Meeting Schedule

**Presenters:**      Sriram Swaminarayan

**Attachments:**    [A - 2019 Transportation Board Meeting Schedule](#)

[11441-18](#)      2020 Transportation Board Draft Work Plan

**Presenters:**      Philo Shelton, Public Works Director

**Attachments:**    [A - Approved - FY19 T-Board Work Plan](#)  
                                  [B - DRAFT FY20 T-Board Work Plan](#)

## 8.      **PROJECT UPDATES**

[11446-18](#)      Public Works Staff/Project Update – November 2018

**Presenters:**      Philo Shelton, Public Works Director

**Attachments:**    [A - Public Works Update for November 2018](#)

## 9.      **CHAIRPERSON'S REPORT**

## 10.     **FUTURE AGENDA ITEMS**

- \* *Trinity Drive/35th Street Intersection Improvements*
- \* *Public Works Design & Construction Standards Update*
- \* *DP Road*
- \* *Flow Trail Update*
- \* *LANL Trail Map*

## 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.

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# County of Los Alamos

## Staff Report

December 06, 2018

Los Alamos, NM 87544  
www.losalamosnm.us

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**Agenda No.:**

**Index (Council Goals):**

**Presenters:**

**Legislative File:** 11444-18

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**...Title**

Approval of the November 1, 2018 Transportation Board Minutes

**...Recommended Action**

**I move that the Transportation Board approve the November 1, 2018 minutes as presented.**

**OR**

**I move that the Transportation Board approve the November 1, 2018 minutes as amended.**

**...Attachments**

A - DRAFT November 1, 2018 Meeting Minutes



# County of Los Alamos

## Minutes

### Transportation Board

1000 Central Avenue  
Los Alamos, NM 87544

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Thursday, November 1, 2018

5:30 PM

1000 Central Avenue, Room 110

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

The November 1, 2018 Transportation Board Meeting was called to order at 5:30 p.m.

Present:

Sriram Swaminarayan, Chair  
Don Machen, Vice-Chair

Members:

David Schiferl  
Julie Bennett  
Kyle Wheeler

Absent:

Terrence Foecke  
Nancy Barnes

Staff in attendance:

Philo Shelton, Public Works Director  
Jon Bulthuis, Deputy Public Works Director  
Eric Martinez, County Engineer  
Dan Erickson, Traffic & Street Division Manager  
Juan Rael, Engineering Project Manager  
Sarah Anderson, Engineering Project Manager  
Louise Romero, Office Manager

Members of the public in attendance:

Sharyl Hofer - 1756 Camino Redondo.  
Heather Ward - 2380 Canyon Glen.

#### 2. APPROVAL OF AGENDA

A motion was made by Vice Chair Machen, seconded by Member Wheeler that the November 1, 2018 agenda be approved as presented; motion passed unanimously.

**3. PUBLIC COMMENT**

Sharyl Hofer - 1756 Camino Redondo spoke regarding the pavement condition in her area.

**4. LIAISONS' REPORTS**

Member Schiferl attended the last Tourism Implementation Task Force meeting. Several subcommittees will be formed to include infrastructure, marketing and events/attraction. Both Members Wheeler and Schiferl will participate in future meetings.

**5. APPROVAL OF MINUTES**

[11359-18](#) A motion was made by Member Wheeler, seconded by Vice Chair Machen that the October 4, 2018 meeting minutes be approved as amended; motion passed unanimously.

**6. OLD BUSINESS - Possible Action**

[11363-18](#) NM502 Project - Update and Introductions

Eric Martinez, County Engineer introduced two new employees; Sarah Anderson and Juan Rael are Engineering Project Managers in the Engineering & Project Management Division of Public Works. Juan Rael provided an update regarding the NM502 Project. Star Paving was awarded the project, work will be suspended for the winter months with a start date of March 4, 2019. Monthly updates will be provided to the Transportation Board as construction progresses.

[11362-18](#) Diamond Drive Crossing - Update

Dan Erickson, Traffic and Streets Division Manager provided an update on the Golf Course Crossing on Diamond Drive.

On September 6th, a presentation was brought before the Transportation Board regarding a study and possible solutions to improve the pedestrian crossing on Diamond Drive near the west end of the golf course. At this time many alternatives were presented, however, staff recommended the installation of a Rectangular Rapid Flashing Beacon (RFFB).

This same presentation was brought before the Golf Course Advisory Subcommittee (GCAS) on September 19th as well as the Parks and Recreation Board on October 11th. While no official recommendations were made, the committee and board members unanimously agreed that

the installation of an RFFB at this crossing would be a prudent decision.

A motion was made by Member Wheeler, seconded by Member Schiferl that the Golf Course Crossing on Diamond Drive Project be presented to Council for consideration and potential funding; motion passed unanimously.

**11360-18**

**LANL FY19 SEP East Jemez Road - NM 4 Intersection - Update**

Philo Shelton, Public Works Director provided an update regarding Option 5 for the NM4 Intersection. A copy of the Traffic Study and Concept Design Report was included in the agenda packet.

**7. NEW BUSINESS**

No new business items.

**8. PROJECT UPDATES**

**11361-18**

**Public Works Staff/Project Update - October 2018**

Philo Shelton, Public Works Director, presented updates regarding Public Works projects for October 2018.

**9. CHAIRPERSON'S REPORT**

Chair Swaminarayan did not have a report.

**10. FUTURE AGENDA ITEMS**

- Tsikumu Village Road Improvement Options
- Trinity Drive/35th Street Intersection Improvements
- Public Works Design & Construction Standards Update
- LANL Trail Map
- Wildlife Issues
- District 5 Traffic Engineer
- NMDOT 502 Update
- Flow Trail Update
- Pavement Condition Index Update
- Speed Limit Sign at Urban Update
- DP Road

**11. ADJOURNMENT**

A motion was made by Member Wheeler seconded by Member Machen that the November 1, 2018 meeting be adjourned at 6:25 p.m.; motion passed unanimously.

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DRAFT



# County of Los Alamos

## Staff Report

December 06, 2018

Los Alamos, NM 87544  
www.losalamosnm.us

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**Agenda No.:**

**Index (Council Goals):**

**Presenters:**

**Legislative File:** 11451-18

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**...Title**

Speed Limit Sign at Urban Update



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December 06, 2018

Los Alamos, NM 87544  
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**Agenda No.:**

**Index (Council Goals):**

**Presenters:**

**Legislative File:** 11445-18

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**...Title**

Introduction of District 5 Traffic Engineer

**...Body**

Mr. Matthew Grush, District 5 Traffic Engineer will briefly discuss traffic studies within Los Alamos County.



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December 06, 2018

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**Agenda No.:**

**Index (Council Goals):**

**Presenters:**

**Legislative File:** 11454-18

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**...Title**

Pavement Management and Condition Survey

**...Body**

Presentation on the County's Pavement Management.

**...Attachments**

A - Presentation

B - Pavement Preservation Policy

# Pavement Management & Condition Survey

Incorporated County of Los Alamos  
Public Works Department

Philo S. Shelton III, Department Director  
Eric Martinez, County Engineer

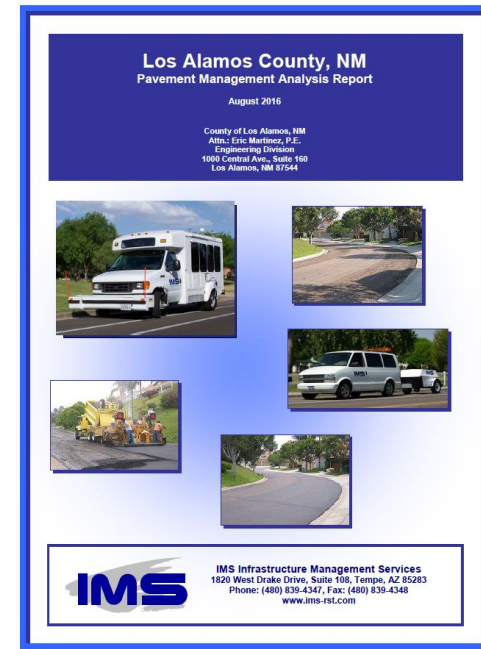
December 6, 2018

# Pavement Preservation Policy

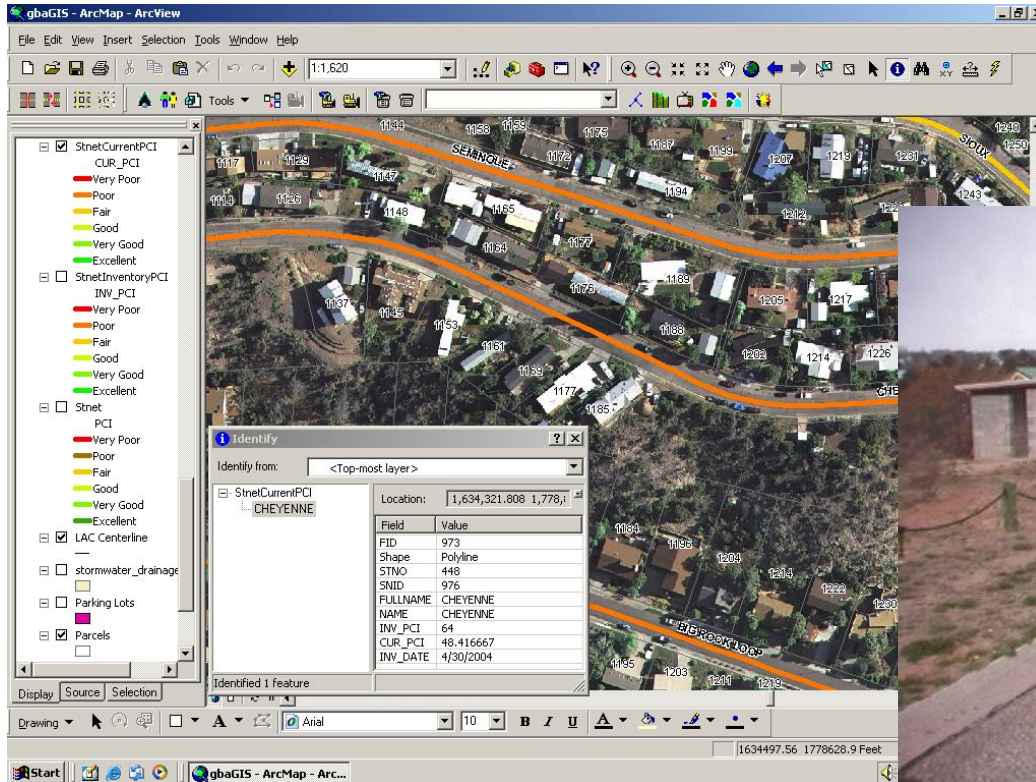
- Council Endorsed – March 30, 2007
- Objective: To proactively maintain and preserve acceptable pavement conditions for County roadways
- Plan and allocate funds for:
  - Pavement Preservation & Preventative Maintenance
    - Surface Treatments, i.e. crack, fog & slurry seals, thin overlays
    - Pavement Rehabilitation, i.e. mill & overlays
  - Roadway Reconstruction
- If funding levels do not allow for all methods, preservation treatments will have higher priority
- Maintain a pavement Asset Management System (software) and conduct field assessment every 5 years

# Pavement Condition Analysis

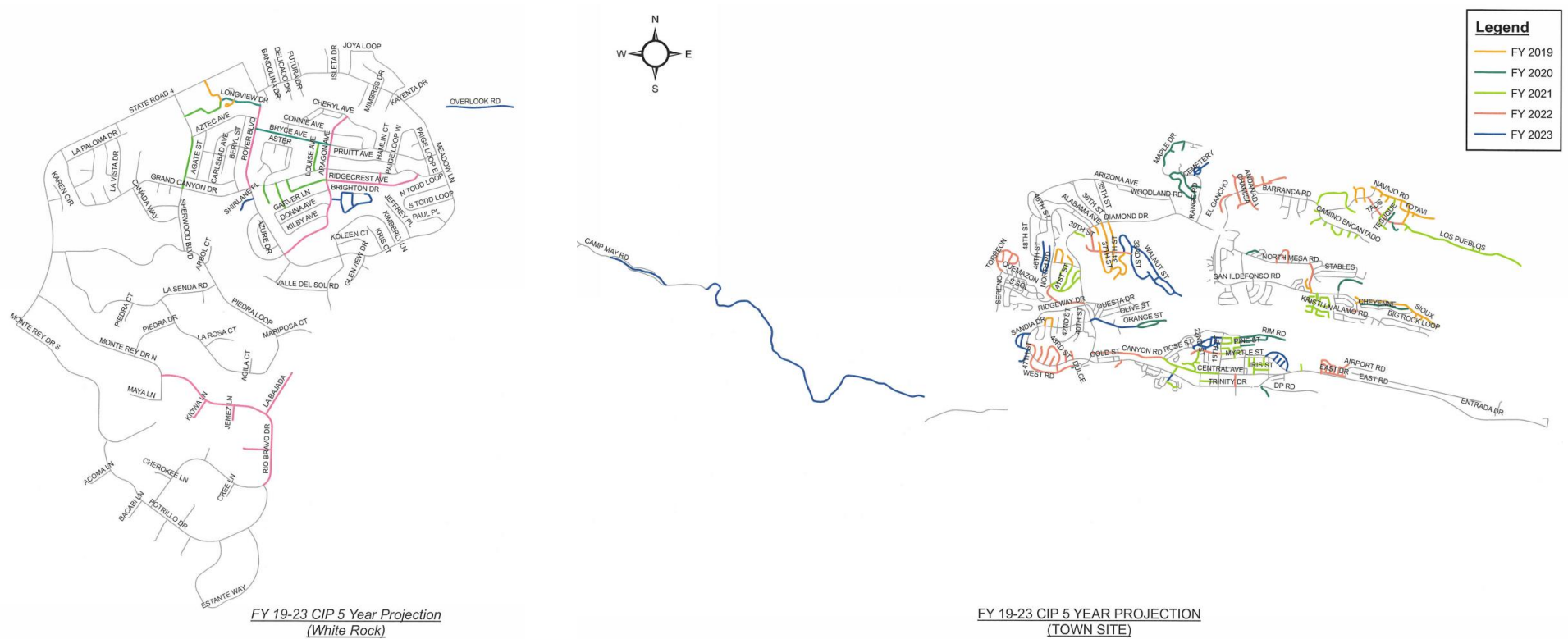
- Pavement Condition Survey
  - Performed every 5 years
  - 2006, 2011, 2016
- Pavement Condition Index (PCI)
  - PCI is assigned
  - Scale of 1 (worst) to 100 (best)
- Pavement Management Software
  - Provides the ability to trend pavement indices between field survey intervals on a year by year basis while also considering system improvements including annual maintenance and reconstruction projects



# Pavement Condition Analysis

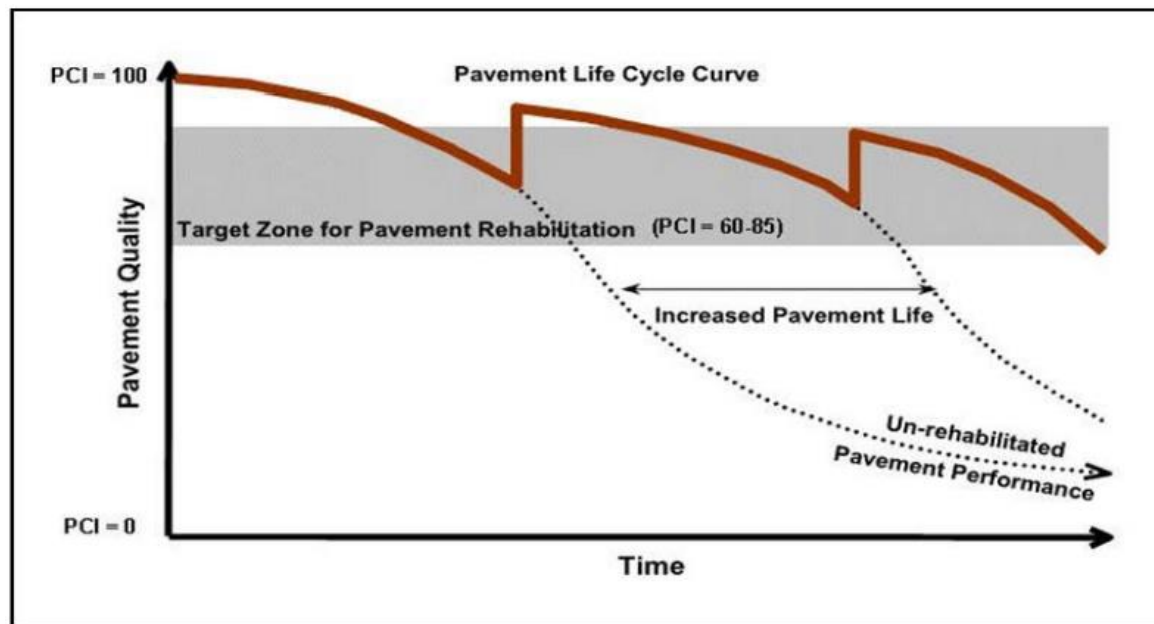


# Pavement Condition Analysis



# Pavement Life Cycle

A successful pavement management program provides a balance of addressing the backlog of poor facilities while also maintaining or preserving those in acceptable condition thereby extending pavement life and quality and thus delaying increased costs of more extensive rehabilitation or full replacement in the near future.



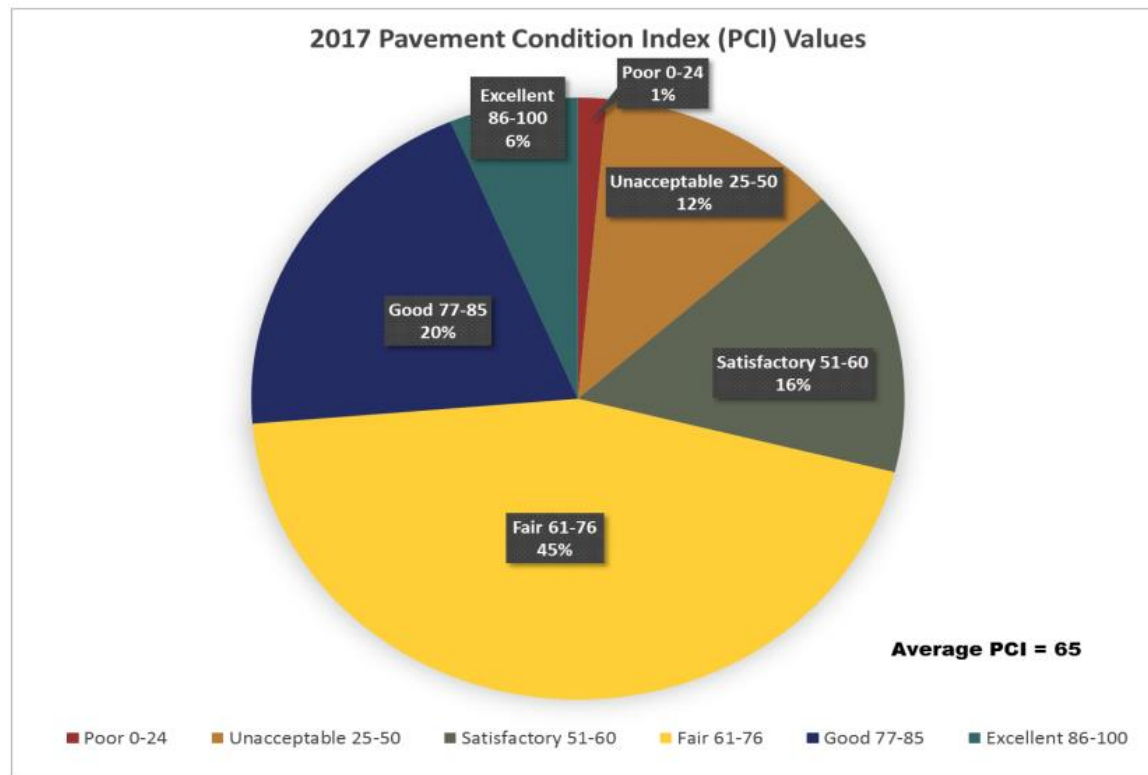
# Pavement Life Cycle

- New Pavement Design Life
  - 20 Years (New Construction & Reconstruction)
- Estimated Increase in Pavement Life
  - 10 Years, Mod-Thick Mill & Overlays (> 2-3 inches)
  - 7-8 Years, Thin Mill & Overlays (< 1.5-2 inches)
  - 5-6 Years, Slurry & Chip Seals, Micro-surfacing
  - 2-4 Years, Crack Seal
  - 1-2 Years, Fog Seal

# Pavement Condition Target

- Los Alamos County's performance target PCI is 70
- Average PCI for 2017 was 65
- FY2019 Budget
  - Traffic & Streets Division
    - Road Maintenance & Pavement Preservation: \$900K\*  
\*Includes pothole patching, fog, crack and slurry seals as well as concrete curb, gutter, sidewalk and curb ramp repairs.
  - Engineering Division
    - Road Rehabilitation & Reconstruction: \$1.95M

# Pavement Condition Statistics



# Pavement Condition Investments

## Traffic and Streets Division



**2018**

Micro-seal Monte Rey South in Pajarito Acres  
(Before & After); Crack Sealing (right)



**2017**

North Mesa Rd & S. San Ildefonso Road  
Overlay (Before & After)

# Pavement Condition Investments

## Engineering Division

2017

North Mesa Phase 1 – Cumbres del Sol



2018

North Mesa Phase 2 – Cumbres del Sol



# Pavement Condition Investments

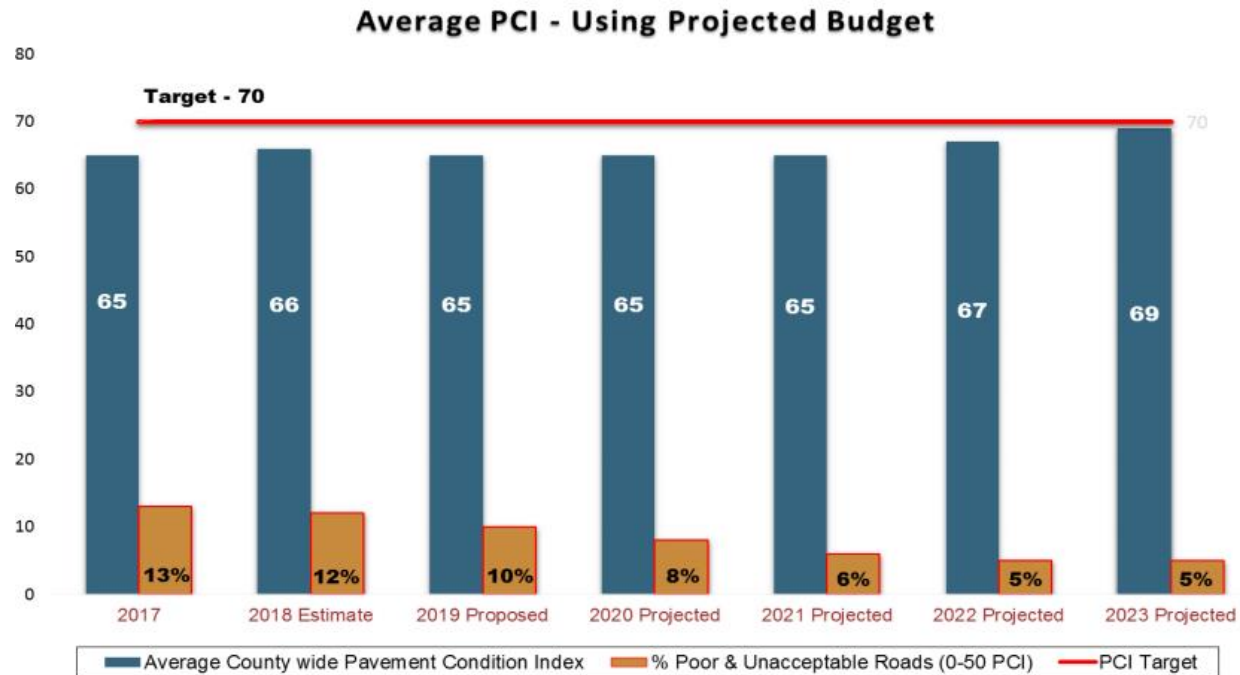
## Projected Investments - 5 Year Transportation CIP\*

Transportation CIP - FY 2019-2023			
Street Priorities Based on Average Pavement Condition Index (PCI)			
Description		Avg. PCI	Budget Amount
FY 2019			
Tsikumu Village	Cheyenne	40	\$ 1,950,000
	Sioux		
	Yuma		
	Ute		
	Seminole		
FY 2019 Adopted Budget			\$ 1,950,000
FY 2020			
Barranca Mesa	La Cueva	43	\$ 1,950,000
	Cascabel		
	Puye		
	Totavi		
	Coyote		
	Navajo		
	El Nido		
	Osito		
	Tesuque Laguna		
Canyon Rim Trail Phase 3	Knecht to 15th & 20th Street	NA	\$ 615,000
FY 2020 Projected Budget			\$ 2,565,000
FY 2020 Economic Development Infrastructure			
Deacon Street	20th to 15th	42	\$ 2,000,000
DP Road	Trinity to A-16-a	50	\$ 1,500,000
FY 2021			
Various Roads	Thin-Moderate Overlays	55-75	\$ 3,487,000
Various Roads	Deep Patch & Thick Overlays	0-55	
Sherwood Boulevard (Deferred from FY 20)	Full Recon. & Drainage - Grand Canyon to Aztec		
Urban Multiuse Trail Phase 1	20th/Trinity to Canyon Road	NA	\$ 500,000
Pavement Condition Survey	5-Year Update - County Wide	NA	\$ 200,000
FY 2021 Projected Budget			\$ 4,187,000
FY 2022			
Various Roads	Thin-Moderate Overlays	55-75	\$ 3,813,000
Various Roads	Deep Patch & Thick Overlays	0-55	
Canyon Road (Deferred from FY 21)	Partial-Full Reconstruction - Central to Diamond		
Urban Multiuse Trail Phase 2	Canyon Road (Tennis Courts to Aquatic Center)	NA	\$ 500,000
FY 2022 Projected Budget			\$ 4,313,000
FY 2023			
Various Roads	Thin-Moderate Overlays	55-75	\$ 4,443,000
Various Roads	Deep Patch & Thick Overlays	0-55	
Aspen School Area Phase 1 (Joint Utility Project)	Full Reconstruction		
FY 2023 Projected Budget			\$ 4,443,000

\*Coordinated with DPU's Capital Plan for utility upgrades.

# Pavement Condition Projections

Measured performance over time shows the average PCI is maintained for several years then gradually increases assuming road budgets revenues increase



# Conclusions

- With flat budgeting anticipated over the next several years, average projected PCI remains at 65
- With additional investment of 3% per year for pavement preservation work, our target PCI of 70 is achievable

# Questions?





**LOS ALAMOS**

where discoveries are made

## **Pavement Preservation Policy**

The primary objective of this policy is to protect the taxpayer's investment by proactively maintaining and preserving acceptable pavement conditions for roadways owned by the County.

The County shall plan and allocate funds to:

- Minimize the rate of pavement deterioration for roadways classified with a Pavement Condition Index (PCI) of 95 to 84 (very good – good) using pavement preservation treatments such as fog and crack seals. These streets are typically those that have been rehabilitated or reconstructed within the last three or four years.
- Maintain the pavement intended life cycle by planning for and implementing the most effective proactive maintenance treatments for roadways classified with a PCI of 83 to 72 (good – fair) using pavement maintenance treatments such as thicker seal coats and thin overlays / inlays.
- Based on funding levels and pavement conditions, reconstruct the road structure including concrete when the road has reached a condition that preventive maintenance would not be cost effective.
- If funding levels will not allow for the pavement preservation treatments and all of the reconstruction, the pavement preservation treatments will have a higher priority than reconstruction.
- Maintain the integrity of the existing Asset Management System tool. This software stores the data needed to establish and track pavement condition. Staff updates the data as maintenance or reconstruction projects occur; however, new field condition assessments should be conducted every five years to maintain the integrity of the data.



# County of Los Alamos

## Staff Report

December 06, 2018

Los Alamos, NM 87544  
www.losalamosnm.us

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**Agenda No.:**

**Index (Council Goals):**

**Presenters:**

**Legislative File:** 11449-18

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**...Title**

Tsikumu Village Road Improvement Options

**...Attachments**

A - Presentation

# TSIKUMU VILLAGE IMPROVEMENTS

## Project Evaluation

Incorporated County of Los Alamos  
Public Works Department

Philo S. Shelton III, Department Director  
Eric Martinez, County Engineer  
Juan Rael, Engineering Project Manager

December 6, 2018

# Supports Council Goals



Maintain and Improve Transportation and Mobility



Maintain and Improve Existing Quality Essential Services and Supporting Infrastructure

# Tsikumu Village Project Goals

- Improve Pavement Condition
- Continue to reduce County's *Poor* and *Unacceptable* PCI classifications
- Improve overall County pavement condition score
- Adhering to the *2007 LAC Pavement Preservation Policy* by shifting to preservation treatments based on funding levels



# Tsikumu Village PCI

<u>Street</u>	<u>Length ft.</u>	<u>PCI</u>
Sioux	4,024	55.1
Cheyenne	2,998	49.9
Seminole	2,233	36.4
Iroquois	357	46.0
Yuma	210	48.0
Ute St.	120	63.0

Total length= 9,942 ft. or 1.9 mi.

PCI of Tsikumu Village 49.0

# Cumbres del Norte PCI

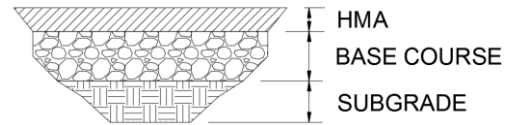
<u>Street</u>		<u>Length ft.</u>	<u>PCI</u>
Camino Redondo	2,804	50.1	
Camino Medio		716	
	47.0		
Camino Patio		173	
	48.0		

Total length= 3693 ft. or 0.7 mi.

PCI of Cumbres del Norte= 49.4

# 3 Project Options Evaluated

1. Full Reconstruction
2. Complete Asphalt Replacement
3. Pavement Rehabilitation



ROAD TYPICAL SECTION

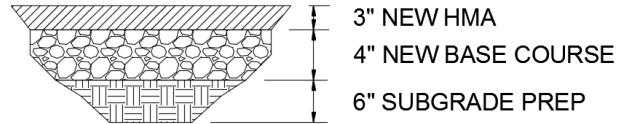
FY 2019 C.I.P. Budget for Tsikumu Village is \$1,950,00

# Project Options Evaluated

## Option 1 –

### Full Reconstruction

- Entire pavement section removal and replacement, new base course, subgrade prep, new 5ft. sidewalks, curb ramps, curb & gutter, and drivepads



### FULL DEPTH RECONSTRUCTION

SN=2.87

Estimated Cost - \$4,818,679

### Pro's

- Renewal of all infrastructure to current standards

### Con's

- Exceeds budget
- Long construction duration (several months)

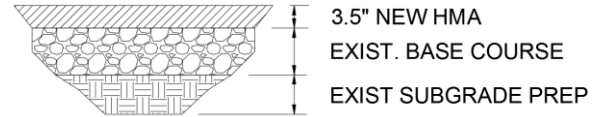
# Project Options Evaluated

## Option 2 –

### Complete Asphalt Replacement

- Entire pavement section removal & replacement, re-compact existing base course, new curb ramps, repair sidewalks, curb & gutter, and drivepads that are in the worst shape (approx. 5%)

Estimated Cost - \$3,252,477



### COMPLETE ASPHALT REPLACEMENT

SN=1.78

### Pro's

- Completes some improvements as needed
- Similar to the recently completed North Mesa Projects

### Con's

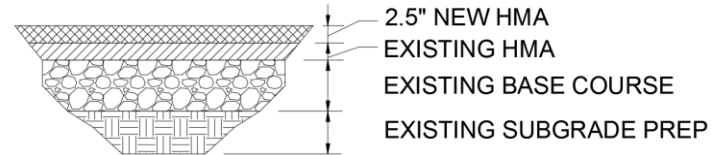
- Exceeds budget
- Long construction duration (several months).

# Project Options Evaluated

## Option 3 –

### Pavement Rehabilitation

- Remove (mill) 2" of existing pavement and replace with 2.5" of new asphalt, new curb ramps at crossings, some concrete replacement (approx. 5%)



### PAVEMENT REHABILITATION

SN=1.98

Estimated Cost - \$2,289,527

#### Pro's

- Shorter construction duration (weeks not months)
- Pavement structural design is better than full asphalt replacement for less cost

#### Con's

- Slightly exceeds budget

# Proposed Schedule

- Advertise for Bids – February 2019
- Award Construction Contract – March 2019
- Start of Construction – April 2019
- Project Completion – June 2019
  - \*Prior to monsoon season

# Comments / Contacts:

Comment Cards: Leave with attending staff or mail to:  
Public Works Department  
1000 Central Avenue, Suite 160  
Los Alamos, NM 87544

by December 13, 2018

Phone: (505) 662-8150

Email comments to: [lacpw@lacnm.us](mailto:lacpw@lacnm.us)

# Questions?



# Thank you!

The Public Works Department staff thanks you for taking time out of your busy schedule to participate in the design and construction of this important public project!



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**Agenda No.:**

**Index (Council Goals):**

**Presenters:**

**Legislative File:** 11440-18

---

**...Title**

Approval of the 2019 Transportation Board Meeting Schedule

**...Recommended Action**

**I move that the Transportation Board approve the 2019 Meeting Schedule as presented.**

**...Attachments**

A - 2019 Transportation Board Meeting Schedule



LOS ALAMOS

## **Los Alamos County Transportation Board**

### **2019 Meeting Schedule**

Unless otherwise noted, the Transportation Board meets the first Thursday of the month at 5:30 p.m. in the Municipal Building, 1000 Central Avenue, Room #110.

The Los Alamos County Transportation Board 2019 meeting schedule is as follows:

- January 3, 2019
- February 7, 2019
- March 7, 2019
- April 4, 2019
- May 2, 2019
- June 6, 2019
- July 11, 2019
- August 1, 2019
- September 5, 2019
- October 3, 2019
- November 7, 2019
- December 5, 2019

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**Agenda No.:**

**Index (Council Goals):**

**Presenters:**

**Legislative File:** 11441-18

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**...Title**

2020 Transportation Board Draft Work Plan

**...Body**

Develop 2020 Work Plan

**...Attachments**

A - 2019 Approved Work Plan

B - 2020 DRAFT Work Plan



**LOS ALAMOS**

where discoveries are made

## **FY19 Work Plan for Los Alamos County Boards and Commissions**

**(Fiscal Year 2019: July 1, 2018 – June 30, 2019)**

**Board and Commission Name:** Transportation Board

**Date prepared:** January 4, 2017      **Date approved by Council:** 5/1/18

**Prepared by:** Members of the Transportation Board and County Staff

**This work plan will be accomplished in the following time frame:** July 1, 2018 to June 30, 2019.

**Chairperson:** Sriram Swaminarayan

**Members and terms:**

- Don Machen; term expires February 28, 2019
- Nancy Barnes; term expires February 28, 2019
- David Schiferl; term expires February 29, 2019
- Kyle Wheeler; term expires February 28, 2019
- Terence Foecke; term expires February 28, 2020
- Julie Bennett; term expires February 28, 2020
- Sriram Swaminarayan; term expires February 28, 2020

**Department Director:** Philo Shelton

**Work plan developed in collaboration with Department Director?** Yes

**Staff Liaison:** Philo Shelton

**Administrative Support provided by:** Louise Romero

**Council Liaison:** Susan O’Leary      **Reviewed by Council Liaison?** Yes

**1.0 Provide a brief Summary of your Board or Commission’s activities over the past twelve months. Please describe your Board or Commission’s accomplishments and identify constraints. List any “lessons learned” and identify the greatest challenges faced by the Board or Commission.**

1. Received public comment, reviewed, or monitored progress of the following issues/projects:
  - a. Reviewed and approved 2017 Bicycle Transportation Plan
  - b. Received Bronze Level Bike Friendly Community, American League of Bicyclists
  - c. Installed Transit’s Automatic Vehicle Location System
  - d. Reviewed Americans with Disabilities Act (ADA) Transition Plan
  - e. Reviewed designs for NM502 Project with NMDOT
  - f. Developed Urban Bike Path
  - g. Monitored 20<sup>th</sup> Street Extension Project
  - h. Monitored North Mesa Improvements Project Phase 1
  - i. Reviewed Pavement Condition Index Plan
  - j. Researched Complete Street concepts in similar communities nation-wide.
  - k. Reviewed Title VI Plan
  - l. Reviewed North Road Traffic Calming
  - m. Reviewed Urban Street Traffic Calming
  - n. Reviewed Paratransit Policies and Procedures
  - o. Reviewed Transit Customer Service Policy and Disruptive Passenger Conduct Policy
  - p. Developed Complete Streets Design Check List
  - q. Approved Route 2 Service Expansion
  - r. Monitored Supplemental Environmental Projects
2. Approved 2017-2018 Snow & Ice Control Plan
3. Greatest challenges: Recruitment of new board members continues to be greatest challenge for the board.

**2.0 Describe the future work plans for this Board or Commission using the following items and showing the relationship to those items: *(Please remember that Council approval of this work plan does not constitute official Council approval of proposed projects, assignments, or anticipated recommendations included in this work plan that have budget implications.)***

**2.1 List any special projects or assignments given to this Board or Commission by Council or the Department director:**

1. Review and monitor major construction and renovation plans for transportation facilities such as roads, streets, multi-use pathways, sidewalks and trails, airport, and public transit. Host public meetings as requested, and forward any submitted public comment throughout project completion to staff. Identifies ongoing and upcoming projects:
  - a. A-19 Development
  - b. NM 502 Improvements construction
  - c. Traffic signalization at 20<sup>th</sup> Street
  - d. Trinity Drive Safety & ADA Improvements
  - e. A-9 Affordable Housing on DP Road
  - f. Pavement Rehabilitation
  - g. Airport Fence Replacement

- h. Airport Hangar Construction
  - i. Bus Stop Improvement Plan
  - j. DP Road Improvements
  - k. ADA Plan Updates
  - l. Complete Street Policy Review
  - m. Department of Energy – Supplemental Environmental Projects
  - n. Wayfinding for MainStreet District
  - o. Canyon Rim Trail Phase III
  - p. Canyon Rim Trail Underpass
  - q. North Mesa Phase II
  - r. Residential LED Street Light Replacement Plan
- 2. Review Snow and Ice Control Plan annually and make recommendations before October 15.
  - 3. Review projects to ensure adherence to current standards and policies to ensure/improve the safety and efficiency of all modes of transportation including:
    - a. The 2017 Bicycle Transportation System Plan
    - b. The Policy of the Design of Public Streets and Rights-of-way, (Res. No. 10-32; Nov 2010).
    - c. Complete Streets Checklist
  - 4. Host or attend public meetings as requested by Council or staff.

<b>2.2 List the guiding documents/plans (with approval or revision dates listed) used by this Board or Commission.</b>
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- e. ADA Transition Plan 2017
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<b>3.0 Identify any interfaces for the goals/tasks in this work plan with County Departments and other Boards and Commissions. Specify the coordination required.</b>
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- a. Continue working with Environmental Sustainability Board regarding the transportation component in the Environmental Sustainability Plan.
- b. Maintain awareness and responsiveness to airport issues, including transportation to and from the airport.

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- d. Utilize Legistar to track Transportation Board motions and action items from initiation to completion.
- e. Facilitate implementation of road and parking lot design standards that minimize untreated storm water run-off.
- f. American League of Bicyclists Silver Level
- g. Tourism Strategic Planning Effort (assign a Liaison with the Tourism Implementation Task Force as needed or requested.)

<b>4.0 List any special public information or involvement meetings or efforts to be conducted by this Board or Commission:</b>
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1. In collaboration with the Transit Division attend transportation related activities which shuttle service is provided to the community. The Transit Division provides shuttle service for the following activities:

- 4<sup>th</sup> of July Fireworks Show
- Nature Center /Earth Day
- Halloween Shuttle
- St. Patrick's Day Shuttle
- New Year's Eve Shuttle
- Senior Appreciation Night
- Skiesta Shuttle
- Ullr Fest
- ScienceFest
- Opera on the Rocks
- Summer Concert Series

2. In collaboration with the Airport Division attend transportation related activities provided to the community. The Airport Division participates in the following activities:

- Young Eagles
- Public Airport Day
- Taste of the Sky

3. In collaboration with the Traffic & Streets Division attend transportation related activities provided to the community. The Traffic & Streets Division participates in the following activities:

- Touch a Truck Day – in May in conjunction with Public Works Week

4. In collaboration with the Engineering Division attend transportation related activities provided to the community. The Engineering Division participates in the following activities:

- Bike to Work Day

**5.0 List the current subcommittees for this Board or Commission.**

1. At this time - there are no subcommittees.

**5.1 For subcommittees with members that are not members of the parent board or commission:  
List the subcommittee members and their terms.  
Explain how sub- committee members are selected or appointed.  
Provide a description of each subcommittee’s charter or purpose.  
Describe the expected duration for the subcommittee and their work plan(s) demonstrating how they support the Board or Commission:**

**Attachment A: Provide a copy of your Board or Commission’s “Purpose” and “Duties and Responsibilities” from Chapter 8 of the County Code:**

ARTICLE XI. Transportation Board

Sec. 2-281. Purpose.

A transportation board is established to advise the county council and make recommendations regarding improvements in traffic conditions and all modes of transportation within the county. (Ord. No. 02-278, § 2. 10-3-2006)

Sec. 8-282. Duties and responsibilities.

The transportation board shall serve in an advisory capacity to the county council and shall have the following functions, responsibilities and duties:

1. Review and comment to council on transportation master plans for all modes of transportation;
2. For the purpose of collecting public input, review all major county construction and renovation plans for county transportation facilities (such as, but not limited to, roads, streets, bicycle paths, the airport, sidewalks, transit, and trails) with the purpose of ensuring that all modes of transportation (e.g., pedestrian, bicycle transit, low speed vehicles, and aviation, if appropriate) are adequately treated in such projects;
3. Review and provide input to council, not later than October 15, on any recommended changes to the snow and ice control plan;
4. Review all traffic and transportation matters submitted to the board by the council; and Advise council on ways and means for improving transportation and traffic conditions. For this purpose, when requested by staff or council, the board shall gather public input in ways appropriate to the circumstances, which may include public hearings dedicated to specific topics. (Ord. No. 02-278, § 2. 10-3-2006)

**Attachment B:** Using the chart below, place an X in the column on the right if the Council Goal is related to the work of the Transportation Board:

Mark all that apply

Economic Vitality		
	<u>Economic Vitality:</u>	
	• <b>Priority Area</b> – Build the local tourism economy	X
	• <b>Priority Area</b> - Revitalize and eliminate blight in Los Alamos and White Rock	X
	• Promote a strong and diverse economic base by encouraging new business growth	
	• Collaborate with Los Alamos National Laboratory as the area's #1 employer	
	<u>Financial Sustainability</u>	
	• Encourage the retention of existing businesses and assist in their opportunities for growth	X
	• Support spinoff business opportunities from LANL	
	• Significantly improve the quantity and quality of retail business	
Quality of Life		
	<u>Housing:</u>	
	• <b>Priority Area</b> -- Promote the creation of a variety of housing options for all segments of the Los Alamos Community, including infill opportunities as appropriate	
	• <b>Priority Area</b> -- Support development of affordable workforce housing	
	<u>Education:</u>	
	• Support Los Alamos Public Schools' goal of ranking among the top public schools in the nation	
	• Partner with Los Alamos Public Schools and the University of New Mexico – Los Alamos; and support, as appropriate, the delivery of their educational services to community standards	
	<u>Quality Cultural and Recreational Amenities:</u>	
	• Implement a comprehensive range of recreational and cultural amenities that enhance the Los Alamos community	X
	<u>Environmental Stewardship:</u>	
	• Enhance environmental quality and sustainability balancing costs and benefits including County services and utilities	X
	<u>Mobility:</u>	
	• Maintain and improve transportation and mobility	X

Quality Governance		
	<u>Operational Excellence:</u>	
	<ul style="list-style-type: none"> <li>• <b>Priority Area</b> – Implement the Comprehensive Plan with an emphasis on neighborhoods and zoning</li> </ul>	
	<ul style="list-style-type: none"> <li>• <b>Priority Area</b> – Simplify permit requirements and improve the overall development and building code processes to become easier to work with for all participants</li> </ul>	
	<ul style="list-style-type: none"> <li>• Maintain quality essential services and supporting infrastructure</li> </ul>	X
	<ul style="list-style-type: none"> <li>• Invest in staff development to create a high performing organization</li> </ul>	
	<ul style="list-style-type: none"> <li>• Manage commercial growth well following an updated, concise, and consistent comprehensive plan</li> </ul>	X
	<ul style="list-style-type: none"> <li>• Establish and implement a mechanism for effective Utility policy setting and review</li> </ul>	
	<u>Communication:</u>	
	<ul style="list-style-type: none"> <li>• Improve transparency in policy setting and implementation</li> </ul>	X
	<ul style="list-style-type: none"> <li>• Create a communication process that provides measurable improvement in citizen trust in government</li> </ul>	X
	<u>Intergovernmental Relations:</u>	
	<ul style="list-style-type: none"> <li>• Strengthen coordination and cooperation between County government, LANL, and the regional and national partners</li> </ul>	
	<ul style="list-style-type: none"> <li>• Actively pursue land transfer opportunities</li> </ul>	



**LOS ALAMOS**

where discoveries are made

## **FY20 Work Plan for Los Alamos County Boards and Commissions**

**(Fiscal Year 2019: July 1, 2019 – June 30, 2020)**

**Board and Commission Name:** Transportation Board

**Date prepared:** \_\_\_\_\_ **Date approved by Council:** \_\_\_\_\_

**Prepared by:** Members of the Transportation Board and County Staff

**This work plan will be accomplished in the following time frame:** July 1, 2019 to June 30, 2020.

**Chairperson:** Sriram Swaminarayan

**Members and terms:**

- Don Machen; term expires February 28, 2019
- Nancy Barnes; term expires February 28, 2019
- David Schiferl; term expires February 28, 2019
- Kyle Wheeler; term expires February 28, 2020
- Terence Foecke; term expires February 28, 2020
- Julie Bennett; term expires February 28, 2020
- Sriram Swaminarayan; term expires February 28, 2020

**Department Director:** Philo Shelton

**Work plan developed in collaboration with Department Director?** Yes

**Staff Liaison:** Philo Shelton

**Administrative Support provided by:** Louise Romero

**Council Liaison:** \_\_\_\_\_ **Reviewed by Council Liaison?** \_\_\_\_\_

**1.0 Provide a brief Summary of your Board or Commission’s activities over the past twelve months. Please describe your Board or Commission’s accomplishments and identify constraints. List any “lessons learned” and identify the greatest challenges faced by the Board or Commission.**

1. Received public comment, reviewed, or monitored progress of the following issues/projects:
  - a. Los Alamos Tourism Strategic Plan and Wayfinding Analysis
  - b. On-Street Parking on Central Avenue
  - c. Crosswalk at Broadview
  - d. North Mesa Improvements Project - Phase 2
  - e. 2 Peak Transit Route Update
  - f. Bus Stop Improvement Plan
  - g. Airport Projects
  - h. Pedestrian Crossing Issues
  - i. Board and Commission Presentation to Council for 2018
  - j. Assignment of Transportation Board Liaison to the Tourism cImplementation Task Force
  - k. Crack Seal & Micro Seal Treatment
  - l. Los Alamos County Residential LED Streetlight Conversion Initiative Presentation
  - m. Canyon Rim Trail Underpass
  - n. Diamond Drive Crossing Evaluation
  - o. Supplemental Environmental Project (SEP) - East Jemez Road/NM 4 Intersection
  - p. Electric Bus Presentation
  - q. NM502 Project - Update
  - r. Approved FY19 Snow & Ice Control Plan
  - s. LANL FY19 SEP East Jemez Road - NM 4 Intersection
  - t. Monitored Supplemental Environmental Projects
2. Greatest challenges:

**2.0 Describe the future work plans for this Board or Commission using the following items and showing the relationship to those items: *(Please remember that Council approval of this work plan does not constitute official Council approval of proposed projects, assignments, or anticipated recommendations included in this work plan that have budget implications.)***

**2.1 List any special projects or assignments given to this Board or Commission by Council or the Department director:**

1. Review and monitor major construction and renovation plans for transportation facilities such as roads, streets, multi-use pathways, sidewalks and trails, airport, and public transit. Host public meetings as requested and forward any submitted public comment throughout project completion to staff. Identifies ongoing and upcoming projects:
  - a. A-19 Development
  - b. NM 502 Improvements construction
  - c. Traffic signalization at 20<sup>th</sup> Street
  - d. A-9 Affordable Housing on DP Road
  - e. Pavement Rehabilitation
  - f. Airport Fuel Farm
  - g. Airport AWOS
  - h. DP Road Improvements

- i. ADA Plan Updates
  - j. Department of Energy – Supplemental Environmental Projects – SRR and Truck Route
  - k. Wayfinding for MainStreet District
  - l. Canyon Rim Trail Phase III
  - m. Canyon Rim Trail Underpass
  - n. Tsikumu Village Improvements
  - o. Residential LED Street Light Replacement Plan
  - p. Deacon Street
2. Review Snow and Ice Control Plan annually and make recommendations before October 15.
  3. Review projects to ensure adherence to current standards and policies to ensure/improve the safety and efficiency of all modes of transportation including:
    - a. The 2017 Bicycle Transportation System Plan
    - b. The Policy of the Design of Public Streets and Rights-of-way, (Res. No. 10-32; Nov 2010).
    - c. Complete Streets Checklist
  4. Host or attend public meetings as requested by Council or staff.

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- New Year's Eve Shuttle
- Senior Appreciation Night
- Skiesta Shuttle
- Ullr Fest
- ScienceFest
- Opera on the Rocks
- Summer Concert Series

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- Public Airport Day
- Taste of the Sky
- AOPA Fly-In

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• Encourage the retention of existing businesses and assist in their opportunities for growth	X
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• Partner with Los Alamos Public Schools and the University of New Mexico – Los Alamos; and support, as appropriate, the delivery of their educational services to community standards	
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<u>Environmental Stewardship:</u>	
• Enhance environmental quality and sustainability balancing costs and benefits including County services and utilities	X
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• Maintain and improve transportation and mobility	X

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<u>Operational Excellence:</u>	
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# County of Los Alamos

## Staff Report

December 06, 2018

Los Alamos, NM 87544  
www.losalamosnm.us

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**Agenda No.:**

**Index (Council Goals):**

**Presenters:**

**Legislative File:** 11446-18

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**...Title**

Public Works Staff/Project Update - November 2018

**...Attachments**

A - Public Works Update - November 2018

# In the Works....

## Public Works Update – November 2018

### Administration Division

#### Transportation Board



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

#### November 1, 2018 Transportation Board Meeting Highlights



Dan Erickson, Traffic and Streets Division Manager provided an update on the Golf Course Crossing on Diamond Drive.

### Airport Division

#### Perimeter Fence Project



Construction is underway on the airport fence project; 90% of the posts have been set and 40% of the top tubes have been installed. Crews will begin stretching the chain-link fabric the first week of December. Once the new fence is installed, crews will remove the old fence and install the new gates. The project is expected to be completed by the end of January. 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. Ninety-five percent of the project costs are covered by an FAA Airport Improvement Grant and NMDOT Aviation Grant.

## New Aircraft Hangar Complex Construction Project



Crews from Facilities and Streets Divisions of Public Works are nearly finished with construction on the new hangar project; the roof ridge cap and electrical are the only major items that remain. The total project is approximately 95% complete, final inspection is scheduled for mid-December and will be ready for tenants by the first of the year. Once completed, the hangar will accommodate up to 6 aircraft in 4 separate storage areas. The new hangars will be leased to local aviation-related businesses, such as Classic Air Medical, and private aircraft owners.

## Custodial Division



The Custodial Division supported 282 events during the month of November.



The carpets were shampooed at the Eco Station this month.



The tile floor waxing at PCS was completed this month.



Detail cleaning of Mesa Public Library started this month in anticipation of its reopening in December.

The Facilities Services Manager and Lead Custodian attended the ISSA Annual Conference & Trade Show in Dallas this month. There were many informative seminars on topics ranging from floor work efficiency to green cleaning to building teamwork. In addition, the trade show is one of the largest in the world with over 750 booths and we came away with many new ideas to incorporate into our daily cleaning duties, snow removal efforts and floor care maintenance.

## Engineering & Project Management Division

### White Rock Senior Meals Center Kitchen Equipment Upgrade

This project utilizes a grant from the State Aging and Long-Term Services Department (ALTSD) to install additional kitchen equipment to improve the in house and delivered meals capacity. The Invitation for Bids was advertised on September 16th and closed on October 4<sup>th</sup>, and a contractor was selected. The contract is in the award process and is to be reviewed by ALTSD to obtain a Notice of Obligation.

The grant will allow for the acquisition and installation of new commercial kitchen equipment such as; a grill, large cook and hold oven, large serving steam table, large chef work table, heavy duty

garbage disposals, and a washer and dryer. Electrical, plumbing and gas lines are also being re-worked to connect to the new equipment. The kitchen is expected to be shut down for one week in February to accomplish this work. During this time, the seniors will be served through the Los Alamos Senior Center kitchen.

### **LAPD Remodel for Sheriff's Office**

A new office space for the County Sheriff's office is being designed inside the Justice Center to allow the public better access. The new entrance will be on the Trinity side of the station. It will consist of an office for the Sheriff and one office space for an Administrative position. Currently, visitors to the Sheriff's office need to be escorted through the Records area, which is not ideal, either for the visitors or staff. Construction drawings have been received and are under review. Construction should be complete before the end of the year.

### **Fire Station 3**



The project which includes reroofing, as well as a new exterior wall system, window replacement and HVAC system modifications is well underway. The west wing bunkrooms have been completed. Work will commence on the east wing while roofing activities have approached 75% toward completion. Substantial completion is expected to occur in late December, ahead of schedule.

Substantial completion is scheduled for January 30, 2018.

### **Tsikumu Village**

Tsikumu Village is programmed in Fiscal year 2019 for roadway maintenance. This project will include pavement preservation, along with intermittent concrete work as needed on Sioux Street, Cheyenne, Iroquois, Seminole, Yuma, and Ute Street for approximately 1.9 miles. The roadway maintenance treatment is being evaluated currently to fit within the budget. Alternatives are being developed currently. A selected alternative is anticipated in late 2018 following the December 6<sup>th</sup> public meeting in conjunction with the December Transportation Board Meeting. Construction is anticipated in Spring of 2019.

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

This project includes a traffic study to evaluate general geometry and an assessment of improvements to support future development at NM 502 (Trinity Drive) and 35<sup>th</sup> Street. A scoping meeting was held with NMDOT on October 31st to discuss the traffic impact analysis. The next milestone is the 30% submittal, which is on schedule for December 2018.

## **Mesa Library HVAC Improvements**

The project was awarded May 22 to replace the entire HVAC system, change the fluorescent lighting to LED, clean the duct work and tint the large skylight. The project was awarded to Mick Rich Contractors, and a Notice to Proceed date was given on July 2.

The main public area of the library is scheduled to be closed from August 20<sup>th</sup> to December 3.

Work is continuing with the following:

- The Electrical switch-over to the new transformer and power feeds began Monday November 5, with the switching off commercial power to the entire library. Power to the Zone was provided by the backup generator on site. A quick tie-in of the main breaker for the library servers was made to the generator circuit so that the public could access the collection electronically and staff could continue working. On Wednesday afternoon, November 14<sup>th</sup> commercial power was restored, the new transformer was energized.
- Gas line work is complete.
- Most of the new retaining wall and chiller slab is installed, the remainder anticipated to be complete the week of November 19<sup>th</sup>.
- Much of the wood ceiling is installed in the lower level and the drop ceiling is being installed.
- The conference room ceiling grid is installed with work continuing to lay in the ceiling tiles and make the final lighting and duct work tie-ins.
- The boiler installation is about 95% complete.
- The new fan units are in the process of being installed.
- The ductwork surrounding the fans is being constructed.
- Controls for the HVAC are being installed
- The duct cleaning is complete
- The skylight tinting is complete

Temporary heat for the Zone, where no heating exists, has been generously provided by the contractor. Elevator upgrades were to be complete prior to the December 4<sup>th</sup> library re-opening date, however the subcontractor says this work will be complete on December 10<sup>th</sup>. The elevator will be out of service for the first week after the re-opening.

The library moving dates to re-occupy will occur Wednesday, November 28<sup>th</sup>, with one final move from Fuller Lodge December 3<sup>rd</sup>. There will be minor work continuing after the library re-opens, this work will be a minor inconvenience to the public and will still allow the public to access about 99% of the library.

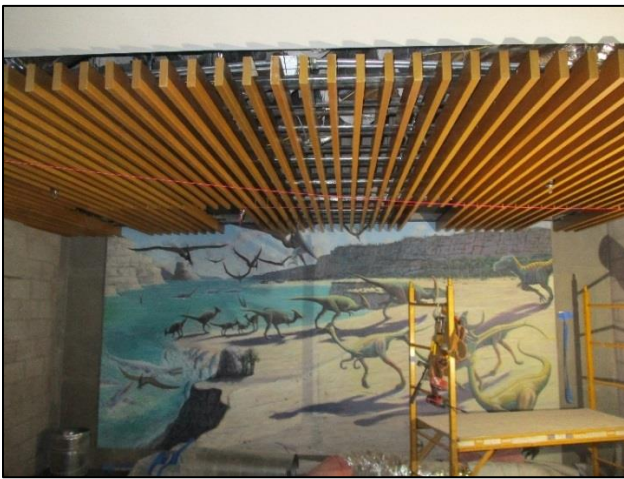
Currently, the dates for Substantial and Final Completion are, January 25<sup>th</sup> and March 29<sup>th</sup>, 2019.



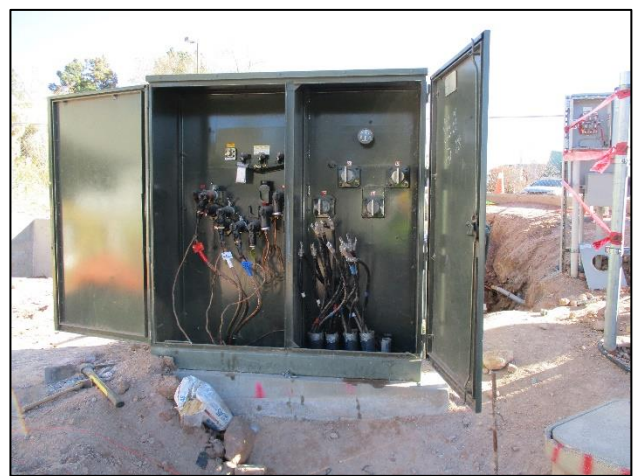
*Return Fan Bank*



*Wood Ceiling – Picture Book area*



*Wood Ceiling – Dinosaur Area*



*Inside the electric transformer*

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

The County has been working with the consultant to prepare to obtain easements with the private owners, by first obtaining property appraisals, within the project limits between Knecht Street and the 20th Street Extension. A presentation was made to the membership at the American Legion, one of the properties where an acquisition is needed. They will respond pending the appraised value. Souder, Miller & Assoc. has been in the process of obtaining a contract with an appraiser as per our contract, this is obtained on October 22<sup>nd</sup>. The appraisals are scheduled to be complete in mid-December.

### **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 kick-off meeting with Wilson and Company was held on April 26 to begin the design process for this project. Preliminary Alignments have been received by staff. The first public meeting will be held July 26<sup>th</sup> at the Arts in Public Places Board, followed up by an August 2<sup>nd</sup> presentation to the Transportation Board and August 9<sup>th</sup> presentation to Parks & Recreation Board to discuss the

scoping report and conceptual design. Minor feedback was obtained and will be considered. The consultant has now submitted the 60% design, and a design review meeting was held with the whole project team on September 18<sup>th</sup>. A follow-up design meeting was held on October 22<sup>nd</sup> for utility and ROW coordination. It is anticipated that various utility relocations are forthcoming and being that this project crosses through NMDOT Right-of-Way maintenance agreements will be required. Utility coordination with private utilities and Los Alamos County utility owners is ongoing.

### **DP Road and Utility Infrastructure Improvements Project**

The USDOT BUILD (Better Utilizing Investments to Leverage Development) Grant application was submitted on July 19, 2018, for the DP Road and Utility Infrastructure Improvements Project. The request was for \$5 million for new asphalt road surfacing, pavement markings, concrete sidewalks, curb and gutter, ADA curb ramps, drive pads, storm drains, street lighting, and landscaping improvements. One million dollars was also requested for the replacement of the existing utilities (gas, water and electric) that will be impacted by the roadway construction. The grant awards are scheduled to be announced by December 18, 2018.

The preliminary design continues for this project. A meeting was held with business owners along DP Road on November 6<sup>th</sup> to discuss the project approach and the coordination efforts with other construction projects along the corridor. Another meeting with stakeholders was proposed in early January after the BUILD grant announcements are made to discuss the project schedule. A meeting was also held on November 15<sup>th</sup> with DOE to discuss an easement request for the utilities to be constructed and maintained at the east end of DP Road. A follow-up site visit was scheduled for early December to look at the potential routes.

**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. The USACE has entered into a design contract with Bohannon Huston, a Civil design consultant, to study and design the intersection. The final traffic study and concept design was submitted, and a subsequent meeting was held with all stakeholders on October 30<sup>th</sup>. The report documented 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. USACE and DOE have begun the design portion of the project with Bohannon Huston.

**NM 502 Reconstruction, Knecht St. to Tewa Loop:** Staff continues to coordinate with NMDOT on this state lead project. NMDOT bid the project for a fourth time on August 17<sup>th</sup>, 2018 and received two bidders. A pre-construction meeting was held on October 13<sup>th</sup> with all project stakeholders. The contractor, Star Paving, has requested a winter suspension in hopes of beginning the project on March 4, 2019. The NMDOT has granted this request, and Los Alamos County is negotiating with Star Paving a location for their staging yard.

## Environmental Services Division

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

A construction contractor, AEG/Tetra Tech, has completed construction of the permanent methane gas extraction system, technically referred to as the LAC Landfill Gas Collection and Control System. The Gas Collection and Control System was started up on July 13, 2018 and is designed to keep methane gas from migrating off site.



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

1. The monitoring probes near the boundary of the landfill ranged in methane concentrations from 0.0 (MP-8R, MP-9R, MP-11R and MP-12R) to 0.5 (MP-10R) percent gas in air.
2. The landfill gas extraction wells that are part of the newly active GCCS ranged in methane concentrations from 2 (EW-2R) to 54.7 (EW-16) percent gas in air.
3. The LFG vents and gas probes previously monitored and tracked during our monthly compliance monitoring at Los Alamos are not part of this month's data. These extraction locations have been recently decommissioned following the site's transition to the permanent GCCS system that started-up on July 12, 2018.

### 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 for residents. During the first five months of collection Environmental Services collected over 360 tons of yard material. All residents who registered through November 1<sup>st</sup> have received their roll carts and more residents are registering every day.

## Tis the Season to Recycle!

Toys and clothes and boxes oh my! With the holidays upon us and shopping sprees in full swing, Environmental Services anticipates an increase in cardboard boxes. To help accommodate the extra cardboard, we have added more cardboard recycling locations throughout Los Alamos County. As a friendly reminder, please flatten the cardboard boxes.

Ice Rink - Los Alamos County Municipal Building - North Mesa Ball Fields - Sullivan Field  
Recycling Center - Eco Station - Fire Station #2 - Fire Station #3 - Fire Station #4 – Fire Station #6

## Welcome to Public Works



Environmental Services would like to welcome our new Office Specialist Sara Thurgood. Sara comes to Environmental Services from the Recreation Division where she was a Senior Lifeguard and was heavily active in coordinating outreach events.

## Recycle Art Fair and Fashion Show



On November 14<sup>th</sup> Environmental Services and Chamisa Elementary School hosted the Recycle Art Fair and Fashion Show. This was a Zero Waste event, PEEC loaned the Zero Waste Kit, which consisted of reusable plates, cups and serving utensils. All excess food scraps were composted. Special thank you to all the Environmental Sustainability Board Members and Zero Waste team members who helped with the event.



## Re-unity Resources Compost Facility

Members of Zero Waste team and Environmental Services staff toured the Reunity Resources compost facility in Santa Fe to learn how food waste is composted in the city. Reunity Resources generates high grade compost from food waste collected from schools and restaurants around the city of Santa Fe.



## Training

Environmental Services Trainees Antoine Padilla and Stephen Sisneros traveled to Truth or Consequences NM to complete their transfer Station Certifications that are required from the New Mexico Environment Department. Both Antoine and Stephen passed the course and will receive their certificates once they have one year of service in the industry.

## Boots on the Ground Illegal Dumping Conference

Environmental Services Senior Office Specialist, Joshua Levings attended the Boots on the Ground Illegal Dumping Conference held by the South Central Solid Waste Authority in Grants New Mexico. The conference is held every year to help communities stop illegal dumping.



# Residential Sustainability Report



## Residential Sustainability Report

Service Period: October 2018



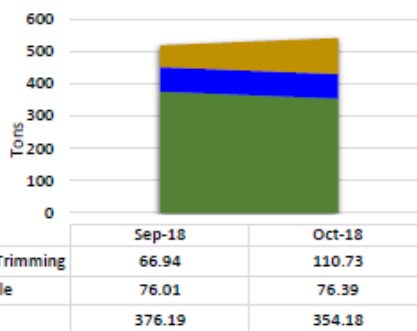
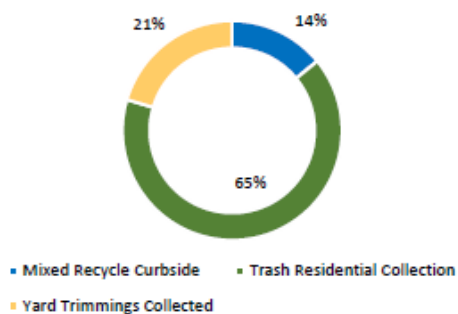
LOS ALAMOS

September Diversion Rate: 28% - October Diversion Rate: 35%

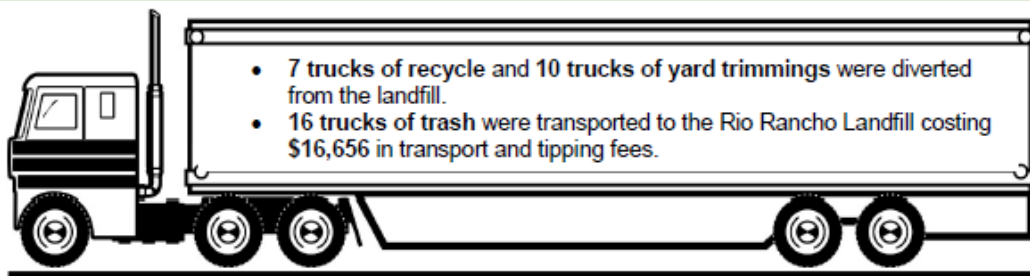
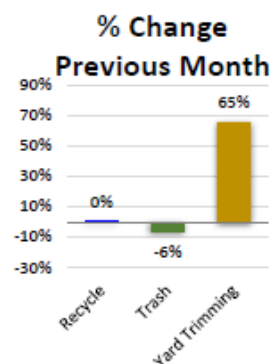
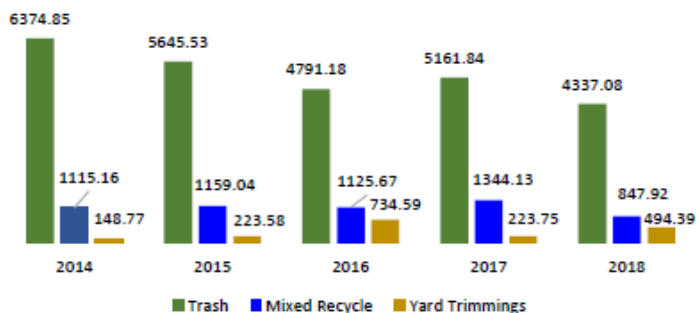
A 26% increase in Diversion

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

### Monthly Collection Report



### Annual Collection Report



For more information contact Environmental Services Division at 505.662.8163 or email [solidwaste@lacnm.us](mailto:solidwaste@lacnm.us)

## Facilities Division

### Fire Station #6 – Water Leak in Bathroom Wall



Facilities staff responded to a water leak that occurred in the bathroom of Fire Station #6. The source of the leak was located behind the access panel and the necessary repairs were made to correct the problem which has now been fully resolved.

A similar water leak was also addressed in the first-floor men's restroom, located in the MUNI building, where plumbing for one of the commodes had malfunctioned.

### Fire Station #2 – Pumping of Oil-Water Separator & Sediment Disposal



Facilities crew members worked with a contracted firm to pump out the sludge from the oil-water separator at Fire Station #2. Along with removal of the waste material for proper disposal, the baffles on the equipment were cleaned and/or replaced as needed to ensure that the equipment will continue to function as designed in the months ahead until it is serviced once again.

### Fire Station #4 – Drainage Problem Causing Leak into Basement



Staff are investigating possible remedial actions to address the recurring drainage issue at Fire Station #4 which is, in part, causing a leak into the basement of that facility. Alternatives to correct the issue are currently being discussed.



### **Transit Center Driver Trailer – Plumbing Failure and Spill**

Facilities staff were called to repair a break in the sewage line of the Transit Center employee trailer located on LANL property. The damage occurred as a contractor was pumping out the holding tank – which resulted in a hazardous waste release –that required the LANL Hazmat team (tanker is pictured above) to respond to and address.

### **Fleet Division**



Fleet has added a new Skid steer tractor that will be going to Environmental Services. This unit is used for all types of operations performed around the yard. It will be used for lifting, sweeping, and snow removal.



This addition to the Fleet will be going to Traffic and Streets. It is used to repair or replace street lights, poles, and traffic signals.

## Traffic & Streets Division



Crews cleaned curbs countywide in anticipation of vendor Accu-stripe to paint curbs and county owned parking lots.



Anthony Lucero oversaw the re-striping of newly micro-sealed roads in White Rock on Rover Blvd and Meadow Lane.



Crews defined a ditch on South Monte Rey where a resident was concerned about storm water flooding her house.



Crews repaired a pot hole on 41<sup>st</sup> Street.



Crews cut back brush in White Rock in anticipation of roads being micro-sealed.



Crews crew patched a portion of road on 40<sup>th</sup> street where GWS had to repair a line.



Crews built up a shoulder near Mountain Elementary School where storm water was undermining the curb/gutter and roadway.



Crews repaired a section of shoulder under an existing guard rail where the soil was eroding from the recent rains on Range Road.



Crews finishing placing asphalt at the Ecostation to mitigate water ponding and ice forming in an area where employees walk to open and close the gate.



Traffic electricians have been assisting with the building of the new airport hangar. They are nearing completion of the electrical portion of this project.

## Transit Division

### NMTA Supervisor Training

Atomic City Transit partnered with LAC DWI Council to bring a very happy and safe Halloween season. Atomic City Transit provided door to door services on Saturday October 27, 2018. We provided the following ridership for this event.

Date	Service Name	Operator	Unit	Adult	Unlined Passenger Trips
10/27/18	Halloween Buzz Bus	Julie	4111	22	22
10/27/18	Halloween Buzz Bus	Rolando	4142	15	15
10/27/18	Halloween Buzz Bus	Mark	4115	3	3
	Total				40



Reservations Accepted:  
 Friday, 10/26  
 7:00 AM - 6:00 PM  
 Saturday, 10/27  
 5:00 PM - 12:30 AM

Free Bus Ride Services  
 to and from locations in Los  
 Alamos & White Rock

**ENDWI**  
 IN LOS ALAMOS COUNTY

**Halloween Buzz Bus**  
Saturday, October 27th  
 6:00 PM - 12:30 AM

Don't Drink and Drive... Dial - A- Ride  
 To Request a Ride Call:  
 505-661-RIDE (7433)  
 First come, First Serve, So Call Early

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 **ATOMIC CITY  
TRANSIT**  
AtomicCityTransit.Com

 **LOS ALAMOS**  
where discoveries are made



Management Analyst, Kyle Hatch attended New Mexico Transit Association and Southwest Transit Association Transit Supervisor Certification Course in Las Cruces New Mexico in November 2018. The two-day course outline included a variety of transportation topics like vehicle operation, safety, training needs as well as dispatching and scheduling.



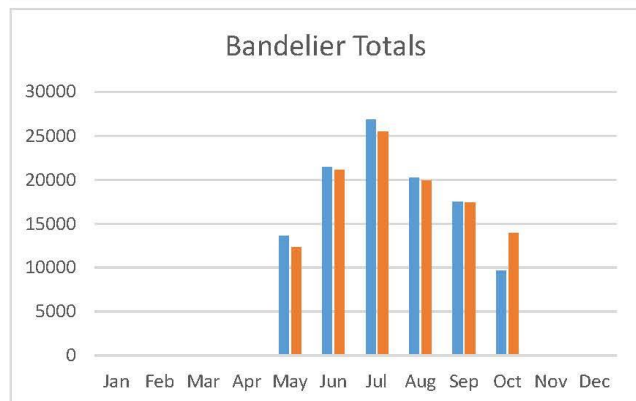
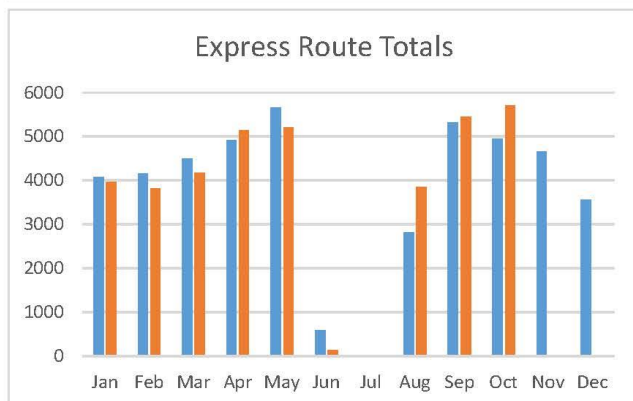
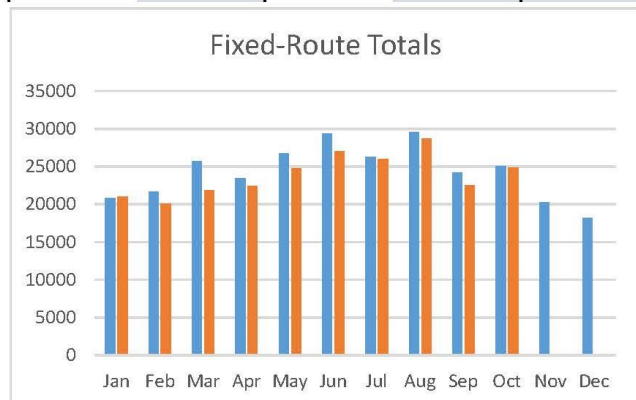
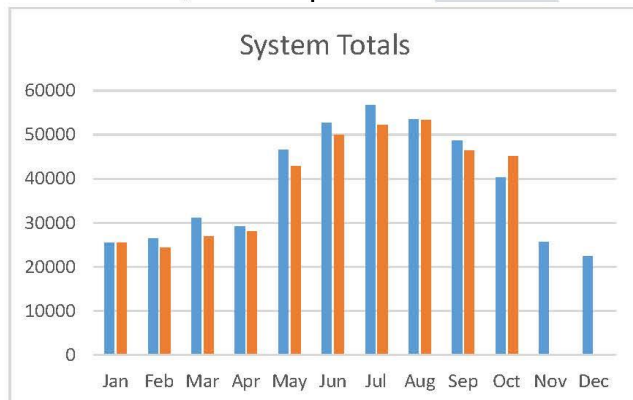
Atomic City Transit received a new bus for ACT Assist, the transportation program for persons with disabilities.



## October 2018 Ridership Report

LOS ALAMOS

Route	October Trips			Oct. Rev. Miles		Oct. Rev. Hours		YTD Trips
	2017	2018	% Chg	2017	2018	2017	2018	2018
1 Downtown	6,259	5,497	-12.2%	2,754	3,965	248.4	328.5	58,663
2M White Rock - Main Hill	2,781	2,757	-0.9%	3,785	7,869	263.4	296.7	26,303
2T White Rock - Truck Rt	1,725	1,660	-3.8%	6,954	7,285	274.1	287.1	16,897
2P White Rock - Peak	-	430	0.0%	1,140	3,028	42.4	111.9	4,922
3 Central / Canyon	2,915	2,997	2.8%	5,337	5,591	266.7	279.4	29,372
4 North Community	3,133	3,363	7.3%	3,867	4,051	273.0	286.0	28,413
5 Barranca Mesa	1,604	1,484	-7.5%	4,249	4,451	270.6	283.4	16,223
6 North Mesa	6,486	6,698	3.3%	6,019	6,306	407.1	426.4	58,319
<b>Fixed-route subtotal</b>	<b>24,903</b>	<b>24,886</b>	<b>-0.1%</b>	<b>34,105</b>	<b>42,547</b>	<b>2,045.6</b>	<b>2,299.5</b>	<b>239,112</b>
7 North Mesa Expr	1,453	1,486	2.3%	375	380	22.7	22.9	9,785
8 North Community Expr	846	916	8.3%	135	128	9.1	8.7	6,342
9 Aspen Expr	756	875	15.7%	104	99	7.3	7.0	6,410
10 Barranca Expr	1,238	1,369	10.6%	174	165	10.9	10.3	8,518
11 White Rock Expr	655	1,051	60.5%	353	336	14.0	13.3	6,341
<b>Express route subtotal</b>	<b>4,948</b>	<b>5,697</b>	<b>15.1%</b>	<b>1,140</b>	<b>1,109</b>	<b>63.9</b>	<b>62.3</b>	<b>37,396</b>
12 Bandelier	9,664	13,877	43.6%	10,328	8,812	402.9	341.1	110,034
Dial-a-Ride	116	93	-19.8%	738	771	44.9	48.7	951
ACT Assist	504	526	4.4%	4,377	3,908	232.8	214.0	4,389
Special Services	67	40	-40.3%	204	135	20.3	16.8	2,584
<b>System total</b>	<b>40,202</b>	<b>45,119</b>	<b>12.2%</b>	<b>50,892</b>	<b>57,283</b>	<b>2,810</b>	<b>2,982</b>	<b>394,466</b>



■ 2017 ■ 2018

**Total Passenger Trips to Date: 5,141,064**