



County of Los Alamos

Agenda - Final Transportation Board

David North, Chair; Natalie Morgan, Vice Chair; Michael Dolejsi; Matthew Heavner; Catherine Erwin-Renfro; and Georgia Strickfaden, Members

Thursday, November 4, 2021

5:30 PM

Via Zoom Webinar

This meeting will be conducted remotely.

Please click the link below to join the webinar:

<https://us06web.zoom.us/j/82693372791>

Passcode: 801970

Or One tap mobile :

US: +12532158782,,82693372791#,,,,*801970# or
+13462487799,,82693372791#,,,,*801970#

Or Telephone:

Dial(for higher quality, dial a number based on your current location):

US: +1 253 215 8782 or +1 346 248 7799 or +1 720 707 2699 or +1 301 715 8592

Webinar ID: 826 9337 2791

Passcode: 801970

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. APPROVAL OF MINUTES

[15093-21](#)

Approval of the October 7, 2021, Transportation Board Minutes

Presenters:

David North, Chair of the Transportation Board

Attachments: [A - Draft Meeting Minutes - October 7, 2021](#)

5. PRESENTATIONS AND DISCUSSION ITEMS (Action maybe taken on these items)

[15094-21](#) FAA - CIP Submittal & Safety Project Presentation

Presenters: Jon Bulthuis, Acting Public Works Director and Geoff Rodgers, Airport Manager

Attachments: [A - FAA - CIP Submittal & Safety Project Presentation](#)

6. REPORTS & UPDATES

A. County Council Liaison Reports

B. Chair's Report

C. Board Member Reports

D. Staff Report

[15095-21](#) Public Works Staff Report - October 2021

Presenters: Jon Bulthuis, Acting Public Works Director

Attachments: [A - Public Works Staff Report - October 2021](#)

7. NEXT MEETING/FUTURE AGENDA ITEMS

- * *West Jemez Road/SR4 Update*
- * *PW Design & Construction Standards*
- * *Revisit Bike and Pedestrian Plans*
- * *Electric Bicycles*
- * *Update on buffer zones*

8. ADJOURNMENT

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

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



County of Los Alamos

Staff Report

November 04, 2021

Los Alamos, NM 87544
www.losalamosnm.us

Agenda No.:

Index (Council Goals):

Presenters:

Legislative File: 15093-21

...Title

Approval of the October 7, 2021, Transportation Board Minutes

...Body

The Transportation Board will review and approve the October 7, 2021, Transportation Board minutes.

...Recommended Action

I move that the Transportation Board approve the October 7, 2021, minutes as presented.

OR

I move that the Transportation Board approve the October 7, 2021, minutes as amended.

...Attachments

A - DRAFT October 7, 2021, Meeting Minutes



County of Los Alamos

Minutes

Transportation Board

David North, Chair; Natalie Morgan, Vice Chair; Michael Dolejsi; Matthew Heavner; Catherine Erwin-Renfro; and Georgia Strickfaden, Members

Thursday, October 7, 2021

5:30 PM

1000 Central Avenue, Council Chambers

1. CALL TO ORDER / ROLL CALL

The October 7, 2021, Transportation Board Meeting was called to order at 5:33 p.m.

Board Members Present:

David North
Georgia Strickfaden
Catherine Erwin-Renfro
Natalie Morgan
Matt Heavner
Michael Dolejsi

Staff in attendance:

Anne Laurent, Public Works Director
Jon Bulthuis, Deputy Public Works Director
Eric Martinez, County Engineer
Juan Rael, Traffic & Streets Manager
Keith Wilson, Public Works Project Manager
Amy Danforth, Senior Office Specialist
Tim Martinez, IT Support

Denise Derkacs, Council Liaison

Members of the public in attendance:

Debbie Hyman, 1919 Spruce St. Los Alamos
Ken Nebel, 1227 Big Rock Loop, Los Alamos
Akkana Peck
Didier Saumon, 416 Cheryl Avenue, White Rock
Conrad Ley, Wilson & Company

2. APPROVAL OF AGENDA

Motion was made by Chair North seconded by Member Heavner that the October 7, 2021; meeting agenda be approved as presented; motion passed unanimously.

3. PUBLIC COMMENT

Chair North welcomed Michael Dolejsi to the board.
Chair North congratulated Anne Laurent on her promotion.

4. APPROVAL OF MINUTES

[14926-21](#) **Attachments:** [A - Draft Meeting Minutes - September 2, 2021](#)

Motion was made by Member Morgan seconded by Member Strickfaden that the September 2, 2021; meeting minutes be approved as amended by correcting the spelling of public attendee Neal Pickett.
Motion passed unanimously.

5. PRESENTATIONS AND DISCUSSION ITEMS (Action maybe taken on these items)

[14929-21](#) **Attachments:** [A - Urban Trail Phase I & II Presentation](#)

Keith Wilson, Public Works Project Manager gave a presentation on the Urban Trail Phase I and II. He provided 4 options for Phase II North Road area.

- Raised Concrete Path
- Protected Land and Raised Median
- Protected Lanes with Delineators
- Buffered Lanes with Painted Median

Debbie Hyman, 1919 Spruce St. asked clarifying questions regarding Phase I and the location of the walkway near her home.

Board Members asked clarifying questions regarding speed limit restrictions, fencing, pedestrian / bicycle sharing concerns, bicycle access on North Road, construction on south side of North Mesa, flow signage on walkway, boardwalk thru wooded area, streetlights, number of accidents on Canyon Road, and how residents were notified about meeting.

14928-21

LED Street Light Program

Attachments: [A - LED Light Program Presentation](#)

Juan Rael, Public Works Traffic & Streets Manager gave a presentation on the LED Street Light Program. The presentation included:

- Background of Street Lights
- Outdoor Lighting
- LED Streetlights
- LED & Dark Skies
- Type 3 Fully Shielded Fixture
- ANSI/IES RP-8-18 Roadway Classification Chart
- What Los Alamos County has learned

Didier Saumon, 416 Cheryl Avenue, White Rock, expressed his concerns for light pollution due to the temperature level of the LED lights that are currently being used.

Board Members asked clarifying questions regarding the temperature of the lights, the number of lights that are being replaced each year, White Rock lighting, road safety, accidents due to lighting, and light pollution.

Anne Laurent, Public Works Director explained that in certain areas of the community the temperature level of lighting needs to be higher for safety and security reasons. She also let the board know that there are roads that do not belong to Los Alamos County, and they cannot decide on what lighting is used.

Akkana Peck made a comment regarding using lower temperature level lighting and asked clarifying questions regarding public outreach regarding lighting. Anne Laurent, Public Works Director let the board know that the code is currently being reviewed regarding this concern.

14927-21

Attachments: [A - Snow and Ice Control Plan Presentation](#)
[B - FY22 Draft Snow & Ice Control Plan](#)

Juan Rael, Public Works Traffic & Streets Manager gave a presentation on the FY22 Snow and Ice Control Plan. The presentation included.

- Purpose: Emergency Response
- Mission Statement
- Storm Response Goal
- FY22 Snow & Ice Plan Changes

- Coordinated Effort
- Responsibilities
- Priority Area Maps
- Safe Routes to School

Board Members asked clarifying questions regarding the new underpass area, using contractors, construction areas, Mirador snow removal, timers on lights, and the testing of the brine salt application.

Member Strickfaden complimented the Traffic & Streets Division on their previous years of snow removal.

Anne Laurent, Public Works Director let the board know that a presentation will be going to Council to add Mirador to the County's Snow and Ice Control Plan.

6. REPORTS & UPDATES

A. County Council Liaison Reports

Councilor Derkacs notified the Transportation Board that Council received the final briefing on the Downtown Master Plan for Los Alamos and the White Rock Town Center. There was a request for some additional changes and a modified plan should come back in a couple of weeks for final approval to include it in the comprehensive plan.

Councilor Derkacs notified the Transportation Board that Council received an initial briefing of the draft of Module One (1) of three (3) of the Development Code regarding use regulations. She would like to encourage everyone to review the plans and to provide input. This can be found on the website: losalamosconnect.org

B. Chair's Report

Chair North provided the following update:

Chair North attended the Board and Commission luncheon. He notified the board that there is a large interest in Transportation matters.

Chair North proposed having the Transportation meetings go back to Zoom meetings as there is a low attendance in person. Anne Laurent advised that this can be done by changing the information on the agenda.

C. Board Member Reports

None

D. Tourism Task Force Report - Member Strickfaden

None

E. LA RES Transportation Subcommittee Liaison Report - Katie Leonard

None

F. Staff Report

[14930-21](#)

Attachments: [A - Public Works Report - September 2021](#)

Anne Laurent, Public Works Director notified the Transportation Board that Jon Bulthuis will be Acting Public Works Director effective October 17th, 2021. She also thanked the board for the opportunity to work with them

7. NEXT MEETING/FUTURE AGENDA ITEMS

The next meeting will be held on Thursday, November 4, 2021

- **FUTURE AGENDA ITEMS**

- West Jemez Road/SR4 Update
- PW Design & Construction Standards
- Revisit Bike and Pedestrian Plans
- Electric Bicycles
- Airport - CIP
- Update on buffer zones

8. ADJOURNMENT

A motion was made by Member Strickfaden, seconded by Member Dolejsi that the October 7, 2021 Transportation Board meeting be adjourned. The meeting adjourned at 8:30 p.m.

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County of Los Alamos

Staff Report

November 04, 2021

Los Alamos, NM 87544
www.losalamosnm.us

Agenda No.:

Index (Council Goals):

Presenters: Jon Bulthuis, Acting Public Works Director and Geoff Rodgers, Airport Manager

Legislative File: 15094-21

Title

FAA - CIP Submittal & Safety Project Presentation

Body

The Airport Master Plan, a 20-year capital improvement plan adopted by the Council in 2013 and recommended the following five development strategies that emerged from the master planning process:

1. Construct taxiway access to the Runway 9 threshold.
2. Remove/relocate the hangars adjacent to Taxiway F in order to facilitate taxiway access to the Runway 9 threshold and to increase hangar development space and airfield capacity.
3. Maintain the current terminal building location for any future terminal building expansion or construction.
4. Implement declared distances in order to meet runway design standards.
5. Maximize developable space for aviation-related development.

The Airport Master Plan identified and prioritized Taxiway F relocation project to address safety and design standard issues (see above) with the added benefit of opening-up an area for new aeronautical development. Although 90% of direct project costs are Federal Aviation Administration (FAA) grant eligible, the airport must compete with other airports for Discretionary Grant funding. The FAA is currently programming Discretionary grant funding for their fiscal years 2023 and 2024.

The purpose of this presentation is to: (1) Provide an overview of the Airport Master Plan; (2) review the recently submitted FAA - CIP; (3) describe the Taxiway F relocation project components; and (4) answer any follow up on the questions raised by the Transportation Board.

The Presentation (Attachment A) will address the following:

- Los Alamos Airport Functions
- Airport Master Plan
- Taxiway Relocation Project
- Project Cost and Schedule
- Transportation Board Presentation Follow Up
- Comments/Questions

Fiscal and Staff Impact/Planned Item

The estimated cost of the taxiway relocation project if awarded by FAA is \$9.94 million with the following breakouts:

FAA	\$8,610,000	(Discretionary funding)
LAC	\$813,169	(Grant match and hangar buy-out)
NMDOT	\$520,000	(Grant match)

Attachments

A - FAA - CIP Submittal & Safety Project Presentation

Los Alamos Airport

FAA – CIP Submittal & Safety Project Presentation

Incorporated County of Los Alamos
Public Works Department

Jon Bulthuis, Acting Public Works Director
Geoff Rodgers, Airport Manager

November 4, 2021

Attachment A

LOS ALAMOS 

Services and Impact

➤ Air Transportation Facility

Commercial airline capable facilities

Instrumented approaches available

6000' paved & lighted runway, terminal building, 53 hangars; 100% full and 26 on waiting list

Supports 62 based aircraft & 14,000 annual aircraft operations

➤ Emergency Services Facility

Air medical rescue helicopter base

Civil Air Patrol Squadron base

US Forest Service aerial firefighting base

➤ Economic Engine

Home to one commercial operation; however, no room for expansion

User fees pay 65% of O&M costs, FAA & NMDOT pay 95% CIP costs

Airport Safety and Development Issues

➤ Taxiway “F” Does Not Comply with FAA Safety Standards

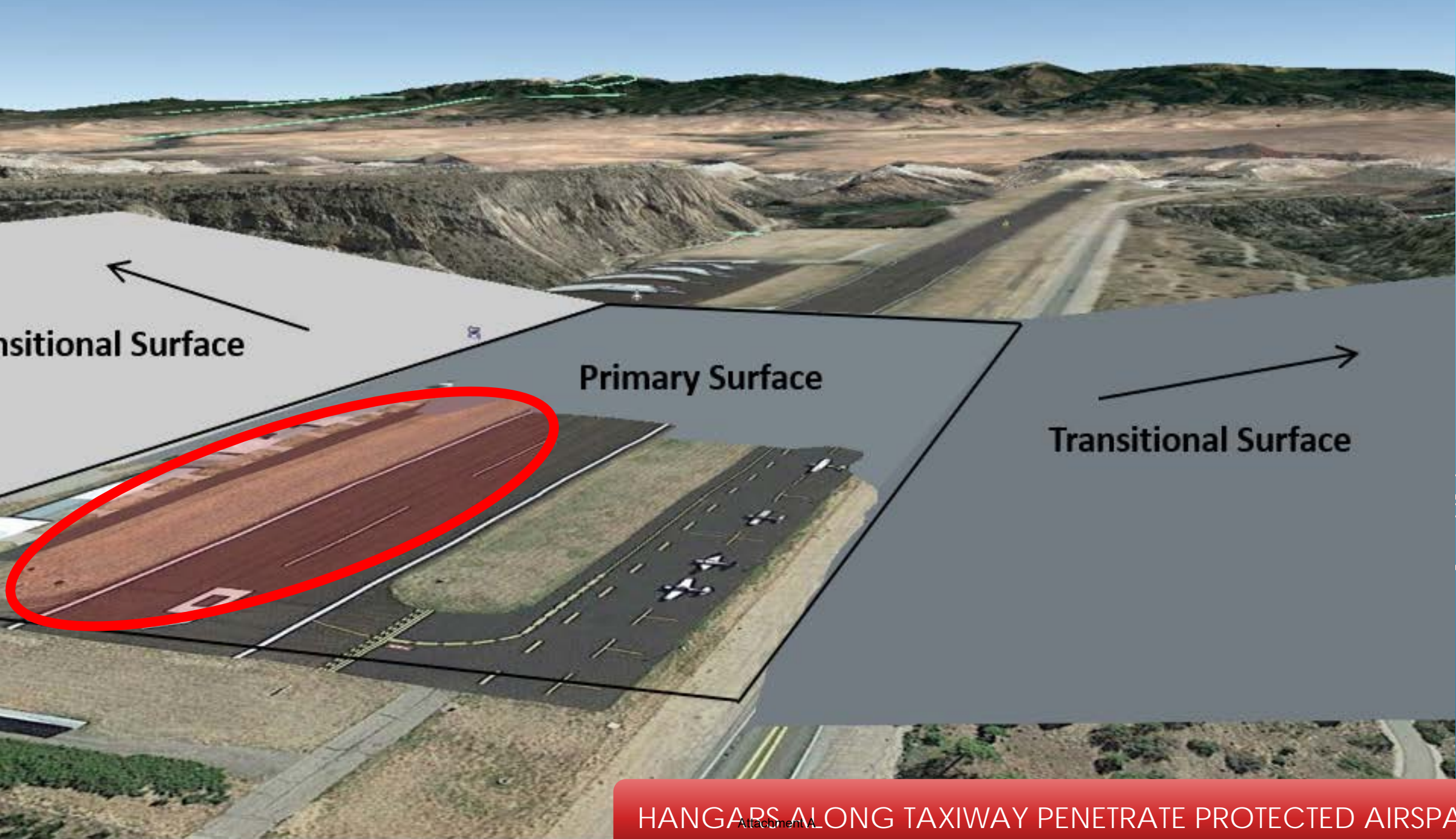
The location of taxiway and hangars increases the risk to aircraft and may limit future commercial airline service

➤ No Room for Airport Development

Lack of space for business and hangar development has stopped growth and limiting economic impact

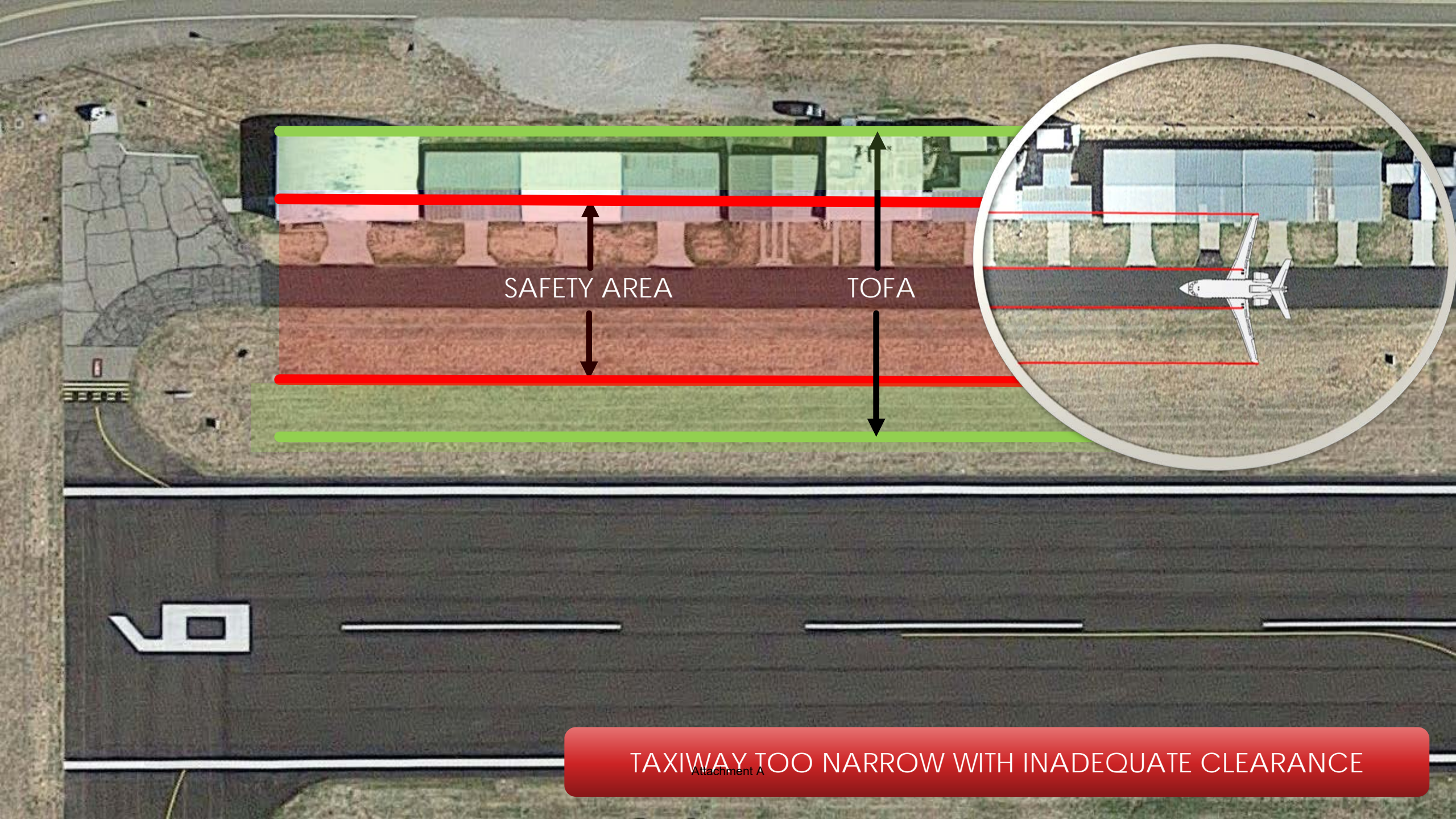
Airport Safety Standard Issues





HANGARS ALONG TAXIWAY PENETRATE PROTECTED AIRSPACE

Attachment A

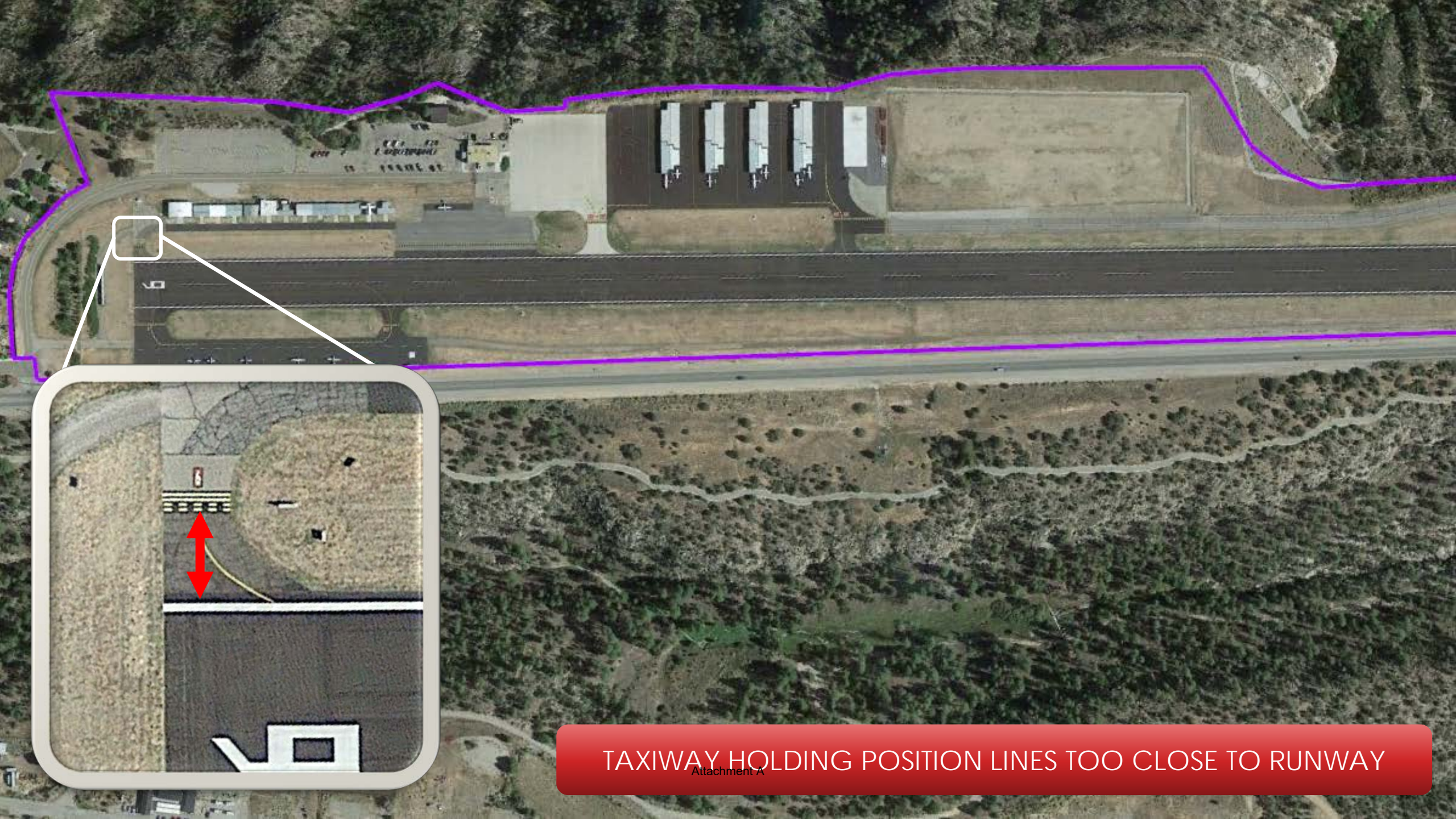


SAFETY AREA

TOFA

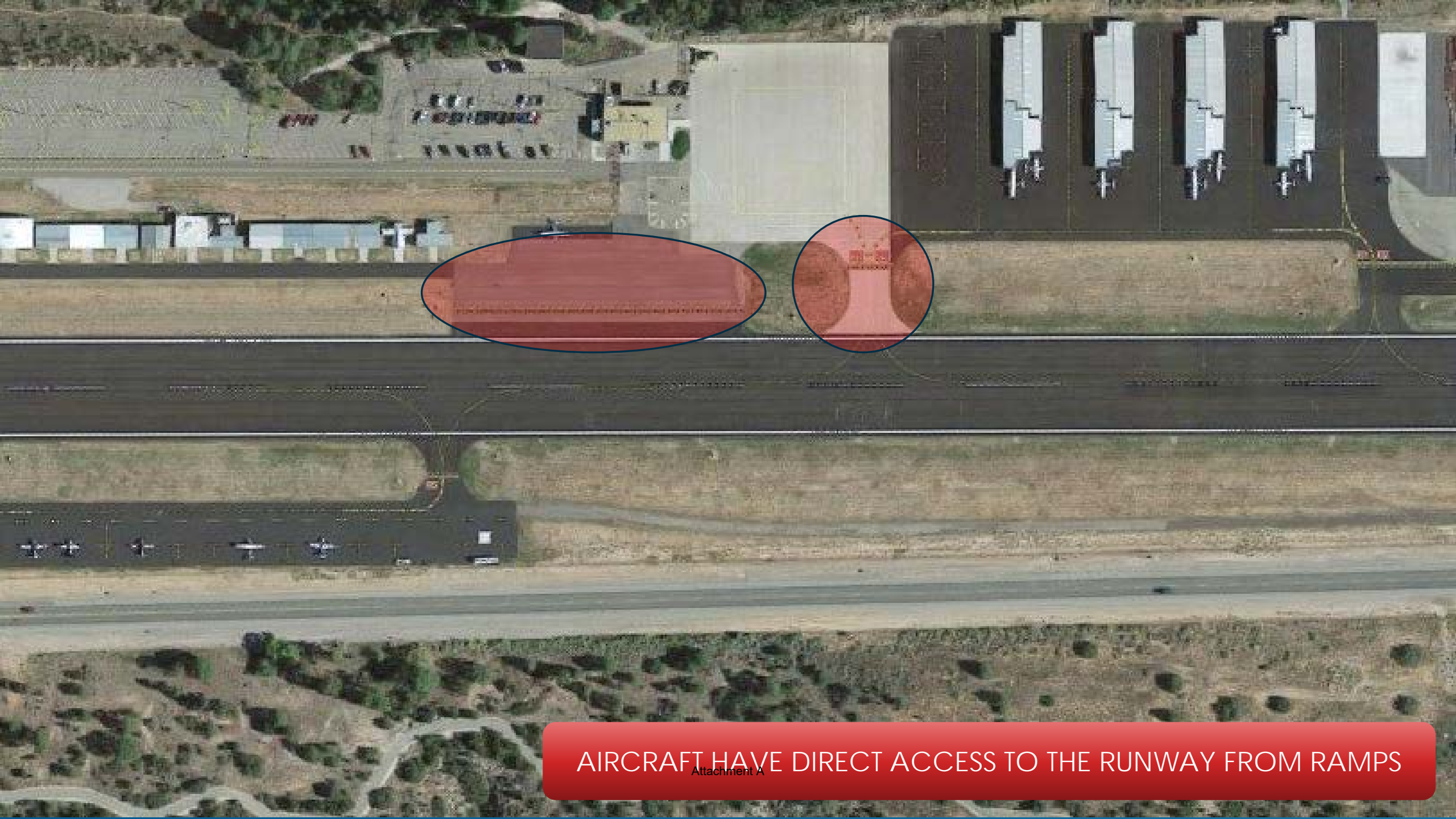
TAXIWAY TOO NARROW WITH INADEQUATE CLEARANCE

Attachment A



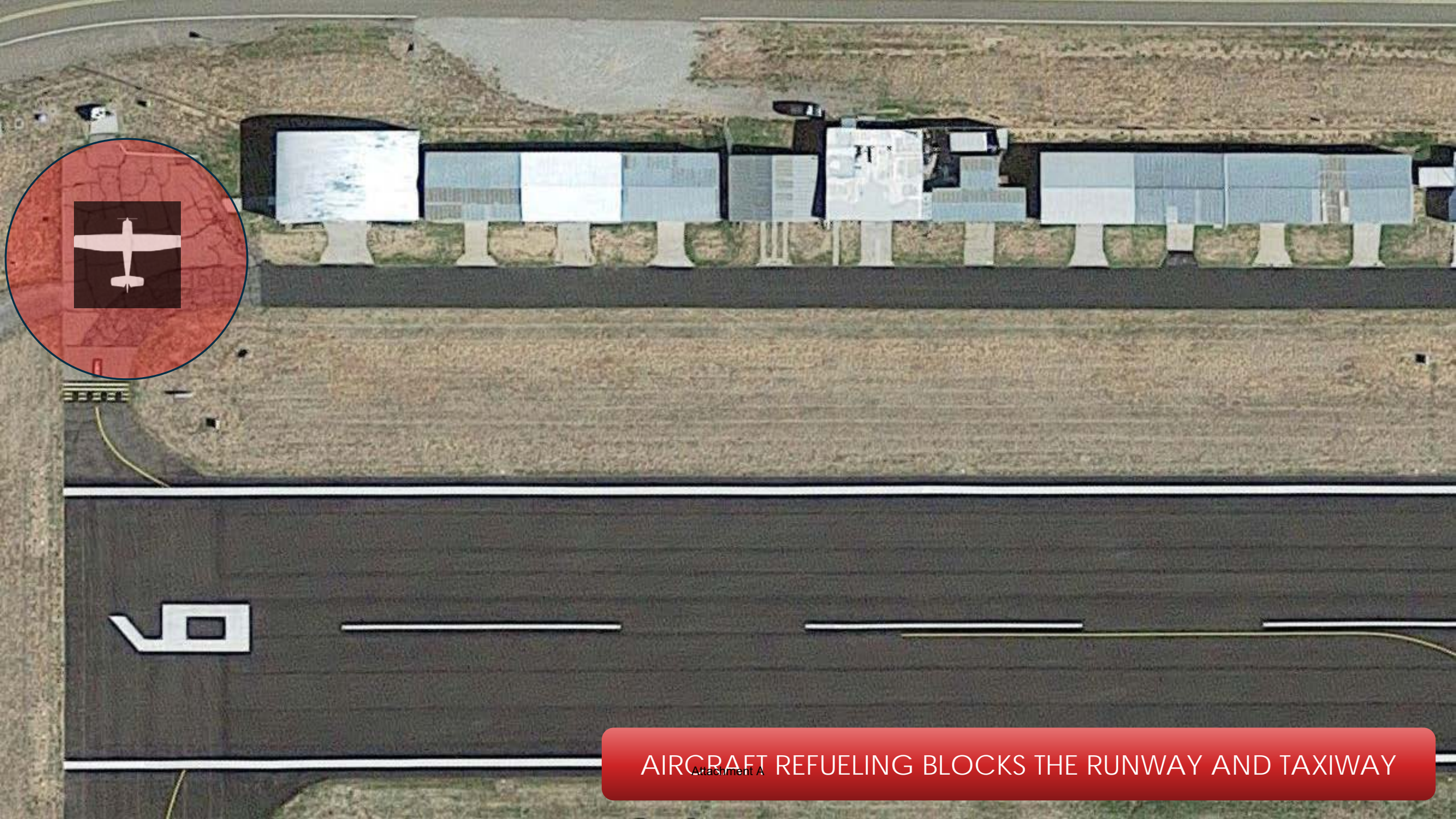
TAXIWAY HOLDING POSITION LINES TOO CLOSE TO RUNWAY

Attachment A



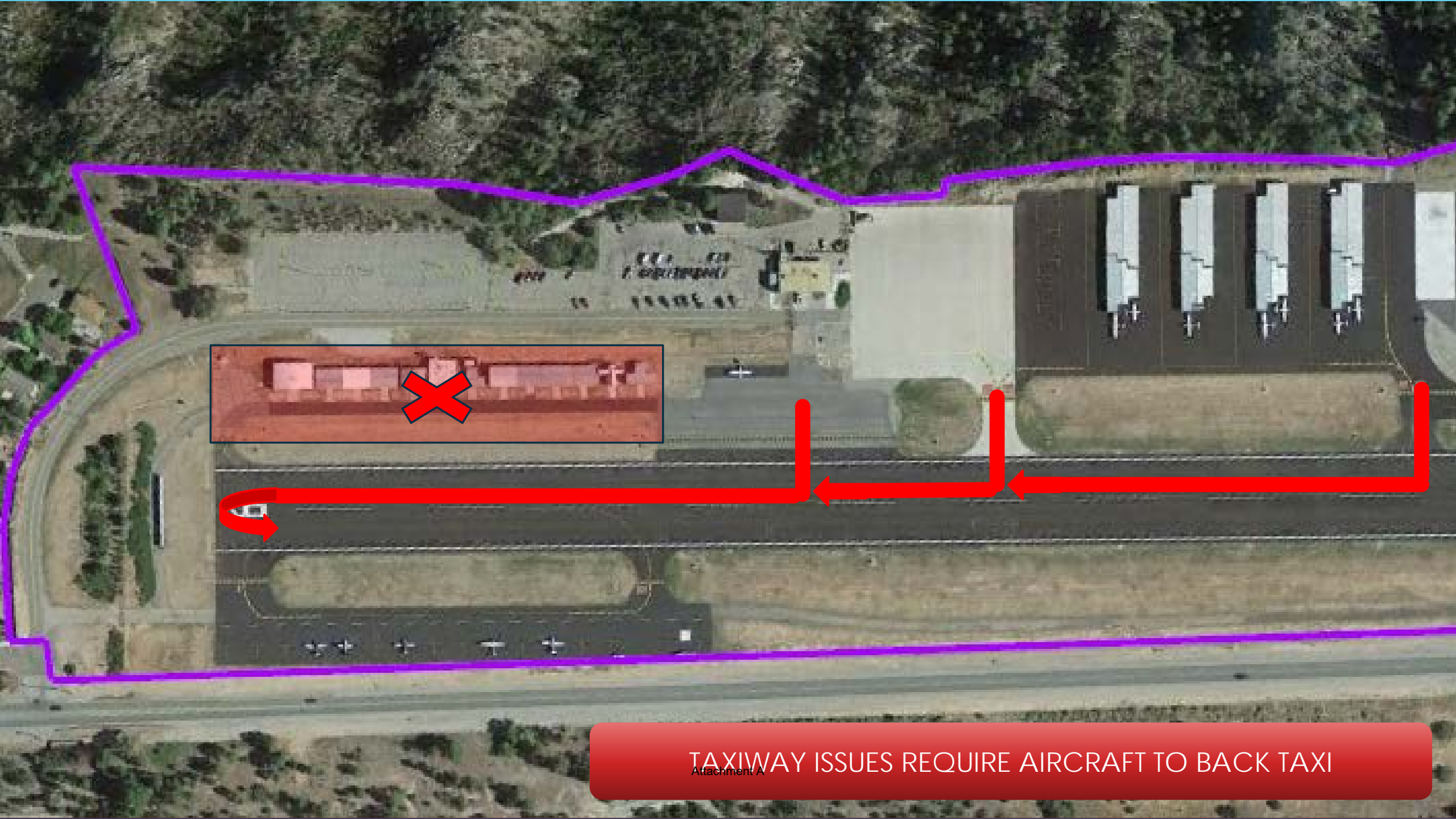
AIRCRAFT HAVE DIRECT ACCESS TO THE RUNWAY FROM RAMPS

Attachment A



AIRCRAFT REFUELING BLOCKS THE RUNWAY AND TAXIWAY

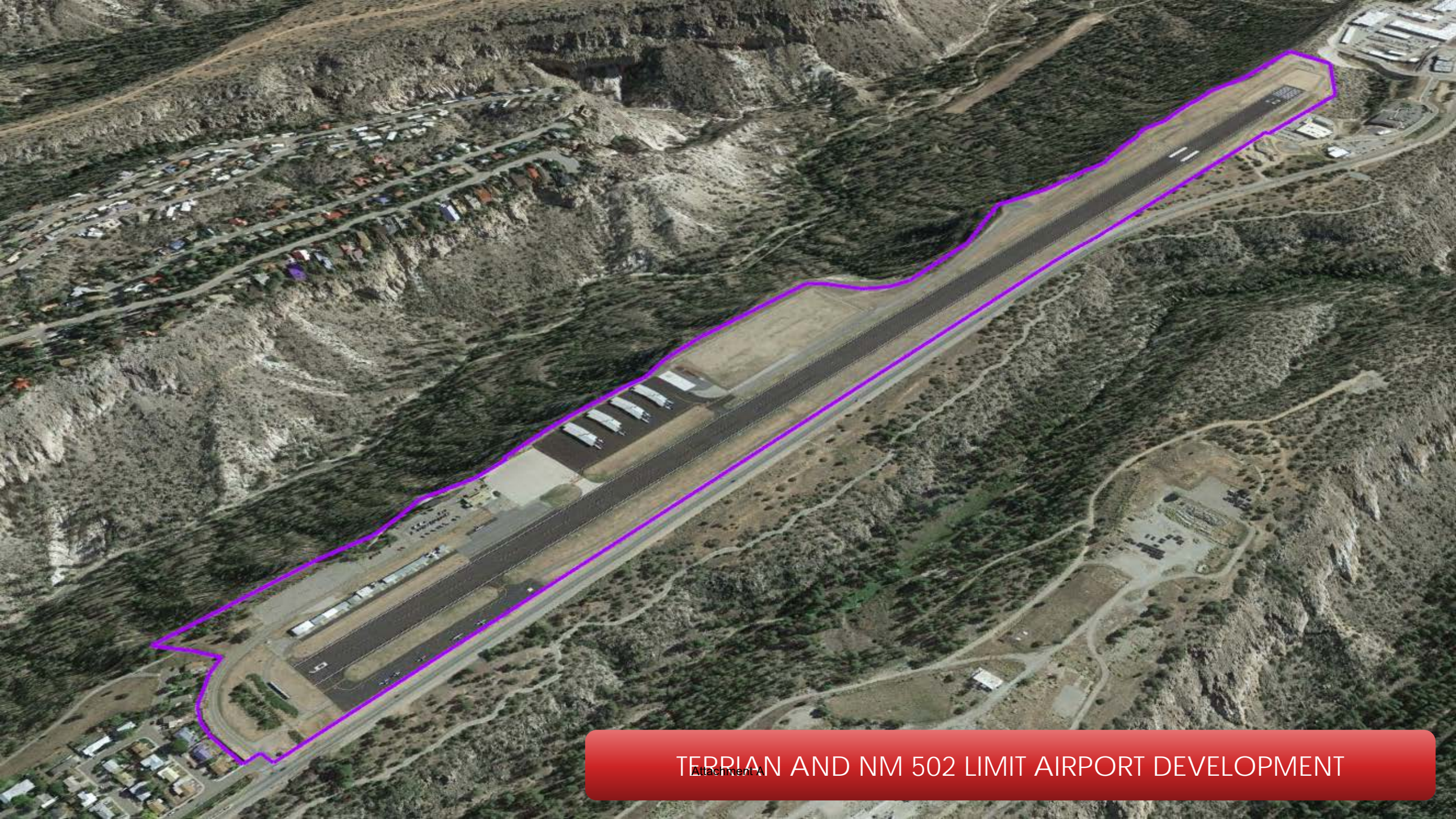
Attachment A



TAXIWAY ISSUES REQUIRE AIRCRAFT TO BACK TAXI

Attachment A

Airport Development Limitations



Attachment A
TERRIAN AND NM 502 LIMIT AIRPORT DEVELOPMENT



ENVIRONMENTAL REMEDIATION LIMITS AIRPORT DEVELOPMENT

Attachment A

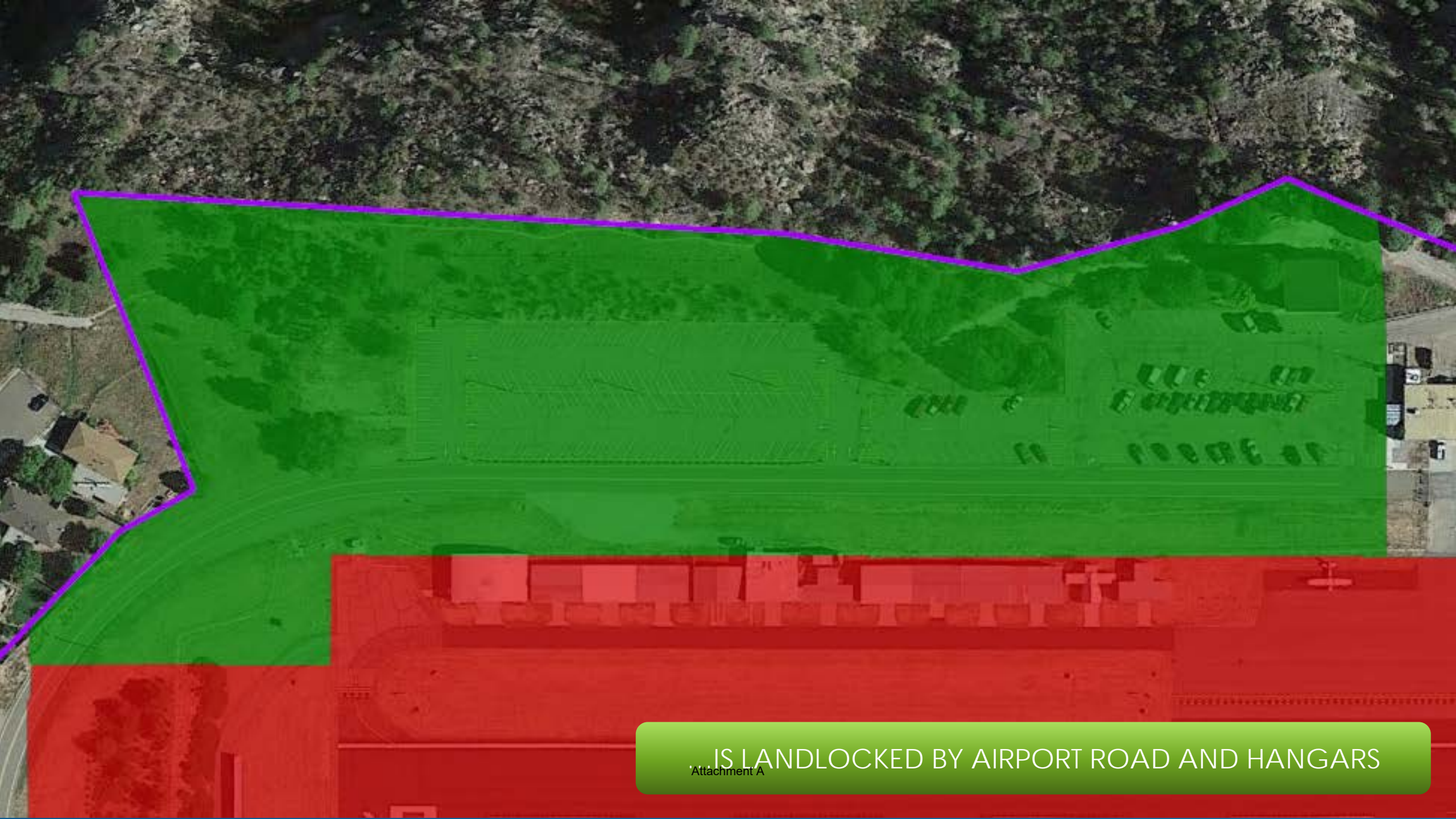


FAA SAFETY AREAS LIMITS AIRPORT DEVELOPMENT

Attachment A



Attachment A LAST DEVELOPABLE AREA ON THE AIRPORT...

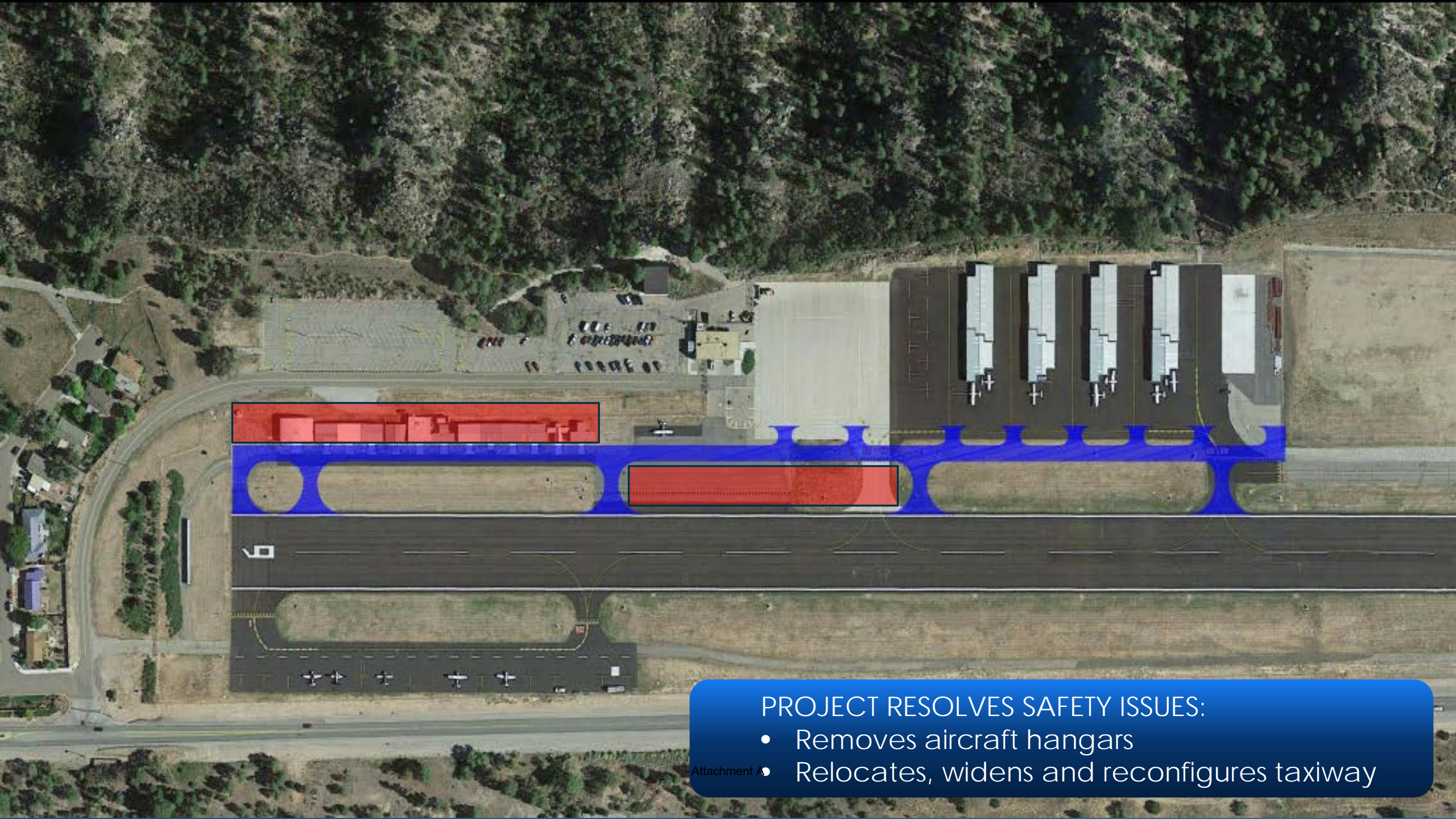


Attachment A

IS LANDLOCKED BY AIRPORT ROAD AND HANGARS

AIRPORT SAFETY AND DEVELOPMENT PROJECT GOALS:

- **Contemplated In Airport Master Plan to Improve Safety and Facilitate Aviation Demand**
 - Approved by County Council and accepted by the FAA
 - FAA and NMDOT Grant Eligible
- **Resolves Safety Compliance Issues**
 - Reduces Risk for Aircraft Operations
 - Improves Future Commercial Airline Opportunities
- **Opens Area For Development to Facilitate Current and Future Demand**
 - Creates Opportunities for Business and Hangar Development
 - Improves Economic Impact Potential



PROJECT RESOLVES SAFETY ISSUES:

- Removes aircraft hangars
- Relocates, widens and reconfigures taxiway



- PROJECT RESOLVES DEVELOPMENT ISSUES:
- Relocates Airport Road and parking lots
 - Opens area for new hangars and businesses

Project Cost, Timeline and Next Steps:

- Estimated cost: \$9.94 million
 - FAA \$8.61 million
 - LAC \$813,169
 - NMDOT \$520,000
- Proposed Timeline:
 - Design 2024
 - Construction 2025 - 2026
- Next Steps
 - Pass Council Resolution
 - Secure FAA Funding

This project requires the partnership of the county, the FAA and NMDOT to be successful. However, if the project is not undertaken, the airport cannot realize its full potential as a transportation facility and economic engine for the community. Therefore, we ask for your support.



Attachment A



Comments / Contacts:

Geoff Rodgers
Airport Manager
Public Works Department
1040 Airport Road
Los Alamos, NM 87544

Phone: (505) 662-8420
Email comments to: lacpw@lacnm.us

Questions?





County of Los Alamos

Staff Report

November 04, 2021

Los Alamos, NM 87544
www.losalamosnm.us

Agenda No.:

Index (Council Goals):

Presenters:

Legislative File: 15095-21

...Title

Public Works Staff Report - October 2021

...Body

The Transportation Board will review and discuss the October 2021 Public Works Project Report.

...Attachments

A - Public Works Report - October 2021

In the Works....

Public Works Monthly Report – October 2021

Administration Division

Transportation Board

Recruiting New Members

The Transportation Board meets the first Thursday of the month at 5:30 p.m. There is currently one vacancy on the board.

The Transportation Board Meeting was held on Thursday, October 7, 2021

The Board discussed the following agenda items:

- The Board welcomed its newest member, Michael Dolejsi.
- Keith Wilson presented the Urban Trail Phase I and II.
- Anne Laurent and Juan Rael presented the LED Light Program.
- Juan Rael presented the FY22 Snow and Ice Control Plan.

Airport Division



GM Emulsions has begun the airport parking lot curbing repair project. This project will improve the appearance of the airport and help with compliance with our Storm Water Pollution Prevention Plan (SWPPP) by channeling run-off.

Department of Public Utilities is trenching to bury the temporary electrical line that was laid above ground to restore power to the east hangars. DPU will also install the electrical hook-up for a future fuel farm project as part of this.

- Facilities crews completed the gas line extension on the hangar for Classic Air Medical. Heaters are already installed, and the propane tank is now ready for placement.
- Clean-up continues the two west hangars recently vacated.

Custodial Division

- The Custodial Division supported 151 events during the month of October as Covid-19 restrictions eased. Masks are required in all County facilities.
- The division continues disinfecting high touch surfaces throughout our facilities and increased the rate back to 2 times per day at the libraries. This is beyond CDC guidelines which only call for one time per day disinfection.
- The following projects were completed during the month of October:
- Finished waxing Art Center classroom floors
- Waxed floors at Police Department
- Shampooed carpets at Fire Station # 3 Training Room
- The Facility Reservations Office is open 5 days per week taking in-person reservations from 10:00 am to 2:00 pm M-F. Fuller Lodge is open to the public between the hours of 7:30 am to 5:00 pm M-F and 9:00 am to 5:00 pm Sat & Sun. A building attendant is stationed at Fuller Lodge on the weekends from 9 am to 5 pm.

Engineering & Project Management

Development Review & Project Support

- **Mirador Residential Subdivision (Tract A-19)** – On October 19, 2021, County Council approved acceptance of Phase I roadway and utility which consists of the eastern portion of the subdivision that includes La Vista Drive north of NM 4, Confianza St. east of La Vista Drive, and Mirador Boulevard east of La Vista Drive to NM 4. Staff continues to provide inspections of ongoing roadway infrastructure construction and participate in project meetings as work progresses within the Phase II and III areas of the housing development.
- **Mirador Mixed Use Development** – The site plan was approved by the Planning and Zoning Commission on December 9, 2020. Staff has reviewed a preliminary grading, drainage and pedestrian access plan and provided feedback and awaits submission of building permits and final construction plans for official review.
- **Marriott TownePlace Suites** - The site plan, summary plat and height waiver were approved by the Planning and Zoning Commission on January 13, 2021. The developer submitted a building permit application in late July with conditions of approval provided by Public Works.
 - **Trinity/20th Street Intersection Traffic Signal** – In accordance with the Project Participation Agreement between the County and the land developer, the County is responsible for the design and installation of a traffic signal at this intersection. Staff is coordinating with our on-call engineering consultant and NMDOT staff to update the traffic study to comply with NMDOT's permitting requirements for the new traffic signal installation. Staff awaits a project timetable from the development team to coordinate the signal design and installation schedule. Funding for the installation is included in FY21 budget.

- **DP Road**

- **Canyon Walk Apartments (Tract A-9)** – Staff continues to attend weekly construction progress meetings with the development team as scheduled. Roadway construction is near completion with portions of sidewalk and curb and gutter remaining to close out the roadway construction aspect of the project. As the development team is working to obtain certificates of occupancy for the buildings, they have proposed design changes to the storm water detention area. The new design has been reviewed by staff with minor comments provided. Staff awaits the submittal of the final amended storm drainage plan for construction.
- **Bluffs Senior Housing (Tract A-8-b)** – The site plan application was approved on September 23, 2020, by the Planning and Zoning Commission. Crews with the development team has begun site clearing and grading on September 28, 2021.
- **Phase II Infrastructure** – FY21 funds in the amount of \$4.5M is programmed for roadway and utility infrastructure improvements on DP Road from the Bluffs site east to the road terminus at the TA-21 gate. Project design progresses to the 60% development stage. A meeting and site visit was held with DOE, N3B, and CDD staff to discuss best management of storm water from the roadway along with potential future development of the A-16 site. The final design is expected to be completed by the end of 2021 or early 2022, with construction beginning in Spring 2022 and completed by the end of 2022.
- **The Hill Apartments (Tracts A-12/13)** – A pre-construction meeting was held between the developer and the County on April 19, 2021. Staff approved the building permit applications in May 2021 with conditions and comments noted. A follow-up meeting was held on August 12th between County staff, the contractor, and the developer's site engineers to discuss inspection requirements and roles and responsibilities. Construction is underway with developer currently performing earthwork and installation of utility infrastructure.
- **Trinity/35th Street Intersection Improvements** – An Access Permit from Trinity Drive to the site was issued by NMDOT on May 12, 2020. The associated road diet configuration for Trinity (NM 502) was approved by County Council on June 9, 2020 and implemented by NMDOT. As a condition of the access permit, the County is required transfer of a portion of right-of-way to NMDOT. Staff has completed the ROW mapping per NMDOT requirements and is working with NMDOT staff on drafting an agreement for the dedication. Construction of these offsite improvements for the Hill Apartments are anticipated to begin in early 2022.
- **Ponderosa Estates Phase 3** – The subdivision plan was approved by the Planning and Zoning Commission on October 28, 2020. Staff awaits construction drawings and final reports for review.
- **Arkansas Townhomes** – Staff has conducted construction inspections/site meetings for the project for the storm drain system and to review existing roadway on Arkansas prior to contractor beginning water line trenching and excavation.

Canyon Rim Trail Phase 3 (Canyon Rim Trail – West)

The land acquisition process is underway with legal staff assisting with drafting the required documents to acquire the required land through easement. Final design efforts will commence once the easement acquisitions progress.

Finch St. (Road connection from 35th St. to LAMC)

Staff completed boundary surveys for LAMC in May 2021 for the required land acquisitions and mapping. County legal staff continues to discuss required land acquisitions with LAMC and drafting legal documents as the land appraisal is in process. The design will be finalized once progress has been made on land transfers.

Urban Trail Design

- Phase I – Trinity to Spruce St.: Staff has begun the design and drafting work with the funding agreement from NMDOT received and fully executed. A task order with Wilson & Company to complete the Environmental Analysis has been executed.
- Phase II – Spruce St. to Aquatic Center: Funding Agreement and purchase order for design has been received from NMDOT. A task order with Wilson & Company has been executed for Design and Environmental Analysis.

A project presentation and public input meeting was held at the October 7, 2021, Transportation Board Meeting. Public comments are under review by the design team as project design is nearing the 30% completion stage. Design for both phases is expected to be completed by May 2022. Phase I and Phase II are planned to be bid as one construction project, with construction commencing in the Spring of 2023.

North Mesa Road & Utility Improvements – Casa de Oro

Work began on May 4th with concrete, asphalt paving, and utility work. Work is nearing completion with final completion scheduled in November 2021.



Canyon Rim Trail Underpass

The project is nearing completion as crews work on completing punch list items. The trail underpass and trailhead parking area are scheduled to be open for use by the public on October 29, 2021. A ribbon cutting ceremony is anticipated to be scheduled in early December.



Wayfinding Sign Installation

The awarded sign manufacturer is working on obtaining their New Mexico business license and registration through the Secretary of State's Office. Once the sign fabricator has all necessary business documents from the state, they can begin to fabricate and deliver the signs for installation by County Traffic and Streets crews.

Sherwood Boulevard Improvements

The County has budgeted FY 2021 CIP funds for drainage and road improvements to Sherwood Boulevard from Grand Canyon Drive to Aztec Avenue. On September 28, 2021, Council approved the construction bid for the project to Star Paving Company. Construction is anticipated to begin in Spring 2022 and continue into Summer 2022.

33rd/34th Street Loop Roadway & Utility Improvements

Project design is anticipated in late 2021 with construction commencing early 2022. Geotechnical investigations required for project design has been performed and project design is in process by Engineering staff.

Trinity Drive Safety & ADA Improvements – Oppenheimer to Knecht St.

Project design and construction is entirely funded with federal and state safety funds. An RFP for design services was advertised on September 8th with proposals received on October 19th and are under evaluation. Upon evaluation committee selection, a recommendation of award to Council is anticipated in December.

Deacon Street Improvements

Public Works and Economic Development staff are finalizing a scope of work for roadway and utility infrastructure improvements in preparation for contracting professional design services for the project. Meetings with a variety of business community stakeholders will be scheduled to help with formulating the design scope.

Golf Course Site Development Improvements

The design consultant performed a project presentation to the Parks and Recreation Board on May 13th to review and discuss these latest design concepts, costs, and project priorities. The board provided positive feedback and recommendations. However, since that time the golfing community requested additional opportunities to obtain information and provide feedback. In response, on July 16th, staff and the designer held a meeting to provide background information and listen to concerns. To help address the concerns expressed, a subsequent public meeting and Parks & Rec Board presentation was held on October 12th and October 14th, respectively, to review information and obtain input on various project scenarios. Staff is working on obtaining more information from a design professional in response input received. As a result, a recommendation from Parks & Rec Board will be requested at their December 9th meeting with a presentation and request for direction to Council to follow in January.

Fire Station 3 Boiler Replacement

This is a FY21 project funded through the Major Facilities Maintenance (MFM) Program. Design work is complete. This replacement will occur in combination with the Secondary Dispatch Project in an effort to acquire more interest and better pricing through an economy of scale experienced with larger projects.

Fire Station 3 Secondary Dispatch

Staff is working with Police Department and Emergency Management personnel to create a secondary dispatch area within Fire Station 3. Final design is complete. The project was advertised for construction bids on August 12th, in conjunction with the Boiler Replacement Project as noted above. Due to the low response and high bids received, the project will be re-advertised for bids on October 28th.

Betty Ehart Kitchen Equipment Upgrade

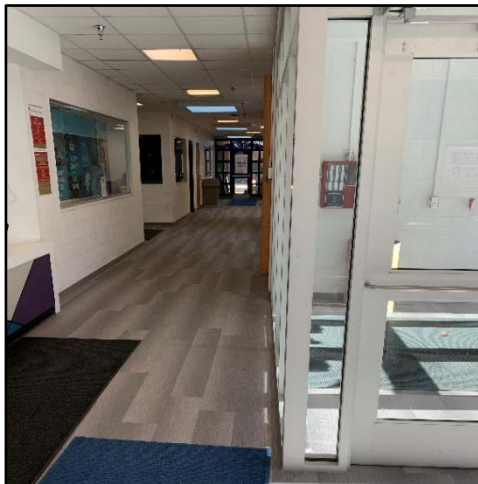
State capital outlay funds were appropriated for the project. Staff is preparing to execute a design task order to commence design.

Municipal Building Server Room CRAC Units

This new air conditioning system will provide longer and more consistent service to the server room to ensure proper operation and reliability of the county's computer servers. Value engineering options to reduce project costs and disruption during construction have been incorporated in the final design. A contract for equipment installation is being drafted utilizing a state General Services Agreement with Council approval anticipated in December.

Leisure Lagoon

Crews continue to construct the new Leisure Lagoon addition masonry block walls, insulation, plumbing and electrical installations, along with site grading and backfilling. Crews have also replaced the Olympic pool filtration system, installed new fire sprinkler heads and improved the entryway, making the front desk more customer friendly and ADA accessible and along with new flooring. Staff and contractor continue to work through challenges of upgrading existing pool systems and coordinating work with keeping the main facility open. Substantial completion of the building addition is anticipated for January 2022.



Sunflower Art Installation

Staff is assisting CSD staff with drafting an RFP to procure services for the installation.

Eco-Station Household Hazardous Waste Building

This project proposes to design and build a more permanent structure for storing household hazardous waste adjacent to the transfer station. Given the lease agreement with DOE for the site, staff has engaged DOE and completed DOE's approval and permitting process so that work can proceed to the next phase. Staff is working to develop a site plan for grading, drainage, and structure placement. A bid document to procure the prefabricated metal buildings is also in process.

Piñon Park Splash Pad

Colorful artwork has been installed at the splash pad. Kudos to the artist, CSD staff and Anthony Strain for coordinating the successful installation.



Fuller Lodge Log & Window Restoration & Art Center Canopy

The construction contract for log and window restoration work is in the under legal and procurement review. Once approved and a purchase order issued, a schedule of work will be reviewed along with weather considerations.

WAC Building

A public input and involvement plan has been finalized. Public meetings with Boards & Commissions and residents will be commence in late November and early December 2021.

Upcoming Facility RFPs and Task Orders

- Tween Center
- RFP's response proposals for On Call Architectural & Engineering Services and Facility Construction & Maintenance Services were received and contracts will be drafted for an anticipated multiple firm award item for Council consideration in November/December timeframe.
- Facility Condition Assessment: A task order will be drafted for one of the successful on-call A/E services on the above item.
- Los Alamos Community Recreation Space – Design is funded through a \$350,000 State Capital Outlay Appropriation. The project consists of a gymnasium built in coordination with the Los Alamos Public Schools to support County recreation programs and allow LAPS programmatic use during school hours. The county received the fully executed grant agreement early March 2021. The funding agreement and Notice of Obligation must be acquired and submitted prior to design services commencing. Planning meetings with LAPS and CSD staff have been held to discuss and formalize a scope of work. Staff also obtained further input on the scope of work from the School Board at their July 13th meeting and on August 31st to obtain further input and direction from Council. A design scope of work is in process utilizing an on-call design contract.
- Community Recreation Space in White Rock – Design is funded through a \$600,000 State Capital Outlay Appropriation that was approved by Council on October 19th. A similar effort to develop a design scope with CSD and LAPS staff is in process.

- Staff is awaiting a quote via an on-call contract for the removal of concrete overlook balconies behind the Airport Incinerator Building.
- LA Little Theatre Fire System, Electrical, Plumbing Improvements – The design effort is programmed and funded in the FY22 Major Facility Maintenance program. Meetings with stakeholders are being held to assess needs and develop a design scope of work using on-call design contract.
- New Tennis Courts – The design effort for this project is funded with \$150,000 in County CIP funds. A kick-off meeting is being scheduled with various stakeholders including CSD staff for the development of a design scope of work.

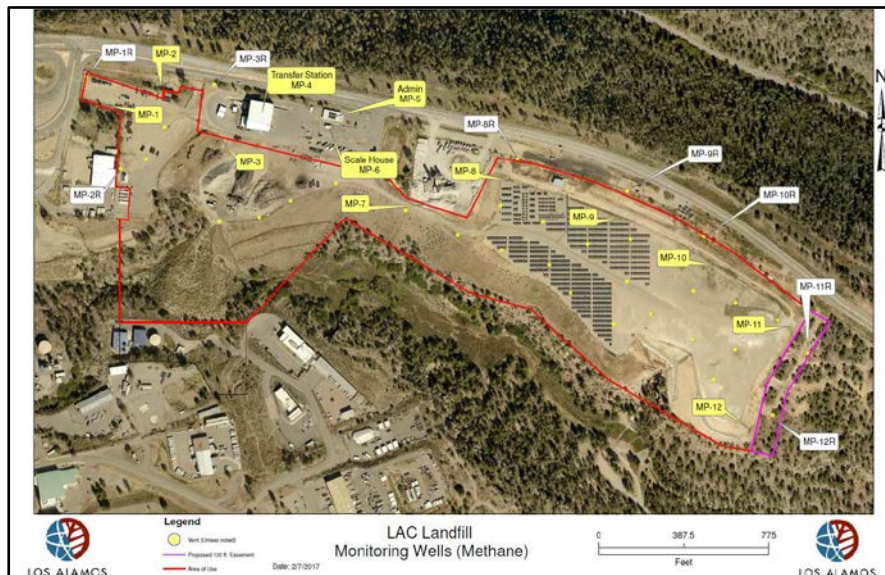
Environmental Services

Los Alamos County Landfill Gas (LFG) Update

With the installation of the Landfill Gas Control and Collection system, the methane concentrations are in compliance with NMED Solid Waste Rules. Environmental Services received approval from New Mexico Environment Department (NMED) to reduce monitoring from weekly to quarterly as prescribed by NMAC Solid Waste Rules.

Environmental Services submitted the third quarter 2021 Landfill Methane Probes Report to NMED.

- The concentration of methane generated by the facility did not exceed 25 percent of lower explosive limit (LEL) for methane in facility structures (excluding gas control or recovery system components) and was shown to be compliant with 20.9.5.9(B)(1) NMAC. Methane readings at all buildings/on-site structures were 0.0 percent methane in air during the quarterly monitoring; and
- The concentration of methane did not exceed the LEL at the facility property boundary and therefore shown to be compliant with 20.9.5.9(B)(2) NMAC. Methane readings at all gas probe locations were 0.0 to 0.1 percent methane in air during the quarterly monitoring.



Environmental Services Division mission is to provide exceptional solid waste and sustainability services to create a better community for current and future generations. A large part of the daily operations is to provide excellent customer service both administratively and in the field setting. Below is a chart of the number of customers we served in September 2020 and September 2021. The number of customers served in 2020 was higher due to the COVID pandemic, many residents were home and occupied their time by cleaning up garages, sheds, homes and yards and visited the Eco Station more often.

CUSTOMER SERVICE	NUMBER OF CUSTOMERS SERVED (SEPTEMBER 2020)	NUMBER OF CUSTOMER SERVED (SEPTEMBER 2021)
Email (Solidwaste@lacnm.us)	37	25
Online Roll Cart Requests	105	36
Recycle Coach App	23 New Subscribers 1,349 Total Users 9,917 Resident Interactions	12 New Subscribers 2,067 Total Users 12,083 Resident Interactions
Overlook Customers	333 Monthly Customers 16 Customers Daily (Average)	280 Monthly Customers 14 Customers Daily (Average)
Transfer Station Visitors	2,416 Monthly Customers 88 Customers Daily (Average)	2,032 Monthly Customers 68 Customers Daily (Average)

Recycle Coach



From September 1 – September 31, 2021, there were 12 new subscribers on the Recycle Coach app, with a total of 2,067 total users and 12,083 resident interactions. The Recycle Coach app is a great asset for residents to check collection schedules and use the 'What Goes Where' search tool for recycle questions. The number one interaction is reminders and notifications which accounted for 7,758 reminders, 3,573 notifications, followed by 298 material searches such as household batteries, shredded paper documents, and furniture items.

Household Hazardous Waste Program



Environmental Services provides residents with a household hazardous waste program for items such as paints, stains, pesticides, herbicides, cleaners, etc. The program is open to receive household hazardous waste on Fridays and Saturdays only from 9:00am to 3:00pm. During the month of September approximately 85 residents utilized the program and managed their household hazardous waste responsibly.

Yard Trimming Program

Approximately 4,916 (72%) households have received yard trimming carts since the program commenced. Environmental Services started collection on March 15 and has collected 643 tons of residential yard trimmings this year. The program goes through December 10th and will resume in Spring 2022. The yard trimming material is turned into mulch and is available for residents and businesses for use in landscape projects. A portion of the mulch material is sent to Bayo Canyon and is used for the bio-solid compost program.

Environmental Sustainability Board

The ESB meeting, October 16, 2021, was conducted using the hybrid model of in-person and via Zoom to comply with the decision made at the July ESB Meeting. The Board received a presentation from Alesia Benson on Bee City programs. They received a presentation on the use of pesticides in Los Alamos County from Cory Styron and Dianne Marquez of the Community Services Department. The Board also considered a recommendation to ban the use of Glyphosate on County lands and voted 5-0 to recommend to County Council to: 1) Require pesticide application information (including area to be sprayed and product) to be posted in one designated county website location 72 hours in advance whenever possible or within 24 hours of application for each application and for at least 6 months after the application including the Department of Agriculture Pesticide Application Record for the particular application. 2) Stop use of any herbicide containing glyphosate on County land. 3) Prioritize and support expansion of Integrative Pest Management efforts by relevant departments to continue to actively decrease the amount and frequency of chemical use on County land.

Los Alamos Resiliency, Energy, and Sustainability Task Force

LARES heard a presentation for Ed Mazria of Architecture 2030 regarding Green Building Design standards that are proven to be extremely effective in reducing greenhouse gas emissions. Additionally, LARES has been engaging with County staff in effort to gather feedback on the interim report recommendations. LARES hosted a Virtual Town Hall Meeting on October 27, 2021.

Bear Resistant Roll Carts

In August 2021, Environmental Services received 300, 96-gallon semi-automated bear resistant roll carts that were purchased with grant funds from the New Mexico Department of Game and Fish. As of October 21, approximately 139 carts have been distributed to residents that requested them. Environmental Services receives requests for these carts daily.

Welcome to New Equipment Operator



Environmental Services would like to welcome our new Equipment Operator, Joseph Sanchez. Joseph was an operator for North Central Solid Waste in Espanola for 8 years and a laborer for 2 years. Please join us in welcoming Joseph to the team.

Residential Sustainability Report



Residential Sustainability Report

Service Period: September 2021

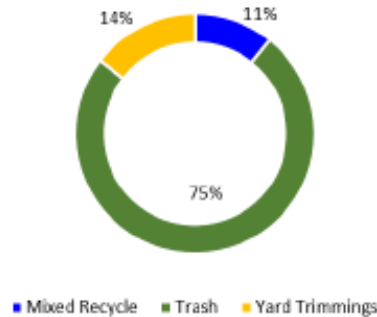
September Diversion Rate: 25%



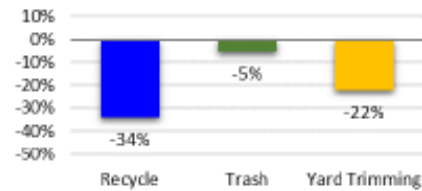
LOS ALAMOS

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

Monthly Collection Report

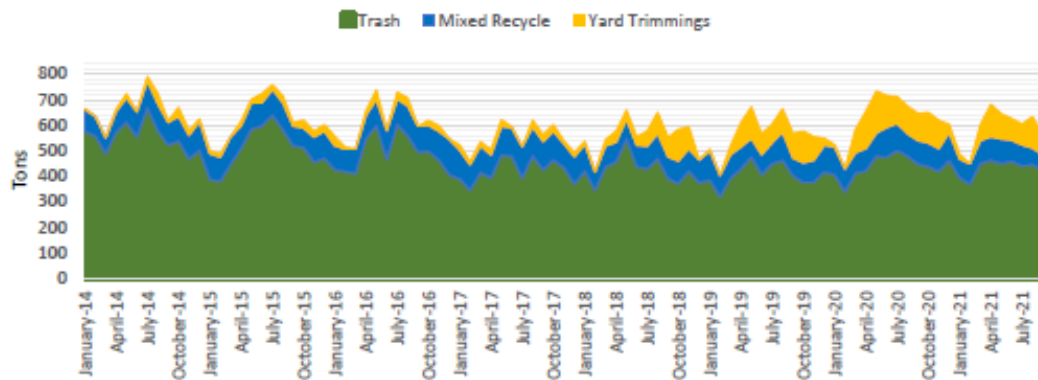


% Change Previous Year

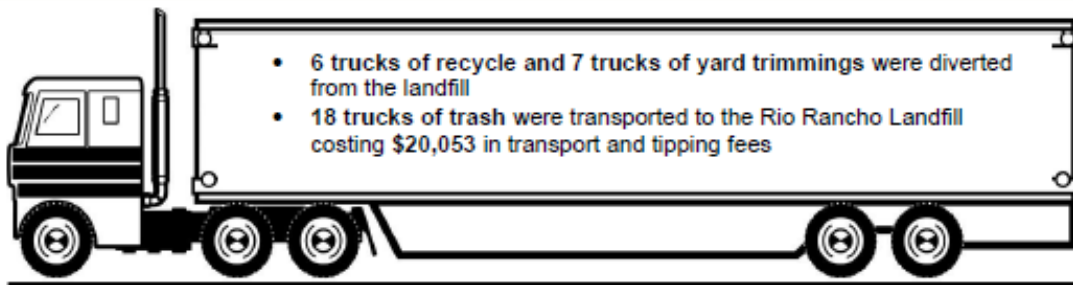


	Sep-20	Sep-21
Yard Trimming	106.42	82.84
Recycle	92.53	61.04
Trash	447.95	423.75

In September by recycling and composting Los Alamos County reduced GHG emissions by ~372 tons

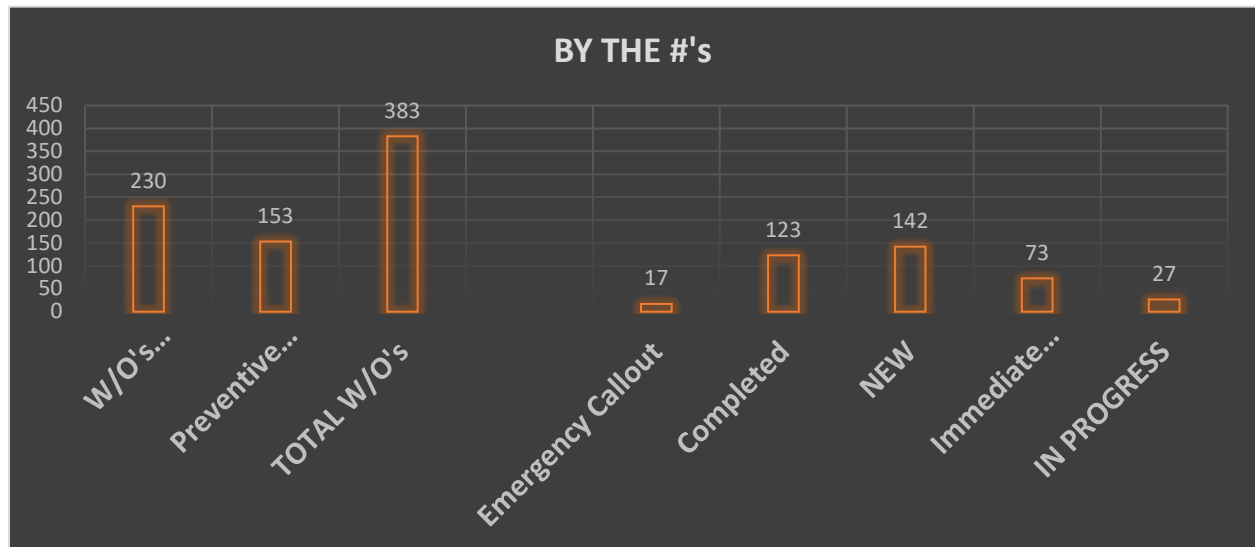
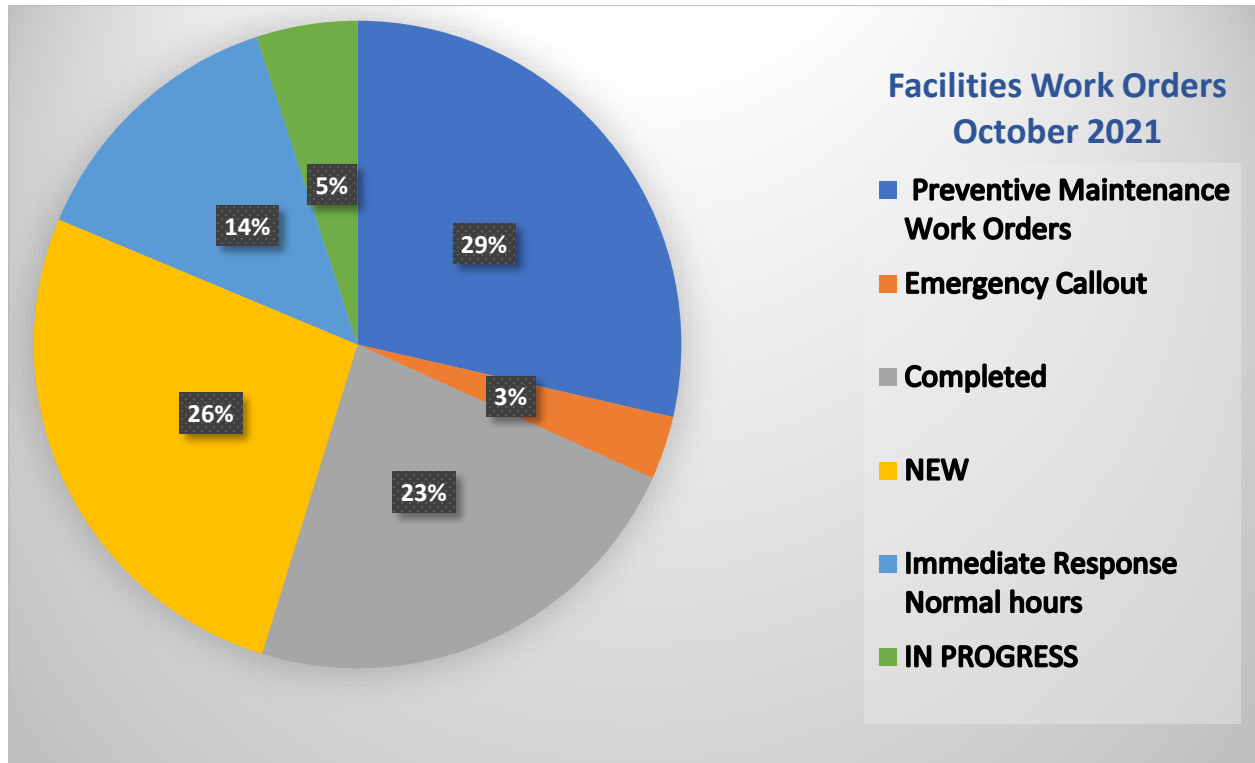


In 2021 by recycling and composting Los Alamos County reduced GHG emissions by ~3,837 tons



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

Facilities





PCS-1 – Replaces boiler for Heating loop for VAV Boxes



Ice Rink – Repair threshold for Zamm Gate and change out kick plates.



Ice Rink gutter install. We had new gutter installed on the new building so water does not drip on spectators.

Fleet

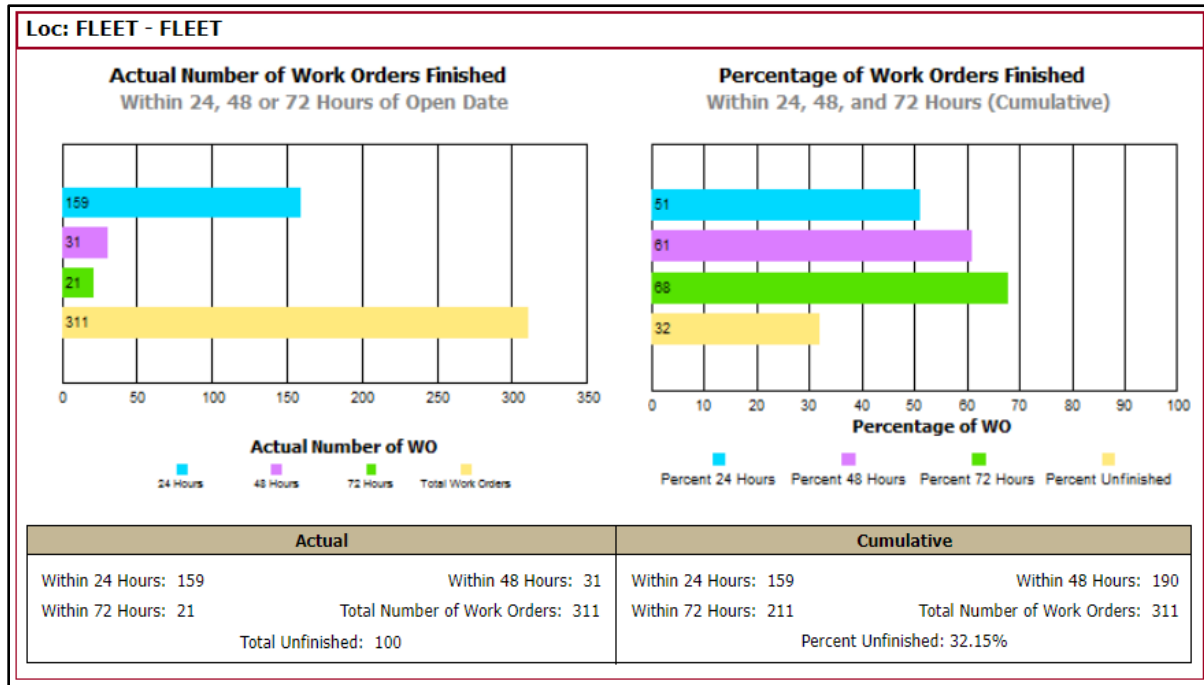
Fleet Work Orders: By the Numbers . . .

New Work Orders Received and Entered in September: 311

Work Orders Closed in 72 hours or less: 211

Work Orders Closed in 3-30 days: 71

Work Orders that Remain Open: 29



This past month was extremely busy at fleet, this is one of the few months that we received over 300 work orders. The crew did an excellent job in trying to get all repairs completed in a timely manner and want to thank everyone for being patient and understanding with us.

As Fleet Manager I want to personally Thank Fleet Staff for all the hard work they do because without them all this would not be possible.



We received a replacement street sweeper for T&S which will be in service soon.



Fleet is starting to transition from summer into winter. We started bringing in the plow trucks and snowblowers. We also serviced and completed repairs on the Ice Rink equipment.



Andrew and Matt had some hands-on training on the Transit Avail system. They learned how to program, diagnose, and repair the various components.



Fleet mechanics and staff from Traffic & Streets attended operator and maintenance training on the new sweeper.

Annette Granillo and Charles Flowers presented a Customer Service coin to Matt Lengyel for his work installing new head signs on 3 of the Transit buses.



Traffic and Streets Division



Crews removed and replaced segments of concrete in White Rock.



Crews repaired sections of sidewalk in White Rock.



Crews patched asphalt on the bus lane at Barranca School.



Crews repaired a section of the parking lot at Pajarito Cliffs site where a sink hole was identified.



Crews repaired a section of sidewalk on Sandia Dr.



Crews relocated a school flasher further east on Barranca Rd, near Barranca Elementary School.



Crews milled and replaced a section of asphalt on 45th Street near Yucca Drive.

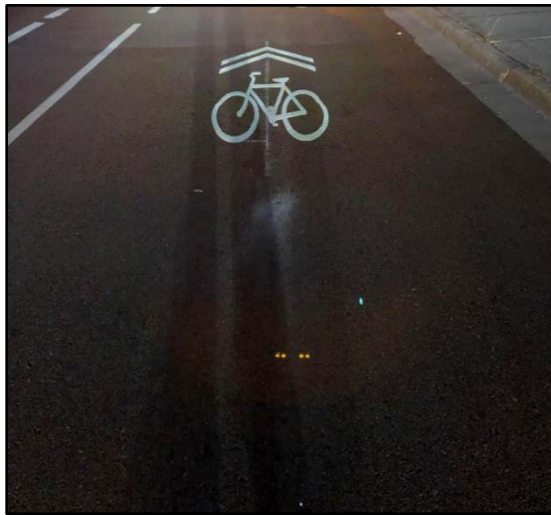


Crews installed a new transformer to repair precision approach pathway indicator lights (PAPI) at the Airport.



Traffic and Streets Division hired Mario Pratti, Signs and Markings Tech I. Welcome aboard!

Crews also installed 2 new sharrows on Canyon Road near the intersection of Diamond Dr.



The Signs and Markings crew have been cleaning curbs and parking lots countywide so painting contractor, can paint the county owned curbs and parking lots.



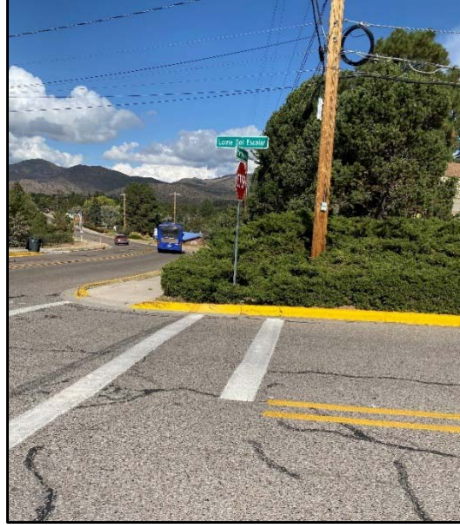
Crews removed an elm tree at the intersection of Grand Canyon and Beryl



Crews replaced segments of concrete and sidewalk in White Rock.



Crews replaced a section of sidewalk on Rover Blvd.



Crews performed right of way maintenance on Loma de Escolar

Transit

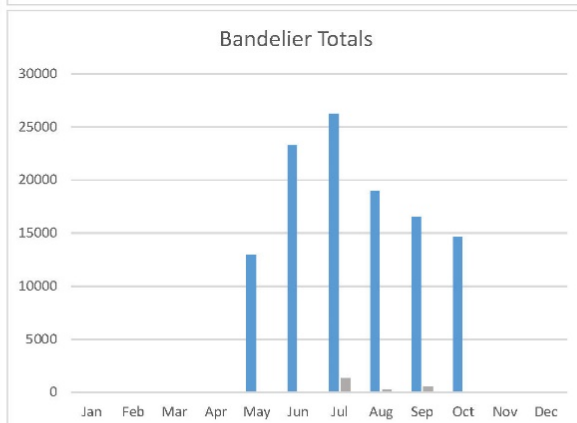
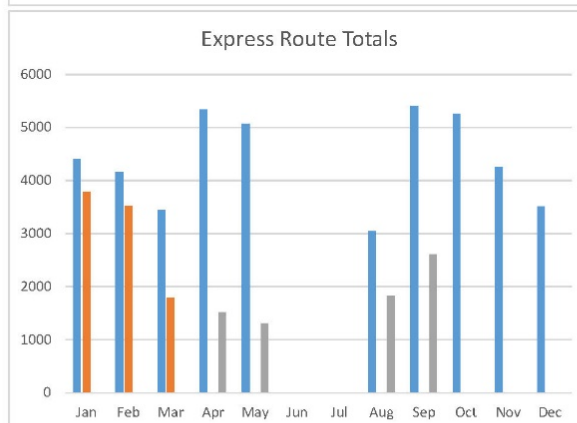
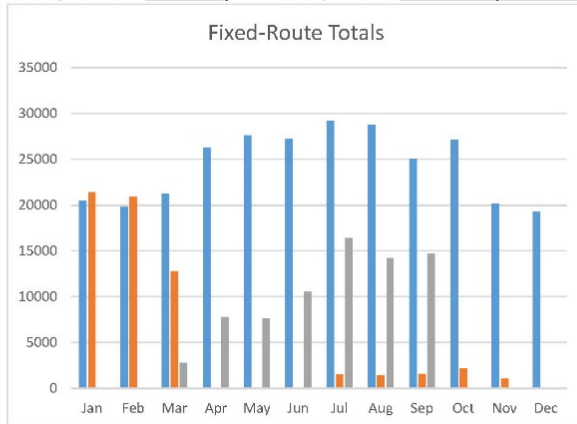
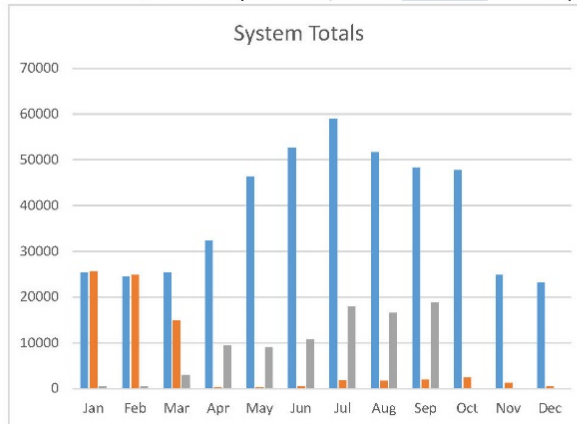
Atomic City Transit has continued regular service hours and routes from 6:00 am to 7:30 pm Monday through Friday excluding peak services. Ridership is continuing to grow as these services return to pre-pandemic service levels. For the month of August 50.3% of ridership returned from August 2019. For the month of September, we have regained 58.6% of ridership from September 2019.



September 2021 Ridership Report

LOS ALAMOS

Route	September Trips				Sep Rev. Miles			Sep Rev. Hours			YTD Trips
	2019	2020	2021	% Chg (from 2019)	2019	2020	2021	2019	2020	2021	
1 Downtown	5,523	701	3,717	-32.7%	3,605	2,814	3,672	298.7	213.5	273.0	21,461
2M White Rock - Main Hill	2,615	498	876	-66.5%	7,178	5,849	4,945	270.7	221.2	187.1	8,750
2T White Rock - Truck Rt	1,470	333	1,365	-7.1%	6,623	5,374	7,022	261.0	205.1	274.1	6,131
2P White Rock - Peak	582	-	-	0.0%	2,816	-	-	104.0	-	-	-
3 Central / Canyon	2,691	-	1,962	-27.1%	5,083	-	5,229	254.0	-	263.1	8,249
4 North Community	3,149	-	2,067	-34.4%	3,683	-	4,071	260.0	-	272.5	9,393
5 Barranca Mesa	1,706	-	1,181	-30.8%	4,047	-	4,242	257.7	-	270.0	5,272
6 North Mesa	7,327	-	3,526	-51.9%	5,732	-	3,917	387.7	-	273.4	14,636
Fixed-route subtotal	25,063	1,532	14,694	-41.4%	38,766	14,036	33,097	2,093.7	639.8	1,813.1	73,892
7 North Mesa Expr	1,386	-	901	-35.0%	356	-	365	21.5	-	37.3	2,848
8 North Community Expr	898	-	292	-67.5%	128	-	135	8.7	-	8.1	829
9 Aspen Expr	996	-	435	-56.3%	99	-	109	7.0	-	6.3	1,105
10 Barranca Expr	1,115	-	335	-70.0%	165	-	177	10.3	-	9.8	1,359
11 White Rock Expr	1,014	-	646	-36.3%	336	-	358	13.3	-	14.0	1,108
Express route subtotal	5,409	-	2,609	-51.8%	1,085	-	1,143	60.9	-	75.4	7,249
12 Bandelier	16,512	-	530	-96.8%	14,346	-	3,649	555.3	-	142.8	2,114
Dial-a-Ride	120	-	127	5.8%	784	-	718	40.4	-	30.6	434
ACT Assist	379	97	181	-52.2%	2,917	629	3,587	187.0	25.7	176.0	1,162
Special Services	834	238	697	-16.4%	333	1,256	1,128	26.0	207.3	51.4	1,564
System total	48,317	1,867	18,838	-61.0%	58,231	15,921	43,323	2,963	873	2,289	86,415



■ 2019 ■ 2020 ■ 2021

Total Passenger Trips to Date: 5,813,126

Atomic City Transit demand response service returned to service for persons with disabilities as day-time Dial-A-Ride was removed as fixed route services were provided. This service is vital for citizens that are unable to use the fixed route service, we provide curb-to-curb service, providing much needed independence to our citizens.

Atomic City Transit - Demand Response Ridership and Statistics

Start Date 9/1/2021
End Date 9/30/2021

	Total Demand Response	DR % Growth (Prev. Mo.)	ADA % Growth (Prev. Mo.)	Total ADA-Related	Total DAR	Daytime DAR	Evening DAR
NTD Service Information							
Vehicles operated in max Svc	3	50.00%	0.00%	2	2	2	1
Unlinked Passenger Trips (UPT)	308	20.78%	2.84%	181	127	97	30
Total Actual Vehicle Miles (VM)	3,039.00	14.42%	4.23%	3,587.16	919.21	572.21	347.00
Total Actual Vehicle Hours (VH)	192.26	26.94%	4.28%	175.97	45.87	21.54	24.33
Total Actual Revenue Miles (RM)	2,267.00	22.14%	4.23%	3,587.16	718.21	572.21	146.00
Total Actual Revenue Hours (RH)	206.58	11.69%	4.28%	175.97	30.61	21.54	9.07
Passenger Miles	1,974.46	53.34%	12.15%	1,047.16	927.30	809.02	118.28
Passenger Hours	81.55	41.11%	12.01%	46.72	34.84	30.07	4.77
Service Days	21.00	-4.55%	-4.55%	21	20.00	20	18
UPT per RM	0.14	-1.11%	-1.33%	0.05	0.37	0.17	0.21
UPT per RH	1.49	8.14%	-1.38%	1.03	7.81	4.50	3.31
UPT per Service Day	14.67	26.54%	7.74%	8.62	6.35	4.85	1.67
Companions	32	433.33%	0.00%	9	23	18	5
PCAs	19	375.00%	300.00%	16	3.00	3	-

Scheduling Stats - Performed Trips							
Subscription	144	-11.66%	-18.99%	128	16	16	-
One Way Trips Requested	397	22.53%	18.98%	257	140	115	25
One Way Trips Performed	257	4.90%	-9.30%	156	101	76	25
Advance Reservation	130	16.07%	-1.08%	92	38	38	-
Same Day Reservation	47	-4.08%	0.00%	-	47	22	25
Manually Scheduled	32	146.15%	137.50%	19	13	12	1
Automatically Scheduled	225	-3.02%	-16.46%	137	88	64	24
Pickup-based Trip	187	10.65%	-2.78%	105	82	57	25
Appointment-based Trip	70	-7.89%	-20.31%	51	19	19	-

Capacity Metrics (ADA Requests)			
Valid Pickup Negotiated	110	0.00%	0.00%
Invalid Pickup Negotiated	-	0.00%	0.00%
Valid Dropoff Negotiated (Apt Trips)	79	6.76%	6.76%
Invalid Dropoff Negotiated (Apt Trips)	-	0.00%	0.00%
Non-Missed Trips	156	-9.30%	-9.30%
Missed Trips	-	0.00%	0.00%
On-Time Appointment Dropoffs	73	23.73%	23.73%
Late Appointment Dropoffs	2	0.00%	0.00%
Early (>30 min) Appointment Dropoffs	12	-25.00%	-25.00%
On-Time Pickup Arrival	118	-16.90%	-16.90%
Excessively Late Arrivals (>15 Min)	4	0.00%	0.00%
Early Pickup Arrivals (>5 Min)	9	50.00%	50.00%
Travel Time <= Fixed Rt Estimate	152	-8.98%	-8.98%
Travel Time Over Fixed Rt Estimate	-	0.00%	0.00%
Travel Time <= 45 Minutes	153	-10.00%	-10.00%
Travel Time > 45 Minutes	3	50.00%	50.00%
No Capacity Issues	688	-4.97%	-4.97%
Capacity Issues	27	22.73%	22.73%



Although many areas around the state and nation have removed the use of face coverings requirements as well as social distancing, Atomic City Transit will still require a face covering to board and ride the system. Federal mandate requiring use of face coverings has been extended through January 2022. We also encourage social distancing when possible.

Atomic City Transit continues to train our drivers in CPR and 1st aid. A training session was held on Saturday September 25, 2021 and a second class on Saturday October 23, 2021.



Atomic City Transit provided service to this years Ullr Fest on October 2, 2021. COVID safe practices were performed and attendees enjoyed the day.



Although ridership was lower than in previous years for both the bus service and attendance to the event. A safe and viable option of transportation was provided for 302 passengers.

Ridership for Ullr Fest 2021

Date	Vehicle	Trips	Platform Miles	Platform Hours	Revenue Miles	Revenue Hours	UPT / Rev Mile	UPT / Rev Hour	UPT / Platform Mile	UPT / Platform Hour
10/2/21	4191	72	54	7.58	46	7.42	1.57	9.71	1.33	9.49
10/2/21	4155	130	108	8.25	100	7.75	1.30	16.77	1.20	15.76
10/2/21	4154	100	107	9.02	97	8.50	1.03	11.76	0.93	11.09
10/2/21	Totals	302	269	24.85	243	23.67	1.24	12.76	1.12	12.15



Atomic City Transit welcomed Zafer Batsman from Avail Technologies in training our fleet department and repairing several equipment for GPS services. Thank you Avail for getting us back on the road..

Atomic City Transit advertised a Request for Proposal (RFP) for an update to our Comprehensive Operations Study and Five (5) year Service Plan. Staff is currently reviewing the submittal and should have a selected vendor for the services within the next month, a quick review of our current study can be found on the Los Alamos County website or the link below.

https://p1cdn4static.civiclive.com/UserFiles/Servers/Server_6435726/File/Government/Departments/Public%20Works/Atomic%20City%20Transit/Transit%20Study/Los%20Alamos%20Transit%20Study_FINAL.pdf

Kudos

Kudos to Our Scale Operator

Environmental Services received an email thanking Daylene Lengyel for her excellent customer service

Good morning, Josh,

I just wanted to share how much I appreciate working with Daylene L. She was so helpful dealing with a frustrating situation during a very stress time in my world. I have been trying to work with home improvement workers with less than positive results. She was **professional and pleasant**. She did exactly what she said she would do in the time she stated. She is a breath of fresh air.

Thank you Daylene for helping me with this seemingly small project, it was huge in my mind.

Thanks again,
Pat Cruz