LEYDEN ROCK METROPOLITAN DISTRICT SPECIAL MEETING Leyden Rock Clubhouse (17685 W. 83rd Arvada, CO) Tuesday, February 6, 2024 at 6:00 P.M.

https://leydenrocklife.com/

Brett Vernon, President	Term to May 2027
Scott J. Plummer, Secretary	Term to May 2027
Jeff Cunningham, Treasurer	Term to May 2025
Christian Ardita, Assistant Secretary	Term to May 2025
Tanis Batsel Stewart, Assistant Secretary	Term to May 2025

NOTICE OF SPECIAL MEETING AND AGENDA

- 1. Call to Order/Declaration of Quorum
- 2. Director Conflict of Interest Disclosures
- 3. Approval of Agenda
- 4. Public Comment Members of the public may express their views to the Board on matters that affect the District on items not otherwise on the agenda. Comments will be limited to three (3) minutes per person.
- 5. Capital Projects Discussion
 - a. Discussion regarding Metro District Tract Projects
 - i. Major Vista
 - 1. String of Pearls
 - ii. Major Vista/Mudflow
 - 1. Timber Way (walkway between w 85th Blf & W 84th Pl)
 - 2. The 84th Ave area (between Yucca & Windy)
 - iii. Drainage Remediation
 - 1. Multiple Locations
 - 2. Winter Rock
 - b. Discussion Regarding Entrance Projects
 - i. Culebra St Entrance
 - ii. Yule St Entrance
 - c. Discussion Regarding Park Enhancement Projects
 - i. Westridge Park
 - ii. Daybreak Park
 - d. Discussion Regarding Trails
- 6. District Management Matters
- 7. Director's Matters
 - a. Discussion regarding City of Arvada's Emergency Evacuation Routes (enclosure)
 - b. Discussion regarding Jellyfish lighting
- 8. Other Business
- 9. Adjourn

2024 Capital Projects Regular Meetings

January 2; February 6; March 5; April 2; May 7; June 4; July 2; August 6; September 3; October 1; November 5; and December 3 at 6:00 p.m. via teleconference.

From: John Firouzi <jfirouzi@arvada.org>
Sent: Friday, January 19, 2024 1:12 PM
To: Brett Vernon <brett.vernon@leydenrocklife.com>
Subject: 1/16 Leyden Presentation Follow-up

Hi Brett,

The City of Arvada appreciates the opportunity to present an update on the Leyden Emergency Preparedness Study to the Leyden Rock Metro District Board on 1/16/24. *The attached slide deck is the information that we presented.* The project team has completed the technical analysis associated with the stakeholder recommendations that have been received throughout the project. The team is interested in proceeding to the final meeting to share the study results.

During the presentation, the City documented feedback from the Leyden Metro District Board related to the recommendations. We also understand that the Board would like some additional time to review and discuss the partnership framework request from the City. We appreciate this consideration and would like to hear from you on establishing an MOU (partnership framework).

Our goal is to proceed with setting up the next public meeting date for late February and share the results of the study as well as our partnership efforts. We ask for your feedback by February 5th to be able to develop the appropriate communication and meeting materials. We understand that your next board meeting is February 15th. Is it needed that the board meets again before providing the feedback to the City?

Please let me know. Thank you,

City of Arvada Leyden Neighborhood **Emergency Preparedness Study**

Assessment Overview and Final

Recommendations

January 16, 2024





Agenda

- ✓ Summary of Project Efforts
- Information on Assessment Methodology
- ✓ Technical Assessment Results
- ✓ Recommendations
- ✓ Study Next Steps
- ✓ Feedback from the Board









Summary of Project Efforts





Summary of Project Efforts

- May 1st SpeakUp Webpage Launched, Public Survey Published
- June 1st 1st Public Meeting (Community Discussion)
- June 13th Fire District CWPP Community Meeting
- June 30th Consultant Memo on Study Methodology
- July 17th Analyzing Recommendations (Short- and Long-Term Categories)
- August 4th Transportation System and Evacuation Analysis
- Sept. 6th 2nd Public Meeting (Open House)
- Dec. 15th Technical Team Review of CWPP and Study Recommendations
- Jan. 16th Metro District Presentation on Study Recommendations
- ARVADA Feb. TBD 3rd Public Meeting & Final Report



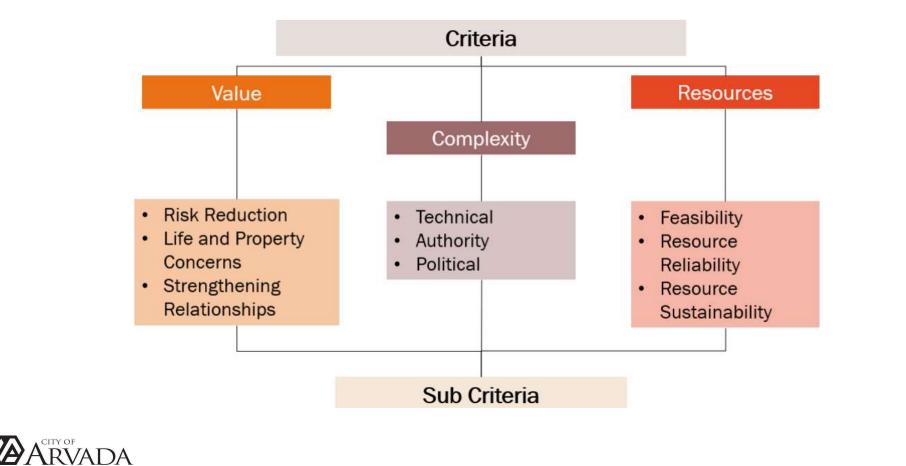


Assessment Methodology





Methodology Overview





Selection of Criteria and Sub Criteria

Criteria	Description	Sub Criteria	Description
		Risk Reduction	Evaluates the risk reduction, risk avoidance, or hazard mitigation benefits generated by the action.
Value	Answers WHY the recommendation should be implemented by evaluating the benefit and importance of the	Life and Property Concerns	Evaluates the potential reduction of risks related to immediate life loss and/or widespread property damage of the proposed action.
	proposed action.	Strengthening Relationships	Evaluates the internal and external relationships created or strengthened by the proposed action.





Selection of Criteria and Sub Criteria (cont.)

Criteria	Description	Sub Criteria	Description
	Answers HOW the recommendation should be	Technical	Evaluates the extent of process, technology, or expertise needed to implement the action.
Complexity	implemented by evaluating the anticipated difficulty associated with	Authority	 technology, or expertise needed to implement the action. Evaluates the concentration of control identifying the level of cooperation needed for an action. Evaluates the necessary alignment of
	implementing the proposed action.	Political	Evaluates the necessary alignment of expectations needed to build buy-in to implement the action.





Selection of Criteria and Sub Criteria (cont.)

Criteria	Description	Sub Criteria	Description				
	Answers WHAT it will take to	Feasibility	Evaluates the quantity of financial and staffing resources required to implement the action.				
Resources	implement the recommendation by evaluating the level of resource commitment	Resource Reliability	Evaluates the consistent availability of quality resources provided to implement the proposed action.				
	required to implement and sustain the proposed action.	Resource Sustainability	Evaluates the ongoing availability of resources needed to achieve and maintain the desired outcomes of the action.				





Quantitative Measures

Criteria	Sub Criteria	Ranking	Quantitative Measure
	Risk Reduction	 Low: Action provides none or few risk reduction benefits. Medium: Action provides an acceptable or reasonable level of risk reduction benefits. High: Action provides clear and critical benefits to risk reduction. 	 Individual property owners Individual HOA Multiple Neighborhoods
Value	Life and Property Concerns	 1- Low: Action does not address potential impacts to life and/or property 2 - Medium: Action could reduce potential life and/or property impacts 3 - High: Action will reduce potential life and/or property impacts 	 Property Damage Only (PDO) Addresses Injury Conditions Addresses Fatal Conditions
	Strengthening Relationships	 Low: Action does not involve relationship building Medium: Action includes relationship building between one or more parties High: Action includes involvement with multiple parties 	 Impacts only Internal City Staff Impacts City Staff and Metro District Impacts City Staff and External Partners
	Technical	 Low: Action requires outside subject expertise or knowledge. - Medium: Action requires subject expertise or knowledge currently existing within the city. - High: Action can be implemented within existing subject expertise or knowledge. 	 1- Requires External Resources 2- Internal Staffing w/On-Calls 3- Requires Internal Resources
Complexity	Authority	 Low: Action is subject to multiple authorities that are not aligned. Would require formal agreement. 2 - Medium: Action is aligned by multiple authorities. Would require an agreement in principle. 3 - High: Action is unilateral and does not require agreements to authorize action(s). 	 IGA Required. MOU Required No Agreement Required
	Political	 Low: Action is unlikely to be agreed to by leadership and external partners. Medium: Action requires information sharing to establish buy-in but is unlikely to generate issues. High: Action is unlikely to be agreed to by leadership and external partners. Action has existing buy-in among leadership and external partners. 	 Not Identified as CSG/CSR Council Strategic Goals (CSG) Council Strategic Result (CSR)
	Feasibility	 Low: Action is cost or staff prohibitive and requires major budget/contract actions. - Medium: Action requires redistribution of internal resources, action can be authorized by city managers. - High: Action can be funded and staffed within existing resource allocations within divisions/departments. 	1- \$500K+ 2- \$200K-\$499K 3- \$0 - \$199K
Resources	Resource Reliability	 Low: Action does not have approved resources available - Medium: Action requires resources that may not be sufficient or approved for the proposed action. - High: Action requires resources that are consistently available and are sufficient for the proposed action. 	 1- Capital Budget – Needed 2- Capital Budget – Proposed 3- Capital Budget – Programmed
	Resource Sustainability	 Low: Action requires sustained resources that are not currently available within existing budgetary mechanisms. Medium: Action requires sustained resources that may require re-allocation away from other programs. High: Action requires only a one-time investment or minimal ongoing resource investment. 	 Operating Budget – Needed Operating Budget – Adjusted Operating Budget – Approved

Technical Review Information

Process:

- 1. 3 Criteria / 9 Sub-Criterions Established
- 2. Quantitative Measures (Policies, Resources, Regs.) Listed
- 3. Agency Reps applied 27 Pt. Criteria, Low to High Ranking
- 4. Scores coded; Group reviews for quality control.
- 5. Most Effective Technical Recommendations Selected

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Technical Assessment



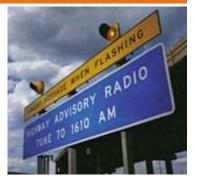


Recommendations: Communication

RECOMMENDATION CARRIED FORWARD

Invest in Electronic Message Boards and Highway Advisory Radios

Electronic Message Boards at strategic locations can provide warnings and alerts, as well as direct traffic during evacuations. Existing message boards could serve to display educational information for preparedness. Highway Advisory Radios will effectively enable emergency messages to be transmitted to motorists in transit.



RELATED RECOMMENDATIONS NOT CARRIED FORWARD

Enhance Cellular Network

Leyden Rock Metro District has evaluated proposed telecommunication installations and is discussing opportunities to enhance cellular reception. The recommendation is being addressed by the parties involved in the process.

Obtain Data and Utilize Neighborhood Message Boards

As HOA message boards are not under the City's ownership, the recommendation is not carried forward. The neighborhood may decide to utilize existing message boards to display educational materials for preparedness.

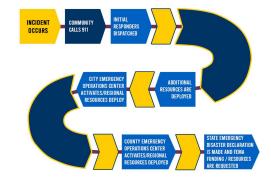
Recommendations: Operations

RECOMMENDATION CARRIED FORWARD

Update Emergency Operations Plan

The City and its partners are prioritizing updates to the Emergency Operations Plan using the CWPP, public input, and consultant analysis:

- Evacuation Annex with priorities, zonal evacuation phases, and annual reviews.
- **Communication/Notification Protocols**
- Promoting Smart911 and Lookout Alerts to support individuals with accessibility and functional needs



RELATED RECOMMENDATIONS NOT CARRIED FORWARD

Create Neighborhood Mitigation Plan The HOA maintains its website information with neighborhood specific plans and messages. The City supports this effort and encourages HOAs to use government information for emergency preparedness. Resources from the City, Arvada Fire Protection District, and FEMA are available for emergency planning purposes.

- https://arvadafireco.gov/
- https://www.arvadaco.gov/682/Emergency-Preparedness
- https://www.ready.gov/

Slide 14

John - Please provide context as to why this wasn't carried forward. Pepper, Alyssa, 2024-01-03T04:19:59.917 PA0

Updated. Please review. John Firouzi, 2024-01-03T22:15:29.749 JF0 0

Recommendations: Preparedness

RECOMMENDATION CARRIED FORWARD

Conduct Annual Evacuation Ready Workshop

Arvada Fire Protection District (AFPD) conducted two workshops in June 2023 related to property protection and neighborhood resiliency. The workshops are tactical offering residents Go Bags with check-lists, sign-up information for Smart911/Lookout Alert notifications, and education on personal property measures that can support resiliency.

Establish Neighborhood Network

The City of Arvada offers a "resilient neighbors" program through existing resources. The program is funded and staffed, offering educational workshops and neighborhood grants to support connecting neighbors, training, and education. Better informed residents can take steps to promote resiliency.

RELATED RECOMMENDATIONS NOT CARRIED FORWARD

Bi-Yearly Testing of Alert System

FEMA currently tests the emergency alert system – embedded by default in all cell phones. Localized testing of Smart911 and Lookout Alerts require individual sign-ups and do not off value-added additional information. Testing too frequently can result in communication fatigue, thus presenting an adverse effect.





Slide 15

- PA0 John Can you get stats from Nick on those registered for the alert system Pepper, Alyssa, 2023-12-20T06:09:13.745
- JF0 0 We won't be using stats here. We can add the stats to the report and Nick will be at the 1/16 meeting to help with any specifics on Lookout Alert and Smart911 registrations. John Firouzi, 2024-01-03T22:14:50.635
- PA1 John can you provide additional context on discussion? Pepper, Alyssa, 2024-01-03T05:09:42.475
- JF1 0 Updated. Please review. John Firouzi, 2024-01-03T22:14:57.327
- PA2 Establish neighborhood-based person-to-person networks to support notification during an active incident (potentially by coordinating with active bodies such as CERT). Pepper, Alyssa, 2024-01-03T05:10:37.126
- JF2 0 Updated. Please review. John Firouzi, 2024-01-03T22:15:12.368

Recommendations: Public Awareness

RECOMMENDATION CARRIED FORWARD

Finalize and Publish Communication Flowchart

The flowchart will be published with informational materials to increase public awareness of the emergency notification process. The City's emergency preparedness webpage will serve as a resource for public access and awareness.

lesilient Jeighborhood 2016 Jefferson C Hazard Mitigation Pla September is National Preparedness Month (PDF) anal Preparedness Month is observed each September to rais Jefferson County Hazar wareness about the importance of preparing for emergencies that or Mitigation n at any time. In 2023, FEMA is focusing on emergency prenared National, State an are an older adult, or carina for one, bein ergency prepared includes the basic steps with an empha Local Verified planning. Visit Ready.gov/older-adults for ways to help older adults Social Media epare for emergen Sources **Community Resilience** · FEMA Facebook The City of Arvada has plans, protocols, and resources in place fo · FEMA Twitter community resilience; however, personal preparedness is the best way to Center for Diseas noure your safety during any type of emergency or unexpected shock. We noourage every person to develop a plan for responding to disasters. Control Faceboo Center for Diseas Re Informed CO Emergency Fac Sign up for emergency notifications through LookoutAlert. The notific stem is used by emergency services agencies in the area to help · CO Emergency Twitter isseminate backed of anticipation of the second spatial in the second of anticipation of the second se second sec Jefferson County Sheriff Jefferson Co Smart911 website. • x ryada Poline View this step-by-step video to sign up for Lookout Alert. Hi 🔇, how can I h 5= 20 B 6 P

EMERGENCY PREPAREDNESS

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Local Plans &

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RELATED RECOMMENDATIONS NOT CARRIED FORWARD

Conduct Annual Evacuation Tabletop Exercise

The technical team conducts tabletop exercises to review emergency scenarios and test emergency protocols. These exercises and coordination efforts are ongoing through the year, with considerations to weather patterns, community growth, and hazards. The ongoing effort is more focused and offers more value than an annual exercise.

John - please provide context of discussion had regarding the flowchart and the tabletop exercise Pepper, Alyssa, 2024-01-03T05:11:08.630 PA0

Updated - please review. John Firouzi, 2024-01-03T22:13:53.363 JF0 0

Recommendations: Transportation Network

RECOMMENDATION CARRIED FORWARD

Enhance W 82nd Ave (Roadside) Corridor

Add reflective roadside markers, shoulder enhancements, and managed vegetation to establish a risk reduction zones along W 82nd Ave corridor. The risk reduction zone is based on AFPD analysis and establishes 73-foot buffer areas on both sides of W 82nd Ave to serve as mitigation areas, a protected passage corridor, and to protect fire fighters when defending the corridor.



SH-72 (Indiana St) Widening

Continue local efforts to widen the CDOT highway to support emergency response needs during traffic congestion. Highway widening address community growth and provides value beyond emergency needs.

RELATED RECOMMENDATIONS NOT CARRIED FORWARD

Develop Railroad Crossing, Enforce On-street Parking Ordinances, Adding Access Roads, and Zonal Evacuations, Expanding Trail/Sidewalks, Developing Jefferson Parkway

The 30–60-minute transportation analysis showed that enhancing the roadside infrastructure has greater cost-benefit analysis than the other transportation recommendations. Recommendations related to trail connections present life safety hazards such as trapping individuals in high-risk areas.

Slide 17

- **PA0** John Please provide additional context as you see fit as to why this wasn't carried forward. Pepper, Alyssa, 2024-01-03T04:45:50.213
- **PA0 0** I can also create multiple slides to describe why recommendations are not carried forward Pepper, Alyssa, 2024-01-03T04:48:32.023
- JF0 1 Updated. Please review. John Firouzi, 2024-01-03T22:13:42.059

Summary Recommendations

- Establish Neighborhood Network
- Invest in Electronic Message Boards and Advisory Radios
- Update Emergency Operations Plan
- Conduct Annual Evacuation Ready Workshop
- Finalize and Publish Communication Flowchart
- Add W 82nd Ave Roadside Reflectors
- Enhance W 82nd Ave Corridor (Risk Reduction Zone)
- SH-72 (Indiana St) Widening





Next Steps

- Internal Study to be used as model for regional coordination
- Partnership City and Metro District Framework on infrastructure needs.
- February Public Meeting #3, publish Final Report
- Formalizing Partnership (IGA) to initiate Engineering







Discussion and Feedback Welcome



