



Leadville Historic Preservation Commission Regular Meeting Agenda

Date: 08-22-23 Time: 4:00pm
 Location: City Hall, 800 Harrison Ave.
 Leadville, CO 80461

(Held In-person AND via Zoom)

Topic: HPC Regular Meeting
 Time: Aug 22, 2023 04:00 PM Mountain Time (US and Canada)

Join Zoom Meeting

<https://leadville-co-gov.zoom.us/j/82976566236?pwd=eUtsbnpaYWh0QXJoS0U5WEZKQU9UQT09>

Meeting ID: 829 7656 6236
 Passcode: 80461

Dial by your location
 +1 719 359 4580 US

Time	Topics & Discussion	Anticipated Action	Discussion Lead
1 min	Call to Order		Chair
9 mins 1 min 1 min 1 min 1 min 5 mins	1. Governance Items: <ul style="list-style-type: none"> ● Roll Call ● Approval of Agenda/Revisions ● Public Comment - Items Not on Agenda ● Housekeeping Items – National Trust Preservation Fund grant award of \$5,000; State Historical Fund Letter of Intent Approved; Metcalf’s new Architectural Historian is Elyse Hoganson 	Motion of approval of agenda and minutes	Chair, Staff
30 mins 10 mins	2. Updates: <ul style="list-style-type: none"> ● A. State Historical Fund/Other Grant Options 	*Items for formal vote	Staff, Commission Members
85 mins 25 mins 20 mins	3. New/Continued Business: <ul style="list-style-type: none"> ● A. Lake County Search and Rescue Telecommunications Facility - Section 106 Review Invitation to Comment; 700 E. 10th St. ● B. Develop a Mission Statement 	*Items for formal vote	Staff, Commission Members
	4. 2023 Goals: <ol style="list-style-type: none"> 1. More Diversity in our Outreach 2. Historic Revitalization grants for prominent buildings on Harrison, to help preserve rapidly deteriorating buildings. 3. BE MORE VISIBLE: Open houses, get logo out. 4. Summer Historic Home Tour 		
1 min	Adjourn:		Chair, Staff

Next Meeting: September 12th, 2023 –

National Trust Preservation Fund grant

5 messages

Lori Tye <adminassistant@leadville-co.gov>

Thu, Aug 10, 2023 at 3:25 PM

To: Marcia Martinek <marciamartinek@gmail.com>, Stephen Whittington <whittisl@gmail.com>, Scott Spillman <scottspillman@gmail.com>, life101tx <life101tx@gmail.com>, mick Lindquist <mick@timberlineleadville.com>, Curt Fladager <cflad@hotmail.com>, Nancy Bailey <Director@leadvillemainstreet.org>, Mark's <mlmconstruct@comcast.net>, Stuart Francone <stuartfrancone@gmail.com>, Chapin LaChance <planningdirector@leadville-co.gov>, Laurie Simonson <cityadmin@leadville-co.gov>, Greg Labbe <lvmayor@leadville-co.gov>

Hello HPC,

Some very exciting news, I received this email this afternoon:

Dear Lori:

It is a pleasure to inform you that City of Leadville has been awarded a \$5,000.00 grant from the National Trust Preservation Fund to support your Leadville National Historic Landmark Survey. The National Trust is very supportive of this worthwhile preservation initiative and we hope that this financial commitment will assist your organization in raising any additional funds needed for this effort.

Our grants office will contact you shortly to request additional information needed before we can send a grant agreement and arrange payment to your organization. Should you have any questions, you can reach our grants staff at grants@savingplaces.org. We are pleased to assist in your preservation project and trust that this grant will prove valuable to your efforts.

All the best,
Renee Kuhlman
Senior Director of Outreach and Support

Grants Office
E grants@savingplaces.org

NATIONAL TRUST FOR HISTORIC PRESERVATION
600 14th Street NW Suite 500
Washington, DC 2005
www.SavingPlaces.org

Chapin will update City Council on the news at next week's City Council meeting during his Planning Dept report, as well as the total amount the HPC has received in grants this year - **\$34,500**.

GREAT JOB HPC!!! CONGRATULATIONS!!



Thanks,
Lori Tye
Administrative Assistant, City of Leadville
(719) 486-2092
800 Harrison Ave.,

State Historical Fund Letter of Intent Approved

5 messages

Andres Borunda <andres.borunda@state.co.us>
To: "adminassistant@leadville-co.gov" <adminassistant@leadville-co.gov>

Fri, Aug 11, 2023 at 9:23 AM

To: Lori Tye

Thank you for submitting your letter of intent. Your project is eligible to apply for a competitive grant. The grant application will be available through your [applicant portal](#) starting on August 1, 2023. The grant application deadline is Monday, October 2, 2023 at 12:00 pm (noon) mountain time. You may submit a draft of your application before September 11, 2023.

Please see below for feedback from staff.

Reviewer 1:

Work is eligible to apply for funding.

Reviewer 2:

Proposed project follows Leadville's survey plan recommendations to survey the next 2 highest priority areas. The historic context for the NHL district is also high priority. Great to see translation included as well. Recommend getting more than one proposal if possible to compare the estimated costs for this large of a project.

If you have any questions, please let us know.

Best,

Andrés Borunda

Preservation Engagement Coordinator

History Colorado

1200 Broadway, Denver, CO 80203

Direct: (720) 425-4955 | [historycolorado.org](https://www.historycolorado.org)

Schedule a meeting with me by clicking on this link: [Andrés's Meeting Calendar](#)

Under the Colorado Open Records Act (CORA), all messages sent by or to me on this state-owned e-mail account may be subject to public disclosure.

Lori Tye <adminassistant@leadville-co.gov>
To: Scott Spillman <scottspillman@gmail.com>

Fri, Aug 11, 2023 at 10:29 AM

FYI -

[Quoted text hidden]

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Respectfully,
Lori Tye

Education

Master of Historic Preservation, 2020

University of Georgia, Athens, GA

Bachelor of Arts in Art History and Public History, 2017

Georgia College & State University, Milledgeville, GA

Professional Experience

Current

Metcalf Archaeological Consultants, Golden, CO

Architectural Historian II

Responsibilities: Historic and architectural research, architectural resource survey, eligibility determinations, and report composition.

July 2020-July 2023

Environmental Corporation of America, Alpharetta, GA

Project Manager-Architectural Historian

Responsibilities: Project management, Section 106 and NEPA compliance research, field photography, report composition, and mitigation.

June 2019-July 2020

FindIt Historic Resource Survey Partnership, University of Georgia, Athens, GA

Architectural Surveyor

Responsibilities: Architectural survey, database entry (GNAHRGIS), and report composition

Jan 2018-July 2020

Garbutt Construction Company, Dublin, GA

Marketing Assistant

Responsibilities: Composition of project/architectural descriptions for company website and content creation for social media accounts

Jan 2019-May 2019

University of Georgia, Athens, GA

Graduate Assistant

Responsibilities: Assistant to Historic Preservation professor, Dr. Wade Brown in his research on Holocaust Memorials dedicated to LGBTQ+ victims

Aug 2017-Dec 2017

Georgia College & State University, Milledgeville, GA

Research Assistant

Responsibilities: Assistant to Art History professor, Dr. Elissa Auerbach in her research on representations of spiritual pilgrimage in 17th-century Dutch art

May 2017-July 2017

Lockerly Arboretum, Milledgeville, GA

Archives Intern

Responsibilities: Initiated the archival system for historic materials regarding the estate, Rose Hill, at the arboretum

May 2016-July 2016

Etowah Valley Historical Society, Cartersville, GA

Research Intern

Responsibilities: Conducted research on local school history in Bartow County, GA and published findings in an article for the EVHS website (see publications)

Representative Projects

Georgia

- Architectural Historian. Historic Resource Survey of Raoul, GA (Mitigation). 2021
- Architectural Surveyor. Survey of Newtown neighborhood, Athens, GA (Survey). 2020
- Architectural Surveyor. Survey of Carrs Hill neighborhood. Athens, GA (Survey). 2020
- Project Manager. Proposed Monopole Telecommunications Tower, Toccoa, GA. (Balloon Test). 2023

Louisiana

- Architectural Historian. Survey of downtown Opelousas, LA (Mitigation). 2023

Texas

- Project Manager. Proposed Small Cell Pole Telecommunications Structure, El Paso, TX. (Section 106). 2023

Iowa

- Project Manager. Proposed Guyed-Type Telecommunications Tower, Soldier, IA. (Section 106). 2023

California

- Project Manager/Architectural Historian. Proposed Collocation of Antennas, Tioga Hall, UC San Diego, La Jolla, CA, (Section 106/CA DPR 523 Form). 2022
- Project Manager/Architectural Historian. Proposed Collocation of Antennas, Ponderosa High School Theater and Library, Shingle Springs, CA, (CA DPR 523 Form). 2021

Nevada

- Project Manager/Architectural Historian. Proposed Collocation of Antennas, Western Nevada College, Carson City, NV. (Section 106/Nevada Architectural Resource Assessment Form). 2021

Selected Papers, Presentations, Publications, and Technical Works

- 2020 "Studio Apartment Buildings: A History of Artists' Housing in New York City," University of Georgia, Athens, GA
- 2017 "Presentation and Privacy: The Hôtel de Soubise as a Case Study of Problems in Eighteenth-Century French Domestic Architecture," 6th Annual Georgia Undergraduate Research Conference & 20th Annual Georgia College Student Research Conference, Milledgeville, GA
- 2016 "Theatrical Themes: Jean-Antoine Watteau's Pierrot in Rococo France," 19th Annual Georgia College Student Research Conference, Milledgeville, GA
- 2016 "Printed Propaganda in the Holy Roman Empire: Albrecht Dürer's Triumphal Arch of Maximilian I," 19th Annual Georgia College Student Research Conference, Milledgeville, GA
- 2016 "The Evolution of Schools in Bartow County, Georgia: The First 100 Years," Etowah Valley Historical Society

Memberships and Affiliations

- Secretary of the Interior (SOI)-qualified Architectural Historian

Certificates, Additional Training, and Qualifications

- Adult First Aid/CPR/AED Certification (2023)

Grants/Awards

- Graduate Assistantship, Spring 2020 & Spring 2019
- Eugenia Breedlove Veal O.F. Veal, Jr. Endowed Scholarship, Fall 2017



MEMO

TO: Historic Preservation Commission

FROM: Chapin LaChance, AICP - Planning Director

MEETING DATE: August 22, 2023

SUBJECT: Lake County Search and Rescue Telecommunication Facility – Section 106 Review Invitation to Comment; 700 E. 10th St.

Historic Preservation Commissioners,

On July 31, staff received the attached invitation to comment from SWCA Environmental Consultants regarding a Section 106 Review for the Lake County Search and Rescue Telecommunications Facility at 700 E. 10th St. The attached description of the project by SWCA mentions a “proposed” tower, equipment shelter, and fenced area, but staff has confirmed with the Lake County government that the referenced tower, shelter, and fencing is existing as shown in the image to the right taken 8/7. SWCA is seeking a finding of “No Historic Properties Affected within the APE for direct or visual effects” from the city. As such, staff is referring this invitation for comment to the HPC. As this facility is outside of the Leadville Historic District boundary, the existing tower does not require a Certificate of Appropriateness (COA).



Background

The Planning and Zoning Commission (P&Z) and City Council previously approved a Conditional Use Permit (CUP) for the telecommunications facility on 2/4/2020. The City Council approved CUP extension request on 1/4/22 to extend the time period for installation of the facility for another two (2) years, until 2/4/2024. The application material for those CUP approvals is attached to this memo. The CUP’s approval was based on the attached plans and the following conditions:

1. *A legal description of the property prepared by a licensed Colorado land surveyor as required by Ordinance 17.72.070 (inclusive of the land area contained in the scope of this application. (Lots 17, 18, 19, 20, 21, 22, and 23 Block 35, North Leadville Addition to the City of Leadville, County of Lake, State of Colorado. (7 lots @ 25' x 110'= 19,250 sq. ft or .44 acres more or less).*
2. *A title commitment and title search of any easements or encumbrances of record.*
3. *Formal lease agreement with the City of Leadville to grant authority for the use of city owned property including the construction of the tower, subject to the CUP conditions. There is currently no record of the uses and improvements on this property as a public facility containing VHF and HAM radio facilities.*
4. *Improvement costs, whether to be paid by Lake County or monies given by the State, shall be determined to assure compliance with the commitments noted in the CUP.*
5. *Provide the necessary signature blocks for Planning Commission and City Council approval.*
6. *The tower height shall not exceed 70 feet and whip antennas shall not exceed an additional 10 feet for a total height of 80 feet.*
7. *Site layout and landscaping shall reflect the site plan illustrations provided in the application.*
8. *The tower should remain unpainted and communication disk to be painted at the discretion of staff.*
9. *Electronic shed(s) will approximate the color of surrounding EOC buildings.*
10. *Re-review/consideration of the CUP for any future co-location facilities on the site or lease agreement for co-location will be required.*
11. *Should the tower become obsolete, the tower will be removed by the County, at the County's expense.*



History

The 1895 Sanborn map to the left shows the locations of structures within vicinity to the west of the existing facility, with the area of the existing facility circled. Note that the site of the facility is shown as vacant in 1895. The 1937 Sanborn map series does not include a map of this site.

Staff comments

SWCA's letter references historic cultural resources within the visual area of potential effect. Interestingly, the letter also states "proposed Leadville Eastside Mining District is officially eligible for listing in the NRHP as a district.", which staff is unaware of. The letter also states that the facility "will not be visible from most of the properties" within the visual area for potential effect, and that "For those properties closer to the project area, the tower will be visible but will not stand out on the landscape because of other nearby towers, utility poles, and tall trees, all of which serve to blend the tower with the landscape. Although setting is an important element for most of the historic properties, the location of the tower is

within the built environment, which is shared with numerous other vertical infrastructure elements. The height of the tower, at 70 feet, is also not so significantly high that it will dominate the setting. Although the proposed tower will add to the cumulative visual effects for the historic properties present within the 0.5-mile APE for visual effects, it will not do so in a manner that will negatively affect the integrity of those 49 properties.”

Staff requests feedback from the HPC as to whether or not the HPC finds that historic properties are directly or visually affected by the facility. Staff will then provide a comment letter to SWCA with the HPC’s finding.

Questions for the Commission

1. Does the HPC find that historic properties are directly or visually affected by the telecommunications facility?





ENVIRONMENTAL CONSULTANTS

Sound Science. Creative Solutions.

Denver Office
295 Interlocken Boulevard, Suite 300
Broomfield, CO 80021
Tel 303.487.1183 Fax 303.487.1245
www.swca.com

July 31, 2023

Chapin LaChance, Planning Director
Leadville Planning and Zoning Department
800 Harrison Avenue
Leadville, CO 80461
phone: 719-427-0517
planningdirector@leadville-co.gov

RE: Invitation to Comment on the Lake County Search and Rescue Telecommunications Facility, Lake County, Colorado

Chapin LaChance:

This letter provides supporting information for the purposes of coordination on project effects for the proposed Lake County Search and Rescue Telecommunications Facility in Leadville, Lake County, Colorado. The purpose of this letter is to obtain information required by the Federal Communications Commission (FCC) to meet their federal requirements under Section 106 of the amended National Historic Preservation Act, as outlined in the FCC Nationwide Programmatic Agreement for the review of effects to historic properties (FCC 04-222), on the proposed Lake County Search and Rescue Telecommunications Facility. This coordination is being conducted pursuant to Section 106 of the National Historic Preservation Act (Title 36 Code of Federal Regulations Part 800) by SWCA Environmental Consultants, on behalf of Lake County, to ensure that historic properties are not adversely impacted by the undertaking.

In 2022, SWCA was contracted by Kimley-Horn to identify and evaluate the effects of a proposed new tower installation at 700 East 10th Street in Leadville, Lake County, Colorado. Lake County Public Works proposes to install a new 70-foot-tall self-supporting lattice tower with antenna systems and associated equipment shelter within a fenced area measuring 58 × 23 feet (0.49 acre) adjacent to the existing Lake County Search and Rescue (LCSAR) building on municipal land. The radio antenna is intended to increase the communication capacity of the Lake County Search and Rescue and Lake County Sheriff's Office. Access to the facility will be via existing roadways through the town of Leadville.

Cultural resource investigations including a file search conducted through the Colorado Office of Archaeology and Historic Preservation and a field investigation of the area of potential effects (APE) for direct effects and APE for visual effects, and an evaluation of the potential impacts of the project on historic properties were completed by SWCA in spring of 2023. No Historic Properties are Present in the APE for direct effects, which has been completely disturbed by construction of the existing Lake County Search and Rescue building as well as continued use of the area around the building to support building operations, parking, and maintenance, including for vegetation and snow. SWCA recommends a finding of No Historic Properties Affected within the APE for direct effects.

Within the 0.5-mile radius visual APE for the project, 130 cultural resources have been recorded, all of which are historic in association. These resources include the Leadville Historic District (5LK40) and one historic property recorded as an element of the listed historic district; 48 resources associated with mining; 59 residences; six resources associated with the town; five segments of three railroads; two branches of the Denver & Rio Grande railroad; one railroad junction; and one transmission line. 5LK40, the Leadville Historic District, is listed in the National Register and is a National Landmark. The proposed Leadville Eastside Mining District is officially eligible for listing in the NRHP as a district. Seven resources within 5LK40 are contributing to the district; seven resources are non-contributing to the district; two resources within the district are eligible for the NRHP on their own, and five resources within the district are not eligible. Twenty-seven resources within the proposed Leadville Eastside Mining District are contributing to the eligibility of that district; 23 resources are non-contributing to the eligibility of the district; one resource within the proposed district is eligible for the NRHP on its own; and one resource within the proposed district is not eligible. Outside of these districts, 11 resources are eligible for the NRHP, 39 resources are not eligible; one resource is needs data; and five resources have no assessment provided.

Forty-nine historic properties are in the visual APE for the Leadville communications tower. All 49 of these properties are historic age and associated with the mining of the area and the town of Leadville. The landscape in which these historic properties are located is generally developed and modified, with many houses upgraded with new materials, new buildings constructed with modern materials, and infrastructure such as electrical distribution lines visible throughout the area. The tower will not be visible from most of the properties because of intervening buildings, vegetation, and topography (e.g., steep hills and slopes). For those properties closer to the project area, the tower will be visible but will not stand out on the landscape because of other nearby towers, utility poles, and tall trees, all of which serve to blend the tower with the landscape.

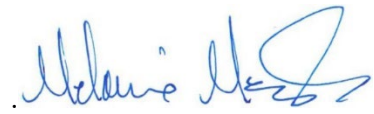
Although setting is an important element for most of the historic properties, the location of the tower is within the built environment, which is shared with numerous other vertical infrastructure elements. The height of the tower, at 70 feet, is also not so significantly high that it will dominate the setting. Although the proposed tower will add to the cumulative visual effects for the historic properties present within the 0.5-mile APE for visual effects, it will not do so in a manner that will negatively affect the integrity of those 49 properties. SWCA recommends a finding of No Adverse Effect on Historic Properties within the APE for visual effects.

A letter seeking concurrence with these findings will be submitted to the Colorado State Historic Preservation Office and coordination is on-going with the FCC and interested Native American tribes.

SWCA is providing this information to you in compliance with Section 106 and offers you an opportunity to provide any additional input or comment on the project's potential effects on historic properties. Please note that we are requesting your review as part of the Section 106 process outlined in the FCC's Nationwide Programmatic Agreement only and not as part of the local zoning process. Please direct any questions or comment regarding the project and this letter or attached material to SWCA no later than August 31, 2023.

July 31, 2023
Page 3

Sincerely,

A handwritten signature in blue ink, appearing to read "Melanie Medeiros". The signature is fluid and cursive, with a large loop at the end.

Melanie Medeiros, M.A., RPA
SWCA Environmental Consultants
mmedeiros@swca.com
303.487.1183 office / 720.249.3441 direct

Attachment: Project maps and cultural resource report

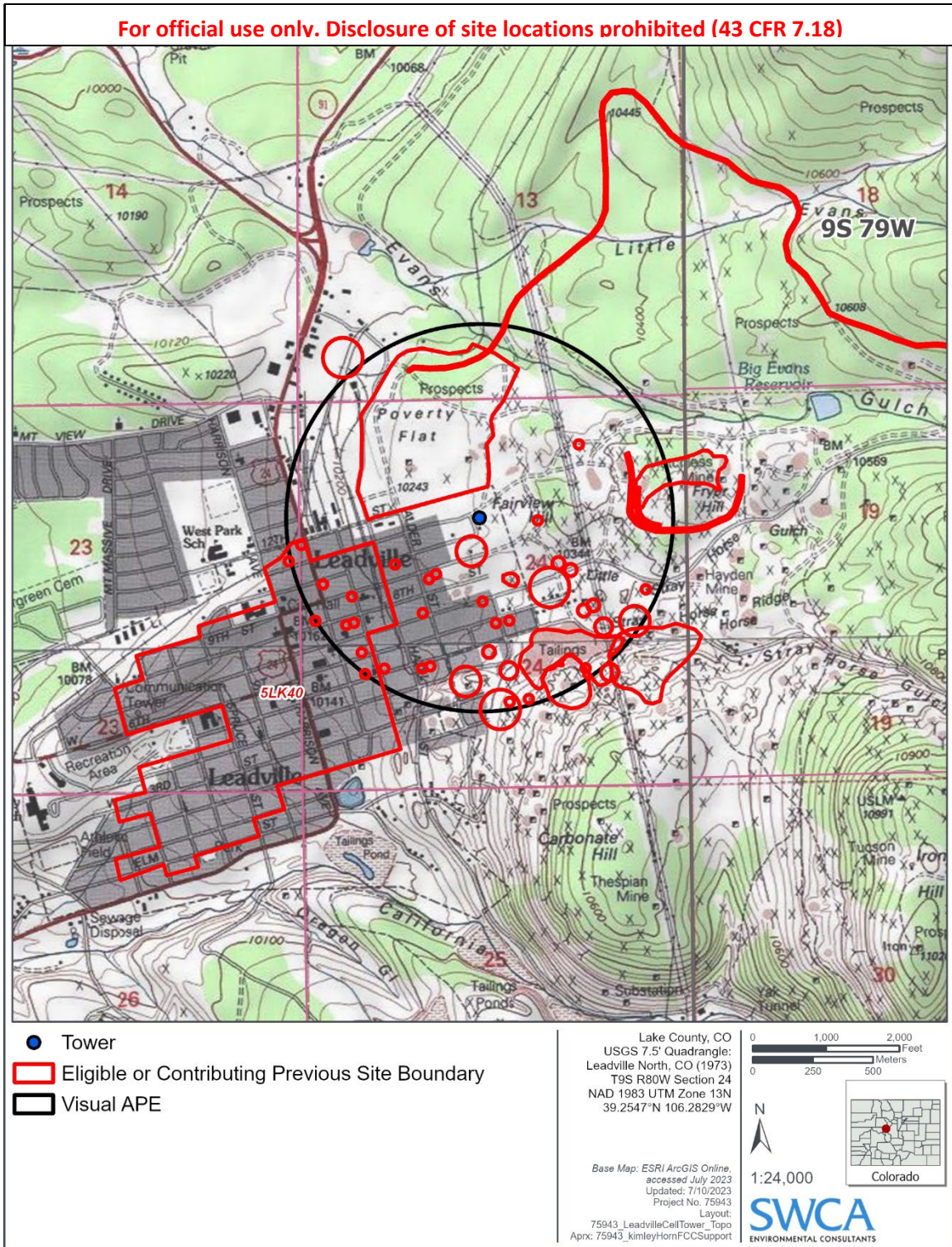


Figure 1. Location of the project and the APE for visual effects.

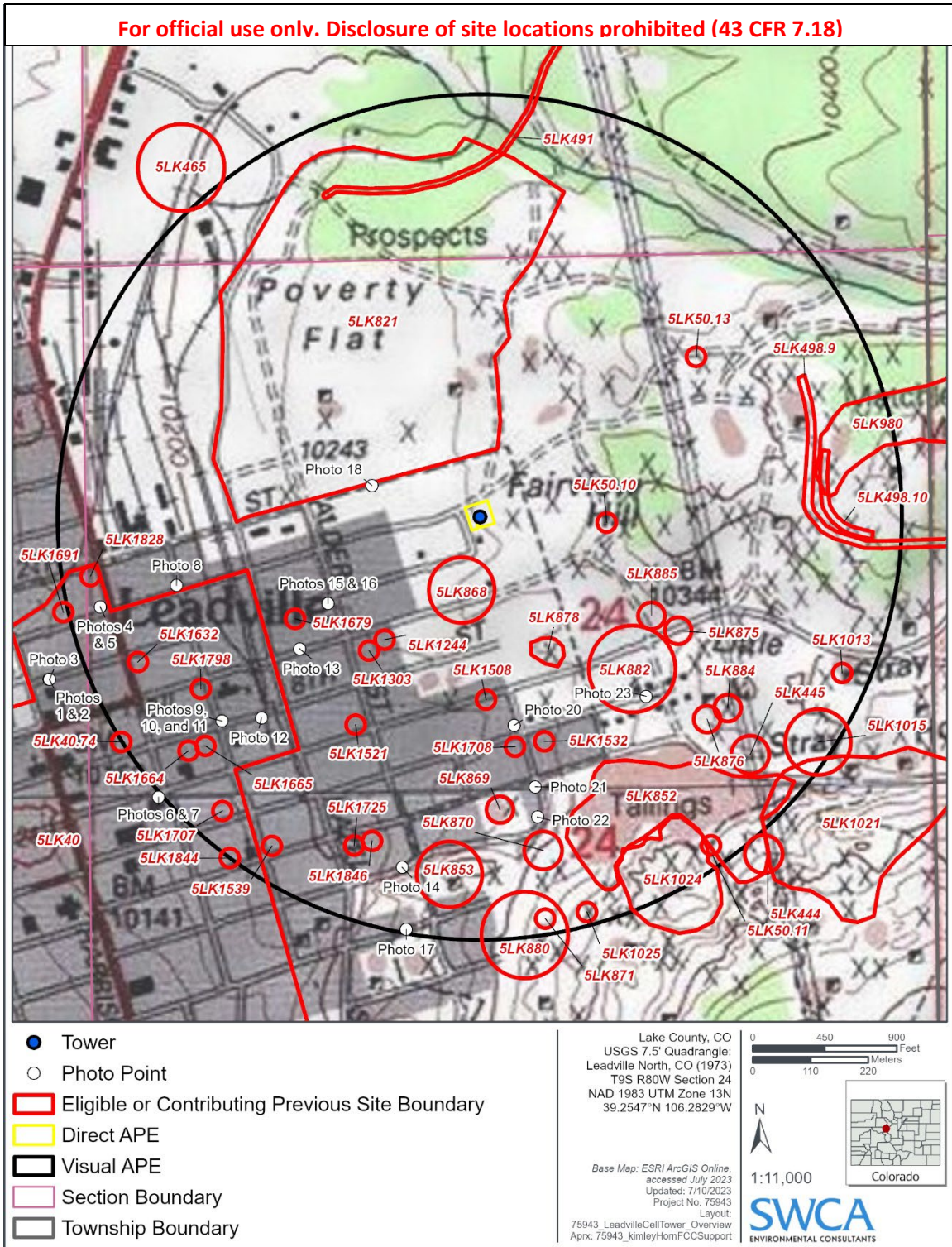


Figure 2. Project location within the APE for visual effects and photograph points for representative views from historic properties.



Figure 3. Aerial map showing ground disturbance within the APE for direct effects.



Chapin LaChance <planningdirector@leadville-co.gov>

Section 106 Notification of Consulting Party's Determination of Effect- Email ID #8715100

townotifyinfo@fcc.gov <townotifyinfo@fcc.gov>

Wed, Aug 9, 2023 at 12:16 PM

To: planningdirector@leadville-co.gov

This is to notify you that a consulting party has specified a determination of effect for the following filing:

Source: Northern Arapaho

Date of Action: 08/09/2023

Direct Effect: No Effect on Historic Properties in APE

Visual Effect: No Effect on Historic Properties in APE

Comment Text: The Northern Arapaho THPO has reviewed your Consultation Request under the National Environmental Protection Act & National Historic Preservation Act, Section 106 process, regarding the proposed project & offers the following response:

No Historic Properties in the Direct or Visual APE

Our office has come to this determination by drawing conclusions from the report, ethnography, previous survey search from SHPO and maps depicting province of sites in regards to Direct and Visual APE. There are no cultural resources and no eligible historic properties within the APE. Currently, there are no properties of religious and cultural significance to the Northern Arapaho within the area of potential effect. However, if traditional cultural properties, rockfeatures, or human remains are found during excavation with any new ground disturbance, we request to be contacted and a report provided.

File Number: 0010638295

TCNS Number: 266948

Purpose: New Tower Submission Packet

Notification Date: 7AM EST 08/01/2023

Applicant: Lake County Public Works

Consultant: SWCA Environmental Consultants

Positive Train Control Filing Subject to Expedited Treatment Under Program Comment: No

Site Name: Lake County Search and Rescue

Site Address: 700 E 10th Street

Detailed Description of Project: The tower is a lattice tower within a fenced area located north/northeast of the Lake County Search and Rescue Office in a disturbed field. The tower will increase the communication capacity of search and rescue and the sheriff's office.

Site Coordinates: 39-15-16.9 N, 106-16-58.3 W

City: Leadville

County: LAKE

State:CO

Lead SHPO/THPO: History Colorado

NOTICE OF FRAUDULENT USE OF SYSTEM, ABUSE OF PASSWORD AND RELATED MISUSE

Use of the Section 106 system is intended to facilitate consultation under Section 106 of the National Historic Preservation Act and may contain information that is confidential, privileged or otherwise protected from disclosure under applicable laws. Any person having access to Section 106 information shall use it only for its intended purpose. Appropriate action will be taken with respect to any misuse of the system.



Chapin LaChance <planningdirector@leadville-co.gov>

Section 106 New Filing Submitted- Email ID #8698547

towernotifyinfo@fcc.gov <towernotifyinfo@fcc.gov>
To: planningdirector@leadville-co.gov

Mon, Jul 31, 2023 at 6:16 PM

The following new Section 106 filing has been submitted:

File Number: 0010638295
TCNS Number: 266948
Purpose: New Tower Submission Packet

Notification Date: 7AM EST 08/01/2023

Applicant: Lake County Public Works
Consultant: SWCA Environmental Consultants
Positive Train Control Filing Subject to Expedited Treatment Under Program Comment: No
Site Name: Lake County Search and Rescue
Site Address: 700 E 10th Street
Detailed Description of Project: The tower is a lattice tower within a fenced area located north/northeast of the Lake County Search and Rescue Office in a disturbed field. The tower will increase the communication capacity of search and rescue and the sheriff's office.
Site Coordinates: 39-15-16.9 N, 106-16-58.3 W
City: Leadville
County: LAKE
State: CO
Lead SHPO/THPO: History Colorado

Consultant Contact Information:
Name: SWCA Environmental Consultants
Title: Principal Investigator, M.A., RPA
PO Box:
Address: [295 Interlocken Blvd. Suite 300](#)
City: Broomfield
State: CO
Zip: 80021
Phone: 720-249-3441
Fax:
Email: mmedeiros@swca.com

NOTICE OF FRAUDULENT USE OF SYSTEM, ABUSE OF PASSWORD AND RELATED MISUSE
Use of the Section 106 system is intended to facilitate consultation under Section 106 of the National Historic Preservation Act and may contain information that is confidential, privileged or otherwise protected from disclosure under applicable laws. Any person having access to Section 106 information shall use it only for its intended purpose. Appropriate action will be taken with respect to any misuse of the system.



DATE: January 22, 2020 at 6:00 PM
Planning and Zoning Commission Hearing

TO: Leadville Planning and Zoning Commission

THROUGH: Sarah Dallas, City of Leadville Administrative Services Manager

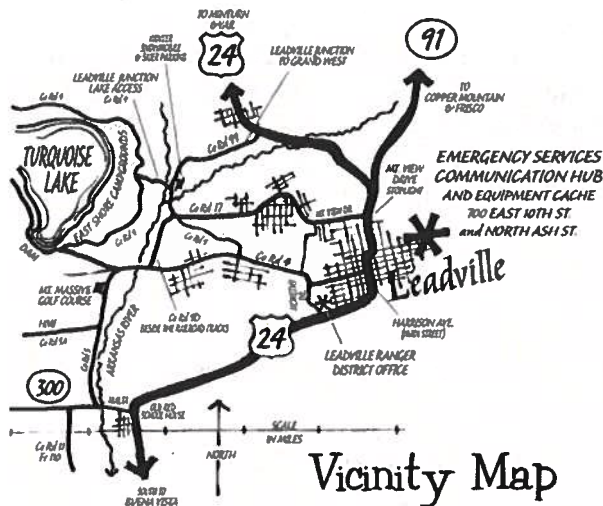
FROM: Joy S. McGee AICP, RG & Associates
on behalf of the City of Leadville Planning

Project: Lake County Emergency Services Operations Center
Conditional Use Permit for a Telecommunication Tower in an R-2 Zone District

Location: 700 E. 10th Street Leadville CO
Lots 13 thru 26 Blk 35 North Leadville Addition
City of Leadville, Lake County, Colorado

Applicant: Lake County Sheriff's Office
Amy Reyes, Sheriff
P.O. Box 255
Leadville CO 80461

Property Owner: City of Leadville
800 Harrison Avenue
Leadville CO 80461



Attachments:

1. [Application](#)
2. [Site Plan](#) (1 sheet) dated 1/16/2020
3. [Letter of Intent](#)
4. [Addendum to Telecommunications Tower CUP](#) _ dated 1/12/2020
5. [Standards of Approval](#) (reference §17.72.070 G.)
6. [Criteria for action on CUP](#) (reference §17.52.040)
7. [Airport Overlay](#) (email on FAA regs)
8. Letters of Support
 - a. [Lake County Office of Emergency Management](#)
 - b. [State of Colorado Electronic Specialist](#)
 - c. [City of Leadville](#)
 - d. [Lake County Search and Rescue](#)
 - e. [St. Vincent Hospital](#)
 - f. [Friends of Twin Lakes, Inc](#) _ dated 1/7/2020
 - g. [Lake County School District](#) _ dated 12/12/19
 - h. [Lake County Public Works](#) _ dated 12/11/19
 - i. [Lake County Fire Chief](#) _ dated 12/10/19
 - j. [Colorado State Patrol](#) _ dated 12/10/19
 - k. [Homeland Security](#) _ dated 12/10/19
9. [House Bill 18-1324](#)
10. [Public announcement](#) / OIT communication on HB 18-1325
11. [OIT Application](#) (draft)
12. [Notice of public hearing](#)
13. [Photos](#)

ANALYSIS

The Lake County Sheriff's Office has made application on behalf of Lake County Board of Commissioners for a 70 foot radio tower (Digital Trunked Radio Tower (DTR Site), to be located on property owned by the City of Leadville. The primary purpose of the tower installation is to improve radio coverage for emergency service operations in Lake County. The subject property is zoned Traditional Residential (R-2) District. A freestanding telecommunication facility is subject to a Conditional Use permit review (reference §17.48.010 Table 1) in the R-2 District. A freestanding telecommunication facility is defined by Code as a *telecommunication facility that consists of a stand-alone support structure or tower, antennas, and accessory equipment*. Telecommunication facilities are further defined in §17.72.070 and subject to the review criteria found in 17.52.040 of the Leadville Municipal Code.

The application requires concurrent review of:

- 1) Conditional Use Permit; and
- 2) Height limitation exemption (17.71.010)

These requests are being processed concurrent subject to the conditional use processing procedures. (Chapter 17.52)

Attachment 6 provides the applicant's justification for the CUP review criteria outlined in the Leadville Code (17.52.040).

The height limitation contained in R-2 (§17.20.010) is 35 feet. The height limitation exemption allows city council to waive the height standard, following review and recommendation by the planning commission where the applicant has demonstrated:

- a) such exemption would not deteriorate the scenic view of solar access presently available to other existing structures
- b) would not violate federal regulations
- c) conform with fire protection standards.

Attachment 2 is the CUP SITE PLAN which provides the graphic representation of the existing improvements on the property and illustrates the configuration of the proposed improvements.

The proposed improvements requested with the CUP include:

- The lattice tower approximately 60' tall with a 14' triangular base
- (2) 8' round antennas at or below 60'
- (5) stick antennas over 60' (not to exceed 70')
- Back up generator with 1000 gallon at grade propane tank
- 10x20 secure electronics shed
- Security fencing and gate
- Access drive and associated parking
- Landscaping/screening
- Security lighting and signage

The purpose statement and Notes (1-6) are provided on the plan to add clarification to the conditions that are being placed on this Conditional Use review. The notes address elements of the plan such as landscaping, lighting, fencing necessary to assure harmony with the neighboring land uses. The plan depicts a "fall" zone radius of the tower to demonstrate that the tower will not be a physical hazard to "private" property, existing residential structures or cause harm to the public if it fell, collapsed or was similarly damaged. Note 5 ensures that the tower will be painted to blend with the surrounding natural setting and built environment. Detail was not referenced for the proposed equipment building, however.

The plan provides a graphic reference to the line of sight profile with Hagerman Pass, which is a principal factor in the site selection.

There are a number of agencies that are involved in coordinating this effort. **Attachment 4** discusses the relationships and roles of the various interests including the Office of Emergency Management, the Lake County Sheriff's Office, the Emergency Services Council (ESD), the Local Emergency Planning Committee (LEPC), and the funding through the Governor's Office of Information Technology (OIT). A copy of the OIT application in draft form is provided as **Attachment 11** as background information for the CUP review. The application states that the Board of County Commissioners (BOCC) will own the tower and equipment shelter while the OIT will maintain the tower, equipment shelter and the equipment inside the shelter. The State will have control of the security systems used to monitor site access.

The applicant has indicated a desire to utilize the tower for co-location with commercial service providers. Note 2 requires that any expansion would be subject to a CUP amendment and offers some guidance on expectations to generally minimize the adverse visual impacts of additional

antenna and the related ancillary improvements. All efforts need to be as stealth as possible as encouraged by the purpose and goals stated in Code Section 17.72.070.

Planning Commission ACTION:

The Planning Commission is encouraged to visit the site. Any interested parties that wish to speak on the matter are encouraged to attend the public hearing to share their opinions, facts, and thoughts with the entire Commission.

The Planning Commission shall provide a recommendation to the City Council. City Council hearing has been scheduled to review the case on February 4, 2020.

The Planning Commission shall base their review of the request Condition Use and Height Exemptions on the Criteria for action listed in Leadville Municipal Code

17.52.040 (A-I)

- A. Conformance with zoning regulations;
- B. Consistency with the Leadville comprehensive plan;
- C. Harmony with neighboring land uses and future intended land uses in the area;
- D. Will not result in overly intensive use of the land relative to the surrounding land
- E. Will not result in excessive traffic congestion or hazards to vehicular or pedestrian traffic;
- F. Will not scar the land nor create loose piles of soil or other materials and open, unprotected pits or holes;
- G. Will not be not be detrimental to the public health, safety or welfare of city residents nor cause hardship for neighboring persons;
- H. Will be free from natural and manmade hazards (hazards have been adequately mitigated);
- I. Roadway systems and access roads will be open and readily accessible to police, fire and other emergency and public safety vehicles on a year-round basis.

17.72.070 G (a-i)

- a. Height or size of the proposed tower
- b. Proximity of the tower to residential structures and residential district boundaries;
- c. Nature of uses on adjacent and nearby properties
- d. Compatibility with the surrounding topography
- e. Compatibility with the surrounding tree coverage and foliage
- f. Design of the tower, with particular reference to design characteristics that have the effect of reducing or eliminating visual obtrusiveness;
- g. Proposed ingress and egress
- h. Availability of suitable existing freestanding telecommunication facilities and other structures. No new towers shall be permitted unless the applicant demonstrates to the reasonable satisfaction of the city that no existing freestanding telecommunication facility or structure can accommodate the applicant's needs; and
- i. The proposal is in conformance with the provisions of § 17.72.

At the conclusion of the hearing, all testimony in this matter shall be considered. All representations and commitments made by the applicant and their representatives on the record are considered binding in evaluating the application. The Planning and Zoning Commission should state any specific reference or commitment that was determinative regarding the application. Following Planning and Zoning Commission discussion the Commission may recommend to City Council:

1. APPROVAL of the REQUEST as submitted
2. APPROVAL of the REQUEST subject to CONDITIONS
3. DENIAL of the REQUEST
4. CONTINUANCE OF THE REQUEST subject to ADDITIONAL INFORMATION

STAFF RECOMMENDATION:

The Planning Commission recommend approval to the City Council for the Conditional Use Permit and Height Exemption for the Lake County Emergency Services telecommunication tower and accessory equipment installation subject to the following conditions:

RECOMMENDED CONDITIONS: *The applicant has agreed to the following conditions to provide the information listed as 1-5 below for staff review prior to permitting:*

1. A legal description of the property prepared by a licensed Colorado land surveyor as required by Ordinance 17.72.070 (inclusive of the land area contained in the scope of this application. (Lots 17, 18, 19, 20, 21, 22, and 23 Block 35, North Leadville Addition to the City of Leadville, County of Lake, State of Colorado. (7 lots @ 25' x 110'= 19,250 sq. ft or .44 acres more or less)).
2. A title commitment and title search of any easements or encumbrances of record.
3. Formal lease agreement with the City of Leadville to grant authority for the use of city owned property including the construction of the tower, subject to the CUP conditions. There is currently no record of the uses and improvements on this property as a public facility containing VHF and HAM radio facilities.
4. Improvement costs, whether to be paid by Lake County or monies given by the State, shall be determined to assure compliance with the commitments noted in the CUP.
5. Provide the necessary signature blocks for Planning Commission and City Council approval.



GENERAL APPLICATION FORM

Application File No. _____

1) ACTION REQUESTED

- | | | | |
|----------------------------|--------------------------|------------------------------|-------------------------------------|
| Rezoning | <input type="checkbox"/> | Variance | <input checked="" type="checkbox"/> |
| Subdivision Approval | <input type="checkbox"/> | Sign Variance | <input type="checkbox"/> |
| Sketch Plan | <input type="checkbox"/> | Performance/Other Bond | <input type="checkbox"/> |
| Preliminary Plan | <input type="checkbox"/> | Temporary Use Permit | <input type="checkbox"/> |
| Final Plat | <input type="checkbox"/> | Petition for Time Extension | <input type="checkbox"/> |
| Plat Correction | <input type="checkbox"/> | Zoning Text Amendment | <input type="checkbox"/> |
| Plat Amendment | <input type="checkbox"/> | Comprehensive Plan Amendment | <input type="checkbox"/> |
| Plat Vacation | <input type="checkbox"/> | Conditional Use Permit(s) | <input checked="" type="checkbox"/> |
| Easement Vacation | <input type="checkbox"/> | CUP/Other | <input type="checkbox"/> |
| Subdivision Exemption | <input type="checkbox"/> | CUP/Travel Trailer Park | <input type="checkbox"/> |
| Certif. of Appropriateness | <input type="checkbox"/> | CUP/Mobile Home Park | <input type="checkbox"/> |
| Lot Consolidation | <input type="checkbox"/> | Lot Line Adjustment | <input type="checkbox"/> |
| Other Action(s) (specify) | <input type="checkbox"/> | | |

2) APPLICANT STATUS

Date of Application: December 16, 2019
 Received by: _____
 Application Fees Required: _____
 Date Fee Paid: _____

Date(s) App. Acted On:	Action Taken:
_____	_____
_____	_____
_____	_____

3) APPLICANT AND OWNER INFORMATION

Name of Applicant: Amy Reyes
 Property Address: 700 E 10th Street

Mailing Address of Applicant if other than property address: P.O. Box 255
Leadville 80461
Telephone: 719-486-1249
Land Owner*: City of Leadville
Address: 800 Harrison Ave, Leadville 80461
Telephone: _____

* List Landowner(s) individually if other than applicant

4) SUMMARY OF APPLICATION

Land Area Included Within the Scope
of This Application: _____
Location of Land: 700 E 10th Street Lot 22 block 35
Existing Zoning Districts: R-2
Proposed New District(s): none
Number of Existing Lots: 1
Number of Proposed Lots: 1
Number of Proposed Dwelling: none
Proposed Average Lot Size: _____

If this is a Variance Request, Type and Cause of Non-conformance: height variance
proposal for 60' Telecommunication tower

Will the Proposed Development Require any State or Federal Permits (Yes/No)
If yes, which Permits: permits from BLM maybe needed after
tower in place
Additional Pertinent Information: _____

5) CERTIFICATION BY THE APPLICANT

I hereby state that this application is made with full knowledge of the design standards, procedures, disclaimers (see especially Titles 17.06 and 17.30.040) and other provisions of the Leadville Zoning Ordinance/Municipal Code pertaining to this application:

Signature of Applicant: [Signature] Date: 12/16/19

6) FINAL ACTION

Approved Conditionally Approved or Denied by the authorized Leadville permitting authority:

Name: _____ Signature: _____
Title: _____ Date: _____



COLORADO

**Governor's Office of
Information Technology**

**Public Safety Communications Network
601 East 18th Avenue, Suite B100
Denver, Colorado 80203**

The Governor's Office of Information Technology (OIT) is pleased to announce that the Colorado General Assembly overwhelmingly supported, and Governor Hickenlooper signed into law, [House Bill 18-1325](#), the 'Digital Trunked Radio System Coverage Gaps' bill.

HB18-1325 provides an appropriation of \$2 million dollars in FY18-19 and \$2 million dollars in FY19-20 for the Office (OIT, Public Safety Communications Network - PSCN) *"to work in partnership with local and regional government entities to add additional Digital Trunked Radio System (DTRS) sites in areas of the state that are experiencing critical coverage gaps for public safety radio communications."*

The Act further defines that *"In working with local and regional governments to address such coverage gaps, the Office shall prioritize the following:*

- (I) Locations that have existing radio tower and other infrastructure to which the Office may add equipment;*
- (II) Locations in which a known public safety radio communications coverage issue may be addressed; and*
- (III) Locations that provide a benefit to both state and local government first responders."*

Funding made available through HB18-1325 may be applied toward goods and services provided by OIT-PSCN. No direct funds will be allocated to an applicant. The intent of the Bill is to assist in filling the greatest number of known coverage gaps at the greatest number of sites demonstrating "Site Readiness" and meeting the criteria of the Bill. Projects considered for site improvements may include, but not be limited to, improvements or replacement of an existing equipment shelter, a backup power generator, an air conditioning unit, R-56 grounding of the site, etc. The funding may not be used for greenfield site construction, for ongoing costs including any lease and/or right-of-way costs, utility costs, or site maintenance costs at an existing site.

The OIT-PSCN will begin taking applications July 1, 2018 from local and regional government entities to assist in site improvements at existing communications tower sites identified and secured by local and regional government entities. Application documents may be downloaded by clicking on the following link to our website: <http://www.oit.state.co.us/cto/dtrs>.

- The first round of applications will be accepted through August 31, 2018 for late fall 2018 projects.
- The second round of applications will open March 1, 2019 and close May 1, 2019 for late spring and early summer 2019 projects.

Projects will be scored and awarded based on meeting the defined criteria of [HB18-1325](#), need, location, lowest cost required to attain site readiness, and shortest span of time to completion.

Incomplete applications will not be considered until such time as the application is complete and will require resubmission for consideration during the following round of applications.

If you have questions or need further information regarding this opportunity please contact:

Pam Monsees, Program Manager

Governor's Office of Information Technology

Public Safety Communications Network

(O) 303.764.7980

(C) 720.402.0858

pam.monsees@state.co.us



COLORADO
Governor's Office of Information Technology

HB18-1325 DTRS SITE IMPROVEMENT APPLICATION - FY20

Applications Must Be Submitted Electronically - Directions on Last Page

A. GENERAL AND SUMMARY INFORMATION

1. Name/Title of Proposed Site/Project:	Lake County Emergency Operations Center Telecommunication Hub
Site Coordinates:	39-15-15.93 N, 106-16-58.66

2. Applicant:	
Name/Agency/Title	Amy Reyes, Lake County Sheriff's Office, Sheriff – on behalf of Lake County BoCC

3. Chief Elected Official (In the case of a multi-jurisdictional application, list the chief elected official of the lead political subdivision):

Name: Sarah Mudge Title: BoCC, Chair

Mailing Address: 505 Harrison Ave Phone: 719-486-4101

City/Zip: Leadville 80461 Alt Phone: _____

Email Address: smudge@co.lake.co.us

4. Designated Contact Person (will receive all mailings) for the Application:

Name: Amy Reyes Title: Sheriff

Mailing Address: PO Box 255 Phone: 719-486-1249

City/Zip: Leadville 80461 Alt Phone: _____

Email Address: areyes@lakecountysos.org

5. **Description of the proposed site in its current condition.** Please include narrative explaining current site security, condition of tower and equipment shelter, access to the site, any physical barriers to the site, e.g., locked gates, etc.

The proposed site will be located on City of Leadville property next to the existing Emergency Operations
Center (EOC). The site is currently vacant land and will be developed to house a 70' radio tower, 10x20'
Building to house the microwave equipment, concrete pad for the tower, generator and building, and
Include a security fence, gate and lighting.

6. **Description of the Project Scope of Work.** Project Description: What is being requested to bring this communication site to a state of readiness for hosting public safety grade communications equipment?

This project will include the construction of a Digital Trunked Radio Tower with a back-up generator, propane tank, and accessory equipment building to house microwave equipment, all to be contained by sight obscuring fencing. The location for this project, on lots adjacent to the EOC, was chosen for its line of sight to an existing tower on Hagerman Pass as well as access to commercial power. This tower is estimated to increase radio coverage in Lake County from 45 percent to between 75 and 80 percent.

7. **What existing DTR Site will this proposed site connect to via the state microwave network?**
Hagerman Pass in Lake County

8. **Local priority if more than one application from the same local government (1 of 2, 2 of 2, etc.)**_____

B. PROJECT INFORMATION.

In addition to other language contained in the Act, [HB18-1325](#) was created as a means of state and local government working collaboratively toward addressing known coverage gaps in the statewide DTR System by assisting local and regional governments with goods and services required to bring an existing communications tower site to a state of readiness to host public safety grade communications equipment.

HAVE YOU COMPLETED AND ATTACHED THE HB18-1325 SITE READINESS/IMPROVEMENT CHECKLIST? DOES THE PROPOSED SITE MEET OR EXCEED ALL REQUIREMENTS IN THE SITE READINESS CHECKLIST?

1. Demonstration of Readiness:

a. Does the proposed site meet the criteria defined in HB18-1325- Section 1. (III)(2.7)(a)(I) Locations that have existing radio tower and other infrastructure to which the Office [OIT-PSCN] may add equipment; (II) Locations in which a known public safety radio communications coverage issue may be addressed; and (III) Locations that provide a benefit to both the state and to local government first responders.

2. Measurable Outcomes:

a. Describe measurable outcomes you expect to see when implementation of this project is complete. How will the project enhance public safety communications in your region, county, city, town or community (e.g., IMPROVEMENT or DEVELOPMENT of this DTRS site will provide/enhance/improve mission critical push-to-talk radio communications for public safety first responders protecting life and property in the city of/town of/county of/ along interstate/state highways, major county roads, etc.

This tower is estimated to increase radio coverage in Lake County from 45 percent to between 75 and 80 percent.
The tower will specifically improve coverage within buildings in the City of Leadville and extend coverage on the state highways that run through Lake County.
Community and first responder life safety will be directly impacted as many buildings that are considered critical infrastructure will have improved radio communication.
This tower site will have line of sight down to the southern end of Lake County - allowing for future improvements and an additional site to be considered.

b. How will the outcome of the project be measured to determine whether the anticipated benefits to this area actually occur?

Public safety agencies will be able to tell immediately the difference in communication working on scenes in areas with spotty coverage and within buildings such as the school district, hospital and courthouse.

3. Local Commitment and Ability to Support/Local Effort

a. What local commitment is supporting the development and sustainment of this DTRS site?

The Board of County Commissioners have stated they recognize this improvement as an immediate priority and the City of Leadville has been participating in the development of a DTR site.
A working group from the Emergency Services Council/LEPC have identified communication needs as a top priority for Lake County to improve on. The ESC/LEPC members are comprised of local law enforcement, fire department, public works, emergency management, hospital ambulance service and more. These members fully support the project and understand the sustainability concerns associated.

b. Has this project been considered by local government but deferred because of lack of local funding? If so, how long?

Several years. In Fall of 2018 our communication integrator presented local public safety with County wide communication improvements that need to take place. A need for another DTRS Site was identified with the price of approximately a million dollars. Lake County has not been in a place to pursue a project or funds. This presentation was presented in years prior and no consideration was taken.

c. Has the applicant dedicated the financial resources in their current budget for ongoing financial responsibilities for the sustainment of this DTRS site? (i.e., long term lease costs, utility costs, generator fuel, road maintenance, etc.) If No, you must explain.

TBD
BoCC stated they would commit funding for the construction of the site tower and further discussion /estimated numbers regarding maintenance needs to take place.

4. Site Readiness to Proceed

a. Are any local, state or federal permits required before the project can proceed? If yes, please describe in detail.

City of Leadville CUP for land use and construction. Agreements with OIT regarding maintenance and ownership of the site. Bureau of Reclamation approval and agreement regarding access on Hagerman Pass Tower.

b. Have you worked directly with the PSCN engineering staff at the State to obtain supporting coverage models and microwave path studies to ensure site network connectivity? **Please attach coverage model maps and microwave path studies. PSCN contacts:**

Bill Voges	303.764.7977	bill.voges@state.co.us
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Mike Kionka	303.866.2802	mike.kionka@state.co.us
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APPLICATION SUBMISSION INSTRUCTIONS

Application and attachments must be submitted electronically in

WORD.DOCX (Preferred) or .PDF Format (Unsecured) to:

pam.monsees@state.co.us

In the email subject line include: **Applicant Local Government name** and **DTRS SITE IMPROVEMENT REQUEST**
 - for example- **Subject: XYZ County DTRS SITE IMPROVEMENT REQUEST**

Attachments List (check and submit the following documents, if applicable):

- All land lease, permits, rights of way, easements and tower agreements
- Map showing location of the project
- Site Readiness Checklist - completed
- Recently conducted tower inspection and load analysis
- Coverage model maps and microwave path studies supplied by State
- Any other documents supporting your request

Submission of this form indicates official action by the applicant's governing board authorizing the application.

For Office Use Only

APPLICATION RECEIVED ON: _____

APPLICATION REVIEWED ON: _____

REVIEWED BY: _____

OFFICIAL ACTION TAKEN ON: _____

<p>SITE READINESS/IMPROVEMENT CHECKLIST</p> <p>SITE ACCESS - MUST BE YEAR AROUND VIA 4WD VEHICLE OR SNOCAT - HELICOPTER ONLY ACCESS IS NOT SUPPORTED DUE TO COST AND INABILITY TO REACH THE SITE YEAR-ROUND</p> <p>Items highlighted in green must be in a current state of readiness. Do not submit for site improvements without attaching required documents - ALL LAND/TOWER AGREEMENTS MUST BE SUPPLIED WITH YOUR APPLICATION</p> <p>PROPERTY LEASE - must attach a copy of the current fully executed lease or MOU granting permission to be on the site</p> <p>MUST BE AGREEMENT WITH LANDOWNER FOR LONG TERM - MINIMUM 20 YEARS</p> <p><small>COST - SHORT AND LONG TERM - RECOMMEND NEGOTIATION FOR MINIMUM 20 YEARS WITH OPTION TO RENEW FOR SECOND 20-YEAR TERM. 50-YEAR TERM IS OPTIMAL- ACCOUNT/BUDGET FOR BUILT IN LEASE COST ESCALATORS</small></p> <p><small>WHO HOLDS THE ORIGINAL LEASE? DOES THE EXISTING LEASE PERMIT SUB-LEASING CHANGE OR ALTER THE ORIGINAL LEASE? RESEARCH TRIBAL LAND APPROVAL PROCESS TO ASCERTAIN IF SITE IS APPROVED FOR PUBLIC SAFETY COMM SITE</small></p> <p>RIGHT OF WAY-EASEMENT-CROSSING PERMIT - must attach a copy of the current fully executed documents for access to the site</p> <p>MUST BE AGREEMENT WITH LANDOWNER FOR LONG TERM - MINIMUM 20 YEARS</p> <p><small>COST - SHORT AND LONG TERM - RECOMMEND NEGOTIATION FOR MINIMUM 20 YEARS WITH OPTION TO RENEW FOR SECOND 20-YEAR TERM</small></p> <p><small>COST - ACCOUNT/BUDGET FOR BUILT IN ANNUAL OR TERM COST ESCALATORS</small></p> <p><small>COST - ROAD MAINTENANCE - RESPONSIBILITY INCLUDED IN COST OF EASEMENT?</small></p> <p><small>WHO HOLDS THE ORIGINAL EASEMENT? DOES THE EXISTING EASEMENT/ROW PERMIT ADDITIONAL ROAD USES? DOES THIS CHANGE OR ALTER THE ORIGINAL EASEMENT/ROW AGREEMENT?</small></p> <p><small>RESEARCH TRIBAL LAND APPROVAL (if applicable) PROCESS TO ASCERTAIN IF SITE ACCESS ACROSS TRIBAL LANDS IS APPROVED</small></p>	<p>The items contained in this section must be completed prior to submission for goods or services. Applicant must include copies of all property leases, permits, rights-of-way, easements, crossing permits, etc. permitting access to the site and granting the State of Colorado access to the site under local government agreements.</p>
	<p>NEEDS</p> <p>Y=YES N=NO</p>
<p>SITE SECURITY</p> <p>WHO ELSE HAS ACCESS TO THE SITE? WILL THE PUBLIC SAFETY EQUIPMENT BE SECURE? IS INDOOR CAGING OF EQUIPMENT NEEDED? IF PUBLIC OR COMMERCIAL PRESENCE, PUBLIC SAFETY EQUIPMENT NEEDS A PHYSICAL BARRIER.</p> <p>RESEARCH TRIBAL LANDS APPROVAL (if applicable) PROCESS TO DETERMINE SITE SECURITY NEEDS SPECIFIC TO THE SITE</p>	<p>PROVIDE DETAILS - you may add an additional tab to this worksheet to provide detail, if needed</p>
<p>POWER</p> <p>DOES PUBLIC SAFETY EQUIPMENT REQUIRE MORE POWER THAN AVAILABLE? (IF YES, PROVIDE DETAILS FOR PUBLIC SAFETY EQUIPMENT REQUIREMENTS)</p> <p>ADEQUATE SERVICE AVAILABLE - DEPENDING ON OTHER TENANTS AND USAGE - RECOMMEND MINIMUM 200AMP, SINGLE PHASE IS INCREASED SERVICE CAPACITY NEEDED?</p> <p>R-56 GROUNDING - EXISTING SITE MUST MEET OR EXCEED R-56 GROUNDING STANDARDS</p> <p>INSTALLATION OF SEPARATE METER FOR PUBLIC SAFETY EQUIPMENT</p> <p>ADEQUATE OUTLETS AVAILABLE? MORE OUTLETS NEEDED?</p>	<p>REQUIRED</p>
<p>BACKUP GENERATOR</p> <p>MINIMUM 25KW TO SUPPORT PUBLIC SAFETY COMMUNICATIONS EQUIPMENT</p> <p>ONLY</p> <p>RESPONSIBILITY FOR SUPPORT, REPAIR, AND MAINTENANCE OF THE GENERATOR</p> <p>FUEL (PROPANE OR DIESEL) TANKS - RESPONSIBILITY FOR MAINTENANCE AND ROUTINE FILLING</p>	<p>IF STATE SUPPLIED, GENERATOR WILL SUPPORT PUBLIC SAFETY EQUIPMENT</p> <p>STATE WILL SUPPLY FOR STATE OWNED GENERATOR</p> <p>STATE MAY SUPPLY GENERATOR-LOCAL SUPPLY TANKS AND FUEL</p>
<p>TOWER</p>	



800 Harrison Avenue, Leadville, Colorado 80461
Phone 719-486-0349; Fax: 719-486-1040

December 23, 2019

To whom it may concern:

This letter is in reference to the public hearing outlined below. It is described in Section 17.52.030 (D) of the Leadville Zoning Ordinance that all listed owners of record of all property within two hundred (200) feet from the property lines of the property in question be notified via United States Mail, fifteen (15) days prior to the scheduled hearing date. If you have any questions regarding the application or the intent for the property please contact the City of Leadville at (719) 486-2092 or by mail at 800 Harrison Ave Leadville CO 80461. Otherwise there will be time for public input at the public hearing on January 22nd 2020 and February 4th, 2020.

**CITY OF LEADVILLE
PUBLIC NOTICE
OF PUBLIC HEARING FOR A PROPOSED
CONDITIONAL USE PERMIT**

Notice is hereby given of a public hearing to be held Tuesday January 22nd, 2020 at 6:00 p.m. before a meeting of the Leadville Planning & Zoning Commission to consider a proposed Conditional Use Permit for construction of an Emergency Services Telecommunications Tower to be located on the parcel of 700 E 10th Street known as the property where the Lake County Emergency Services Building and Storage is located on a city owned parcel of land legally described as: LOTS 13 THRU 20 BLK 35 N L. The applicant, Lake County Sheriff Amy Reyes is applying for state funding to substantially offset the costs for the construction and installation of a 70' telecommunications tower to increase radio telecommunications within Lake County for emergency services. The proposed Conditional Use will be considered by the Leadville Planning & Zoning at a public hearing at 6:00p.m. On: Wednesday January 22nd, 2020. It will then be considered by the Leadville City Council for a final approval on February 4th, 2020 at 6:00pm. Zoning of property is R2 (Traditional Residential). The public hearing will be held at City Hall, 800 Harrison Avenue, Leadville, Colorado. All interested parties are urged to attend. All written comments, other than those presented at the public hearing, must be received by at Planning Office, City Hall, 800 Harrison Avenue, Leadville, Colorado, 80461 by mail or personal delivery by 3:00 p.m. Thursday, January 16th, 2020.

This public notice given by order of Sarah Dallas, Administrative Services Manager, City of Leadville submitted on December 23rd, 2019 and published in the Herald Democrat on Thursday January 2nd, 2020.

The City of Leadville complies with the American with Disabilities Act ("ADA") and thus requests 24-hour prior notice to make reasonable accommodations at any City meeting or hearing for any individual with a disability covered by the ADA.

Sincerely,
Sarah Dallas
Administrative Services Manager



Report

Area of Interest (AOI) Information

Area : 125,380.55 ft²

Nov 21 2019 15:47:53 Mountain Standard Time

Summary

Name	Count	Area(ft ²)	Length(ft)
Lake County Parcels	19	203,892.77	N/A

Lake County Parcels

#	New Account	Name	Street Number	Direction Suffix	Street Name
1	N000617	BOARD OF COUNTY COMMISSIONERS	6965	<i>No Data</i>	CAPITOL, CONGRESS, CASTLE
2	R006618	CITY OF LEADVILLE	700	E	10TH
3	R006819	BYRNE, RANDY P. & BETTY J. (JT)	618	E	10TH
4	R006794	SCHUSTER, DAVID C	700	E	9TH
5	R005489	SCHUSTER, DAVID C	700	E	9TH
6	R006612	CITY OF LEADVILLE	<i>No Data</i>	E	10TH
7	R006412	SHAMIS, JONATHAN	629	E	10TH
8	R006747	LOPEZ, LORRAINE B & CLARENCE	631	E	10TH
9	R005490	SCHUSTER, DAVID C	700	E	9TH
10	R006818	HENKELS, TIMOTHY C & ERIN B	612	E	10TH
11	R005523	JEREMIAH 33:3, LLC	<i>No Data</i>	<i>No Data</i>	<i>No Data</i>
12	R008195	HENNING, JOHN & CATHERINE (JT)	629 A	E	11TH
13	R005506	HELMICK, DONALD KEITH & LINDA	626	E	9TH
14	R008196	ROCKY MOUNTAIN LAND HOLDINGS, LLC	625 A	E	11TH
15	R008197	TRUST, JASON & SHANNON (J/T)	623 A	E	11TH
16	R006795	SCHUSTER, DAVID C	700	E	9TH
17	R006611	CITY OF LEADVILLE	700	E	11TH
18	R007074	VOSBERG, DONALD P	<i>No Data</i>	<i>No Data</i>	<i>No Data</i>

#	City	Zip	Unit Number	Legal	Master Acres
1	Leadville	80461	No Data	#06965 CAPITOL, CONGRESS, CASTLE & CLIPPER, 24-09-80 CALIF 35.590 601/141-2	25.21
2	Leadville	80461	No Data	LOTS 13 THRU 20 BLK 35 N L	0.00
3	Leadville	80461	No Data	LOTS 28, 29, 30, 31 & 32, BLOCK 60, NORTH LEADVILLE	0.30
4	Leadville	81645	No Data	LOT 13 BLK 36 ADDITION N L LOT 14 BLK 36 ADDITION N L, LOT 15 BLK 36 ADDITION N L LOT 16 BLK 36 ADDITION N L	0.24
5	Leadville	81645	No Data	LOTS 9, 10, 11, 12 BLK 36 ADDITION N L	0.24
6	Leadville	80461	No Data	LOTS 21 THRU 26 BLK 35 N L	0.36
7	Leadville	80461	No Data	LOTS 3,4, BLK 8A NORTH LEADVILLE ADDITION	0.12
8	Leadville	80461	No Data	LOTS 1, 2, BLK 8A NORTH LEADVILLE ADDITION	0.12
9	Leadville	81645	No Data	LOT 17 BLK 36 ADDITION N L LOT 18 BLK 36 ADDITION N L, LOT 19 BLK 36 ADDITION N L LOT 20 BLK 36 ADDITION N L	0.24
10	Leadville	28607	No Data	LOTS 25, 26 & 27, BLOCK 60, NORTH LEADVILLE	0.18
11	Leadville	64078	No Data	LOT 6B BLK 8A ADDITION NORTH LEADVILLE	0.09
12	Leadville	80204	No Data	LOT 1A, BLOCK 60, NORTH LEADVILLE ADDITION	0.08
13	Leadville	80461	No Data	LOTS 29, 30, 31, & 32 BLOCK 8A, N L ADDITION	0.24
14	Leadville	80601	No Data	LOT 2A, BLOCK 60, NORTH LEADVILLE ADDITION	0.08
15	Leadville	80126	No Data	LOT 3A, BLOCK 60, NORTH LEADVILLE ADDITION	0.08
16	Leadville	81645	No Data	LOTS 21, 22, 23, 24, BLK 36 ADDITION N L	0.20
17	Leadville	80461	No Data	LOTS 7 THRU 12 BLK 35 N L	0.36
18	Leadville	80461	No Data	LOTS 5 THRU 10, INCLUSIVE, BLOCK 60, NORTH LEADVILLE	0.36

#	Land	Total	Area(ft ²)
1	9,417	9,417	125,380.59
2	0	55,420	14,020.88
3	116,670	335,617	13,224.43
4	34,055	9,857	10,468.53
5	26,196	7,582	7,918.20
6	4,310	4,310	7,019.88
7	46,668	283,423	5,560.02
8	46,668	266,658	4,876.47
9	93,336	229,906	3,515.01
10	70,002	237,367	3,419.81
11	35,001	54,000	2,810.35
12	31,112	<i>No Data</i>	1,643.64
13	93,336	134,210	1,607.65
14	31,112	<i>No Data</i>	1,298.10
15	31,112	<i>No Data</i>	712.94
16	43,660	12,637	212.00
17	4,310	4,310	150.23
18	78,588	<i>No Data</i>	54.03

EMERGENCY



PUBLIC NOTICE

Lake County Sheriff-Emergency Management Services HAS APPLIED FOR A **CONDITIONAL USE PERMIT** To Build 70 Telecommunications Towers **PUBLIC HEARING**

Wednesday, January 22nd, 2020 AT 8:00 PM BEFORE PLANNING & ZONING & Tuesday February 4th, 2020 at 6:00pm BEFORE CITY COUNCIL IN CITY HALL

AT 303 HARSHBURN AVENUE, LEADVILLE, COLORADO
NOTICE TO THE PUBLIC: SEE PUBLIC NOTICE AND PERMIT APPLICATION FOR MORE INFORMATION

SERVICES





NOTICE

Photo of posting
Affidavit of Mailing

PUBLIC NOTICE

**Lake County Sheriff- Emergency
Management Services
HAS APPLIED FOR A
CONDITIONAL USE PERMIT**

To Build 70' Telecommunications Tower

PUBLIC HEARING

ON

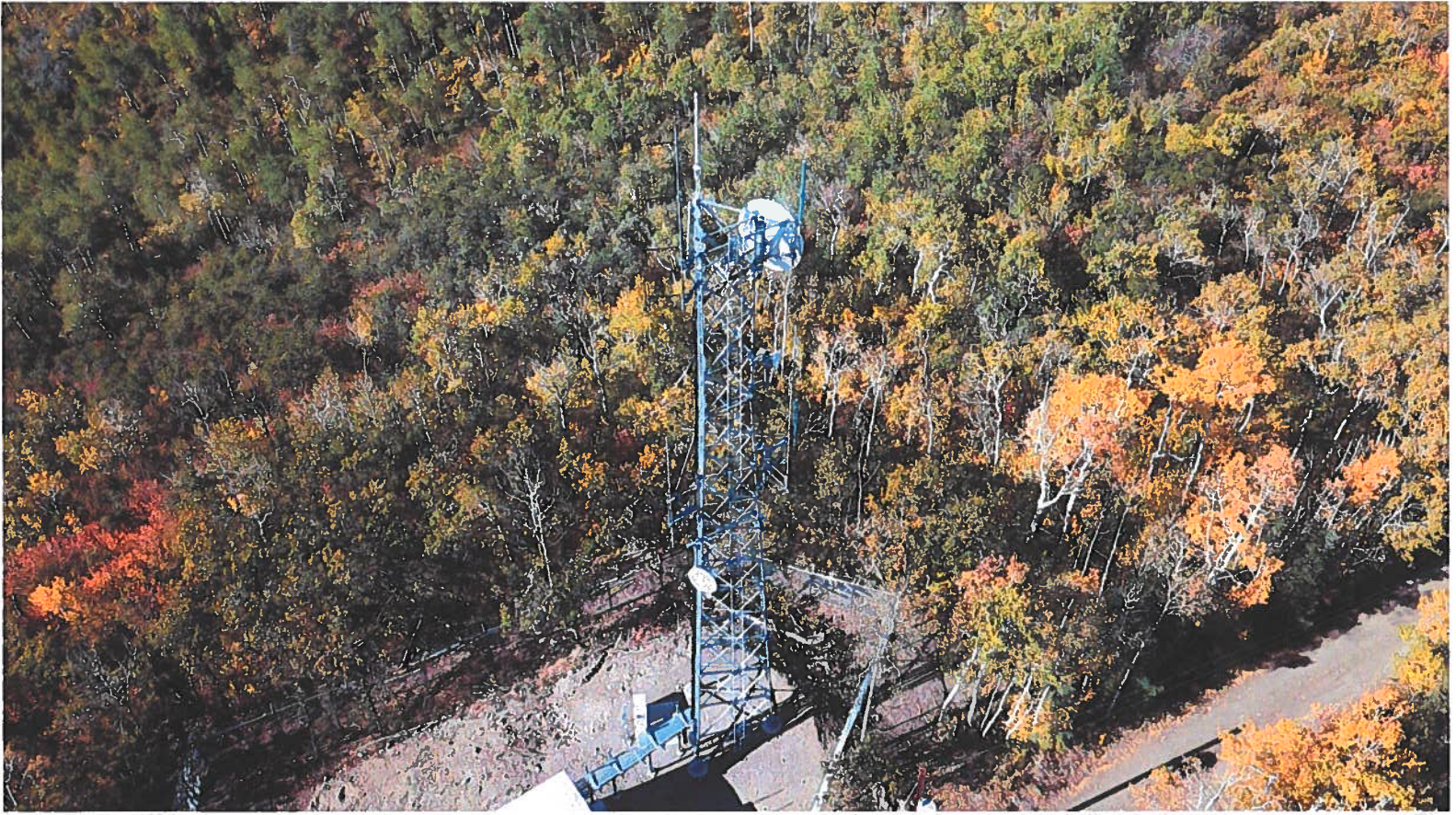
**Wednesday, January 22nd, 2020
AT 6:00 PM BEFORE PLANNING &
ZONING & Tuesday February 4th,
2020 at 6:00pm BEFORE CITY
COUNCIL IN CITY HALL**

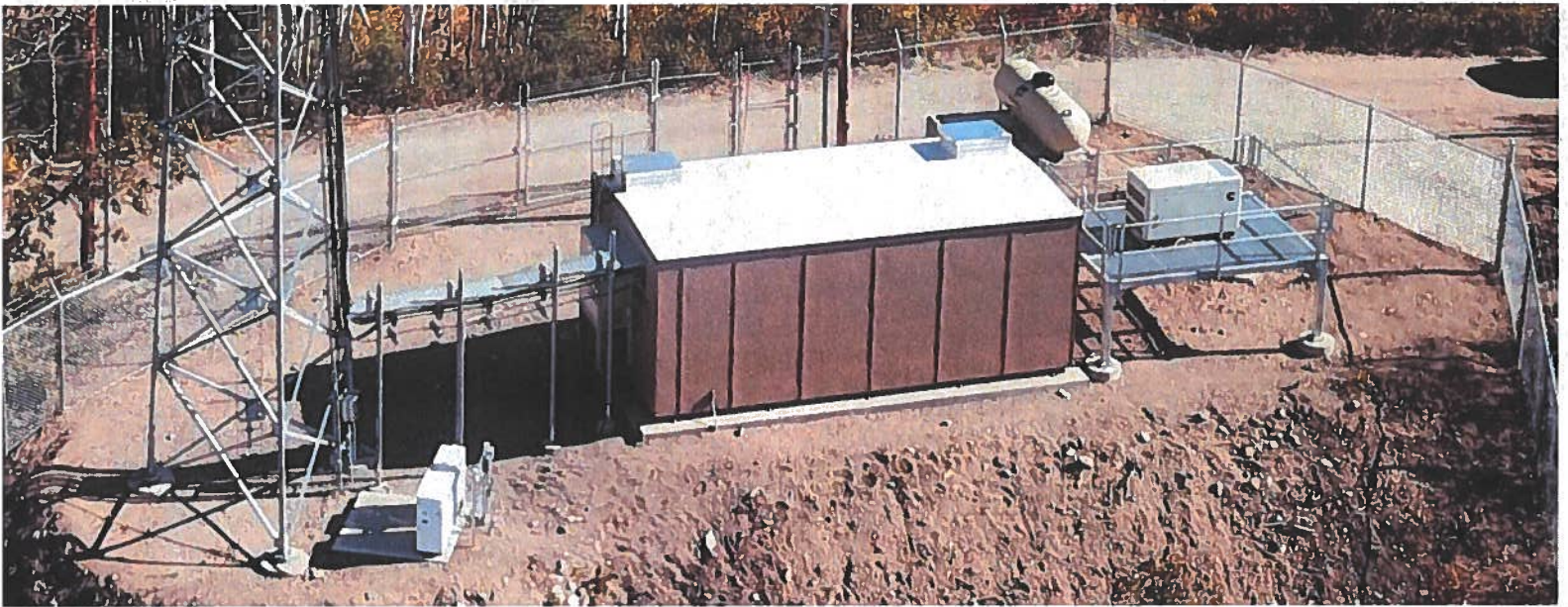
AT 800 HARRISON AVENUE, LEADVILLE, COLORADO.

**WRITTEN COMMENTS SHOULD BE MAILED TO SARAH DALLAS,
CITY OF LEADVILLE, 800 HARRISON AVE. LEADVILLE, CO 80461**

BY January 16th, 2020













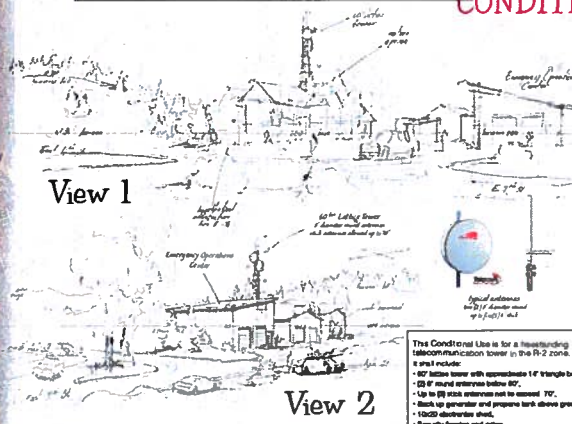
EXISTING CONDITIONS
 scale 1 inch = 50 feet

Condition by the Applicant/Owner
 The applicant/owner warrants that the information provided in this application is true and accurate to the best of their knowledge and belief, and that they have provided all necessary information to the City of Leadville to make a complete and accurate review of this application.

Signature of Applicant _____ Date _____
 Signature of Owner _____ Date _____

Lake County Emergency Operations Center TELECOMMUNICATION HUB Leadville, Colorado CONDITIONAL USE PERMIT

applicant: Lake County Sheriff
 December 16, 2019 expires: January 12, 2020

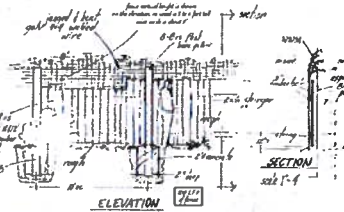


View 1

View 2

- The Conditional Use is for a freestanding telecommunication tower in the R-2 zone. It shall include:
- 60' lattice tower with approximately 14' triangle base.
 - 120' of metal exterior lattice tower.
 - Up to 10' steel antenna not to exceed 10'.
 - Stack up generator and propane tank above ground.
 - 1000' electrical shield.
 - Security fencing and gates.
 - Access drive and associated parking, landscaping, lighting and signage.

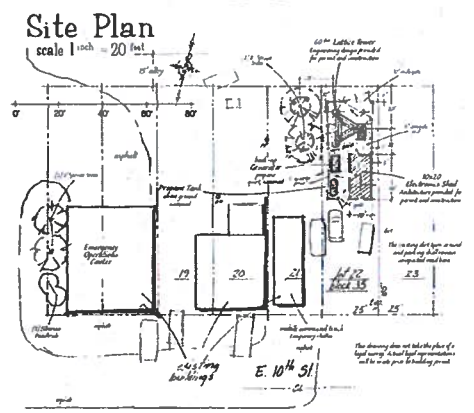
LEGAL DESCRIPTION: Lots 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.



6 feet tall Wood Security Fence Detail
 8" tall with Metal Mesh

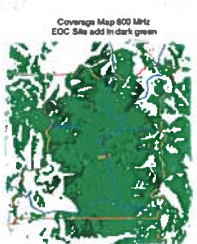


Similar Lattice Towers



Site Plan
 scale 1 inch = 20 feet

ORIGINATED BY
 Leadville Planning
 Commission
 1/16/20



1/16/20
 These drawings are conceptual. Information has been compiled from other sources. The perspective drawings are not to scale. This document is intended to be a catalyst for further planning & design.

Letter of Intent

The Lake County Sheriff in conjunction with all the emergency services in Leadville/Lake County (Leadville Police Department, Leadville Fire Department, St. Vincent Ambulance Services, Lake County Road and Bridge, Office of Emergency Management, Colorado State Patrol and Search and Rescue) all unanimously agree communications in Leadville/Lake County is a significant life safety issue. The project is scheduled for the Spring/Summer of 2020. We are proposing a new 60 foot, lattice tower, with stick antennas to be placed behind the Search and Rescue/Office of Emergency Management building which is located at 700 E. 10th Street, Leadville, Colorado. Currently Leadville/Lake County has two (2) tower sites which provides radio coverage. The site chosen is in line of site with one of the towers located on Hagerman Pass which is west of the County as the other tower is located on Granite Hill, southwest of the County. These two (2) towers provide approximately 45% coverage to the city and county. New towers put into service needs to be within the line of site of an existing tower to be able to receive and transmit radio transmissions.

We have significant coverage issues in our community and have identified the following problem areas with no radio coverage inside the following buildings:

1. Lake County Intermediate School;
2. Lake County High School;
3. West Park Elementary;
4. St. Vincent Hospital;
5. Bottom floor of the Lake County Courthouse;
6. Colorado Mountain College classrooms;
7. Tabor Apartments;
8. Department of Social Services; and,
9. Portions of Leadville City Hall.

Several areas on Hwy 91 have no coverage past MM8 to the county line. Climax Mine, the east side of Leadville/Lake County, Hwy 82 past the town of Twin Lakes has limited to no coverage at all. Independence Pass to Aspen has no radio coverage nor

cell phone service. Aside from the areas we all travel frequently if not daily, there is little to no coverage in the backcountry of our county. These radio coverage issues affects all of our community. Often, responders on patrol or on a call in one of these affected areas **“WILL NOT”** hear radio traffic of incoming calls. This is a major issue which impacts our residents safety and the safety of the tourists who come to visit our city and county every year.

The specifications concerning the tower will be painted to fit within the topography of the area, enclosed in an opaque fence and coincide with the landscape within the neighborhood. Landscaping will be done accordingly with trees and bushes on the outside fence which will distract from the tower. On the inside of the fence, along with the tower, a small building approximately 10'x 20' will hold electronics relevant to the tower, a generator for emergency electric supply, and a 1,000 gallon propane tank used to fuel the generator.

This past Spring we had a very unfortunate turn of events consisting of an individual who was suffering from a life threatening event, unable to be treated by our local EMS because they did not hear their radios. Our community member's situation did not end well. We need to improve what we know is broken.

Having the new tower in place will not only improve radio coverage for all emergency responders up to 80% but will also provide the necessary coverage/services for the well-being of our citizens/visitors. Emergency responders life line will be heard, messages received greatly improving the ability to do what we all want: **“The ability to do our jobs and save lives without unnecessary barriers.”** The communication issue can and will be resolved by adding the new tower.

The tower is large enough to rent space to cell phone providers, providing additional benefits to the residents/visitors of our community, without cost to our residents. This may add to the attractiveness of Leadville/Lake County, being able to have the convenience of better cell coverage within the beauty of our community. The tower will also aid in adding a source of tie-end to future towers in the southern end of the county adding complete coverage for the southern end of Lake County.

The necessary funding for the tower will be provided by Lake County; and the infrastructure needed to support and maintain the tower would be funded by the State of Colorado. With local approval, the Lake County Sheriff will be applying for state participation, specifically to help fund telecommunication tower projects. There is between \$500,000 to \$750,000 available for participation. However, this money will no longer be available after after the application period in February. Without this funding, Lake County will have insufficient funds to move forward with the project causing

emergency services and previously mentioned departments and agencies to continue working without the necessary coverage needed to perform their duties.

Addendum to Telecommunications Tower CUP - January 15, 2020
Provided by Augustina Remedios, Lake County Sheriff's Office

Applicant: Lake County Sheriff, Amy Reyes

Lake County Sheriff, Amy Reyes is applying on behalf of Lake County Board of Commissioners for a 60 foot DTR (Digital Trunked Radio) tower, to be located on property owned by the City of Leadville.

The following information will be provided prior to permitting:

1. A legal description of the property prepared by a licensed Colorado land surveyor as required by Ordinance 17.72.070
2. A title search
3. Property agreements with the City of Leadville giving authority, if approved, for construction of the tower on the City's property, Block 35 - Lots 17, 18, 19, 20, 21, 22
4. Easement identification
5. All costs, whether to be paid by Lake County or monies given by the State, shall be determined

Purpose Statement

This project will include the construction of a Digital Trunked Radio Tower with a back-up generator, propane tank, and accessory equipment building to house microwave equipment, all to be contained by sight obscuring fencing. The location for this project, on lots adjacent to the EOC, was chosen for its line of sight to an existing tower on Hagerman Pass. This tower is estimated to increase radio coverage in Lake County from 45 percent to between 75 and 80 percent.

Funding

Sheriff Amy Reyes is applying for funding through the Governor's Office of Information Technology (OIT) that, if accepted, would supply between \$500,000 to \$750,000. This year's application (2020); the announcement for the application from 2018 provided by OIT; and HB 18-1325 are included with this addendum to the CUP application. This funding would cover the construction of all infrastructure on site, not including the tower. Lake County is responsible for purchasing and constructing the tower. The DTR equipment, microwave equipment, propane tank, fuel, and back-up generator will be supplied by the OIT. Lake County is responsible for funding commercial power to the site, landscaping, painting of the tower, and fencing.

Ownership and Maintenance

The tower and equipment shelter will be owned by the Board of County Commissioners (BOCC). Co-location can be accommodated so long as it does not interfere with public safety radio transmissions; however, it will not be pursued at this time and will require an amendment to this CUP. All DTR and microwave equipment owned by the State will be isolated and locked from all other equipment in the shelter. The OIT will maintain the tower, equipment shelter, and equipment inside the shelter. Depending upon agreements between the State and Lake County, access can be given to select personnel from Lake County. The State will have control of security systems to monitor those entering the site. In case of emergency, responders can be given a key and notified of security entrance requirements prior to any emergency to access the building and equipment. The generator will be tested at least once a year.

Supporting Agencies

As seen by the letters of support submitted with the application, there are various agencies and groups within the City of Leadville and Lake County that have a vested interest in the completion of DTR tower project. Members of the Office of Emergency Management have assisted in providing details for the project and additional contacts who can provide more information on the application, construction, maintenance, requirements, details for the site, and need for the tower. The Lake County Emergency Services Council (ESC) serves as the Local Emergency Planning Committee (LEPC). Communications have been a top priority for the ESC/LEPC and would be directly impacted by the approval of the tower. The purpose statement for the ESC, mission of the Office of Emergency Management (OEM), and the "Emergency Planning and Community Right-to-Know Act" provide clarity on the ESC and OEM's interest and role in the project, and are stated as follows:

Purpose Statement: The purpose of the *Lake County Emergency Services Council* [ESC] is to provide a forum for cooperation, communication, and coordination among the entities providing emergency services to the citizens and visitors of Lake County and the City of Leadville, Colorado. The Council shall advise, inform and give recommendations to the Board of County Commissioners of Lake County and the City of Leadville on emergency services issues. The recommendations may result in BOCC resolutions, regulations, policies or procedures for Lake County.

Office of Emergency Management mission: The mission of the Lake County Office of Emergency Management is to lead and coordinate Lake County and the City of Leadville's efforts to prevent, protect, mitigate, respond and recover from all-hazards events; and assist with regional, state and federal emergencies and disasters.

The federal **“Emergency Planning and Community Right-to-Know Act”** (EPCRA), 42 U.S.C. § §11001 et seq., was adopted by Congress in 1986. EPCRA Section 312 (42 U.S.C. §11022) requires regulated facilities to submit a report of their emergency and hazardous chemical inventory to the State Emergency Response Commission (SERC), the Local Emergency Planning Committee (LEPC), and the local fire department annually.

17.72.070.G.

Standards of Approval—Freestanding Telecommunications Facilities.

1. **Freestanding telecommunications facilities shall be evaluated for approval based on the following criteria, although the city may waive or reduce the burden on the applicant of one or more of these criteria if the city concludes that the goals of this section are better served thereby.**
 - a. **Height or size of the proposed tower;**
 - 60 ft tower, with stick antennas which will bring the total tower and antenna height to approximately 70 feet.
 - b. **Proximity of the tower to residential structures and residential district boundaries;**
 - To the best of our knowledge and measurement, the closest residence is approximately 215' directly to the west from the proposed tower. Residences to the southwest are about 270' away. To the northwest are 3 new homes about 270' away and the new home on the northwest corner of 11th and Ash is about 325' from the proposed tower.
 - The proposed tower is about 240' from the east boundary of the R-2 district which is also the City limits. The same is evident to the north at 490'. The closest zone district boundary to the west is about 1500' from the tower at Hazel St. That zone district is (TR) Traditional Residential.
 - c. **Nature of uses on adjacent and nearby properties;**
 - The proposed site and the surrounding lots are zoned for R-2; however, they are all currently owned by the City. Most of these lots are vacant other than the lot in the southwest corner of the block on which the EOC is located. The majority of the surrounding neighborhood to that block is made up of residential uses.
 - d. **Compatibility with the surrounding topography;**
 - Surrounding topography is mostly flat with some gradual slope to the east leading up to the Mosquito Range. The tower will be painted to match the topography of the area.
 - e. **Compatibility with the surrounding tree coverage and foliage;**
 - There is little to no foliage on or surrounding the site.
 - f. **Design of the tower, with particular reference to design characteristics that have the effect of reducing or eliminating visual obtrusiveness;**
 - The tower will be a lattice design that will be painted to match the topography of the area. The opaque fence will be comparable to fences in the neighborhood. The outside of the fence will have landscaping with bushes and trees to add a more pleasing appearance to the area.

g. Proposed ingress and egress;

- The only traffic going on and off the site will be for the state, OIT, to routine maintenance.

h. Availability of suitable existing freestanding telecommunication facilities and other structures. No new towers shall be permitted unless the applicant demonstrates to the reasonable satisfaction of the city that no existing freestanding telecommunication facility or structure can accommodate the applicant's needs; and

- There are currently only two towers that are providing EMS radio coverage to the city of Leadville, county of Lake. One tower is on Hagerman Pass the other tower is in the south of the county by Granite Colorado. These towers are not adequate, and are only providing approximately 45% coverage area to the city of Leadville, county of Lake. This tower is also instrumental in being able to improve coverage to approximately 75%-80% to our community present. The additional tower will be an instrumental line of site tower for another future tower in the southern end of Lake County in the future, with Fire Station 2 going into the southern end of the county.

i. The proposal is in conformance with the provisions of this section.

- As met and presented by the submittal requirements listed in section C of this ordinance.

17.52.040 Criteria for action on an application for conditional use.

All actions by the planning commission in reviewing and making a recommendation on an application for conditional use, and by the city council in approving or disapproving such application, shall be based in general upon the provisions of this chapter and specifically on the following criteria:

A. That the proposed conditional use conforms to the requirements and provisions of this zoning regulation;

The proposed telecommunications facility shall conform to the requirements and provisions of zoning regulation 17.72.070 -- Telecommunications facilities and dish antennas as listed under section C of the ordinance; 17.52.020 -- Conditional Use Permit Submittal Requirements; and, any conditions City Council sees necessary for the project to adhere to.

B. That the proposed conditional use is consistent with and in compliance with the Leadville comprehensive plan, as amended,

Leadville's Comprehensive Plan provides a vision for Chapter 3, stating: Investments in infrastructure that improve quality of life and support commerce will have a significant economic impact by making it possible for existing businesses to expand and by increasing the overall appeal of Leadville and Lake County to employers (p. 35).

Safety is one of the topics covered in Chapter 3: City Assets and Core Infrastructure. The biggest priority behind the construction of this tower is to improve safety response measures in the county. Increased coverage will provide improved communication for various agencies that provide other critical infrastructure and operations to Leadville and Lake County such as but not limited to Parkville Water District, Leadville Sanitation, emergency service providers, State Patrol, Fish and Wildlife Service, BLM, and the Forest Service. In addition to an improved safety, increased coverage would directly assist with economic development as mentioned in GOAL 2.13 and its Strategies A and C (Target and recruit businesses and organizations that can locate in Leadville and Lake County based on lifestyle or that can capitalize on the high elevation geography and public lands.) More coverage would provide a valuable asset to businesses involving outdoor recreation in Leadville and Lake County

for both safety and potential operational matters.

More coverage would also be available to areas included in the Future Land Use Plan City Periphery and 3-Mile Planning Area that currently have minimal to no coverage.

C. That the proposed conditional use is consistent with and in harmony with neighboring land uses and future intended land uses in the area;

The majority of neighboring land uses both currently and intended for the future are residential with the exception of the Emergency Operations Center located just southwest of and adjacent to the site. The City of Leadville owns the proposed site in addition to all lots immediately surrounding it. The surrounding neighborhood area is currently zoned as R-2. The proposed telecommunication facility site is located on the edge of this R-2 zoning district and the edge of the city limits creating little disruption to the harmony of the current neighboring residential uses. Future intended residential uses are proposed in the Future Land Use Plan City Periphery and 3-Mile Planning Area just outside of city limits north of the proposed site.

D. That the proposed conditional use will not result in overly intensive use of the land relative to the surrounding land;

The proposed site for the tower, will not have intensive use. It will be self-contained. If there is loss of electricity to the site, a generator will turn on, which is fueled by the 1,000 gallon propane tank. The generator will be contained within a small building, to reduce any noise pollution the generator may create in times of emergency, when the power goes down. The site will be enclosed by an opaque fence, which will fit in with the neighborhood current styles. The site will need minimal maintenance and upkeep to be done by the state and the state's expense. The maintenance and upkeep for the site is the only reason for traffic to and from the tower site.

E. That the proposed conditional use will not result in excessive traffic congestion or hazards to vehicular or pedestrian traffic;

The 60 foot lattice tower with stick antennas will be painted to match the topography of the area. The proposed site will be enclosed in a six-foot opaque fence built to shield public view of the facility and provide security. This will help negate any curious public to the site. The tower and generator will be contained within this six-foot privacy fence. The exterior and interior will also contain non intrusive cameras to monitor activity near the tower. This will help to ensure minimal danger to the public. The site chosen is behind and to the east of the current

Search and Rescue building. This site currently does not obstruct any views to the public, and is not on a right of way to the public. There will be an access road to the site, for maintenance of the tower traffic only.

F. That the proposed conditional use will not unnecessarily scar the land on which such use would be located and that the site be free from loose piles of soil or other materials and open, unprotected pits or holes;

The site will contain a small building to contain generator and electrical equipment, 80 foot tower, and propane tank all enclosed by an opaque fence. The exterior will be kept free of any debris or unsightly materials.

G. That the proposed conditional use will not be likely to prove detrimental to the public health, safety or welfare of city residents nor cause hardship for neighboring persons;

The proposed site will not be a determinant to public safety, to the contrary it will help improve public safety, health, and welfare. Currently, Lake County and the City of Leadville are deficient in terms of the radio reception for first responders. The current coverage area only covers less than 45% of Leadville and Lake county. What this means is that emergency responders are only able to utilize radio coverage through dispatch to less than 50% of Leadville and Lake County. Emergency responders go without vital radio reception every day. This includes in the Lake County Intermediate School, Lake County High School, the hospital, the bottom floor of the courthouse, most of Hwy 82 and in the town of Twin Lakes. All emergency responders, daily miss valuable information that comes over the radio, which inherently puts the public at risk. No hardship will be created by the tower. At most it will be aesthetically displeasing to neighbors. However, the benefit to the public and emergency responder, we feel outweighs the possible issues with aesthetics by neighbors.

H. That the proposed site of the conditional use is and will be free from natural and manmade hazards or such hazards as have been identified can and will be adequately mitigated;

The hazards to this site will be contained within an opaque fence which will be adequate to keep out curious public. The site will also have camera surveillance and alarm system, which will be monitored by the Lake County Sheriff's Office. The location will also have adequate signage to deter curious public from attempting to make entry.

I. That all roadway systems and access roads will be open and readily accessible to police, fire and other emergency and public safety vehicles on a year-round basis.

The site will have an access road for maintenance, this will be maintained year-round. This road can be used by emergency services if necessary.



Augustina Remedios <aeremedios@gmail.com>

Airport Overlay Zone

Paul Clarkson <pclarkson@co.lake.co.us>

Fri, Dec 13, 2019 at 9:44 AM

To: Brett Cottrell <bcottrell@co.lake.co.us>

Cc: Brad Palmer <bpalmer@co.lake.co.us>, Michael Irwin <mirwin@co.lake.co.us>, German Aguirre <gaguirre@co.lake.co.us>, Augustina Remedios <aeremedios@gmail.com>, "areyes@lakecounttyso.org" <areyes@lakecounttyso.org>, Cailee Hamm <EOC@co.lake.co.us>, Josh Adamson <jadamson@co.lake.co.us>

Thank you Brett. This is good news. We submit this application to the city on Monday.

Cailee, et. al., we should print the email from Brett and submit it with the application. Unless of course, Brett objects.

paul

From: Brett Cottrell <bcottrell@co.lake.co.us>**Sent:** Friday, December 13, 2019 6:50 AM**To:** Paul Clarkson <pclarkson@co.lake.co.us>**Cc:** Brad Palmer <bpalmer@co.lake.co.us>; Michael Irwin <mirwin@co.lake.co.us>; German Aguirre <gaguirre@co.lake.co.us>**Subject:** RE: Airport Overlay Zone

Paul,

In my research I believe the below applies, the first is from CFR 14 Part 77 FAA regs.....stating lighting required if above 200' AGL (above ground level), obviously this does not apply.

The second is from FAA Advisory Circular 70/7460-1L Chg 2.....stating that structures could be chosen to be marked that are below 200' AGL if they impose a danger to navigation, I believe this is not an issue either.

As mentioned in my previous email comment the structure requested (~70' radio tower) is on the outer edge of the APO in an area that is in a 'non-standard' flight path for navigation (runway patterns orbit to the west) and in a section of urban surroundings. Therefore, I again do not believe the airport has issue with the tower, nor do I think it need be lighted.

Call me if you have any other questions or concerns.

v/r

Brett

§77.17 Obstruction standards.

(a) An existing object, including a mobile object, is, and a future object would be an obstruction to air navigation if it is of greater height than any of the following heights or surfaces:

- (1) A height of 499 feet AGL at the site of the object.

(2) A height that is 200 feet AGL, or above the established airport elevation, whichever is higher, within 3 nautical miles of the established reference point of an airport, excluding heliports, with its longest runway more than 3,200 feet in actual length, and that height increases in the proportion of 100 feet for each additional nautical mile from the airport up to a maximum of 499 feet.

08/17/2018 AC 70/7460-1L CHG 2 CHAPTER 2. GENERAL 2

.1 Structures to be Marked and Lighted. Any temporary or permanent structure, including all appurtenances, that exceeds an overall height of 200 feet (61 m) above ground level (AGL) or exceeds any obstruction standard contained in 14 CFR Part 77 should be marked and/or lighted. However, an FAA aeronautical study may reveal that the absence of marking and/or lighting will not impair aviation safety. Conversely, the object may present such an extraordinary hazard potential that higher standards may be recommended for increased conspicuity to ensure aviation safety. In general, commercial outside lighting should not be used in lieu of FAA-recommended marking and/or lighting. Recommendations on marking and/or lighting structures can vary, depending on terrain features, weather patterns, geographic location, and in the case of wind turbines, the number of structures and overall design layout. **The FAA may also recommend marking and/or lighting a structure that does not exceed 200 (61 m) feet AGL or 14 CFR Part 77 standards because of its particular location.** The marking and lighting configurations are illustrated in Appendix A, Figures A-1 through A-27.

From: Paul Clarkson <pclarkson@co.lake.co.us>
Sent: Thursday, December 12, 2019 7:28 PM
To: Brett Cottrell <bcottrell@co.lake.co.us>
Subject: RE: Airport Overlay Zone

Brett,

I think red obstruction lights might be a problem, especially if they have to blink. It may be that if an aircraft is in the vicinity and at the elevation of the tower at night, they may be having a bigger problem than the tower. I defer to your experience and education but given that the neighborhood is residential, lights may be problematic. My recollection from when I used to do cell towers is that the FAA requires that towers be so labeled if they exceed 90'. But that was 20 years ago. It may have changed.

paul

[Quoted text hidden]



Lake County Office of Emergency Management

700 E 10th St., Leadville, CO 80461

719-293-1244

December 11, 2019

The Lake County Sheriff's Office is planning to apply for a funding opportunity through the Governor's Office of Information Technology to build a DTR (Digital Trunked Radio) System site next to the existing EOC location. This new DTR will provide a drastic increase to the existing 800mhz coverage, while also strengthening current coverage. A major benefit will be enhanced radio communication within buildings inside the City of Leadville. This DTR will also allow for another DTR site to be placed in the Southern part of the county, further increasing 800mhz coverage area.

The equipment that resides in the site will be fully maintained by the State of Colorado at no additional expense to Lake County or Leadville. One final benefit is that the Tower will belong to Lake County/Leadville and will allow for expansion of the VHF radio coverage as well. The tower can further be used for enhanced WiFi or any other justified need of the town.

The Emergency Services Council (ESC)/Local Emergency Planning Committee (LEPC) have collaborated on supporting this project and deemed communication a top priority for 2019-2020. The ESC/LEPC has been a group in Leadville/Lake County for almost a decade and is comprised of emergency services partners and stakeholders from the local, state and Federal level. Since early September, there has been specific and thorough discussion regarding improving communications across all agencies in Leadville and Lake County. The construction of this site proves the emergency services joint prioritization and partnership. The ultimate goal of our responding agencies is life safety for first responders and the community, which is directly impacted by improvements in radio coverage.

After reviewing the benefits to not only Lake County Office of Emergency Management, but numerous other agencies throughout the city and county, we have chosen to fully endorse this project.

Sincerely,

A handwritten signature in blue ink, appearing to read "Cailee Hamm", written over a horizontal line.

Cailee Hamm

Director, Office of Emergency Management
Chair, Emergency Services Council/LEPC



Augustina Remedios <aeremedios@gmail.com>

Fwd: Support for Lake County DTR Expansion

LCOEM Cailee Hamm <lakecountyoem@gmail.com>

Wed, Dec 11, 2019 at 7:40 PM

To: Amy Reyes <areyes@lakecountyso.org>, Augustina Remedios <aeremedios@gmail.com>, Sarah Dallas <admins@leadville-co.gov>, Paul Clarkson <pclarkson@co.lake.co.us>, Josh Adamson <jadamson@co.lake.co.us>, Craig Schreiber <craig@landart.design>

Hello,

Below is an informal letter of support from Walter Zorn who maintains our current DTR sites and is staff of OIT.

-Cailee

--

Cailee Hamm

Director, Lake County Office of Emergency Management

LakeCountyOEM@gmail.com | EOC@co.lake.co.us

m: 719-293-1244

Register today for Lake County Emergency Alerts: <http://tinyurl.com/LakeCountyEmergencyAlerts>

----- Forwarded message -----

From: **Zorn - OIT, Walter** <walter.zorn@state.co.us>

Date: Wed, Dec 11, 2019 at 3:18 PM

Subject: Support for Lake County DTR Expansion

To: LCOEM Cailee Hamm <lakecountyoem@gmail.com>Cc: jadamson@co.lake.co.us <jadamson@co.lake.co.us>

Ms Hamm,

As you know, Cailee, I've been a proponent of the DTR system for years and have (especially in the last 5 years) been mentioning the possibility of placing a DTR Tower and associated transmitters/receivers in near proximity to Leadville. This is mainly because of relatively poor coverage and resulting complaints from users - especially inside of buildings. The present radio sites (Hagerman and Granite) are owned by the USBR; and, they meet USBR needs reasonably well. However, they are not close to Leadville and thus, the radio waves don't penetrate structures well - especially substantial government structures (court houses, jails, etc.). These transmitters/receivers are over 10 Miles away from Leadville and more than half the town is lacking 'line-of-sight' with these towers. The lack of line-of-sight' combined with the type of structure construction are the two likely root causes of user complaints.

The DTR systems goals (on construction) was to cover 95% of the State of Colorado highways - not 95% or better coverage within towns. Thus, to accomplish better coverage in the most densely populated area of Lake County, Leadville, another transmitter/receiver site is needed. As you know, the density of population is correlated to the number of emergency service calls; so, it's only logical to augment the system with a new site in (or very near) Leadville. Also, if constructed, it could be a 'stepping stone' to other locations in the future.

Also, one of the leading concerns noted in after action reports is - communication. Some of this is user related, but on the technical side: adding another tower near the population center is obviously a good idea.

As a member OIT, anyone could certainly point to a bias on my part. But, the bias could certainly be negative biased. If a new facility is approved and installed - it would cause the Buena Vista shop (my shop) the labor to install the electronics of the system and provide its ongoing maintenance. Despite that ... the tower and associated buildings, etc. is a good idea. The interoperability between Fire, Medical, Police, Wildlife, Parks, CDOT, State Patrol, SAR, etc. is unsurpassed in any other radio system and allows public safety responders, inside and outside of Lake County to conveniently converge on an incident without delays (caused by lack of common communication systems).

Respectfully,

--

Walter L. Zorn

Electronic Specialist IV

12/14/2019

Gmail - Fwd: Support for Lake County DTR Expansion

Public Safety Communications Network



COLORADO
Governor's Office of
Information Technology
Serving people serving Colorado

P [719.395.7215](tel:719.395.7215) | C [719.966.9392](tel:719.966.9392)

P. O. Box 1731, Buena Vista, CO 81211

BVCC Warehouse, 15125 Hwys 24 & 285, Buena Vista, CO 8121

walter.zorn@state.co.us | www.colorado.gov/oit



(How am I doing? Please contact my manager Mike McQueen (Mike.McQueen@state.co.us) for comments or questions.)

800 Harrison Ave.
Leadville, CO 80461



Greg Labbe, Mayor
Office: 719.486.2571
Cell: 719.207.2072

Lake County
505 Harrison Ave.
Leadville, Colorado 80461

December 13, 2019

Dear Lake County Commissioners,

The City of Leadville is fully in support of Lake County Government building a new communications tower, along with supporting buildings and generators, on City of Leadville property, about 250 feet North of Ash Street between 10th and 11th Streets. This project will require a conditional use permit, but we feel this is an issue that we will gladly fast track for the benefit of the citizens of Leadville and Lake County.

Thank you,

A handwritten signature in black ink that reads "Greg Labbe". The signature is written in a cursive, flowing style.

Greg Labbe
Mayor, City of Leadville



Lake County Search and Rescue

700 E. 10th St
Leadville, CO 80461
719-486-3333
admin@lakecountysar.org

The Lake County Sheriff's Office is planning to apply for a funding opportunity through the Governor's Office of Information Technology to build a DTR (Digital Trunked Radio) System site next to the existing EOC location. This new DTR will provide a drastic increase to the existing 800mhz coverage, while also strengthening current coverage. A major benefit will be enhanced radio communication within buildings inside the City of Leadville. This DTR will also allow for another DTR site to be placed in the Southern part of the county, further increasing 800mhz coverage area.

The equipment that resides in the site will be fully maintained by the State of Colorado at no additional expense to Lake County or Leadville. One final benefit is that the Tower will belong to Lake County/Leadville and will allow for expansion of the VHF radio coverage as well. The tower can further be used for enhanced WiFi or any other justified need of the town.

Lake County Search and Rescue additional benefits of this DTR Site include:

- Radio contact in more areas of the County
- Improved radio communications as an All Hazards Response Team

The benefits of this DTR site far outweigh any detriments. After reviewing the benefits to not only Lake County Search and Rescue but numerous other agencies throughout the county, we have chosen to fully endorse this project.

Sincerely,

Chris Yeager
Command Staff, Lake County Search and Rescue



St. Vincent Hospital
822 W. 4th St.
Leadville, CO 80461

December 11, 2019

To whom it may concern,

We are writing to express our support of the proposed Digital Trunked Radio System (DTRS) site, to be constructed adjacent to the Lake County Emergency Operations Center (EOC). This DTRS site is essential to Lake County; it will allow much more robust radio coverage within the City of Leadville, and Lake County. Specifically, it will solve the current communications problem while responders work inside buildings. Currently essential intra-agency radio communications are problematic and responders must switch frequency bands while they are inside buildings. When moments matter this is a bad scenario.

Radio service is an essential lifeline to dispatch, and interrupted radio coverage creates unsafe situations while operating indoors. This new site will create a consistent lifeline that all responders need to operate safely and efficiently.

Additionally, the new tower will reach, or "talk to," the tower on Hagerman Pass. Any future site in Lake County will need this Hagerman Pass capability. This allows responders to communicate by radio with regional and statewide agencies.

The DTRS site will also be essential to expand the 800 radio frequency system within Lake County. Without this proposed tower at the EOC, we cannot have the robust 800 radio system that we need.

There are other advantages to the new tower. While the radio equipment and tower will be maintained the by the State of Colorado, they will be owned by Lake County. This will allow the county to add to systems such as the VHF radio, cell phone coverage, and HAM radio system. Lake County will also be able to offer space to companies like Comcast and CenturyLink, for internet coverage. This will be a huge benefit to Lake County as it continues to grow.

Lake County has only to benefit from the proposed DTRS tower. With added safety for our first responders, the ability to expand the system as needed, and the opportunity to offer other communications company's tower space, this will be a great addition to Lake County.

Sincerely,

A handwritten signature in blue ink, appearing to read "Gary Campbell".

Gary Campbell, RN, MBA
St. Vincent Hospital CEO

A handwritten signature in blue ink, appearing to read "Jeremiah Grantham".

Jeremiah Grantham, NRP
St. Vincent Ambulance Services Director

FRIENDS OF TWIN LAKES, Inc.
a 501(c)(3) Non-profit corporation
231 Lang St.
Twin Lakes, CO 81251

January 7, 2020

To Whom it May Concern

Re: Letter of support to build a Digital Trunked Radio (DTR) System site next to the existing Emergency Operations Center in Leadville, Colorado.

Dear Madams and Sirs:

The Friends of Twin Lakes, Inc., is a 501(c)(3) non-profit corporation engaged in improving the lives of residents and visitors to southern Lake County. This includes working with local governments and the Forest Service on many projects. We were active in procuring grants and raising funds totaling \$781,723 for Lake County for a new fire station in southern Lake County. The DTR system will benefit that multi-purpose facility while improving critical communications in southern Lake County along the Highway 82 and 24 corridors/recreation areas.

This tower provides a proactive opportunity to greatly improve communications of first responders and law enforcement inside many buildings in Leadville and when responding to events throughout Lake County. This tower should be viewed as a monument to those who risk all for our safety, saving lives and property by their actions. It should not be viewed as a detraction from the area. In addition, the tower creates an important point to bounce or repeat signals down to southern Lake County, increasing capacity of service in that area which is currently lacking. Finally, the tower does offer some revenue source if space is leased on the tower to 3rd parties and as the tower itself will belong to Lake County/Leadville it allows for needed expansion of the VHF radio coverage. As if these benefits were not enough, the equipment on the site will be fully maintained by the State of Colorado at no additional expense to the City of Leadville or County.

The benefits of this DTR site far outweigh any detriments. After reviewing the benefits not only to our members, area residents and visitors, but numerous other agencies throughout the county, we choose to fully endorse this project.

Warm regards,



Kelly J. Sweeney

President, Friends of Twin Lakes



Dec. 12, 2019

The Lake County Sheriff's Office is planning to apply for a funding opportunity through the Governor's Office of Information Technology to build a DTR (Digital Trunked Radio) System site next to the existing EOC location. This new DTR will provide a drastic increase to the existing 800mhz coverage, while also strengthening current coverage. A major benefit will be enhanced radio communication within buildings inside the City of Leadville. This DTR will also allow for another DTR site to be placed in the Southern part of the county, further increasing 800mhz coverage area.

The equipment that resides in the site will be fully maintained by the State of Colorado at no additional expense to Lake County or Leadville. One final benefit is that the Tower will belong to Lake County/Leadville and will allow for expansion of the VHF radio coverage as well. The tower can further be used for enhanced WiFi or any other justified need of the town.

Lake County Schools additional benefits of this DTR Site include:

Improved communications with first responders and LE agencies

The benefits of this DTR site far outweigh any detriments. After reviewing the benefits to not only Lake County Schools, but numerous other agencies throughout the county, we have chosen to fully endorse this project.

Sincerely,

Mike Vagher

Director Safety/Security





LAKE COUNTY Public Works

PO Box 952
429 East 12th Street
Leadville, CO 80461
Phone: 719-486-0259
Fax: 719-486-8479



December 11, 2019

The Lake County Sheriff's Office is planning to apply for a funding opportunity through the Governor's Office of Information Technology to build a DTR (Digital Trunked Radio) System site next to the existing EOC location. This new DTR will provide a drastic increase to the existing 800mhz coverage, while also strengthening current coverage. A major benefit will be enhanced radio communication within buildings inside the City of Leadville. This DTR will also allow for another DTR site to be placed in the Southern part of the county, further increasing 800mhz coverage area.

The equipment that resides in the site will be fully maintained by the State of Colorado at no additional expense to Lake County or Leadville. One final benefit is that the Tower will belong to Lake County/Leadville and will allow for expansion of the VHF radio coverage as well. The tower can further be used for enhanced Wi-Fi or any other justified need of the city.

Lake County Public Works' additional benefits of this DTR Site include:

- Increased coverages in outlying areas of the County.
- Possible increase in VHF coverage

The benefits of this DTR site far outweigh any detriments. After reviewing the benefits to not only Lake County Public Works, but numerous other agencies throughout the county, we have chosen to fully endorse this project.

Respectfully,

Brad Palmer
Director
Lake County Public Works

Michael Irwin
Assistant Director

816 Harrison Avenue Leadville, CO 80461

Phone (719) 486-2990 Fax (719) 486-3113 Emergency – Dial 911

www.lakecountyco.com/fire

Date: 12-10-2019

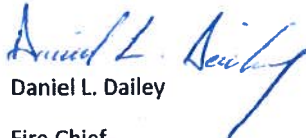
The Lake County Sheriff's Office is planning to apply for a funding opportunity through the Governor's Office of Information Technology to build a DTR (Digital Trunked Radio) System site next to the existing EOC (Emergency Operations Center) location. This new DTR will provide a drastic increase to the existing 800mhz coverage, while also strengthening current coverage. A major benefit will be enhanced radio communication within buildings inside the City of Leadville. This DTR will also allow for another DTR site to be placed in the Southern part of the county, further increasing 800mhz coverage area.

The equipment that resides in the site will be fully maintained by the State of Colorado at no additional expense to Lake County or Leadville. One final benefit is that the Tower will belong to Lake County/Leadville and will allow for expansion of the VHF radio coverage as well. The tower can further be used for enhanced WiFi or any other justified need of the town.

Leadville/Lake County Fire Rescue additionally feels that the most beneficial reason for this DTR site is responder safety.

The benefits of this DTR site far outweighs any detriments. After reviewing the benefits to not only Leadville/Lake County Fire Rescue, but numerous other agencies throughout the county, we have chosen to fully endorse this project. Please reach out to me if you would like to discuss my endorsement in further detail. Thank you for your time, and consideration on this project.

Respectfully,



Daniel L. Dailey

Fire Chief

LLCFR



COLORADO

State Patrol

Department of Public Safety

Troop 4C
PO Box 625
Frisco, CO 80443

December 10, 2019

I am writing this letter in support of the Lake County Sheriff's Office application for funding through the Governor's Office of Information Technology to build a DTR (Digital Trunked Radio) System site next to the existing EOC location in Lake County. This new DTR will provide a drastic increase to the existing 800mhz coverage, while also strengthening current coverage. The coverage map for Lake County and the southwestern portion of Summit County is spotty at best. There are numerous areas that have no DTR coverage on Colorado 91 and Colorado 24 between Interstate 70 and Leadville, which create obvious safety concerns for first responders.

Colorado 91 and Colorado 24 are vital links for Leadville to the Interstate system and are heavily traveled by traffic utilizing the area ski resorts to include Copper Mountain and Ski Cooper. Additionally, they are often utilized as alternate routes when Interstate 70 is closed due to inclement weather, or safety concerns related to motor vehicle crashes. The increased traffic in the winter has to navigate these roadways during poor weather conditions which increases the number of crashes that occur. First responders have no DTR radio coverage in areas along Colorado 91 and Colorado 24 making communications impossible with outside resources responding to offer aid to injured people.

This DTR will also allow for another DTR site to be placed in the southern part of Lake county, further increasing 800mhz coverage for areas that have poor coverage on the southern parts of Lake County, eastern portions of Pitkin County, and northern portion of Chaffee County.

Another critically important benefit of the new system will be the increase of coverage inside the buildings in Lake County, specifically the City of Leadville. This is another very serious first responder concern as the current coverage doesn't offer sufficient signal strength for transmission, and reception, inside many of the buildings located in Leadville. This becomes an issue during routine work and critical incidents that may happen at any time to include active threat situations where communication is the most important tool available to our troopers and responding officers and deputies from the agencies tasked with providing public safety services in Lake County.

Communications is routinely identified as the number one issue during incident action reviews of critical incidents and interagency activities. This system will provide a vital infrastructure piece to reducing these issues in a rural area of Colorado that has become a tourism and industry center.

Sincerely,

Captain Jared G. Rapp
Troop Commander, Troop 4C
Colorado State Patrol
PO Box 625
201 Peak One Drive
Frisco, CO 80443
jared.rapp@state.co.us
Phone: 970-668-6842



1. **Purpose.** The purpose of this memorandum is to expressed unqualified support for the Lake County Digital Trunk Radio (DTR) site co-located at the Lake County Emergency Operations Center (EOC).
2. **Discussion.** The Lake County Sheriff's Office is planning to apply for a funding opportunity through the Governor's Office of Information Technology to build a DTR (Digital Trunked Radio) System site next to the existing EOC location. This new DTR will provide a dramatic increase to the existing 800mhz coverage, while also strengthening current coverage. A major benefit will be enhanced radio communication within buildings inside the City of Leadville. This DTR will also allow for another DTR site to be placed in the Southern part of the county, further increasing 800mhz coverage area.
3. The equipment that resides in the site will be fully maintained by the State of Colorado at no additional expense to Lake County or Leadville. One final benefit is that the Tower will belong to Lake County/Leadville and will allow for expansion of the VHF radio coverage as well. The tower can further be used for enhanced WiFi or any other justified need of the town.
4. Please direct any questions to the undersigned.

Mike K. McHargue
South Central Region Field Manager
Division of Homeland Security and Emergency Management

An Act

HOUSE BILL 18-1325

BY REPRESENTATIVE(S) Hamner and Rankin, Young, Becker K., Catlin, Exum, Ginal, Herod, Jackson, Lee, Melton, Michaelson Jenet, Pettersen, Roberts, Rosenthal, Salazar, Singer, Valdez, Wilson, Duran; also SENATOR(S) Lambert, Lundberg, Moreno, Jahn, Kefalas, Tate.

CONCERNING MEASURES TO ADDRESS COVERAGE GAPS IN THE STATEWIDE DIGITAL TRUNKED RADIO SYSTEM, AND, IN CONNECTION THEREWITH, MAKING AN APPROPRIATION.

Be it enacted by the General Assembly of the State of Colorado:

SECTION 1. In Colorado Revised Statutes, 24-37.5-506, amend (2.5)(b); and add (2.5)(a)(III) and (2.7) as follows:

24-37.5-506. Public safety communications trust fund - creation.
(2.5)(a)(III) THE OFFICE MAY USE ANY UNENCUMBERED AND UNEXPENDED MONEY APPROPRIATED PURSUANT TO SUBSECTIONS (2.5)(a)(I) AND (2.5)(a)(II) OF THIS SECTION ON DIGITAL TRUNKED RADIO SYSTEM SITE SUPPORTING INFRASTRUCTURE AND DIGITAL TRUNKED RADIO SYSTEM SUPPORTING SOFTWARE AND HARDWARE.

(b) On or before November 1, 2014, and on or before November 1 of each year thereafter through November 1, 2025, the office, in

Capital letters or bold & italic numbers indicate new material added to existing statutes; dashes through words indicate deletions from existing statutes and such material not part of act.

consultation with the department of corrections, the department of natural resources, the department of public safety, the department of transportation, and any other state department OR LOCAL OR REGIONAL GOVERNMENT deemed appropriate by the office, shall submit a report to the joint budget committee of the general assembly detailing the use of the moneys MONEY appropriated to the fund pursuant to ~~paragraph (a) of this subsection (2.5)~~ SUBSECTION (2.5)(a) OF THIS SECTION. The report must include the following:

(I) Comprehensive documentation regarding the purposes for which the moneys MONEY appropriated pursuant to ~~subparagraphs (I) and (II) of paragraph (a) of this subsection (2.5)~~ were SUBSECTION (2.5)(a) OF THIS SECTION WAS used during the prior fiscal year and are IS being used during the current fiscal year and the anticipated use of the moneys MONEY that will be appropriated in future fiscal years;

(II) Of the total amount expended during the prior fiscal year for each of the purposes specified in ~~subparagraphs (I) and (II) of paragraph (a) of this subsection (2.5)~~ SUBSECTIONS (2.5)(a)(I) AND (2.5)(a)(II) OF THIS SECTION, the amount that was appropriated from the general fund and the amount that was appropriated from any other fund; and

(III) For the appropriation or appropriations for the next fiscal year, a recommendation regarding the amount to be appropriated from the general fund and the amount to be appropriated from any other fund for each of the purposes specified in ~~subparagraphs (I) and (II) of paragraph (a) of this subsection (2.5)~~ SUBSECTIONS (2.5)(a)(I) AND (2.5)(a)(II) OF THIS SECTION.

(2.7) (a) IN BOTH THE 2018-19 AND 2019-20 FISCAL YEARS, THE GENERAL ASSEMBLY SHALL APPROPRIATE TWO MILLION DOLLARS FROM THE GENERAL FUND TO THE FUND. THE OFFICE SHALL USE THE MONEY APPROPRIATED TO THE FUND PURSUANT TO THIS SUBSECTION (2.7) TO WORK IN PARTNERSHIP WITH LOCAL AND REGIONAL GOVERNMENT ENTITIES TO ADD ADDITIONAL RADIO TOWER SITES IN AREAS OF THE STATE THAT ARE EXPERIENCING CRITICAL COVERAGE GAPS FOR PUBLIC SAFETY RADIO COMMUNICATIONS. IN WORKING WITH LOCAL AND REGIONAL GOVERNMENTS TO ADDRESS SUCH COVERAGE GAPS, THE OFFICE SHALL PRIORITIZE THE FOLLOWING:

(I) LOCATIONS THAT HAVE EXISTING RADIO TOWER AND OTHER

INFRASTRUCTURE TO WHICH THE OFFICE MAY ADD EQUIPMENT;

(II) LOCATIONS IN WHICH A KNOWN PUBLIC SAFETY RADIO COMMUNICATIONS COVERAGE ISSUE MAY BE ADDRESSED; AND

(III) LOCATIONS THAT PROVIDE A BENEFIT TO BOTH THE STATE AND TO LOCAL GOVERNMENT FIRST RESPONDERS.

(b) ON OR BEFORE NOVEMBER 1, 2019, AND ON OR BEFORE NOVEMBER 1, 2020, THE OFFICE, IN PARTNERSHIP WITH LOCAL AND REGIONAL GOVERNMENT ENTITIES AS THE OFFICE DEEMS APPROPRIATE, SHALL SUBMIT A REPORT TO THE JOINT BUDGET COMMITTEE OF THE GENERAL ASSEMBLY DETAILING THE USE OF THE MONEY APPROPRIATED TO THE FUND PURSUANT TO SUBSECTION (2.7)(a) OF THIS SECTION. THE REPORT MUST INCLUDE COMPREHENSIVE DOCUMENTATION REGARDING THE PURPOSES FOR WHICH THE MONEY APPROPRIATED PURSUANT TO SUBSECTION (2.7)(a) OF THIS SECTION WAS AND IS BEING USED DURING THE CURRENT FISCAL YEAR AND THE ANTICIPATED USE OF THE MONEY THAT WILL BE APPROPRIATED IN THE NEXT FISCAL YEAR, IF APPLICABLE, AND ANY OTHER INFORMATION DEEMED RELEVANT BY THE OFFICE.

SECTION 2. Appropriation. (1) For the 2018-19 state fiscal year, \$2,000,000 is appropriated to the public safety communications trust fund created in section 24-37.5-506 (1), C.R.S. This appropriation is from the general fund. The office of the governor is responsible for the accounting related to this appropriation.

(2) For the 2018-19 state fiscal year, \$2,000,000 is appropriated to the office of the governor for use by the office of information technology. This appropriation is from reappropriated funds in the public safety communications trust fund under subsection (1) of this section. To implement this act, the office of information technology may use this appropriation for the public safety network.

SECTION 3. Safety clause. The general assembly hereby finds,

determines, and declares that this act is necessary for the immediate preservation of the public peace, health, and safety.



Crisanta Duran
SPEAKER OF THE HOUSE
OF REPRESENTATIVES



Kevin J. Grantham
PRESIDENT OF
THE SENATE



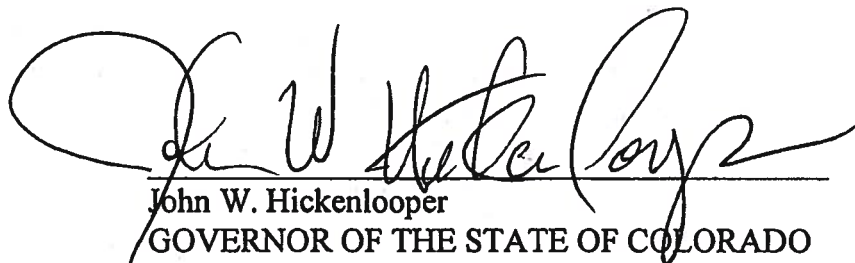
Marilyn Eddins
CHIEF CLERK OF THE HOUSE
OF REPRESENTATIVES



Effie Ameen
SECRETARY OF
THE SENATE

APPROVED

1:01 PM 4/30/18



John W. Hickenlooper
GOVERNOR OF THE STATE OF COLORADO

Attachment 1, Application	1/17/2020 3:51 PM	Adobe Acrobat D...	113 KB
Attachment 2, Emerg Tower Jan16	1/17/2020 4:57 PM	Adobe Acrobat D...	2,169 KB
Attachment 3, Letter of Intent	1/17/2020 4:13 PM	Adobe Acrobat D...	122 KB
Attachment 4, Addendum	1/17/2020 3:04 PM	Adobe Acrobat D...	89 KB
Attachment 5, Standards for Approval	1/17/2020 3:48 PM	Adobe Acrobat D...	29 KB
Attachment 6, CUP Criteria	1/17/2020 2:07 PM	Adobe Acrobat D...	81 KB
Attachment 7, Airport Overlay Zone (12)	1/17/2020 4:07 PM	Adobe Acrobat D...	123 KB
Attachment 8-a, OEM	1/17/2020 4:35 PM	Adobe Acrobat D...	704 KB
Attachment 8-b, State support	1/17/2020 4:36 PM	Adobe Acrobat D...	189 KB
Attachment 8-c, City of Leadville	1/17/2020 4:33 PM	Adobe Acrobat D...	35 KB
Attachment 8-d, LCSAR	1/17/2020 4:41 PM	Adobe Acrobat D...	557 KB
Attachment 8-e, St Vincent Hospital	1/17/2020 4:42 PM	Adobe Acrobat D...	56 KB
Attachment 8-f, FOTL	1/17/2020 4:32 PM	Adobe Acrobat D...	24 KB
Attachment 8-g, School Endorsement	1/17/2020 4:31 PM	Adobe Acrobat D...	275 KB
Attachment 8-h, Public Works	1/17/2020 4:40 PM	Adobe Acrobat D...	793 KB
Attachment 8-i, LLCFR	1/17/2020 4:39 PM	Adobe Acrobat D...	336 KB
Attachment 8-j, CSP Endorsement	1/17/2020 4:50 PM	Adobe Acrobat D...	69 KB
Attachment 8-k, Homeland Security, Mc...	1/17/2020 4:46 PM	Adobe Acrobat D...	137 KB
Attachment 9, HB 11-1325	1/17/2020 4:54 PM	Adobe Acrobat D...	195 KB
Attachment 10, OIT announcement	1/17/2020 2:05 PM	Adobe Acrobat D...	92 KB
Attachment 11, DRAFT OTIS Application...	1/17/2020 4:43 PM	Adobe Acrobat D...	242 KB
Attachment 11, HB11-1325, SITE READIN...	1/17/2020 4:43 PM	Adobe Acrobat D...	157 KB
Attachment 12, CUP Notice LETTER	1/17/2020 4:22 PM	Adobe Acrobat D...	129 KB
Attachment 12, Area of Interest (200 feet)	1/17/2020 4:04 PM	Adobe Acrobat D...	88 KB
Attachment 12, Mailing Affidavit	1/17/2020 3:25 PM	Adobe Acrobat D...	101 KB
Attachment 12, Posting photo	1/17/2020 3:26 PM	Adobe Acrobat D...	173 KB
Attachment 12, posting photo_2 (large...	1/17/2020 3:14 PM	Adobe Acrobat D...	129 KB
Attachment 12, Public notice POSTER fo...	1/17/2020 4:23 PM	Adobe Acrobat D...	55 KB
Attachment 13, building installation	1/17/2020 6:05 PM	Adobe Acrobat D...	4,237 KB
Attachment 13, installation (2) example	1/17/2020 6:40 PM	Adobe Acrobat D...	3,620 KB
Attachment 12, installation (1) example	1/17/2020 6:41 PM	Adobe Acrobat D...	391 KB
Attachment 13, installation example	1/17/2020 6:42 PM	Adobe Acrobat D...	3,541 KB
Attachment 13, paved Area EOC	1/17/2020 6:43 PM	Adobe Acrobat D...	85 KB