

ROUTT COUNTY BOARD OF COUNTY COMMISSIONERS

Timothy V. Corrigan
District I

Douglas B. Monger
District II

M. Elizabeth Melton
District III

Commissioners' Daily Agenda August 27, 2020

Times listed on the agenda are approximations and may be longer or shorter, or being earlier than scheduled, with no notice. Agendas are subject to change 24 hours before the meeting start time. To ensure you have the most up-to-date information, please check the agenda after 24 hours of its start time.

If you are joining the meeting for a specific item, please join 10 minutes before the item to ensure you are present for the beginning of the item.

Please click the link below to join the webinar:

<https://us02web.zoom.us/j/85106670945?pwd=UXZZSGx1O01Mc0s2cklGVk13Qld5UT09>

Password: 522

Or Telephone:

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

US: +1 253 215 8782 or +1 346 248 7799 or +1 669 900 6833 or +1 301 715 8592 or +1 312 626 6799 or +1 929 205 6099

Webinar ID: 851 0667 0945

Password: 522

The Routt County Board of County Commissioners or Board of Health may enter executive session pursuant to C.R.S. 24-6-402(4)(b) to receive legal advice related to specific legal questions concerning Routt County's COVID-19 response.

1. 9:30 A.M. **CALL TO ORDER**
2. 9:30 A.M. **PUBLIC WORKS**
Ray DuBois, Director

COMMISSIONER'S SIGNATURE ON ACCESS AND TELECOMMUNICATION EASEMENTS

Commissioners signature on two access and telecommunication easements across County property between Yampa Valley Electric Association and Routt County.

Documents:

BCCCF - 20200818 - EASEMENT SIGNATURE ROUTT COUNTY AND YVEA.PDF
PARCELMAP_08182020.PDF
PIN 141001003 EASEMENT.PDF
PIN 310900002 EASEMENT.PDF

3. **10:00 A.M. ENVIRONMENTAL HEALTH DEPARTMENT**
Scott Cowman, Director

YAMPA VALLEY SUSTAINABILITY COUNCIL UPDATES AND BUDGET REQUESTS FOR 2021

Documents:

BCC AGENDA COMMUNICATION FORM YVSC 20200824 .PDF
MOS_YVSC_COMMISSIONER_UPDATE_FINAL.PDF
YVSC_ROUTT_COUNTY_2021_BUDGET_REQUEST_FINAL.PDF
YVSC_STATE-OF-WASTE_2019.PDF
2020 RECYCLE GUIDE (FINAL, SMALL).PDF
RECYCLEBUDGETSUMMARYTAB.PDF

4. **10:30 A.M. PLANNING**
Kristy Winser, Director

DONALDSON LOT CONSOLIDATION EXTENSION REQUEST

Consideration to extend the deadline to finalize and record the final plat for the Donaldson Lot Consolidation project, PL-18-144 (Formerly known as Calistro Lot Consolidation).

Documents:

BCC COMMUNICATION FORM PL-18-114 DONALDSON SUBDIVISION EXTENSION.PDF
BCC MINUTES.PDF
STAFF REPORT WITH ATTACHMENTS 8.2.18.PDF
DONALDSON EXTENSION REQUEST LETTER.PDF

5. **11:00 A.M. YAMPA VALLEY REGIONAL AIRPORT**
Kevin Booth, Director

YVRA MONTHLY REPORTS FOLLOW-UP AND DISCUSSION TOPICS

Commissioner input and direction on YVRA monthly reports.

Documents:

BCC AGENDA FORM - YVRA DISCUSSION TOPICS AND REQUEST FOR INPUTS AND GUIDANCE 22 AUG 20.PDF
GBAC-STAR-ONLINE-AGREEMENT.PDF
REGIONAL SOLAR PLANNING - PHASE 1 RESULTS FINAL.PDF
TRIENNIAL EXERCISE PLAN 22 AUG 20.PDF

6. **12:00 P.M. MEETING ADJOURNED**

Please click the link below to join the webinar:

<https://us02web.zoom.us/j/85106670945?>

pwd=UXZZSGx1Q01Mc0s2ckIGVk13Qld5UT09

Password: 522

Or Telephone:

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

US: +1 253 215 8782 or +1 346 248 7799 or +1 669 900 6833 or +1 301 715
8592 or +1 312 626 6799 or +1 929 205 6099

Webinar ID: 851 0667 0945

Password: 522

All programs, services and activities of Routt County are operated in compliance with the Americans with Disabilities Act. If you need a special accommodation as a result of a disability, please call the Commissioners Office at (970) 879-0108 to assure that we can meet your needs. Please notify us of your request as soon as possible prior to the scheduled event. Routt County uses the Relay Colorado service. Dial 711 or TDD (970) 870-5444.

ROUTT COUNTY BOARD OF COUNTY COMMISSIONERS
AGENDA COMMUNICATION FORM

ITEM DATE: 8/27/2020	ITEM TIME: 9:30 AM
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FROM:	ROAD & BRIDGE
TODAY'S DATE:	8/18/2020
AGENDA TITLE:	Signature on Telecommunication and Access Easements between Routt County and Yampa Valley Electric Association.

CHECK ONE THAT APPLIES TO YOUR ITEM:	
<input checked="" type="checkbox"/> ACTION ITEM	
<input type="checkbox"/> DIRECTION	
<input type="checkbox"/> INFORMATION	

I. DESCRIBE THE REQUEST OR ISSUE:

Signature on easements allowing YVEA to install and maintain telecommunication lines across County owned property.

II. RECOMMENDED ACTION:

Approval of and Authorization for Commissioner to sign the telecommunication and access easements between Routt County and Yampa Valley Electric Association.

III. DESCRIBE FISCAL IMPACTS (VARIATION TO BUDGET):

PROPOSED REVENUE: none
PROPOSED EXPENDITURE: none
FUNDING SOURCE: Budget

IV. IMPACTS OF A REGIONAL NATURE OR ON OTHER JURISDICTIONS (IDENTIFY ANY COMMUNICATIONS ON THIS ITEM):

None identified

ROUTT COUNTY BOARD OF COUNTY COMMISSIONERS
AGENDA COMMUNICATION FORM

V. BACKGROUND INFORMATION:

Yampa Valley Electric Association (YVEA) is expanding their broadband network by installing fiber optic both underground and on their existing power poles in the County. Some of their existing power lines where this fiber will be installed overhead and maintained crosses County owned property. YVEA is requesting 20' wide easements to be able to install and maintain this fiber optic line where it crosses County property (see attached map for properties.) The easements have been reviewed and stamped by legal.

VI. LEGAL ISSUES:

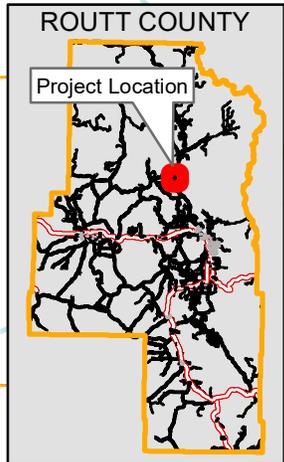
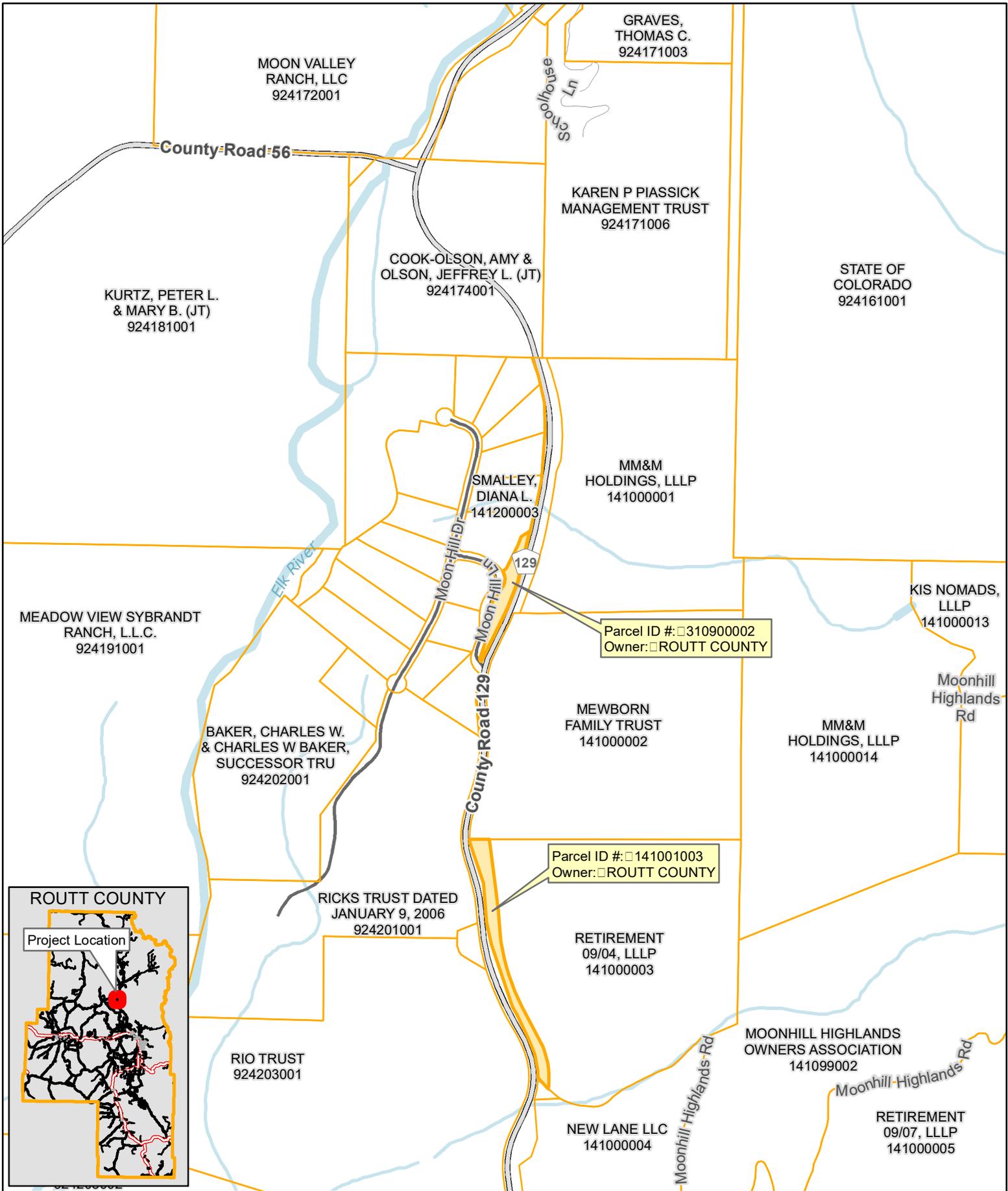
None identified

VII. CONFLICTS OR ENVIRONMENTAL ISSUES:

None identified

VIII. SUMMARY AND OTHER OPTIONS:

By allowing the easements, YVEA will be able to install and maintain fiber optic lines in a well-defined area on County property.



Clerk and Recorder: Please index in real property transfer records with Routt County, Colorado, a body corporate and politic as Grantor and Yampa Valley Electric Association, a Colorado corporation as Grantee.

TELECOMMUNICATIONS AND ACCESS EASEMENT AGREEMENT

This Telecommunications and Access Easement Agreement (the "Agreement") dated this 6 day of AUGUST, 2020, is between **Yampa Valley Electric Association, Inc., a Colorado corporation** ("YVEA") whose legal address is 2211 Elk River Road, Steamboat Springs, Colorado 80487, and **Routt County, Colorado, a body corporate and politic** (the "County"), acting by and through its Board of County Commissioners, whose legal address is 522 Lincoln Avenue, Suite 30, Steamboat Springs, Colorado 80487, of the County of Routt, State of Colorado.

Recitals

A. The County owns certain property in Routt County, in Parcel 3 Moonhill Highlands, Parcel #141001003, described in Warranty Deed dated the October 19, 1988, and recorded the October 19, 1988 in the Routt County Clerk and Records Office at Book 638, Page 312, as shown in Exhibit A (the "Property").

B. YVEA is preparing to install fiber optic cable on the existing overhead power line on the Property.

C. YVEA desires to obtain a Telecommunications and Access Easement (the "Easement") across the Property for the erection, construction, reconstruction, replacement, modification, up rating, removal, maintenance, and operation of telecommunications lines or system, including poles, monopoles, cross-arms, wires, cables, equipment, fixtures, structures and systems for the transmission of provision of commercial and non-commercial telecommunication services, advanced services and fiber optic services (including without limitation the transmission of voice, video and data signals and the leasing, licensing or other transfer of use if dark fiber strands), upon or under the Easement. The Easement includes the right of ingress and egress across the above property to construct, inspect and make such repairs, changes, alterations, improvements, removal from, substitutions and additions to facilities located within the Easement as YVEA may from time to time deem advisable, including by way of example and not by limitation: (a) the right to increase or decrease the number of poles, monopoles, fixtures, guy wires, conduits, wires, cables, transformers, vaults, sectionalizers, enclosures and pedestals; (b) the right, at YVEA's option, to replace any above ground facilities with underground facilities used for the same or similar purposes and to reconstruct, replace, remove, maintain and upgrade such underground facilities.

D. The County intends by this Agreement to grant to YVEA an Easement across a portion of the Property as more fully described in this instrument so that YVEA can install and maintain their new fiber facilities.

APPROVED AS TO FORM
ROUTT COUNTY ATTORNEY'S OFFICE
By: PK Date: 8/13/20

Grants, Terms and Conditions

In consideration of the Easement granted in this Agreement, and the mutual terms and conditions of this Agreement, the Parties hereby grant, covenant, and agree as follows:

1. County hereby grants to YVEA a perpetual, non-exclusive easement for access, ingress and egress on, over, and across the portion of the Property described in Exhibit A attached hereto and made a part hereof by this reference.
2. The Easement granted in Paragraph 1 above is for the purpose of access, ingress to and egress across the Property to construct, inspect and make such repairs, changes, alterations, improvements, removal from, substitutions and additions to facilities located within the Easement.
3. County shall not, erect or construct any building or structure (including but not limited to mobile homes or travel trailers), store flammable or explosive materials, stack any objects or materials, construct fueling operations, construct, install or operate above ground mechanical irrigation facilities which could make contact with YVEA's wires, poles or facilities, drill wells or conduct mining operations, alter or grade the ground surface, undertake or allow any action of use that might interfere with YVEA's uses or endanger or damage YVEA facilities within the easement without written permission from YVEA. Such permission shall not be unreasonably withheld. If County submits a request for permission to use the Easement area as herein described and does not receive a response thereto within thirty (30) days, such non-response shall be deemed to be permission for the County to use the property as described in its request.
4. Upon receipt of written notice from YVEA identifying material or property deemed by YVEA to interfere with the safe operation or maintenance of YVEA's lines or facilities, County shall remove the material or property within a written mutually agreed upon timeline.
5. All structures, poles, wires, and other facilities installed on, across, and under the Easement at YVEA's expense shall remain the property of YVEA, removable at the sole discretion of YVEA.
6. Non-use or limited use of this Easement shall not prevent YVEA from thereafter making full use of the Easement.
7. The provisions of this Easement shall be binding upon and shall inure to the benefit of the licensees, lessees, contractors, agents, heirs, executors, successors, and assigns of County and YVEA. The rights, privileges and obligations granted and created hereunder may be assigned, licensed or otherwise conveyed or transferred, in whole or in part. YVEA shall be entitled to all remedies at law or in equity to enforce the terms of this Agreement or to recover damages for breach. If any provision of the Agreement is held by a court of competent jurisdiction to be invalid or unenforceable or not run with the land, such holding shall not affect the validity or enforceability of the remainder of this Agreement. The headings and captions in the Agreement are used for convenience only and shall not be construed to affect its meaning.

8. County, for itself, its successors, and assigns, does covenant, grant, bargain and agree to and with YVEA, its successors and assigns, that County is well seized of the Property and has good right, full power and authority to grant, bargain, sell and convey the Easement granted in Paragraph 1 above, and that said Easement is free and clear from all former and other grants, bargains, sales, liens, taxes, assessments and encumbrances of any kind whatsoever. The Easement granted by the County to YVEA is appurtenant to and shall run with the land.
9. In the event that one party believes that the other party has violated the terms and conditions of this Agreement, the non-breaching party shall give written notice to the breaching party specifying the manner in which the non-breaching party believes the breaching party has violated the terms of this Agreement. The breaching party shall have 30 days in which to correct any violation of the terms of this Agreement. The breaching party shall not be in default under the terms of this Agreement if the violation has been corrected and has ceased during such 30 day period.
10. Any notice required under this Agreement may be personally delivered or mailed in the United States mail, first class postage prepaid to the party to be served at the following addresses:

County: Routt County Board of Commissioners
522 Lincoln Avenue, Suite 30

Steamboat Springs, Colorado 80487

YVEA: Yampa Valley Electric Association
ATTN: General Manager
2211 Elk River Road
Steamboat Springs, Colorado 80487

Notices personally served shall be deemed served on the date of delivery. Notices mailed shall be deemed served two business days following the date of mailing if mailed in Steamboat Springs, Colorado, and otherwise shall be deemed served three business days following the date of mailing.

1. This Agreement is to be recorded in the records of the Office of the Clerk and Recorder of Routt County, Colorado.

2. This Agreement shall be appurtenant to and run with the benefited properties respectively, to the successors and assigns of all or parts of such benefited properties. The rights of each party may not be sold, transferred, conveyed or assigned separately from the benefited property, except that if the owner of either benefited property also acquires additional adjoining property, the appurtenant easement for the benefited property shall be expanded to provide the same benefits of such easement to the additional expanded acquired property.

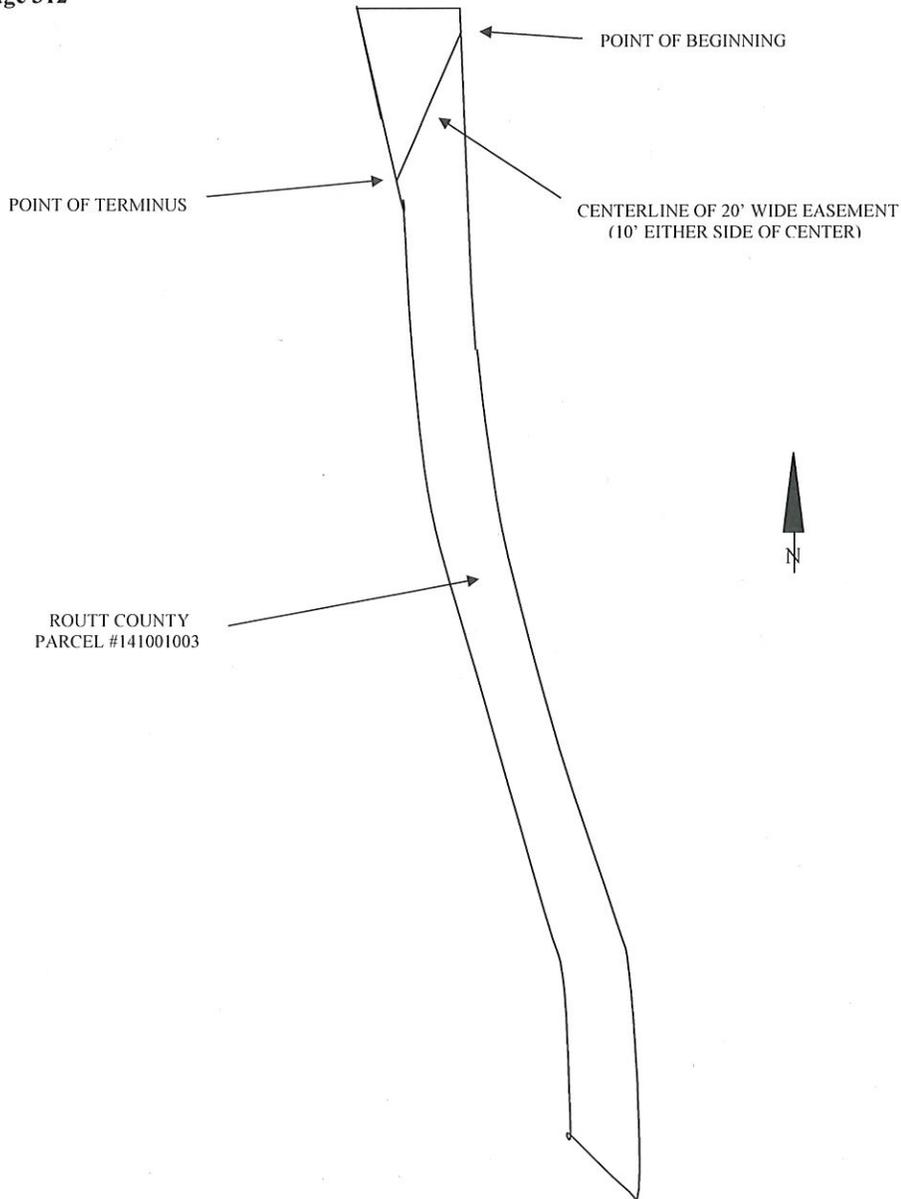
Notary Public

EXHIBIT "A"

EXHIBIT "A" attached to and made a part of that certain Yampa Valley Electric Association, Inc. Telecommunications and Access Easement dated ____ day of _____ 2020, by and between **Routt County, Colorado, a body corporate and politic**, Grantor, and Yampa Valley Electric Association, Inc., a Colorado Cooperative Association, Grantee, granting an easement being 20 feet in width, the center line of which is the fiber optic line as constructed, the approximate location of which is as depicted below, across the following described property being located in Routt County, Colorado;

Parcel 3 Moonhill Highlands, according to the Plat thereof, filed File No. 8847, County of Routt, State of Colorado.

Being a parcel of land more particularly described in Warranty Deed dated the 19th day of October, 1988 and recorded the 19th day of October, 1988 in the Routt County Clerk and Recorders Office at Book 638 Page 312



**THIS DRAWING IS NOT TO SCALE AND WAS NOT PREPARED BY A LICENSED SURVEYOR.
NO LEGAL MONUMENTS WERE USED IN ITS PREPARATION**

Clerk and Recorder: Please index in real property transfer records with Routt County, Colorado, a body corporate and politic as Grantor and Yampa Valley Electric Association, a Colorado corporation as Grantee.

TELECOMMUNICATIONS AND ACCESS EASEMENT AGREEMENT

6 This Telecommunications and Access Easement Agreement (the "Agreement") dated this day of August, 2020, is between **Yampa Valley Electric Association, Inc., a Colorado corporation** ("YVEA") whose legal address is 2211 Elk River Road, Steamboat Springs, Colorado 80487, and **Routt County, Colorado, a body corporate and politic** (the "County"), acting by and through its Board of County Commissioners, whose legal address is 522 Lincoln Ave., Suite 30, Steamboat Springs, Colorado 80487, of the County of Routt, State of Colorado.

Recitals

A. The County owns certain property in Routt County, in tract A, of Moon Hill Meadows, Filing No.1, identified as Parcel No. 310900002 also known as Outlot A Miller Light Subdivision on the Routt County Assessor's system, as shown in Exhibit A (the "Property")

B. YVEA is preparing to install fiber optic cable on the existing overhead power line on the Property.

C. YVEA desires to obtain a Telecommunications and Access Easement (the "Easement") across the Property for the erection, construction, reconstruction, replacement, modification, up rating, removal, maintenance, and operation of telecommunications lines or system, including poles, monopoles, cross-arms, wires, cables, equipment, fixtures, structures and systems for the transmission of provision of commercial and non-commercial telecommunication services, advanced services and fiber optic services (including without limitation the transmission of voice, video and data signals and the leasing, licensing or other transfer of use if dark fiber strands), upon or under the Easement. The Easement includes the right of ingress and egress across the above property to construct, inspect and make such repairs, changes, alterations, improvements, removal from, substitutions and additions to facilities located within the Easement as YVEA may from time to time deem advisable, including by way of example and not by limitation: (a) the right to increase or decrease the number of poles, monopoles, fixtures, guy wires, conduits, wires, cables, transformers, vaults, sectionalizers, enclosures and pedestals; (b) the right, at YVEA's option, to replace any above ground facilities with underground facilities used for the same or similar purposes and to reconstruct, replace, remove, maintain and upgrade such underground facilities.

D. The County intends by this Agreement to grant to YVEA an easement across a portion of the Property as more fully described in this instrument so that YVEA can install and maintain their new fiber facilities.

Grants, Terms and Conditions

APPROVED AS TO FORM
ROUTT COUNTY ATTORNEY'S OFFICE
By: EK Date: 8/3/20

In consideration of the Easement granted in this Agreement, and the mutual terms and conditions of this Agreement, the Parties hereby grant, covenant, and agree as follows:

1. County hereby grants to YVEA a perpetual, non-exclusive easement for access, ingress and egress on, over, and across the portion of the Property described in Exhibit A attached hereto and made a part hereof by this reference.

2. The Easement granted in Paragraph 1 above is for the purpose of access, ingress to and egress across the Property to construct, inspect and make such repairs, changes, alterations, improvements, removal from, substitutions and additions to facilities located within the Easement.

3. County shall not, within the easement, erect or construct any building or structure (including but not limited to mobile homes or travel trailers), store flammable or explosive materials, stack any objects or materials, construct fueling operations, construct, install or operate above ground mechanical irrigation facilities which could make contact with YVEA's wires, poles or facilities, drill wells or conduct mining operations, alter or grade the ground surface, undertake or allow any action of use that might interfere with YVEA's uses or endanger or damage YVEA facilities within the easement without written permission from YVEA. Such permission shall not be unreasonably withheld. If County submits a request for permission to use the Easement area as herein described and does not receive a response thereto within thirty (30) days, such non-response shall be deemed to be permission for the County to use the property as described in its request.

4. Upon receipt of written notice from YVEA identifying material or property deemed by YVEA to interfere with the safe operation or maintenance of YVEA's lines or facilities, County shall remove the material or property within a written mutually agreed upon timeline.

5. All structures, poles, wires, and other facilities installed on, across, and under the Easement at YVEA's expense shall remain the property of YVEA, removable at the sole discretion of YVEA.

6. Non-use or limited use of this Easement shall not prevent YVEA from thereafter making full use of the Easement.

7. The provisions of this Easement shall be binding upon and shall inure to the benefit of the licensees, lessees, contractors, agents, heirs, executors, successors, and assigns of County and YVEA. The rights, privileges and obligations granted and created hereunder may be assigned, licensed or otherwise conveyed or transferred, in whole or in part. YVEA shall be entitled to all remedies at law or in equity to enforce the terms of this Agreement or to recover damages for breach. If any provision of the Agreement is held by a court of competent jurisdiction to be invalid or unenforceable or not run with the land, such holding shall not affect the validity or enforceability of the remainder of this Agreement. The headings and captions in the Agreement are used for convenience only and shall not be construed to affect its meaning.

8. County, for itself, its successors, and assigns, does covenant, grant, bargain and agree to and with YVEA, its successors and assigns, that County is well seized of the Property

and has good right, full power and authority to grant, bargain, sell and convey the Easement granted in Paragraph 1 above, and that said Easement is free and clear from all former and other grants, bargains, sales, liens, taxes, assessments and encumbrances of any kind whatsoever. The Easement granted by the County to YVEA is appurtenant to and shall run with the land.

9. In the event that one party believes that the other party has violated the terms and conditions of this Agreement, the non-breaching party shall give written notice to the breaching party specifying the manner in which the non-breaching party believes the breaching party has violated the terms of this Agreement. The breaching party shall have 30 days in which to correct any violation of the terms of this Agreement. The breaching party shall not be in default under the terms of this Agreement if the violation has been corrected and has ceased during such 30 day period.

10. Any notice required under this Agreement may be personally delivered or mailed in the United States mail, first class postage prepaid to the party to be served at the following addresses:

County: Routt County Board of Commissioners
522 Lincoln Avenue, Suite 30
Steamboat Springs, Colorado 80487

YVEA: Yampa Valley Electric Association
ATTN: General Manager
2211 Elk River Road
Steamboat Springs, Colorado 80487

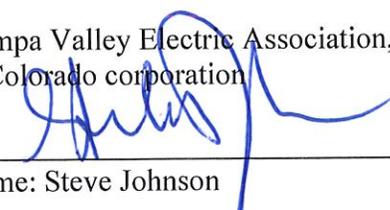
Notices personally served shall be deemed served on the date of delivery. Notices mailed shall be deemed served two business days following the date of mailing if mailed in Steamboat Springs, Colorado, and otherwise shall be deemed served three business days following the date of mailing.

11. This Agreement is to be recorded in the records of the Office of the Clerk and Recorder of Routt County, Colorado.

12. This Agreement shall be governed by and construed in accordance with the internal laws of the State of Colorado without reference to choice of laws rules. Venue for any action on this Agreement shall be in Routt County, Colorado. Each party warrants and represents to the other that this Agreement and the conveyances contained herein have been fully approved by such party and that the person signing for such party is fully empowered to enter into this Agreement on behalf of such party.

Executed on the 6 day of August, 2020.

Yampa Valley Electric Association, Inc.
A Colorado corporation

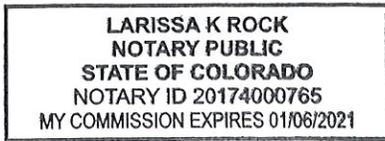

Name: Steve Johnson

Title: President and General Manager

STATE OF COLORADO)
)ss.
COUNTY OF ROUTT)

The foregoing instrument was acknowledged before me this 6 day of August, 2020, by Steve Johnson, as President and General Manager of Yampa Valley Electric Association, Inc., a Colorado corporation.

My commission expires 01/06/2021
Witness my hand and official seal.



Larissa K Rock

Notary Public

ROUTT COUNTY, COLORADO

Timothy V. Corrigan, Chair
Routt County Board of Commissioners

STATE OF COLORADO)
)ss.
COUNTY OF ROUTT)

The foregoing instrument was acknowledged before me this ___ day of _____, 2020, by Timothy V. Corrigan, the Chair of the Routt County Board of Commissioners, for Routt County, a Colorado local government body politic.

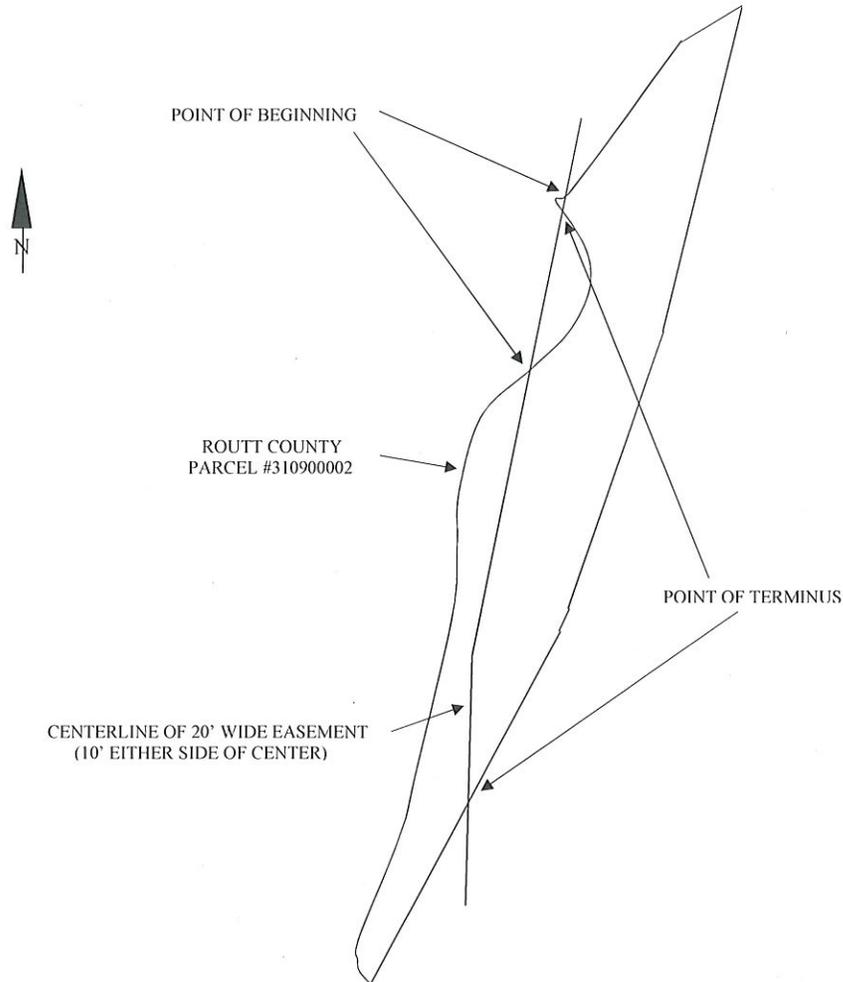
My commission expires _____
Witness my hand and official seal.

Notary Public

EXHIBIT "A"

EXHIBIT "A" attached to and made a part of that certain Yampa Valley Electric Association, Inc. Telecommunications and Access Easement dated ____ day of _____ 2020, by and between **Routt County, Colorado, a body corporate and politic**, Grantor, and Yampa Valley Electric Association, Inc., a Colorado Cooperative Association, Grantee, granting an easement being 20 feet in width, the center line of which is the fiber optic line as constructed, the approximate location of which is as depicted below, across the following described property being located in Routt County, Colorado;

Outlot A Miller Light Subdivison, according to the Plat thereof, filed 13th day of November, 2018 at Reception No. 790724, County of Routt, State of Colorado. Plat name change dated 7th day of November, 2018 and recorded the 7th day of November, 2018 in the Routt County Clerk and Records Office at reception number 795027



**THIS DRAWING IS NOT TO SCALE AND WAS NOT PREPARED BY A LICENSED SURVEYOR.
NO LEGAL MONUMENTS WERE USED IN ITS PREPARATION**



ROUTT COUNTY BOARD OF COUNTY COMMISSIONERS

AGENDA COMMUNICATION FORM

ITEM DATE: 8/27/2020	ITEM TIME: 10:00 am to 10:30 am
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FROM:	B. Scott Cowman
TODAY'S DATE:	8/24/2020
AGENDA TITLE:	Yampa Valley Sustainability Council Updates and Budget Request
CHECK ONE THAT APPLIES TO YOUR ITEM:	
<input checked="" type="checkbox"/> X ACTION ITEM	
<input type="checkbox"/> DIRECTION	
<input checked="" type="checkbox"/> X INFORMATION	
I. DESCRIBE THE REQUEST OR ISSUE:	
Michelle Stewart was named the new Executive Director of the Yampa Valley Sustainability Council in January (2020). Ms. Stewart will be reporting on status and changes to the organization, 2020 activities related to funding from Routt County, and requests for funding in 2021 for continued support waste diversion activities and to develop a Climate Action Collaborative (CAC) in support of the Climate Action Plan. YVSC is requesting \$26,180 (an increase from 2020 funding of \$4,180) for waste diversion, and \$15,000 in support of developing the Climate Action Collaborative.	
II. RECOMMENDED ACTION (motion):	
A motion to approve funding requests of \$26,180 to support waste diversion activities and \$15,000 to support development of the CAC.	
III. DESCRIBE FISCAL IMPACTS (VARIATION TO BUDGET):	
PROPOSED REVENUE (if applicable): Past revenue from the landfill service (tipping) fee would cover the request to increase funding to \$26,180 (refer to attached recycling budget). Funding to support the CAC from the General Fund	
CURRENT BUDGETED AMOUNT: \$22,000 (waste diversion) in 2020	
PROPOSED EXPENDITURE: \$26,180 (waste diversion), \$15,000 (CAC)	
FUNDING SOURCE: Landfill Service (tipping) fee for waste diversion, general fund for CAC	
SUPPLEMENTAL BUDGET NEEDED: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> X (unless expenditure is in 2020)	
IV. IMPACTS OF A REGIONAL NATURE OR ON OTHER JURISDICTIONS (IDENTIFY ANY COMMUNICATIONS ON THIS ITEM):	
Please refer to proposal developed by YVSC	
V. BACKGROUND INFORMATION:	
Please refer to proposal developed by YVSC	
VI. LEGAL ISSUES:	
Use of funding generated through landfill service (tipping) fees.	
VII. CONFLICTS OR ENVIRONMENTAL ISSUES:	
None	



ROUTT COUNTY BOARD OF COUNTY COMMISSIONERS

AGENDA COMMUNICATION FORM

VIII. SUMMARY AND OTHER OPTIONS:

Maintain current funding levels for waste diversion and seek alternative funding sources to support development of CAC.

IX. LIST OF ATTACHMENTS:

1. YVSC proposal
2. YVSC slide deck
3. YVSC State of Waste
4. YVSC Recycle Guide
5. 2021 Recycle Budget Summary Tab

Yampa Valley Sustainability Council

Q3 Update for Routt County Board of County Commissioners

August 27, 2020



Michelle O. Stewart, Ph.D.

Executive Director, YVSC

Tim Sullivan, M.Sc.

North America Climate Director

The Nature Conservancy

(Forthcoming Natural Climate Solutions Director, YVSC)



YVSC Mission:

“To serve as a resource and catalyst for building a sustainable community in the Yampa Valley region.”





YVSC Priority Areas



Climate Action & Adaptation



Energy & Transportation



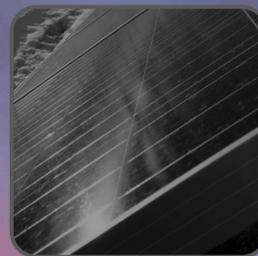
Waste Diversion



Community Education & Outreach



YVSC Priority Areas

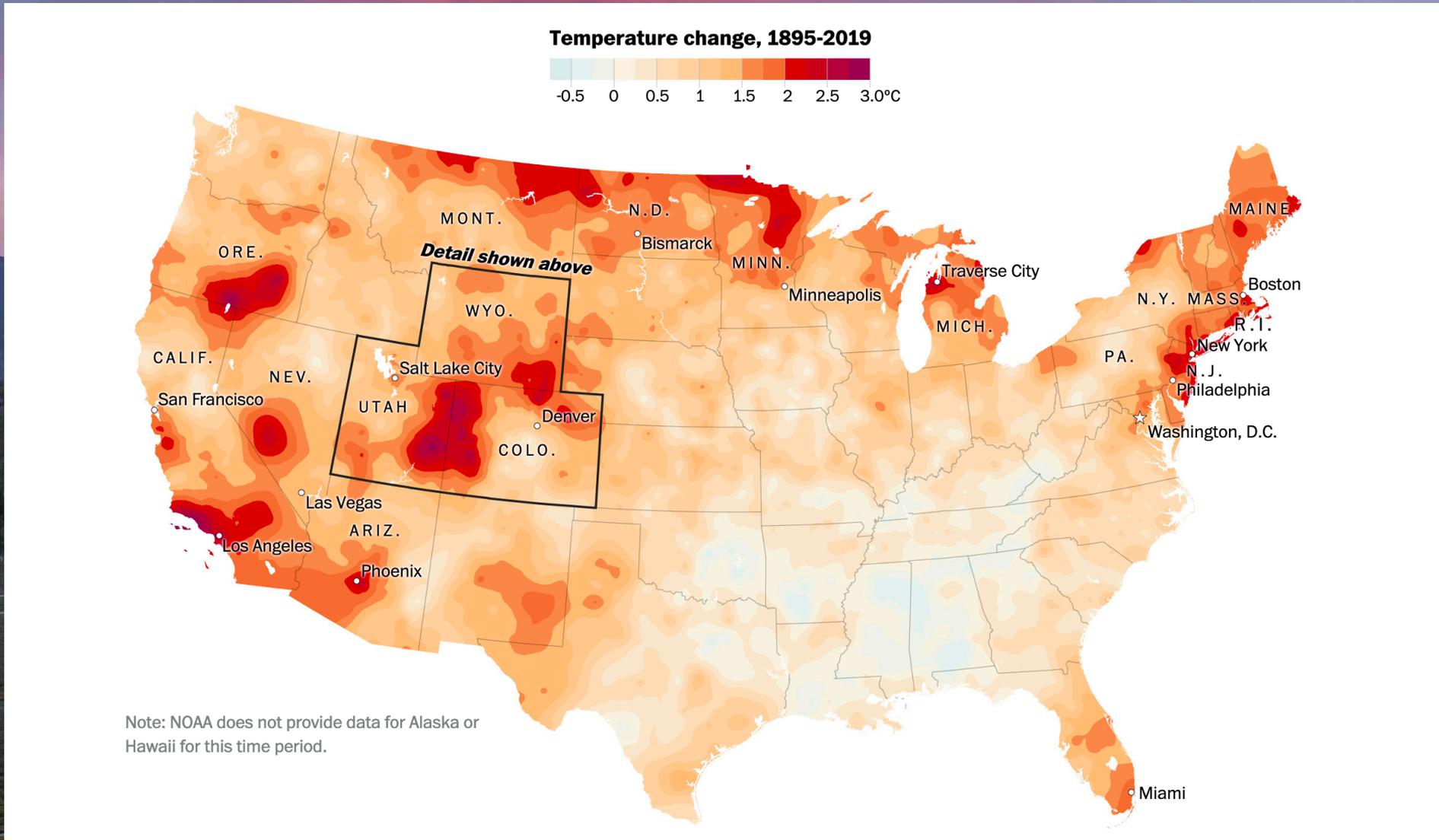


Climate Action & Adaptation



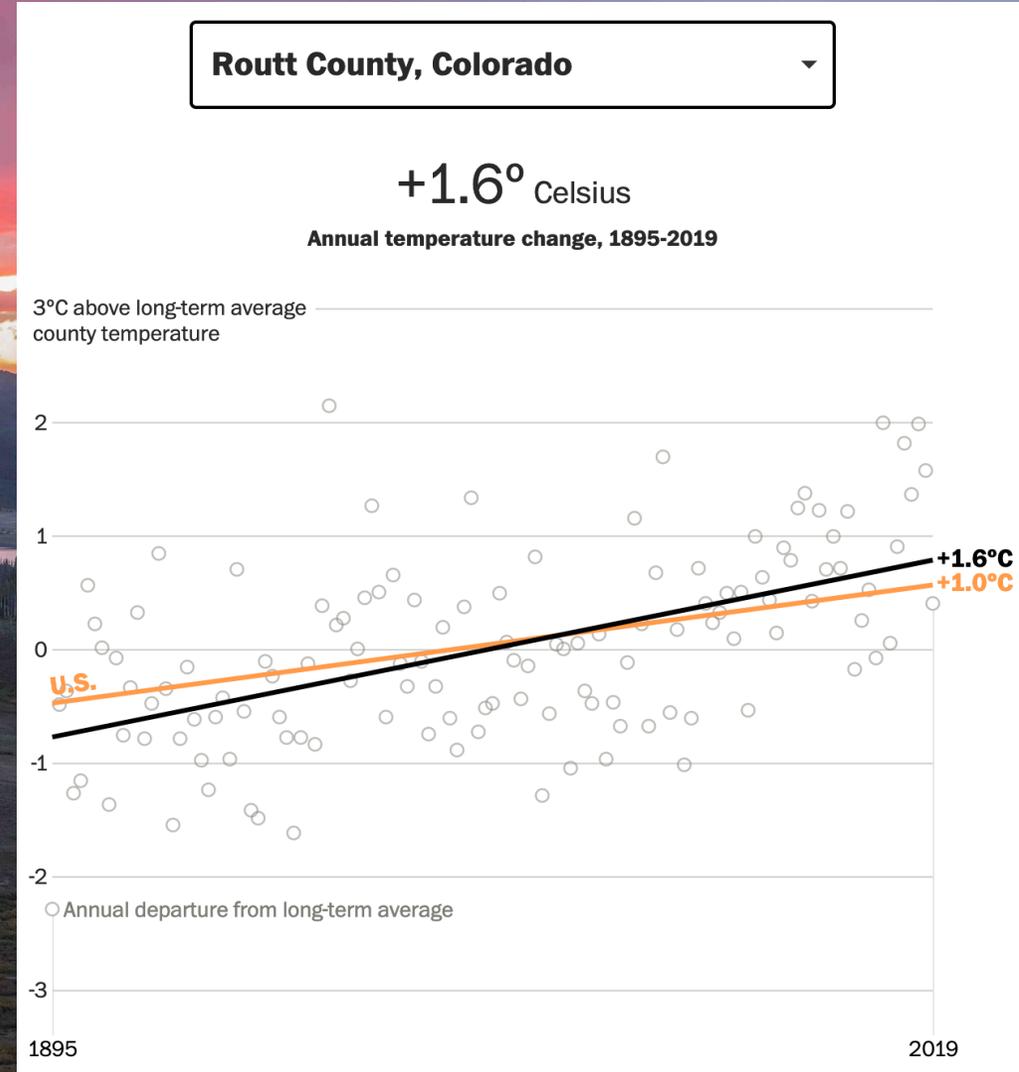
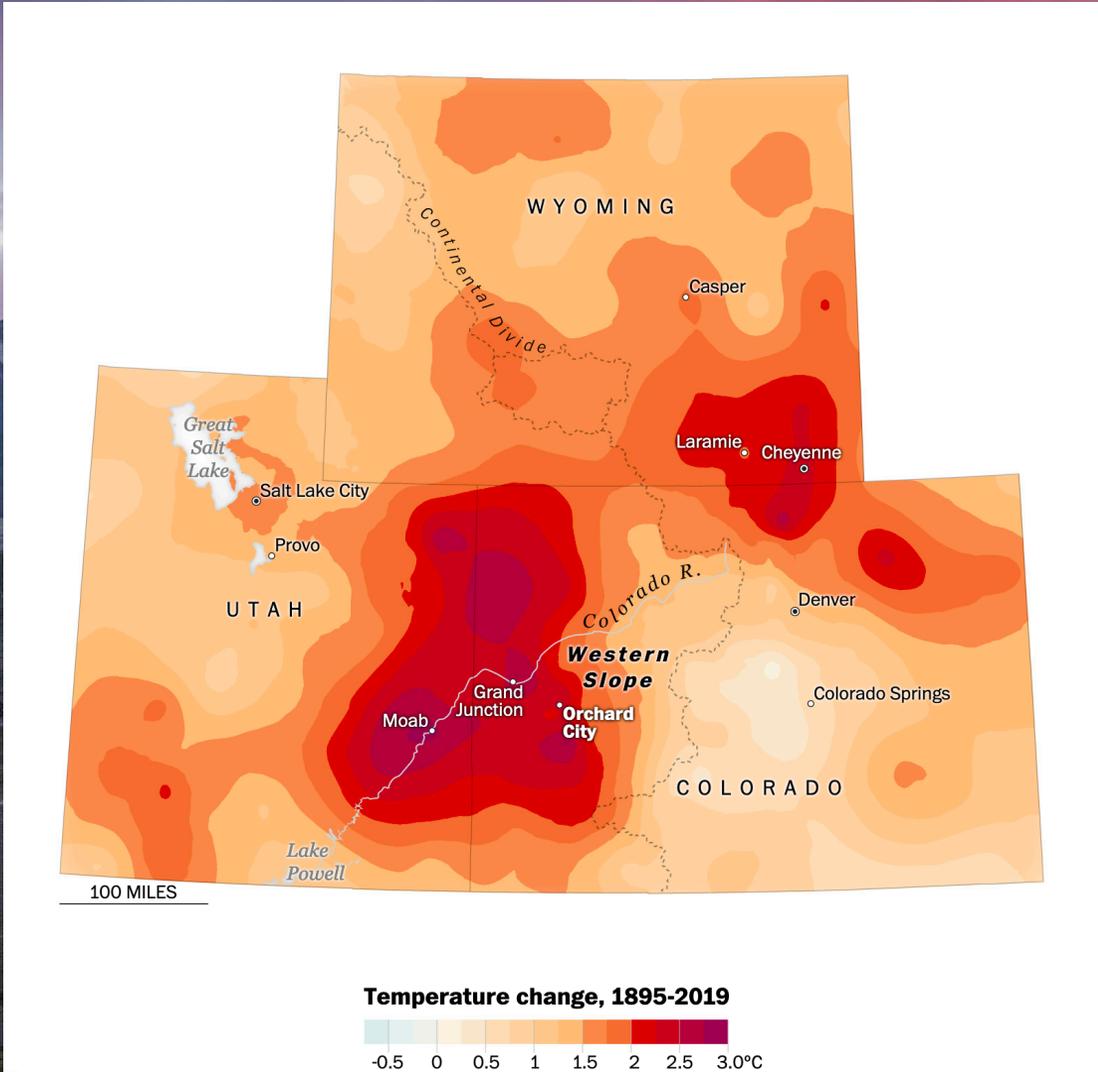


Why Climate Action and Adaptation Matter



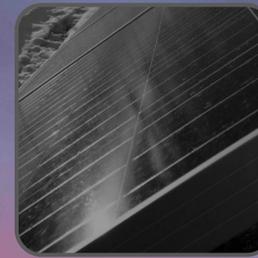


Why Climate Action and Adaptation Matter





YVSC Priority Areas



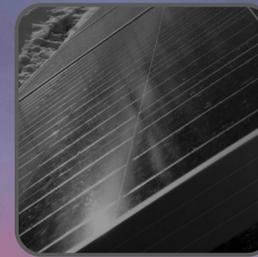
Climate Action & Adaptation

Reducing greenhouse gas emissions and fostering resilience in the Yampa Valley.

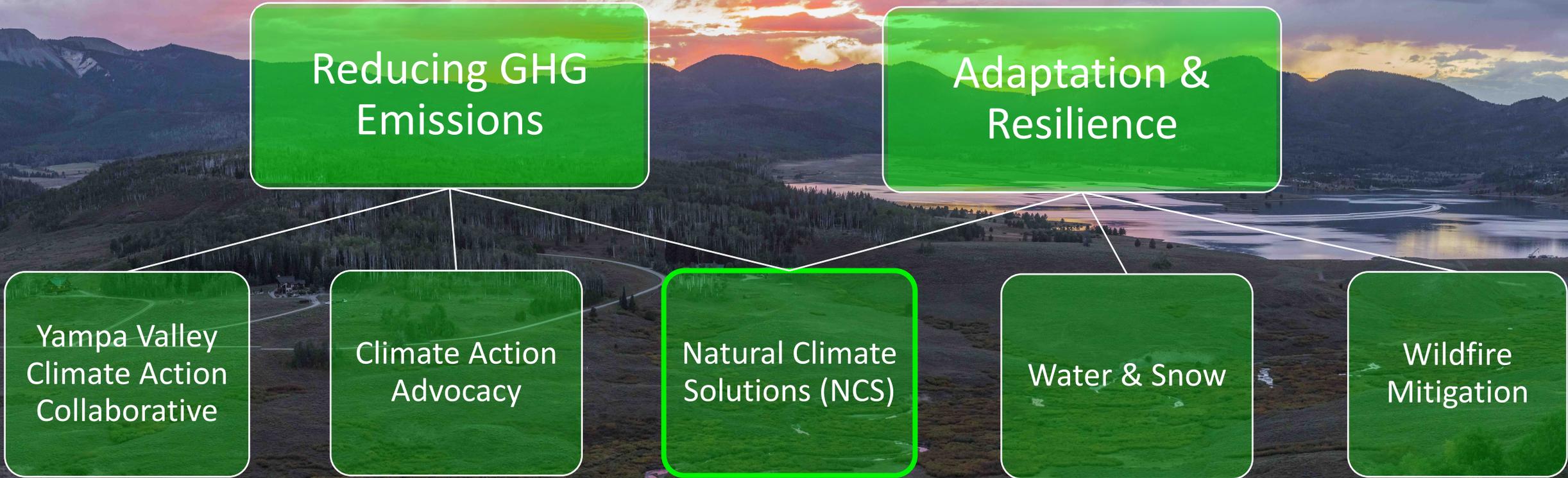
Partnerships: TNC, CW3E, CMC, USFS, RMYC



YVSC Priority Areas



Climate Action & Adaptation





The Role of Natural Climate Solutions (NCS)

An essential part of any solution—globally up to 30% of the needed emission reductions.

Provides co-benefits—practices that we should undertake in any case (e.g. watershed protection, wildlife habitat, improved public health, resilience to changing climate)

Potential to help rural economies with new financial investments – bipartisan support for a climate solution

State of Colorado developing a climate strategy and roadmap for Natural and Working Lands in concert with the US Climate Alliance.



NCS Opportunities in Routt County

Reforestation

- Post-fire or insect outbreak
- Riparian forests
- Urban forests
- Avoided conversion (both grasslands and forests)

Wetland protection and restoration

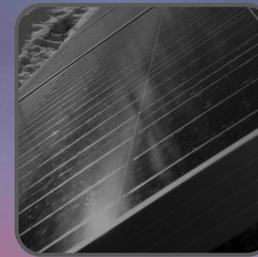
- Riparian and upland (highest value carbon stocks)

Regenerative agricultural practices

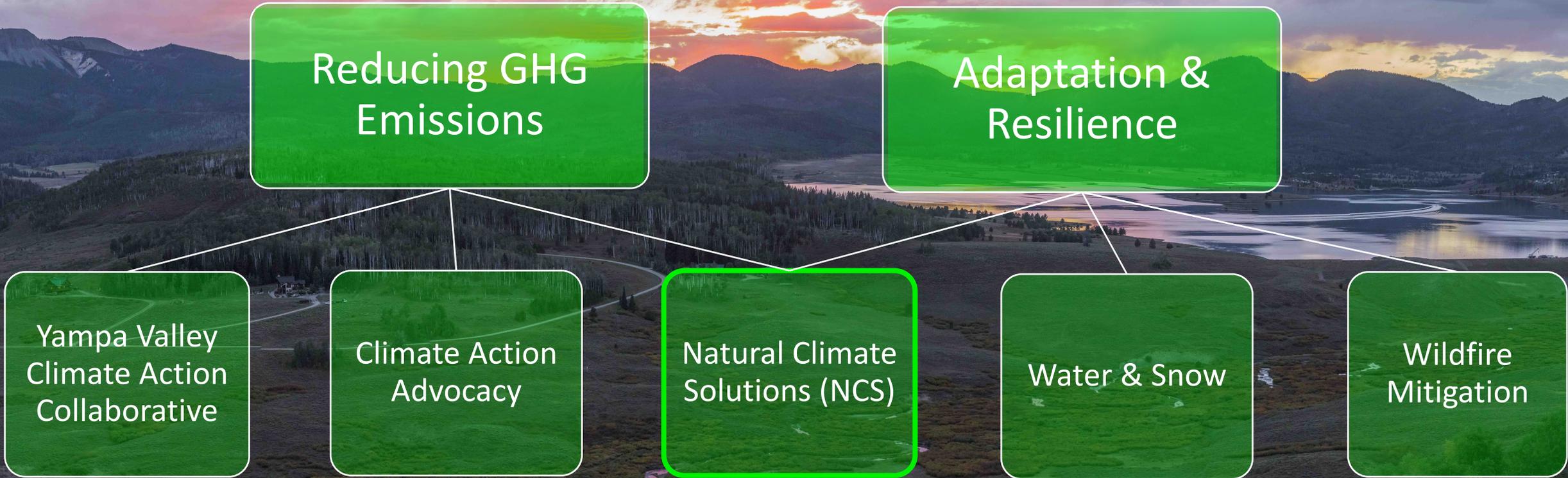
- Improved grazing management
- Agroforestry (alley cropping, windbreaks)
- Soil health (compost, biochar, cover crops)



YVSC Priority Areas



Climate Action & Adaptation





YVSC Priority Areas



Climate Action & Adaptation



Energy & Transportation



Waste Diversion



Community Education & Outreach



YVSC Priority Areas



Energy & Transportation





YVSC Priority Areas



Energy & Transportation

Promoting low-carbon futures in the Yampa Valley

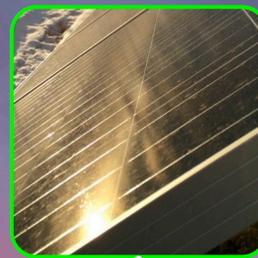
Partnerships: YVEA, Energy Smart Colorado

Hiring:
Energy and
Transportation
Director

Fall 2020 search
opens



YVSC Priority Areas



Energy & Transportation

Renewable Energy

Green Building Technologies

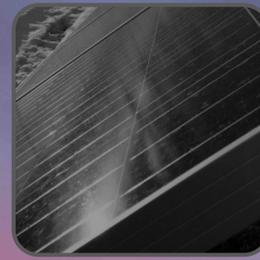
Commercial/ Residential Energy

Environmental Justice & Energy

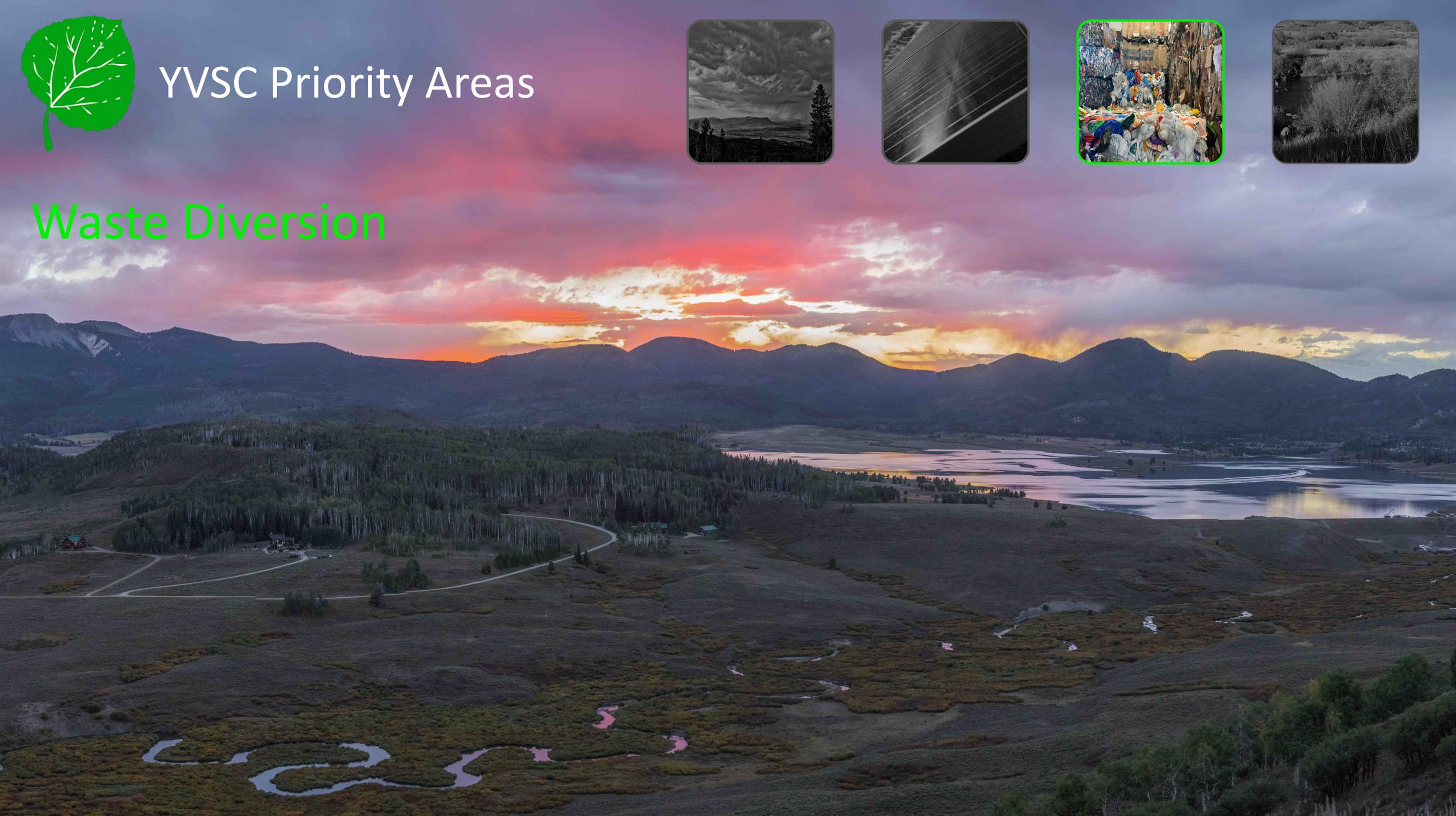
Low-carbon Transportation



YVSC Priority Areas

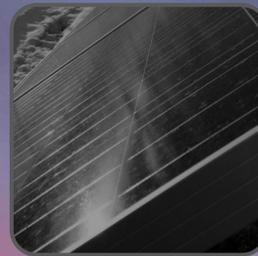


Waste Diversion





YVSC Priority Areas



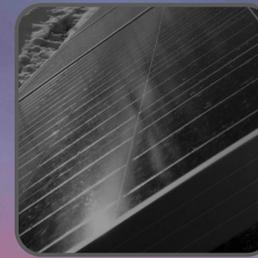
Waste Diversion

Increasing waste diversion successes in the Yampa Valley by valuing our future.

Partnerships: Routt County, City of Steamboat Springs, CSU, Vistorka



YVSC Priority Areas



Waste Diversion

Recycling

Organics Recycling

Business Waste Diversion

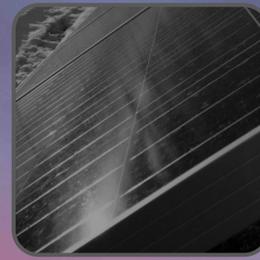
Construction & Demolition

Transfer Station

Community Education and Outreach



YVSC Priority Areas

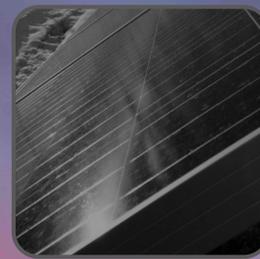


Community Education & Outreach





YVSC Priority Areas



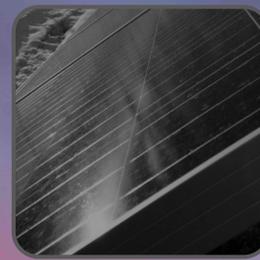
Community Education & Outreach

Empowering our community to take part in the futures we need.

Partnerships – Routt County, City of SS, SSRC, USFS, CMC SUS, USFS, RMYC, TNC, CW3E, CAA, YVEA, Yampatika, CSFS, CCALT, BLM, CSU-Extension, RMWMC, community members.



YVSC Priority Areas



Community Education & Outreach

YVSC
Community
Meetings

Talking Green
Events

Youth
Involvement in
Conservation/
Reforestation

Internships

Volunteer
Opportunities



YVSC Priority Areas



Climate Action & Adaptation



Energy & Transportation



Waste Diversion



Community Education & Outreach



YVSC 2021 RC Funding Request



Climate Action & Adaptation

Request: \$15,000 to implement the Routt County Climate Action Plan (Yampa Valley Climate Action Collaborative)

YVSC will leverage over \$100,000



Waste Diversion

Request: \$26,180 to update and implement the Routt County Waste Diversion Plan

YVSC will leverage over \$50,000



Thank you for your continued support.



August 3, 2020

Routt County Commissioners
Attn: Scott Cowman
PO Box 773598
Steamboat Springs, CO 80477

Dear Routt County Board of County Commissioners,

Thank you for your continued support of Yampa Valley Sustainability Council (YVSC). As an organization, we are guided by the mission, “to serve as a resource and catalyst for building a sustainable community in the Yampa Valley region.”

Anchored on sustainability, we at YVSC are tasked with the challenge to both identify and address the leading sustainability issues of our time through our programs, partnerships and education. The current social and economic context of COVID-19 is straining our existing systems in unprecedented ways; education, healthcare, employment, recreation, and housing issues are flaring as access, equity and service gaps are laid bare. In addition to these challenges, we know more are still to come: hotter days, drying landscapes, reduced snowpack, water shortages, increased wildfires, transitions from coal to low-carbon sources of electricity, and increased marginalization of already vulnerable populations. Our programs span four priority areas: (i) Climate Action and Adaptation; (ii) Energy and Transportation; (iii) Waste Diversion; and (iv) Community Education and Outreach. These priority areas build on YVSC’s foundational successes and fill in gaps that the community identified in YVSC programs and services.

Our goal at YVSC as we continue to build these programs, partnerships and education opportunities is to work in close partnership with you and other leaders in Routt County, our community partners and our valued community members, to develop actions that support and maintain the people and places that the Yampa River runs through. We see partnerships and collaboration as vital in our work ahead and we have been working hard these last months to establish and grow our partnerships with other organizations to bring more capacity to the work we do with all of you.

We are grateful for your support of \$22,000 for our Waste Diversion activities in 2020. As you will see in the attached **2020 Waste Diversion Program Summary to Date**, your support has enabled YVSC to continue moving ahead on waste diversion at a time of great social, political and economic disruption. Though COVID-19 presented challenges, such as the cancellation of the Spring Community Drop-Off event, YVSC carried on and created a print-version of the Recycle Guide in Spanish and English. The “Stay-at-home” order meant more families were at home, cleaning and making space in their homes, which meant YVSC was taking calls and continuously updating the Yampa Valley Recycles app and communicating recycling service options to community members as they changed. We submitted Waste Diversion updates to the *Steamboat Pilot & Today* Talking Green column and sent out recycle tips and waste diversion updates via our newsletter and social media channels. YVSC also supported the creation and launch of the household organics recycling/composting pilot program, run by Innovation Regeneration Colorado, which was a product of the Organics Recycling Task Force group (which was created with the 2019 County-approved Waste Diversion Strategic Plan). YVSC also supported the City of Steamboat Springs in submitting a USDA grant to scale up the existing composting pilot project to include Multiple Family Units (MFUs) and income-qualified families. A copy of the **YVSC Recycle Guide in Spanish and English** and **2019 State of Waste report** are also found at the end of this request.

Here we are reaching out to request 2021 funding for continued **Waste Diversion (\$26,180)** work and to support the implementation of the forthcoming Climate Action Plan by funding the creation and implementation of YVSC's **Yampa Valley Climate Action Collaborative (\$15,000)**. The details and anticipated deliverables of this 2021 request are found below.

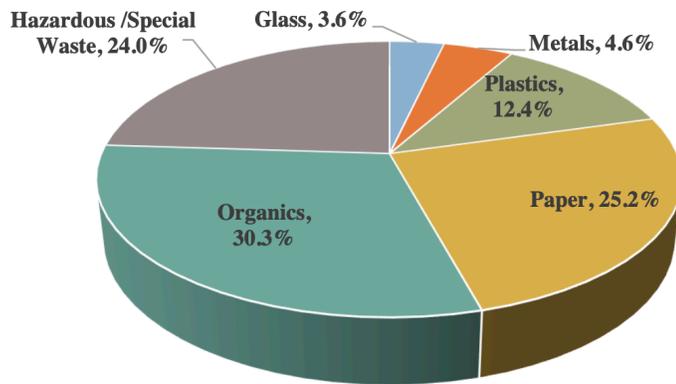
Waste Diversion Request-Deliverables for 2021

1. Implement Waste Diversion Strategic Plan: Reprioritization Activities for 2021

In 2017, the Colorado Solid and Hazardous Waste Commission approved the state's first-ever waste diversion goals, aiming to increase recycling and composting over the next 20 years. Waste diversion is a vital priority area for the state and Routt County because Colorado's current municipal waste diversion rate is only 13%, far below the national average of 35%. The new goal for Colorado is 35% by 2026 and 45% recovery by 2036. It is anticipated that within the next few years, local municipalities will be required by the state to develop and implement strategies to meet these goals. Rural communities all over Colorado face unique barriers when it comes to successful waste diversion, which include low landfill tipping fees, lacking local recycling facilities, and the distance and cost of hauling recyclables to recycling centers.

Our goal at YVSC and Routt County is to understand why and how waste diversion rates are so low and how we can affordably and impactfully increase waste diversion rates. The 2017 Northwest Colorado Waste Diversion study identified (see Figure 19 below) that the waste stream in Routt County is comprised of 30% organics, 25% paper, 24% hazardous/special waste, 12% plastics, 3.6% glass and 4.6% metals. With organics being the largest contributor to the landfill by volume and mass, this was a rightful focus for YVSC 2020 activities.

Figure 19 – Aggregated Routt County Trash Results by Primary Category (2017)



Of note, the same study contends that **approximately 77.5% of this material could have been diverted from the landfill using typical reuse, recycling, compost or recovery programs**. Using a gap analysis, their study highlighted the following challenges to our waste diversion successes in Routt County: (i) the landfill is privately owned which can prove detrimental to waste diversion because it is often not lucrative and thus is often sidelined; (ii) lacking organics recycling/composting facility for food waste; (iii) at the time of the study, most recyclables were shipped to Denver and only one MRF is located in Routt County; (iv) construction and demolition waste is current landfilled, other than those materials that are separated and placed at the “Milner Mall.”

The Routt County-approved 2019 **Waste Diversion Strategic Plan** identified six priority areas to increase reuse, composting and recycling in Routt County:

1. Curbside Recycling
2. Organics Recovery
3. Business Waste Diversion

4. Construction and Deconstruction
5. Transfer Station
6. Education and Events

With one year of task force group administration behind us, YVSC and our Routt County partners identify a need to reprioritize our 2021 plan for implementing the Waste Diversion Strategic Plan. While the Organics Recycling focus area and task force group were highly active and action-oriented (having supported the creation of the household composting pilot project that is run by Integrated Regeneration Colorado), others were less active and outcomes-focused. The successes of some of the priority areas are contingent upon the successes of others. With this learning and adaptive management framework in mind, we propose the following activities and deliverables – which related to the priority areas identified in the Waste Diversion Strategic Plan -- for 2021:

1. Recycling

- Research how other communities are reducing contamination of curbside recycling and work with local haulers to implement pilot program.
- Improve recycling in **rural areas of Routt County**. Explore alternative locations and/or hauling opportunities for rural recycling to replace/disband Green Machines.

2. Organics Recycling

- Support the creation of a feasibility study to determine what type of compost facility and systems make the most sense for Routt County.

3. Business Waste Diversion (Yampa Valley Climate Action Collaborative activities)

- Research sustainable business certification programs in other communities.
- Encourage businesses in the City of Steamboat Springs to recycle.
- Reduce the use of plastic straws and other single-use plastics in restaurants by promoting a campaign to make them available only by request.
- Assess and pursue, if possible, the opportunity to include restaurants in the existing composting pilot program

4. Construction and Demolition Waste (Yampa Valley Climate Action Collaborative activities)

- Organize focus groups to engage construction professionals to discuss barriers and opportunities to diverting waste.

5. Transfer Station

- Assess partner community and organizational models for transfer station use, construction and maintenance
- Assess the feasibility for a transfer station/waste diversion facility(ies). Study should compare costs of hauling recycling to Denver and trash to the landfill.

6. Education and Outreach (also in own section below)

- Maintain and update Yampa Valley Recycles app as needed for optimal use.
- Implement consistent recycling and trash signage throughout Routt County.
- Create five informational videos that support waste diversion activities.

II. Biannual Recycling Drop-off Events

Routt County has played a significant role in the success of YVSC’s comprehensive recycling drop-off events starting with the inaugural event for residents in fall 2010. Thanks to many regional recycling partners, we are able to accept a wide range of traditional and hard-to-recycle materials—keeping valuable (and often toxic) materials out of our local landfill. The event has become a community tradition for hundreds of Routt County residents—and now businesses—to take advantage of this “one-stop-drop.”

The annually consistent and significant accumulated totals of hard-to-recycle materials collected reinforce the need for the drop-off events. Due to the uncertainty of COVID-19, YVSC will plan for one community drop-off in 2021 to meet the needs of the community. If possible, the community Drop-Off event will be replaced with regular diversion pathways that fulfill community needs on a more regular basis. As noted above, YVSC will prioritize supporting the creation of a transfer station which is a much needed local facility.

Funding from Routt County will support the staff time needed to administer and coordinate one **Recycling Drop-Off event** or the same amount of staff time needed to coordinate the diversion of materials more frequently. The following objectives will be accomplished in 2021:

- Provide opportunity for 300 households and 40 businesses to divert hard-to-recycle materials in 2021.
- Divert more than 30 tons of materials from the landfill for recycling or reuse at each event.

III. Public Waste Diversion Education and Outreach

The local landscape for recycling of traditional, hard-to-recycle and organic materials has been rapidly changing the past few years. These changes have been compounded by volatile global recycling markets. Despite this uncertainty, waste diversion is one of the quickest, cheapest and easiest ways to reduce our collective carbon footprint, which is why YVSC continues to focus on making waste reduction, recycling and reuse the norm for residents—and guests—of the Yampa Valley.

To help residents, businesses and visitors recycle right, YVSC has for many years published an annual print A-Z Recycling Guide, which has highlighted year-round recycling opportunities for select hard-to-recycle materials. In 2019, with support from Routt County, YVSC created the **Yampa Valley Recycles app** to enable residents, visitors, students and employees to understand what can and cannot be recycled and where to take something if it is recyclable. The app provides users with the most convenient up-to-date recycling information and has been a great success since its launch. Users can download the app for free from their phone's app store or go to www.yampavalleyrecycles.org to use the web-based version. The searchable database is available in Spanish.

Not only does the app provide the community with important and timely information on how to recycle and/or reduce waste in the community, but the app provides YVSC with detailed reports on most searched items and more. **This data is helpful to YVSC for guiding our recycling outreach and education efforts.** YVSC is requesting funding in 2021 to support the subscription fees associated with the app as well as staff time needed to regularly update and maintain the app as recycling options change.

With funding from Routt County, YVSC will focus on the following objectives to provide waste diversion outreach and resources to the community in 2021:

- Administer, maintain, update and market the online Yampa Valley Recycles app.
- As noted above, create five video/online education series for the public (e.g. schools, partners, community members). Topics might include recycling, compost, C&D, reuse and business/partner sustainability successes.
- Provide waste diversion information and activities at (up to) five (COVID-contingent) community events.

IV. Business/Partner Waste Diversion Education and Outreach (Yampa Valley Climate Action Collaborative)

Improving waste handling systems and capturing recyclables from the business sector has great potential to increase waste diversion in terms of Life Cycle Analysis of products, packing materials and recycling. To date, there has been minimal engagement and impact with the business community. Using the structure of the Yampa Valley Climate Action Collaborative, YVSC will convene and work with business partners to identify strategies to reduce waste and increase waste diversion through their service and/or production pathways. Moving forward, YVSC will provide

business partners with waste audits, employee education and training, tracking and reporting measures and a communication hub in the community. Specific activities will include:

- Convene business partners via the Yampa Valley Climate Action Collaborative to identify and map out innovative and relevant waste diversion priorities and strategies.
- Develop strategies of action and monitoring/reporting protocols.
- Create at least one communication message highlighting business waste diversion successes.
- Assess and pursue, if possible, the opportunity for restaurants to join the composting pilot program

II. Implementing the Routt County Climate Action Plan (CAP): Yampa Valley Climate Action Collaborative

YVSC is requesting \$15,000 from Routt County to partner with YVSC and other Routt County leaders to **implement the Routt County Climate Action Plan (CAP) via the Yampa Valley Climate Action Collaborative.**

Background

Routt County, the City of Steamboat Springs, the Steamboat Springs Chamber and the Towns of Hayden, Oak Creek and Yampa have partnered together in 2020 to create our first-ever CAP through a stakeholder-involved process facilitated by Lotus Engineering and Sustainability (a Denver-based consulting group). The CAP will serve as a blueprint and a set of recommendations for reducing greenhouse gas (GHG) emissions across target sectors -- Energy, Transportation, Waste, Land Use and Community Education and Outreach – and is scheduled to be completed during November 2020.

When the CAP is complete, we as a community face the challenge of implementation. Who and what entity will lead in the implementation of the CAP and supporting community partners in the challenging – and exciting -- task ahead of reducing GHG emissions in their operations? While our local government partners have done the important work of initiating and supporting the creation of the CAP, implementing it will require time, dedicated staff and capacity. At present, our local government partners do not have sustainability officers or dedicated staff to lead sustainability and climate-related programs which means such work would have to be done in addition to daily duties. COVID-19 is only adding strain to government capacity and resources, which further underlines the dilemma of who will take the lead on implementing the stakeholder-involved GHG emissions reductions activities and action ahead.

YVCS is stepping forward to support the county and other government partners to lead the implementation of the CAP by creating the Yampa Valley Climate Action Collaborative. Drawing from similar Collaborative models that have been created in other mountain communities in western slope, the Yampa Valley Climate Action Collaborative will serve as a hub and engine behind the implementation of the GHG emissions reductions recommendations that have been set forth in the CAP. Importantly, a collaborative model and approach to implementing the CAP distributes the cost of implementing the CAP across multiple partners, so that each partner contributes a portion of the overall cost but receives the full benefit of community-wide, technically-supported implementation of GHG emissions reductions actions.

Yampa Valley Climate Action Collaborative: How it Works

YVCS serves as central hub, administrator and technical support for implementing the GHG emissions reduction recommendations that will be set forth in the CAP. Using the CAP as a starting point for the Collaborative, YVSC will meet one-on-one with leading community partners (that have been identified through YVSC's stakeholder analysis, see budget request) to discuss: the CAP, what it means and answer questions; how the GHG emissions reductions recommendations set forth in the CAP relate specifically to partners and their actions on the ground; and how partners might prioritize GHG emissions reductions across sectors from the outset.

Once partners agree to take action and reduce GHG emissions in their organizational practices according to the CAP sectors, YVSC will formalize their joining on to the Collaborative. By joining the Collaborative, partners commit to cooperation and participation with other Partners in Collaborative initiatives and can anticipate benefits and deliverables such as, but not limited to: inclusion in Sector Working groups; technical assistance, training and best-practice sharing opportunities; access to financial incentives and grant funding, when available; measurement and metrics data analysis (GHG emissions tracking/reporting protocols); and communications about Collaborative activities and successes made. YVSC program directors will serve as technical leads for each of the Sector Working Group (Energy, Transportation, Land Use, Waste, and Community Education and Outreach) and will be the point of contact for technical and operational assistance for GHG emissions reductions activities.

Once the Collaborative is launched in 2021 and operating thereafter, it will be financially maintained by the Partners and members of the Collaborative, who will contribute financially or otherwise (in-kind, technical, service, etc.) to maintain the Collaborative function for years to come.

YVSC is the ideal organization and entity to lead the implementation of the CAP because we have a team of dedicated and technically-equipped staff and program directors who are ready to work community partners to develop strategies, facilitate workshops, organize education and training opportunities as needed, develop monitoring and reporting protocols, and community progress made on GHG emissions reductions. We hold important connections to the diverse array of community partners and members, and can strengthen these connections by transforming them into collaborative climate action. YVSC prioritizes partnerships and we continue to expand our partnerships to other organizations, institutions and research groups to increase our capacity to lead impactful, affordable and relevant climate action strategies. We also have experience implementing stakeholder-led plans in the community, as illustrated by our lead with implementing the Routt County Waste Diversion Strategic Plan, and professionally beyond. The expanding technical capacity of YVSC staff will serve as important anchors in each of the CAP priority areas for workshops, education and training, monitoring/reporting and communication.

Why now?

Launching the Yampa Valley Climate Action Collaborative now is crucial. Routt County, City of Steamboat Springs, the Towns of Hayden, Oak Creek and Yampa, and the City of Steamboat Springs Chamber have come together these last months to devote time and money into creating the CAP. Rather than having the CAP sit on a shelf once its complete, and risk losing this momentum and buy-in and investment, we must come together to develop a clear plan for implementation.

Using this Collaborative model for implementation now is ideal for many reasons. COVID-19 continues to strain our community in complex ways. Distributing the cost of implementation across multiple partners enables all partners to benefit from the shared services of the Collaborative. As noted in the budget details, YVSC is going to **leverage Routt County's \$15,000 support with over \$100,000 to create and implement the Collaborative.** The model of the Collaborative will ensure that the CAP goes directly into the hands of those it needs to: the Collaborative will meet with partners to discuss the CAP and is thus another use and contact with the community for a product/service Routt County has already paid for.

Reducing GHG emissions is a challenging, exciting and necessary next step for all of us in the Yampa Valley. This Collaborative model will bring Partners together so that they are working together with one another and with YVSC program directors to co-create GHG emissions reductions actions that align with the values, culture and aspirations of our area. Engaging in GHG emissions reduction through dialogue will make actions more relevant and more likely to succeed because they will be generated by the community for the community. Moreover, the Sector Working group structure will allow Partners to realize that they are doing the work needed with others – not alone.

YVSC has already garnered financial support and backing for the creation of the Yampa Valley Climate Action Collaborative. YVSC submitted a grant request to Yampa Valley Community Foundation (YVCF) for \$15,000 to seed the creation of the Collaborative and has received very positive feedback from reviewers and YVCF supporters. Representatives from the City of Steamboat Springs, Steamboat Ski Resort & Corps., and Routt County

provided letters of support for our grant application. Representatives from Alpine Bank and HoneyStinger have expressed interest in being early adopters. YVSC has successfully raised \$60,000 in private Foundation support for its Climate Action and Adaptation priority area which can be leveraged to support the running of the Collaborative.

Routt County's support of the Collaborative in 2021 sends a clear message to our community and other partners that climate action matters to us here in the Yampa Valley and that the shared efforts that have gone into making the Plan will not have been in vein. Our collective goal is to ensure that our CAP does not just sit on a shelf once it is complete, but rather that it becomes an **instrument of action and resilience in our community.**

YVSC will create and administer the Yampa Valley Climate Action Collaborative, which will provide our community partners with planning workshops, training and education as needed, developing monitoring/reporting protocols and communication plans for maintaining dialogue and momentum on GHG reductions successes. Funding for 2021 will support:

- Develop Yampa Valley Climate Action Collaborative structure/logo
- Community partner/stakeholder map (identify who should be involved in implementing the CAP) and partner management plan (detailed plan for how to meaningfully engage partners)
- The creation of at least 12 MOUs with leading partners and detailed planning for reducing GHG emissions
- Virtual Collaborative Launch Event (will involve education about the CAP)
- Develop Sector Working Groups and facilitate at least three Sector Working Group meetings per sector during 2021 that provide an overview of CAP/GHG emission reductions goals, strategies, and reporting/monitoring strategies.
- Provide updates and educational presentations to community and partners as needed
- Maintain the YVSC webpage dedicated to the Yampa Valley Climate Action Collaborative and CAP as a resource
- Engage locals and visitors in climate action by executing marketing and outreach and creating three digital videos explaining the CAP and Collaborative

Funding Request

The request to Routt County for the above Waste Diversion projects and implementation of the Routt County CAP (Yampa Valley Climate Action Collaborative) is \$26,180 and \$15,000, respectively. A detailed budget for both is included. Routt County's funding of YVSC provides an excellent return on investment for many reasons:

1. YVSC fills the role of a County Sustainability Department at a fraction of the cost, assisting County staff and officials in the areas of waste diversion, green building, energy, drought, wildfire, resiliency and climate action.
2. YVSC helps the County accomplish its own sustainability goals and, as the local public health agency, meet the Colorado Department of Public Health and the Environment's Core Public Health Services, which include ensuring proper solid and hazardous waste management, reducing waste, maximizing recycling and reuse, and protecting air and water quality.
3. YVSC has the capacity to leverage County funding with over \$300,000 (and growing) in state and local government funding, grants and individual donations and thousands of dollars in in-kind labor on the part of task force members and volunteers.
4. YVSC is developing partnership that increase local capacity, access to relevant and timely research and experts, and foster mutual learning and collaboration.

On behalf of the YVSC board and staff, thank you for your continued financial support, partnership on projects, and confidence in our organization. We appreciate your consideration of our 2021 funding request.

In return for full funding of this proposal, YVSC will be pleased to include Routt County's logo on our waste diversion event marketing, collateral materials, e-newsletters and the new YVSC website. Routt County's logo will also be featured as a partner in the forthcoming Yampa Valley Climate Action Collaborative logo which all partners and community members will see as an important gesture of climate action at a time we need it most.

Please don't hesitate to contact me if you have any questions or need additional information.

Sincerely,

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

Michelle O. Stewart, Ph.D., Executive Director
michelle.stewart@yvsc.org or 970-310-0147

2021 YVSC Waste Diversion and CAP Implementation (Yampa Valley Climate Action Collaborative) Funding Request

Waste Diversion	Total Budget	Routt County Request	Other funding
Waste Diversion Strategic Plan Implementation			
Work with community partners and members to make way on 2021 priority activities that support the implementation of the Waste Diversion Strategic Plan	\$11,600		\$5,100
Community Education and Outreach	\$2,500		\$850
Tracking, reporting and grant writing support to partners	\$2,320		\$1,170
Total Waste Diversion Strategic Plan Implementation	\$16,420	\$9,300	\$7,120
Recycling Drop-off Event or Diversion Pathways			
Coordinate vendors, recruit volunteers and implement spring and fall events for residents and businesses	\$31,500		\$29,600
Total Biannual Recycling Drop-off Events	\$31,500	\$1,900	\$29,600
Public Waste Diversion Education and Outreach			
ReCollect/Yampa Valley Recycles app	\$4,070		\$570
General Public Education	\$19,850		\$11,050
Business/Partner Waste Diversion Education and Outreach (YVCAC)	\$9,360		\$4,680
Total Public Waste Diversion Education and Outreach	\$33,280	\$14,980	\$18,300
Total Waste Diversion Budget	\$81,200	\$26,180	\$55,020

Implementing the Routt County Climate Action Plan: Yampa Valley Climate Action Collaborative

CAP Implementation via YVSC Creation and Launch of the Yampa Valley Climate Action Collaborative			
Develop Yampa Valley Climate Action Collaborative structure/logo	\$6,160	\$1,500	\$4,660
Perform stakeholder analysis that identifies who should be involved in implementing the CAP and how best to engage them.	\$3,440	\$1,500	\$1,940
Support the creation of 12 MOUs with leading partners identified in the stakeholder analysis and a detailed plan for reducing their GHG emissions	\$9,024		\$9,024
Hold Virtual Collaborative Launch Event (will involve education about the CAP)	\$1,113		\$1,113
Develop Sector Working Groups, content, recruit partners and facilitate at least three Sector Working Group meetings per sector during 2021 that provide an overview of CAP/GHG emission reductions goals, strategies, and reporting/monitoring strategies.	\$87,646	\$10,000	\$77,646
Provide updates and educational presentations to community and partners as needed	\$1,145		\$1,145
Maintain the YVSC webpage dedicated to the Yampa Valley Climate Action Collaborative	\$1,560	\$500	\$1,060
Engage locals and visitors in implementing the CAP by executing marketing and outreach and creating three digital videos explaining the CAP and the Collaborative	\$8,083	\$1500	\$6,583
Total Budget	\$118,171	\$15,000	\$103,171

Yampa Valley Sustainability Council Board of Directors

Lacy R. Morrill, *President*

Interior Designer/Design Associate, Mountain Architecture Design Group

Affiliations: LEED AP Interior Design + Construction certificate holder, Seeds of Hope Peru, Big Brothers Big Sisters of Colorado

240 Hilltop Parkway, Unit 101

Steamboat Springs, CO 80487

lacy.ramunno@gmail.com

970.471.4440

Position: Board President, Fundraising Committee, Advocacy Committee, Board Development Committee

Term ends: 2021

Winn Cowman, *Vice-President*

Environmental Scientist, Souder, Miller & Associates

Affiliations: Solid Waste Association of North America (SWANA)

571 Sandhill Cir.

Steamboat Springs, CO 80487

wcowman@sandhillenv.com

970.846.6130

Position: Fundraising Committee (Chair), Advocacy Committee, Strategic Direction Committee

Term ends: 2020

Lily Lewis, *Treasurer*

Assistant Vice President, Alpine Bank

Affiliations: Leadership Steamboat

40520 Anchor Way

Steamboat Springs, CO 80487

lilylewis@alpinebank.com

970.406.1991

Position: Finance Committee

Term ends: 2022

Barclay Idsal, *Secretary*

Community Manager, The Ski Locker

32 Balsam Ct.

Steamboat Springs, CO 80487

barclay@unofficialnetworks.com

303.882.4927

Position: Corporate Governance Committee, Board Development Committee (Chair)

Term ends: 2019

Jay Lambert

Director of Planning, Honeystinger

PO Box 776254

Steamboat Springs, CO 80477

jayalambert@gmail.com

970.819.1515

Position: Finance Committee (Chair), Advocacy Committee

Term ends: 2021

Paul Hebert

Retired, Professor and Curriculum Developer at Virginia Military Institute and International Consultant
PO Box 775748, 134 Maple St.
Steamboat Springs, CO 80477
paulvh2@gmail.com
970.367.6072
Position: Advocacy Committee (Chair), Strategic Direction Committee
Term ends: 2021

Scott Conner

Mechanical Design Engineer, Self-employed
Affiliations: LEED, GA U.S. Green Building Council, President, Steamboat Springs Flying Club,
PO Box 771170
Steamboat Springs, CO 80477
scottlconner@gmail.com
303.670.4347
Position: Finance Committee, Board Development Committee, Strategic Direction Committee
Term ends: 2022

Sarah Jones

Director of Sustainability and Community Engagement, Steamboat Ski & Resort Corporation
1815 Central Park Dr Suite 110 PMB 234
Steamboat Springs, CO 80487
sbjones1120@gmail.com
303.388.6981
Position: Advocacy Committee
Term ends: 2022

YVSC Advisory Board

Angela Ashby

RE/MAX Partners, Broker Associate and EcoBroker
Affiliations: President, Board of Realtors, Pines at Ore House Board Member,
2592 Innsbruck Ct.
Steamboat Springs, CO 80487
angela@yoursteamboathome.com
970.819.4897
Program area of expertise: Green Building

Catherine Carson

Consultant and Retired, Energy Industry
Affiliations: Routt County United Way, Routt County Democrats, Yampa Valley Housing Authority, founding
member Yampa Valley Recycles
PO Box 774841
Steamboat Springs, CO 80477
cathcarson@gmail.com
970.291.9678
Program area of expertise: Waste Diversion

Tina Evans

Associate Professor of Sustainability Studies, Colorado Mountain College
Affiliations: Contributing Author *New Clear Vision*, Advisory Council for the Advancement of Sustainability in
Higher Education
35 5th St., Unit 307
Steamboat Springs, CO 80487
tevans@coloradomtn.edu
970.884.0895
Program area of expertise: Sustainable Schools

Sam Jones

President, All Season Financial Advisors
Affiliations: Member and Past President of NAAIM.org, YVCF Finance Committee, RMI Solutions Council
1815 Central Park Dr Ste 110 PMB 234
Steamboat Springs, CO 80487
sam@allseasonfunds.com
303.837.1187
Program area of expertise: Energy

Carolina Manriquez

Forester, Colorado State Forest Service
PO Box 772506
Steamboat Springs, CO 80477
Carolina.Manriquez@colostate.edu
719.233.6768
Program area of expertise: ReTree, Sustainable Schools

Jeff Troeger

Retired, Professor of Business/Economics, Colorado Mountain College

Affiliations: Sierra Club, Conservation Colorado, Clean Water Action

1763 Brome Dr.

Steamboat Springs, CO 80487

jeffry_troeger@me.com

970.403.0864

Program area of expertise: Energy

Waste Diversion Program Summary-To-Date (January 2020-August 2020)

I. Waste Diversion Strategic Plan Implementation

2020 Deliverables (as outlined in 2020 Routt County request)

- X Administer and coordinate six task forces focused on the priority areas identified in the Waste Diversion Strategic Plan
- X Engage at least 36 stakeholders in the task forces
- X Educate the community about progress on the Waste Diversion Strategic Plan
- ___ Create annual 2020 State of Waste report (Will be completed by end of 2020)

Notes: YVSC convened the six task force groups according to each of the priority areas. Organics Recycling was the most active and action-oriented and they convened each week from ___ to ____, and then shifted to monthly on _____. The other task force groups met either monthly or quarterly. YVSC continues to update the community about progress on the Waste Diversion Strategic Plan at YVSC Community meetings, monthly YVSC newsletters, social media and in the *Steamboat Pilot & Today* Talking Green columns (see March 8, 2020 column and June 7, 2020). YVSC completed the 2019 State of Waste report (attached) in March 2020 and will complete the 2020 State of Waste at the end of 2020.

II. Biannual Recycling Drop-Off Events

2020 Deliverables (as outlined in 2020 Routt County request)

Funding from Routt County for 2020 was to support the staff time needed to administer and coordinate two Recycling Drop-Off event. Due to COVID-19, the spring Drop-Off event was canceled and YVSC is moving forward on delivering a safe and socially-distanced Fall Drop-Off Event on October 31, 2020: The following objectives will tentatively be accomplished in 2020:

- ___ Provide opportunity for 300 households and 40 businesses to divert hard-to-recycle materials at each Recycling Drop-Off event (spring and fall).
- ___ Divert more than 30 tons of materials from the landfill for recycling or reuse at each event.
- ___ *Partner with at least 15 recycling vendors for collection at each event.
- ___ *Engage 80 community volunteers of all ages to implement each event.

Notes: Due to COVID-19 social distancing and public health orders, we are going to have to be flexible on how many partners and volunteers we convene through the Drop-Off Event. At present, we events are capped at 175 persons on site at one time. This limits the total number of volunteers and vendors we are able to have at the event. We will likely focus on key materials that need to be diverted from Routt County and which are not accepted at the landfill, namely electronics, household hazardous waste, lightbulbs and mattresses.

III. Public Waste Diversion Education and Outreach

2020 Deliverables (as outlined in 2020 Routt County request)

Funding from Routt County was to provide the following waste diversion outreach and resources to the community in 2020:

- X Administer, coordinate, print and distribute at least 10,000 copies of the print 2020 A-Z Recycling Guide.
- X Administer, maintain, update and market the online Yampa Valley Recycles app.
- *___ Provide recycling information and activities at five community events, such as the Steamboat Farmers Market, Routt County Fair, school Science Fairs, etc.

Notes: YVSC printed and distributed at least 10,000 copies of the print 2020 A-Z Recycling Guide in June 2020, in both Spanish and English (attached). YVSC continues to administer, maintain, update and market the online Yampa Valley Recycles app. Due to COVID-19, YVSC has had to pivot how we are providing information about Waste Diversion to the public. Since many events are restricted, YVSC has provided organics recycling information and activities at available venues, e.g. Steamboat Farmers Market in July 2020, but other event options are limited. To fulfill the public education gap, YVSC has created several digital and video education materials to access the public more broadly. Currently, YVSC is creating a **public educational video on “Why you should compost,”** and has

plans to also create **“How to compost at home”** and **“How to compost with IRC”** videos. YVSC’s “How to compost” digital flyer is attached.

State of Waste for Routt County

The Waste Diversion Strategic Plan for Routt County identified six priority areas to increase local waste diversion. From these priority areas, task force groups were created to work on action items on the priority area from the plan. This report highlights new updates on the action items from the various task force groups. For more background information and to view the full Waste Diversion Strategic Plan and the six-month report, [click here](#).

In the U.S. the average national recycling rate is 35%. Colorado's statewide rate is 17%, and in rural areas like Routt County, it is 10%. As you can see, we have some improving to do. These numbers motivated the state of Colorado to set a goal of a 28% recycling or diversion rate by 2021. To get closer to those goals, the task force groups have been working diligently in this past year on action items identified in the plan, identifying new opportunities, creating pilots, and helping others succeed to increase the amount of waste diversion in our valley.

Curbside Recycling

One of the main goals of the task force group in 2019 was working to get recycling at multi-family units (MFU). One of the first MFU's where the task force successfully implemented recycling was one of the largest within City limits. The task force provided a document to help the HOA go out to bid to obtain the best option for recycling at the complex.

The task force also collected feedback from local haulers on the current recycling ordinance to provide recommendations to the City when the ordinance is updated.



Organics Recycling

In 2019 the task force started working on creating a pilot project to test the effectiveness of different methods of organics recycling locally. The task force has gotten approval from the Steamboat Springs City Council, assisted in applying for a grant, and is estimated to start a residential pilot program with residents in the early summer of 2020.

The task force also completed a community survey to gauge interest in composting locally. The survey found that out of the 408 respondents, 99.3% support organics recycling.



Business Waste Diversion

The group assisted with the successful rollout of the plastic bag ban and fee in October of 2019. By talking to local businesses in the summer of 2019 the group had valuable data on the impacts and opportunities for businesses when the ban was in place. The group also helped identify businesses that were not mandated to implement the bag ban and fee but were interested in opting into the program.

Construction & Deconstruction

In 2019 the group successfully researched, drafted, and recommended the addition of a recycling requirement on the Cities Construction Site Management Plan Checklist. The next policy recommendation the group is working on is a construction site waste management plan. Similar communities to ours are also doing this and it would help contractors identify and plan for what can be diverted on the job site.

The group created a Facebook page for reusable construction materials. This is a complementary effort to the Milner Mall that accepts some construction materials.



Education & Events

In the summer of 2019, the group conducted a pilot study at one of the large local events to test the effectiveness of different waste diversion strategies. The study involved setting up different variables at the event and then doing a waste sort to evaluate which variables were the most effective to help people recycle correctly.

During the City's Special Event Permit update in the fall of 2019, the task force provided recommendations for more sustainable events based on their pilot study. These following recommendations will be implemented in the 2020 special event permit process: location flags for waste stations and providing signage for recycling and landfill bins. Both of these will reduce contamination and confusion.



Key developments

Bag Ban and Fee

The bag ban and fee was successfully rolled out by the City Of Steamboat Springs on October 1st, 2019. The City Council passed an ordinance in May 2019 that adopted a ban on single-use carryout plastic bags at 4 large stores within the City limits, City Market, Safeway, Walmart, and Natural Grocers. The ban and fee have been relatively well-received by the community. Businesses not included in the ban have the option to opt-into the program.

2020 Recycling Study

The City of Steamboat Springs with MainStreet Steamboat will be conducting a recycling study of how our local recyclable items flow in, through, out of our community, and where they ultimately get processed. This study will help the City evaluate our current landscape for recycling in our community. They will then use this data/information to update the Steamboat Springs Recycling ordinance that was last updated in 2000.



powered by





YAMPA VALLEY
RECYCLES

RECYCLING GUIDE

Search hundreds of items and find out where to recycle them locally at YampaValleyRecycles.org

What goes in your recycling bin?



Do NOT put your recyclables in a plastic bag

LOCAL CURBSIDE RECYCLING & RECYCLING DROP-OFF

Waste Management • SRC Recycle and Refuse • Twin Enviro Services

Contact your waste hauler for questions regarding curbside recycling guidelines.

KEEP THESE ITEMS **OUT** OF YOUR RECYCLING BIN

1. Plastic bags
2. Paper, cardboard or plastics with grease and/or food residue
3. Non-recyclable plastics, #3, #4, #6 (Styrofoam™ included) & #7
4. Liquids
5. Shredded paper
6. Scrap metal
7. Batteries
8. Compostable products (PLA #7)
9. Medical waste (syringes, gauze, etc.)
10. Broken or non-container glass (porcelain, ceramic, light bulbs, etc.)

BROUGHT TO YOU BY



Where can I recycle electronics?

plastic bags
batteries



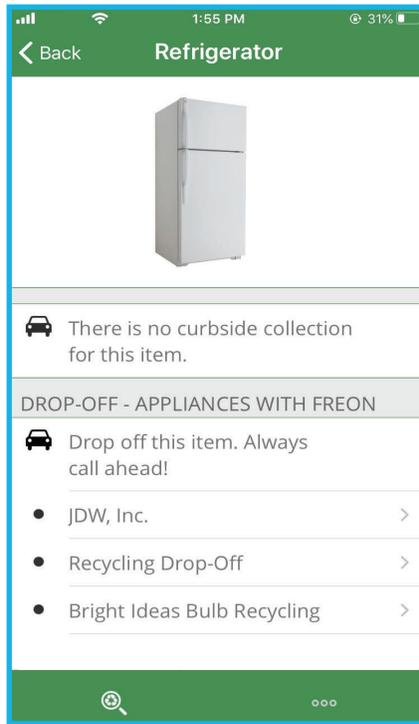
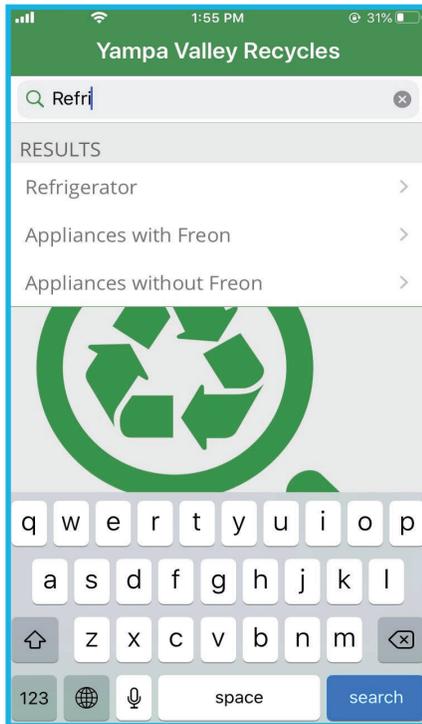
YAMPA VALLEY
RECYCLES

Visit YampaValleyRecycles.org or download the free mobile app to learn where to recycle 100s of items.

Below are common hard-to-recycle items. Check the app for comprehensive recycling, reuse & repair options.



APPLIANCES &
SCRAP METAL



ELECTRONICS



FLOURESCENT
LIGHT BULBS



PLASTIC BAGS &
FILM



CELL PHONES &
CHARGERS



TIRES



MATTRESSES



BATTERIES



HOUSEHOLD
HAZARDOUS WASTE

THANK YOU TO OUR SPONSORS



Search recyclable items by using your phone camera to scan this QR code or visit YampaValleyRecycles.org.

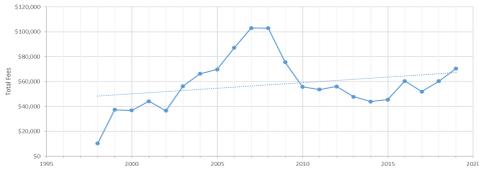


2021
GENERAL FUND
RECYCLING - COMMUNITY RESOURCES
SCOTT COWMAN
979-870-5401

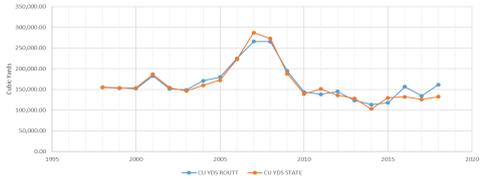
BRIDGE REV CHARGED SINCE 2003

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	TOTAL	
	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	BUDGET	BUDGET	BUDGET	2003-2020	
RECYCLE REVENUE @ \$ 2425 / CU YD	35,250	41,432	43,648	54,483	64,470	64,369	47,220	34,902	33,551	35,072	29,945	27,486	28,482	37,864	32,519	37,752	43,213	36,380	36,380	36,380	728,038	
BRIDGE REVENUE @ \$ 1455 / CU YD	21,150	24,859	26,189	32,690	38,683	38,621	28,332	20,841	20,130	21,043	17,967	16,491	17,089	22,718	19,512	22,851	25,928	21,830	23,280	21,830	436,624	
TOTAL REVENUE	56,400	66,291	69,837	87,173	103,153	102,990	75,552	55,743	53,681	56,115	47,912	43,977	45,571	60,582	52,031	60,403	69,141	58,210	59,660	58,210	1,164,662	
AMOUNT PAID TOWARD MCGREGOR BRIDGE MATCH	23,109	24,859	26,189	83,280	160,000	40,000	40,000	20,000	20,000	-	5,000	10,000	5,000	10,000	15,000	15,000	15,000	15,000	15,000	15,000	527,437	
BRIDGE REVENUE REQUIRED PER RESOLUTION TO DATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	436,824
AMOUNT PAID IN EXCESS FOR MCGREGOR BRIDGE	1,969	-	-	50,590	121,317	1,379	11,668	(841)	(130)	(21,043)	(12,967)	(6,491)	(12,089)	(12,718)	(4,512)	(7,651)	(10,928)	(6,830)	(8,280)	(6,830)	90,613	

Total Fees Collected (1998-2019)



Reported Cubic Yards - Routt vs State (1998-2018)



MCGREGOR BRIDGE MATCH AMOUNT	661,061	80% Collected
AMOUNT PAID INCLUDING 2020 PAYMENT	527,437	
BALANCE FOR MCGREGOR BRIDGE MATCH	133,624	
Current Budget Annual Payment	15,000	
Number of years to pay off	8.9	
Pay off year	2028	



ROUTT COUNTY BOARD OF COUNTY COMMISSIONERS
AGENDA COMMUNICATION FORM

ITEM DATE: August 27, 2020	ITEM TIME: 10:30 am

FROM:	Tegan Ebbert
TODAY'S DATE:	August 24, 2020
AGENDA TITLE:	Donaldson Lot Consolidation extension request ; PL-18-144

CHECK ONE THAT APPLIES TO YOUR ITEM:

ACTION ITEM

DIRECTION

INFORMATION

I. DESCRIBE THE REQUEST OR ISSUE:

Request to extend the deadline to finalize and record the final plat for the Donaldson Lot Consolidation project, PL-18-144. (Formerly Calistro Lot Consolidation)

II. RECOMMENDED ACTION (*motion*):

Move to approve an extension of six (6) months for the Donaldson Consolidation Plat to be finalized and recorded.

III. DESCRIBE FISCAL IMPACTS (VARIATION TO BUDGET):

PROPOSED REVENUE (*if applicable*): \$

CURRENT BUDGETED AMOUNT: \$

PROPOSED EXPENDITURE: \$

FUNDING SOURCE:

SUPPLEMENTAL BUDGET NEEDED: YES NO

Explanation: N/A

IV. IMPACTS OF A REGIONAL NATURE OR ON OTHER JURISDICTIONS (IDENTIFY ANY COMMUNICATIONS ON THIS ITEM):

N/A

V. BACKGROUND INFORMATION:

The application for a lot consolidation, vacation of easements, and rezone from Low Density Residential to Mountain Residential Estates was reviewed and approved by the BCC on August 28th, 2018. The project was known formerly as the Calistro Lot Consolidation. Condition of approval #1 stated “the Final Plat shall be finalized and recorded within one (1) year unless an extension is granted pursuant to Section 2.1.6, Routt County Subdivision Regulations. Extensions to up to one (1) year may be approved administratively.”

The applicant, Steven Donaldson was granted a one year extension on August 28, 2019. This project encountered some delays when liens were discovered associated with Mr. Donaldson’s project partner. Mr. Donaldson elected to pursue the project without the partner that initially



ROUTT COUNTY BOARD OF COUNTY COMMISSIONERS

AGENDA COMMUNICATION FORM

was part of the application as the result of the liens. Mr. Donaldson is request further extension of the deadline in order to complete the project.

Mr. Donaldson has submitted his title commitment and the draft version of the final plat is currently undergoing redline edits and County Attorney review. Staff are confident that six (6) months is an adequate extension to complete this project.

VI. LEGAL ISSUES:
N/A
VII. CONFLICTS OR ENVIRONMENTAL ISSUES:
N/A
VIII. SUMMARY AND OTHER OPTIONS:
<ol style="list-style-type: none">1. Approve the extension request for six (6) months2. Approve the extension request for a different specified amount of time3. Table for more information4. Deny the extension request
IX. LIST OF ATTACHMENTS:
<ul style="list-style-type: none">• Meeting minutes from August 28, 2018• Staff report for PL-18-144• Extension request from applicant, Steven Donaldson

Commissioner Corrigan moved, as the Board of County Commissioners for Routt County, to join the Kane County, Utah v. United States, Case Nos. 17-1739C and 17-1991C (Consolidated) PILT Class Action Lawsuit and authorization to complete a Class Action Opt-In Notice Form and authorized the Routt County Attorney to fill out the necessary forms.

Commissioner Hermacinski seconded; the motion carried 3-0.

WOLF MOUNTAIN DIVISION ORDER

Ms. Zulevich stated that this item is the consideration for the Chair to sign the Division Order to Plains Marketing, L.P. for payment of the County's decimal royalty interest in production proceeds from the Wolf Mountain Well #15-2-87 oil and gas well. The County owns these mineral interests that they acquired through treasurers deed in the 1930's. Those interests were leased in 2000 and the well went into production in 2005. Occasionally the lessee changes payment companies thus the need for a new Division Order to receive the royalties on the lease.

MOTION

Commissioner Hermacinski moved to approve and authorize the Chair to sign the Division Order to Plains Marketing, L.P. for payment of the County's decimal royalty interest in production proceeds from the Wolf Mountain Well #15-2-87 oil and gas well.

Commissioner Corrigan seconded; the motion carried 3-0.

EN RE: PLANNING / CHAD PHILLIPS

Kristy Winser, Planning; Larry Calistro and Stephen Donaldson, applicants for PL-18-144; Tim Borden, applicant for PL-18-167; and Jim Boyne, Steamboat Springs Winter Sports Club, were also present.

CALISTRO CONSOLIDATION; PL-18-144, PL-18-151, PL-18-152

Commissioner Corrigan disclosed that Mr. Calistro was an employee of his approximately 30 years ago but he has no financial relationship with him currently and can act in an unbiased manner during this hearing. Commissioner Monger disclosed that Mr. Calistro called him to discuss the application but he advised Mr. Calistro that the application needed to be heard by the Planning Commission and the Board of County Commissioners and he to can act in an unbiased manner during this hearing.

Ms. Winser stated that the purpose of this request is to consolidate Lots 107 and Lots 112 thru 120 (10 lots) and replat those lots into two 5-acre parcels for the development of a home on each parcel. Re-zoning of those parcels to MRE (5-acre zoning) is the minimum lot size required for an onsite wastewater treatment system (OWTS). The lots will be served by wells. Utility and trail easements in the interior of the new lots will be vacated.

Ms. Winser continued that this request was considered by the Planning Commission on August 2, 2018 where after review and consideration they moved to recommend approval with an 8-1 vote of the consolidation, change of zone and vacation of utilities. The dissenting vote was from Commissioner Benjamin, who stated that he was in favor of the application but that he did not agree with the recommendation to waive the fee in lieu of public sites which was originally condition 11. Planning Commission recommended to remove the condition 11 with the finding of fact that that the proposed lot consolidation would reduce rather than increase the impact on parks, schools and other public sites. Condition 11 read "A fee in lieu for the Steamboat Lake and Stagecoach Replats was established in May, 2007. Prior to recording the final plat, the applicant shall pay a fee of \$1,400 to satisfy the fee-in lieu requirements found in Section 3.5.2 of the Routt County Subdivision Regulations."

Ms. Winser added that Planning Commission also recommended to remove condition of approval No. 13 which states "No more than one access driveway per lot shall be permitted". This condition was recommended by Road and Bridge (R&B) which is a standard condition intended to limit multiple access points to a single parcel. In this particular case, the applicant already has an access permit to each future building site. After further discussion with R&B, if the applicant wanted to request an additional access permit in the future, the request would be considered on a case-by-case basis at that time.

Ms. Winser noted, regarding Condition 11 that was removed by Planning Commission, she has only seen the fee in lieu waived once in her time with Routt County. The application that received a waiver because there was a property with an existing home consolidating for more acreage. The Calistro property could feasibly have one house built on each of the 10 lots currently but they will be reducing to only two buildable lots which influenced Planning Commissions decision to waive the fee.

Mr. Calistro stated that he has owned one of these lots since the late 1980's when this subdivision went into foreclosure. This area is on an island now separated from the rest of the Stagecoach Property Owners Association (SPOA) subdivisions. This means they are responsible for the improvement and maintenance of the road. There are no funds for the Overland subdivision roads. Also a building permit cannot be issued until they improve the road going back to County Road 16. No improvements have been made by SPOA in 30 years and Mr. Calistro questions the ability for any development to happen beyond these lots.

Commissioner Corrigan asked about condition 10 regarding a no build zone. Ms. Winser noted that instead of building envelopes now no build zones are indicated on plats.

Commissioner Hermacinski noted that she is fine waiving the fee in lieu. She sees that this is going from 10 lots to two lots and that supports what the County wants to encourage.

Commissioner Corrigan stated that he disagrees, he does not want to set precedent of waiving these fees. The \$1,400 is already a significant reduction from the 5% fee that would typically be charged.

Commissioner Monger noted that he wants to see the \$1,400 fee in lieu implemented. There are impacts that will be created by these two houses that need to be paid for.

Mr. Calistro questioned that the County wants him to maintain and plow the roads even though it is a county road and to pay the fee in lieu. Commissioner Monger replied that this is not a county road, this was a road deeded from the county as a public right of way and the county does not own it. Mr. Calistro asked why SPOA receives plowing on some of the other roads. Commissioner Corrigan responded that is a result of a lawsuit from 1978.

Mr. Calistro commented that he and Mr. Donaldson have a lot invested into this property but they continue to face opposition from SPOA and now the County. They cannot find any help to get this project progressed. Commissioner Corrigan replied that it is not the job of the County to help people with development projects.

Commissioner Corrigan stated his concern is that that if they do not charge this \$1,400 fee in lieu then when would it ever apply. Commissioner Hermacinski replied that it would be in an instance when there is not a buildable lot but a consolidation creates one.

Commissioner Corrigan noted that he feels as though Commissioner Hermacinski's argument is persuasive for him and he is alright waiving the fee in lieu. Commissioner Monger noted that the waiver of this fee in lieu does not set precedent and from the testimony the consolidation does take the number of buildable lots from 10 to two.

MOTION

Commissioner Monger moved to approve the lot consolidation with the finding of fact that the proposal with the following conditions complies with the applicable guidelines of the Routt County Master Plan and the Stagecoach Community Plan, and is in compliance with Sections 4, 5 and 6 of the Routt County Zoning Regulations, and Section 3 and 4 of the Routt Subdivision Regulations. In addition, Commissioner Monger cited the finding of fact that the proposed lot consolidation would reduce rather than increase the impacts on parks, schools and other public sites. This approval is subject to the following conditions:

1. The Final Plat shall be finalized and recorded within one (1) year unless an extension is granted pursuant to Section 2.1.6, Routt County Subdivision Regulations. Extensions to up to one (1) year may be approved administratively.
2. Prior to recordation, the applicant shall submit an electronic copy of the approved plat to the County Planning Department in a .DWG format or other format acceptable to the GIS Department.
3. Prior to recordation all fees must be paid in full.
4. All property taxes must be paid prior to the recording of the plat.
5. The following notes shall be shown on the plat:
 - a. Routt County is not responsible for maintaining or improving subdivision roads.
 - b. The suitability of these lots for an individual septic disposal system and the availability of permits for individual septic disposal systems have not been established and such shall be a condition of obtaining a building permit for these lots.
 - c. Existing and new accesses shall meet access standards set forth by the Routt County Road and Bridge Department and Fire Prevention Services.
 - d. The availability of water and permits for wells on the lots or parcels hereon shown has not been established.

- e. Routt County (County) and the South Routt Fire District (District) shall be held harmless from any injury, damage, or claim that may be made against the County or the District by reason of the County's or the District's failure to provide ambulance, fire, rescue or police protection to the property described on this plat, provided that the failure to provide such services is due to inaccessibility of the property by reason of internal roads being impassable. This conditions shall not relieve the County or the District of their responsibility to make a bona fide effort to provide emergency services should the need arise.
6. Address signage shall be in conformance with Routt County Road Addressing, Naming, and Signing Policy shall be located at the entrance to the driveway.
7. A current soils test showing that the soils are sufficiently stable to support development will be required before obtaining a building permit.
8. Revegetation of disturbed areas shall occur within one growing season with a seed mix that avoids the use of aggressive grassed. See the Colorado State University Extension Office for appropriate grass mixes.
9. All exterior lighting shall be downcast and opaquely shielded.
10. A 'no build' zone shall be indicated on the plat to avoid construction of structures, septic fields and roads in areas including, but not limited to 30% or greater slopes. The "no build" zones shall be defined on the plat and approved by the Planning Director before the plat is recorded.
11. Property owners shall obtain and comply with the "Colorado State Forest Service Guidelines on Defensible Space.
11. Property owners shall obtain and comply with the "Colorado State Forest Service Guidelines on Defensible Space.
12. Prior to recording the plat, the south west corner of Lot 1 and Lot 2 shall be adjusted to conform to the consolidation under the definition of contiguous.
13. The property owners shall obtain a permit for the OWTS from the Routt County Environmental Health Department during the building permit process.

Commissioner Corrigan seconded;

Under discussion, Commissioner Monger noted that although he struggles somewhat with the waiver of the fee in lieu, he sees that the argument supporting from Commissioner Hermacinski is appropriate in this instance.

The motion carried 3-0.

MOTION

Commissioner Monger moved to approve the zone change from LDR to MRE with the findings of fact that the proposal with the following conditions meets the applicable guidelines of the Routt County Master Plan and Stagecoach Community Plan and is in compliance with the applicable provisions of Sections 8 of the Routt County Zoning Regulations. This approval is subject to the following conditions:

1. The change of zone from Low Density Residential- LDR to Mountain Residential Estate- MRE shall become effective upon signing of a resolution amending the Official Zoning Map by the Board of County Commissioners, said resolution to be recorded in the Routt County Clerk and Records Office.
2. The zone change is contingent upon a Final Plat being recorded.

3. The approval shall not be issued until all fees have been paid in full. Failure to pay fees may result in revocation of this approval.

Commissioner Corrigan seconded; the motion carried 3-0.

MOTION

Commissioner Monger moved to approve the vacation of utility easements with the findings of fact that the proposal with the following conditions complies with the applicable guidelines of the Routt County Master Plan and Stagecoach Community Plan and is in compliance with Sections 4, 5, and 6 of the Routt County Zoning Regulations, Sections 3 and 4 of the Routt County Subdivision Regulations. This approval is subject to the following condition:

1. A resolution vacating the utility and drainage easements shall be recorded concurrently with the Final Plat.
2. Any New utility and drainage easements shall be shown and dedicated on the final plat.

Commissioner Corrigan seconded; the motion carried 3-0.

TIM BORDEN; PL-18-167

Ms. Winser stated that this is a request to waive the application fee for a special use permit for a home industry that will be heard at a later date. Generally a waiver of an application fee can be done by the Planning Director if it is a project for a nonprofit entity, public entity, or a project initiated by Routt County. The application that will be reviewed at a later date is requesting approval to manufacture fireworks that are donated to the Winter Sports Club Winter Carnival Firework Show and the Winter Sports Club is a 501(c) (3) organization.

Mr. Borden stated that this activity is being categorized as home industry however he is not in commerce at all. He builds one or two fireworks annually. He holds both a federal and state permit for this activity and his facility is inspected every three years. He is subjected to many regulations and ample supervision. These fireworks are donated to benefit the Steamboat Springs Winter Sports Club and ultimately the public.

Mr. Boyne stated that not only does Winter Sports Club benefit but the community as a whole benefits when people attend the Winter Carnival for the purpose of seeing the fireworks.

Commissioner Monger noted that this is one of those permits that doesn't quite fit into the land use chart and he apologized for the inconvenience of going through this process. Commissioner Corrigan agreed that this is an activity that was never anticipated when the land use chart was created and he is in favor of waiving the fees. Commissioner Hermacinski added that she too is in favor of the application fee being waived in this instance.

MOTION

Commissioner Hermacinski moved to waive the Special Use Permit fees for PL-18-167.

Commissioner Monger seconded; the motion carried 3-0.

Overland at Stagecoach, Calistro Consolidation, Zone Change and Vacation of Easements

ACTIVITY #: **PL18-144, PL-18-151 and PL-18-152**

HEARING DATES: Planning Commission: 08/02/2018 at 6:00 pm
Board of County Commissioners: 08/28/2018 at 1:30 pm

PETITIONER: Larry Calistro

PETITION:

- 1) **PL-18-144:** Consolidation of lots 107 and lots 112 thru 120
- 2) **PL-18-151:** Rezone from Low Density Residential LDR to Mountain Residential Estate MRE
- 3) **PL-18-152:** Vacation of utility easements

LEGAL DESCRIPTION: Lots 107 and Lots 112 thru 120, Overland at Stagecoach

LOCATION: Overland at Stagecoach

ZONE DISTRICT: Existing: LDR
Proposed: MRE

AREA: 10.66 acres

STAFF CONTACT: [Kristy Winser Kwinser@co.routt.co.us](mailto:Kwinser@co.routt.co.us)

ATTACHMENTS:

- Narrative
- Aerial
- Existing Conditions
- Proposed Plat
-

History:

Overland Subdivision is located in the south area of Stagecoach and was platted in the early 1970's with the intent that roads, water and sewer would be installed to service the lots. This did

not occur for many of the subdivisions in Stagecoach, including the subject lots which are not served by the Morrison Creek Water and Sewer District (MCW&S).

Site Description:

The properties are vacant and approximately an acre in size each, mostly timbered with aspen and pine trees. The site is relatively flat but slopes to the north with grades less than 30%. The site is located along Ramunda Trail and King Bolt Trail which is a platted Right-of-Way consisting of about a 16-foot gravel surface.

Project Description:

The purpose of this request is to consolidate Lots 107 and Lots 112 thru 120 (10 lots) and replat those lots into two 5-acre parcels for the development of a home on each parcel. Re-zoning of those parcels to MRE (5-acre zoning) is the minimum lot size required for an onsite wastewater treatment system (OWTS). The lots will be served by wells. Utility and trail easements in the interior of the new lots will be vacated.

Staff Comments:

This is a standard lot consolidation with zone change and request for the vacation of utility easements and appears to be supported in the Stagecoach Community Plan. The Stagecoach area is considered a 'potential growth center' and the Routt County Master Plan encourages development in these areas. The Stagecoach Community Plan (Plan) encourages lot consolidations and infill development. It is an alternative path to development that avoids the need for a vault, the extension of water and sewer lines and also helps reduce density in the area.

The configuration of proposed Lot 1 and Lot 2 includes the consolidation of contiguous parcels which allows for lots across the Right-Of-Way to be considered in the 5-acre equation. However, in this instance Lot 2 may need to be tweaked slightly at the south west corner where Lot 1 and Lot 2 meet. This can be made a condition of approval and be addressed during the plat review.

Roads access to the site is in good condition via Ramunda Trail but could require some upgrades for an adequate turn around area for emergency access when a building permit is pulled. This also can also be made a condition prior to a building permit.

Comments received in response to the referrals sent to involved and interested agencies regarding the proposal and vacation of utility easements did not indicate any opposition to the proposal. Specific comments from R&B and Morrison Creek Sanitation District asked for conditions of approval to be included for your consideration. They are included in the Conditions of Approval.

Compliance with the Routt County Master Plan, Sub Area Plans and Subdivision Regulations

The Routt County Master Plan, Sub Area plans and Subdivision Regulations contain dozens of policies and regulations regarding land use. Section 3 of the Subdivision Regulations are in place to ensure that a subdivision application is designed in a manner to best serve the public. Section 4

Regulations are in place to make sure that all of the required infrastructure is accounted for, designed so as to create efficient and buildable lots and to ensure that the required infrastructure is installed.

The following checklist was developed by Planning Staff to highlight the policies and regulations most directly applicable to this petition. The checklist is divided into seven (7) major categories:

1. Public Health, Safety and Nuisances
2. Regulations and Standards
3. Zoning Amendment Standards
4. Easement/ROW Vacation Standards
5. Community Character and Visual Impacts
6. Roads, Transportation and Site Design
7. Subdivision Improvement Standards
8. Natural Environment
9. Mitigation

Interested parties are encouraged to review the Master Plan, Sub Area plans and Subdivision Regulations to determine if there are other policies and regulations that may be applicable to the review of this petition.

Staff Comments are included at the end of each section, highlighting items where the public, referral agencies, or planning staff have expressed questions and/or comments regarding the proposal. **Staff comments regarding compliance with regulations and policies are noted in bold below.**

Public Health, Safety and Nuisances

Applicable Regulations – Routt County Zoning Resolution

- 6.1.7. C Natural Hazards
- 6.1.7. I Noise
- 6.1.7. H Wildland Fire

Applicable Regulations – Routt County Subdivision Resolution

- 3.1.D Steep land greater than a 30% slope, unstable land, land subject to flooding or to inadequate drainage, or otherwise substandard land shall not be platted for occupancy or any use which might endanger health, life, property or which may aggravate flood or erosion hazards. Land not usable for residential purposes may be set aside for open area uses such as parks, conservation areas, farm land, recreational areas.
- 3.1. M The soil and drainage conditions shall be of a sufficiently stable nature, as shown in a current soils test, as to support development including whatever sewage disposal treatment is utilized.
- 3.1. N The proposed subdivision shall not create fire hazards and shall include wildland fire mitigation measures if necessary.

Staff comment: The property is gently sloping to the north with no steep slopes greater than 30%. This area is not mapped for any natural hazards or fire concerns. A soils test will have to be completed prior to any construction on the property.

***Is the application in compliance with the Policies and Regulations outlined above? Yes or No*

Regulations and Standards

Applicable Regulations – Routt County Zoning Resolution

- 6.1.2 The proposal shall be consistent with applicable Master Plans and sub-area plans.
- 6.1.5 Industry Standards: The proposal shall meet or exceed accepted industry standards and Best Management Practices (BMP's).

Applicable Regulations – Routt County Subdivision Resolution

- 3.1. O No subdivision of land shall occur on an area of land with commercial mining potential when such subdivision would preclude the extraction of a mineral resource of a commercial value greater than that of the proposed subdivision. This shall not apply in a case where the surface rights and the mineral rights are owned by the same individual.
- 3.1. P Proposed subdivisions shall be in substantial conformance with the Routt County Master Plan and all adopted sub-area plans.
- 3.1. Q Proposed subdivisions shall be in substantial conformance with Section 6 of the Routt County Zoning Regulations.

Applicable Policies – Routt County Master Plan

- 3.3. A New residential, commercial and industrial developments and uses should occur within the vicinity of designated growth centers and in compliance with the adopted comprehensive plans of those areas.
- 3.3. D Residential densities should generally decrease as the distance from Growth Centers increase.

Applicable Policies – Sub-Area Plan

- 5.4.1. Infill and Replats (Lot Consolidations)
 - a. The preservation of open space and limited-density development should be encouraged in areas that lack infrastructure, unless infrastructure can be provided.
 - c. The consolidation of lots originally platted and zoned for higher densities into parcels of 5 acres or more should be encouraged.
 - d. Infill development and consolidations for residential development should be encouraged in the South Area of Stagecoach.

- f. The development of single family lots of sufficient size to ensure safe setbacks from individual septic systems and water wells should be supported through the lot consolidation process.

Staff comments: Overland at Stagecoach is an existing platted subdivision in the south area of Stagecoach. Due to limited infrastructure in the area to support development, the consolidation process is an alternative to developing single family residences on lots originally platted and zoned for higher densities. By consolidating the lots into parcels of 5 acres, the proposal will help preserve open space and decrease density.

***Is the application in compliance with the Policies and Regulations outlined above? Yes or No*

Zoning Amendment Standards

Applicable Regulations – Routt County Zoning Resolution

4.5 MRE-Mountain Residential Estate

Except as provided for in the Routt County Master Plan or an adopted sub-area plan, or for the purpose of rezoning from LDR, MDR, or HDR to MRE, no additional land will be placed in the MRE Zone District after July 1, 2006. The principal purpose of this Zone District is to allow rural residential development compatible with adjacent agricultural uses. The Zone District also provides for other uses, most requiring permits.

8.2.1 Standards for Zoning Amendments – Part 1

In any petition for zoning amendment, the petitioner shall have the burden of showing that all of the following exist:

- 8.2.1. A That the proposed zone change is consistent with the goals and policies of the Master Plan and any applicable sub-area plans.
- 8.2.1. B That the area in question possesses geological, physiological and other environmental conditions compatible with the characteristic of the Zone District requested.
- 8.2.1. C That the advantages of the Zone District requested substantially outweigh the disadvantages to the County and neighboring land occasioned by the amendment.
- 8.2.1. D That the applicable provisions of these Regulations have been met
- 8.2.1.E That in the case of a zone amendment request that would increase allowable residential, commercial, or industrial density, that adequate facilities such as roads, water and sanitation, fire protection, emergency services and public utilities shall be available to serve the areas.

8.2.2 Standards for Zoning Amendments – Part 2

In addition, zoning amendments shall be allowed only after the petitioner demonstrates that rezoning is necessary for one or more of the following reasons:

- 8.2.2.A The existing Zone District is inconsistent with the policies and goals of the applicable Master Plan and any applicable adopted area or community plan; or

- 8.2.2.B The area for which rezoning is requested has changed or is changing to such a degree that it is in the public interest to encourage a new use or density in the area; or
- 8.2.2. C The proposed rezoning is necessary in order to provide land for a demonstrated community need

Applicable Policies – Sub-Area Plan

5.6.1. D. Support rezoning of five-acre lots in order to allow the use of OWTs.

Staff comments: The Stagecoach area is viewed as a potential growth center. The Stagecoach Community Plan encourages the development of residential property in the south area through the re-zoning and consolidation process.

***Is the application in compliance with the Policies and Regulations outlined above? Yes or No*

Easement/Right-of-Way Vacation Standards

Applicable Regulations – Routt County Subdivision Resolution

- 2.8.1. A In the case of a plat, the plat to be vacated is a legal plat of record.
- 2.8.1. B Vacation will not interfere with development of, nor deny access via public thoroughfare to adjoin property, utility services or other improvements.
- 2.8.1. C Vacation will not interfere with the orderly development of utilities to nearby properties.
- 2.8.1. D Vacation will not be contrary to the Routt County Master Plan or Zoning Regulations.

Staff comments: The applicant is not requesting a vacation of the road. The request does however include the vacation of utility and trail easements on the interior of the new lots that were created with the original subdivision. Based on responses, there appears to be no issue with this request from owners of the easement.

***Is the application in compliance with the Policies and Regulations outlined above? Yes or No*

Community Character and Visual Impacts

Applicable Regulations – Routt County Zoning Resolution

- 5.10 Standards for Structures within mapped Skyline Areas
- 6.1.6 Outdoor Lighting: The proposal shall comply with the Outdoor Lighting Standards in Section 6.3 of these Regulations.
- 6.1.7. G Visual Amenities and Scenic Qualities.
- 6.1.7. K Land Use Compatibility
- 6.1.7. O Historical Significance

Applicable Regulations – Routt County Subdivision Resolution

- 3.1. K The proposed subdivision shall not create water, air, noise or visual impacts that cannot be mitigated.
- 3.1. L The proposed subdivision shall include plans for adequate screening from major access roads, including landscaping and other means to preserve privacy and mitigate visual impacts to surrounding areas.
- 4.5.5 All fixtures shall be downcast and opaquely shielded. For purposes of this section, opaquely shielded shall mean fixtures constructed so that light rays emitted are projected below, and not above, the horizontal plane of the fixture and not onto the facades of nearby residential dwellings.

Applicable Policies – Routt County Master Plan

- 5.3. A The County encourages the use of "green" building techniques that lead to the conservation of energy and overall reduction of pollution in our environment.
- 5.3. C Discourage development on ridges that result in skylining.
- 5.3. E Routt County requires that all new developments do not contribute to light pollution.
- 5.3. F Routt County will continue to consider the impacts of development and uses on view corridors, water, wetlands, and air.

Applicable Policies – Sub-Area Plan

5.5.1. Policies

- a. New construction should avoid the hazards associated with building on steep slopes and geologically unstable areas.
- f. New construction on slopes over 30% should not be approved, unless no other building site is available on the parcel, or unless building on an alternative site would violate other portions of this Plan.
- g. New improvements in critical wildlife habitat areas (as designated CPW) should not be Approved, unless no other building site is available on the parcel, or unless building on an alternative site would violate other portions of this Plan. All property fencing should be of a type approved by the CPW to minimize risks to wildlife.
- j. New improvements for human occupancy should be located outside of designated severe wildfire hazard areas wherever possible, and should be designed to comply with the "Colorado State Forest Service Guidelines on Defensible Space."

Staff comments: The lot is not skylined or on steep slopes. There are no known hazards in the area and no concerns raised from CPW. This use creates minimal impacts to the area and also reduces the intensity of use from the possibility of 10 residences to two. Conditions of approval have been added for any proposed lighting and also for compliance with Colorado State Forest Service Guidelines on Defensible Space.

***Is the application in compliance with the Policies and Regulations outlined above? Yes or No*

Roads, Transportation and Site Design

Applicable Regulations – Routt County Zoning Resolution

- 5.2 Dimensional Standards
- 5.4 Parking Standards
- 5.5 Addressing
- 5.6 Access to Buildable Lot Standards
- 5.7 Right of Way Access Standards
- 5.8 Road Construction Standards
- 6.1.4 Public Road Use Performance Standards: The proposal shall comply with the Public Road Use Performance Standards in Section 6.2 of these Regulations.
- 6.1.7. A Public Roads, Services and Infrastructure
- 6.1.7. B Road Capacity, traffic, and traffic safety
- 6.1.7. N Snow Storage

Applicable Regulations – Routt County Subdivision Resolution

- 3.1. H The proposed subdivision shall not create undue traffic congestion or traffic hazards.

Applicable Policies – Routt County Master Plan

- 11.3. A All roads in rural residential subdivisions should be privately maintained. They will not be accepted for maintenance, except at the option of the Board of County Commissioners. This policy should be reflected in the restrictive covenants of the subdivision.

Staff comments: Ramunda and King Bolt Trail are not County maintained roads. Although these roads are platted as 60' Rights of Way, Ramunda Trail is 16' wide consisting of mostly gravel to the terminus of the proposed consolidation. The Fire District responded that there have been preliminary discussions with the applicant and that any improvements to the road that may be required can be addressed during a building permit process. There is an access permit for Lot 2 and existing access to Lot 1. As per Road and Bridge, no more than one access driveway per lot would be allowed as part of this approval. The consolidation of the lots will meet lot standards such as parking, addressing, snow storage and dimensional standards.

***Is the application in compliance with the Policies and Regulations outlined above? Yes or No*

Natural Environment

Applicable Regulations – Routt County Zoning Resolution

- 6.1.7. D Wildlife and Wildlife Habitat.
- 6.1.7. E Water Quality and Quantity.
- 6.1.7. F Air Quality
- 6.1.7. J Wetlands.
- 6.1.7. Q Noxious Weeds.

Applicable Regulations – Routt County Subdivision Resolution

- 3.1. E Any land subject to flooding or in a natural drainage channel shall not be platted for occupancy. The areas subject to flooding should be left as open space or reserved as conservation easement areas.
- 3.1. J An adequate water supply shall be available for the proposed subdivision.
- 3.4. D Lot area requirements for water and sewer systems shall be required pursuant to the Routt County Zoning Regulations and the ISDS Regulations.
- 3.3. E Sufficient area for leach fields where individual sewage disposal systems are proposed in conformance with the Routt County Department of Environmental Health regulations; and
- 3.3. F Suitable location for wells where individual septic systems are proposed in conformance with the Routt County ISDS Regulations.

Staff comments: The area where the lots are mapped do not indicate any environmental concerns such as wetlands, wildlife or wildfire. The applicant will have to meet permit requirements for septic, building and G&E. The petitioner is proposing to drill a water well and has had preliminary discussions with the District that wells will be permitted in the Districts name.

Is the application in compliance with the Policies and Regulations outlined above? **Yes or No

PLANNING COMMISSION/BOARD OF COMMISSIONER OPTIONS:

1. **Approve the Consolidation, Zone Change and Easement Vacation request without conditions** if it is determined that the petition will not adversely affect the public health, safety, and welfare and the proposed use is compatible with the immediately adjacent and nearby neighborhood properties and uses and the proposal is in compliance with the Routt County Zoning and Subdivision Regulations and complies with the guidelines of the Routt County Master Plan.
2. **Deny the Consolidation, Zone Change and Easement Vacation request** if it is determined that the petition will adversely affect the public health, safety, and welfare and/or the proposed use is not compatible with the immediately adjacent and nearby neighborhood properties and

uses and/or the proposed use is not in compliance with the Routt County Zoning and Subdivision Regulations and/or the Routt County Master Plan, Make specific findings of fact; cite specific regulations or policies by number from the Routt County Master Plan, and the Routt County Zoning Regulations.

3. **Table the Consolidation, Zone Change and Easement Vacation request** if additional information is required to fully evaluate the petition. Give specific direction to the petitioner and staff.
4. **Approve the Consolidation, Zone Change and Easement Vacation request** with conditions and/or performance standards if it is determined that certain conditions and/or performance standards are necessary to ensure public, health, safety, and welfare and/or make the use compatible with immediately adjacent and neighborhood properties and uses and/or bring the proposal into compliance with the Routt County Zoning and Subdivision Regulations and the Routt County Master Plan.

Consolidation

FINDINGS OF FACT that may be appropriate if the **Consolidation** is approved:

1. The proposal with the following conditions complies with the applicable guidelines of the Routt County Master Plan Stagecoach Community Plan and is in compliance with Sections 4, 5, and 6 of the Routt County Zoning Regulations, Sections 3 and 4 of the Routt County Subdivision Regulations.

CONDITIONS that may be appropriate may include the following:

1. The Final Plat shall be finalized and recorded within one (1) year unless an extension is granted pursuant to Section 2.1.6, Routt County Subdivision Regulations. Extensions to up to one (1) year may be approved administratively.
2. Prior to recordation, the applicant shall submit an electronic copy of the approved plat to the County Planning Department in a .DWG format or other format acceptable to the GIS Department.
3. Prior to recordation all fees must be paid in full.
4. All property taxes must be paid prior to the recording of the plat.
5. The following notes shall be shown on the plat:
 - a. Routt County is not responsible for maintaining or improving subdivision roads. The roads shown hereon have not been dedicated nor accepted by the County.
 - b. The suitability of these lots for an individual septic disposal system and the availability of permits for individual septic disposal systems have not been established and such shall be a condition of obtaining a building permit for these lots.
 - c. Existing and new accesses shall meet access standards set forth by the Routt County Road and Bridge Department and Fire Prevention Services.
 - d. The availability of water and permits for wells on the lots or parcels hereon shown has not been established.
 - e. Routt County (County) and the South Routt Fire District (District) shall be held harmless from any injury, damage, or claim that may be made against the County or the District by

- reason of the County's or the District's failure to provide ambulance, fire, rescue or police protection to the property described on this plat, provided that the failure to provide such services is due to inaccessibility of the property by reason of internal roads being impassable. This conditions shall not relieve the County or the District of their responsibility to make a bona fide effort to provide emergency services should the need arise.
6. Address signage shall be in conformance with Routt County Road Addressing, Naming, and Signing Policy shall be located at the entrance to the driveway.
 7. A current soils test showing that the soils are sufficiently stable to support development will be required before obtaining a building permit.
 8. Revegetation of disturbed areas shall occur within one growing season with a seed mix that avoids the use of aggressive grassed. See the Colorado State University Extension Office for appropriate grass mixes.
 9. All exterior lighting shall be downcast and opaquely shielded.
 10. A 'no build' zone shall be indicated on the plat to avoid construction of structures, septic fields and roads in areas including, but not limited to 30% or greater slopes. The "no build" zones shall be defined on the plat and approved by the Planning Director before the plat is recorded.
 11. A fee in lieu for the Steamboat Lake and Stagecoach Replats was established in May, 2007. Prior to recording the final plat, the applicant shall pay a fee of \$1,400 to satisfy the fee-in-lieu requirements found in Section 3.5.2 of the Routt County Subdivision Regulations.
 12. Property owners shall obtain and comply with the "Colorado State Forest Service Guidelines on Defensible Space .
 13. No more than one access driveway per lot shall be permitted.
 14. Prior to recording the plat, the south west corner of Lot 1 and Lot 2 shall be adjusted to conform to the consolidation standards under the definition of contiguous.

ZONE CHANGE

FINDINGS OF FACT that may be appropriate if the **Zone Change** is approved:

1. The proposal with the following conditions meets the applicable guidelines of the Routt County Master Plan and Stagecoach Community Plan and is in compliance with the applicable provisions of Sections 8 of the Routt County Zoning Regulations.

CONDITIONS that may be appropriate may include the following:

1. The change of zone from Low Density Residential- LDR to Mountain Residential Estate- MRE shall become effective upon signing of a resolution amending the Official Zoning Map by the Board of County Commissioners, said resolution to be recorded in the Routt County Clerk and Recorders Office.
2. The zone change is contingent upon a Final Plat being recorded.

3. The approval shall not be issued until all fees have been paid in full. Failure to pay fees may result in revocation of this approval.

UTILITY EASEMENT VACATION

FINDINGS OF FACT that may be appropriate if the Utility Easement and Right-of-Way Vacation is approved:

1. The proposal with the following conditions complies with the applicable guidelines of the Routt County Master Plan and Stagecoach Community Plan and is in compliance with Sections 4, 5, and 6 of the Routt County Zoning Regulations, Sections 3 and 4 of the Routt County Subdivision Regulations.

CONDITIONS that may be appropriate may include the following:

1. A resolution vacating the utility and drainage easements shall be recorded concurrently with the Final Plat.
2. Any New utility and drainage easements shall be shown and dedicated on the final plat.

E&F Associates

Surveyors

PO Box 771965 Steamboat Springs, CO 80477 970-879-5977

Overland at Stagecoach, Calistro Consolidation

Narrative

This is a standard lot consolidation with Zone change and Easement Vacation proposal in Overland at Stagecoach. The proposal consolidates lots 107, 112, 113, 114, 115, 116, 117, 118, 119 and 120 Overland at Stagecoach, Zoned HRD into 2 lots Zoned MRE containing 10.66 acres. The utility and trail easements in the interior of the new Lots will be vacated.

The lots to be consolidated slope to the north and are mostly timbered with pine and Aspen stands. They lie along Ramuda Trail and King Bolt Trail which are Subdivision roads that have 60' wide Rights-of-Way.

The travel-way for Ramuda Trail is 16' wide consisting of mostly gravel surface. The edges have grown-in some but the total width of the surface is stable. The proponent has invested approximately \$10,000 in the road surface and grading since last summer. Access to Ramuda Trail from the lots can be accomplished by a driveway that meets County Road & Bridge Specifications.

King Bolt Trail is a 12' wide gravel road from it's intersection with Ramuda Trail to Bang Board Way from there it is a primitive 2 track road. The intersection of Ramuda Trail and King Bolt Trail acts as an adequate turn-around for emergency vehicles.

There are no areas on the lots with slopes greater than 30%. The entire area is in Zone "X" – Areas of minimal flooding. There are no significant natural features on the lots. The lots will be served by new wells located near the proposed building sites. The soils in the area are stable and suitable for standard house construction. There are no unusual conditions or hazards in the area.

The consolidation proposal is consistent with Section 1.2.2 - Constraints to Development in the Stagecoach Community Plan, adopted March 16, 2017. The proposal is also in conformance with Section 6 of the Routt County Zoning Regulations. The consolidation creates an advantage to the Zone District and the surrounding properties by lowering the density and minimizing the impacts of construction and traffic.

My Map in Routt County



7/26/2018, 9:23:46 AM

Points



Override 1

Parcel

Roads

State

Public - Primary

Public - Local

Public - 4WD

Private

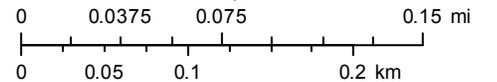
Town

USFS

World Imagery

Citations

1:4,514



Esri, HERE, Garmin, © OpenStreetMap contributors, and the GIS user community

Routt County GIS User

Overland at Stagecoach, Calistro Consolidation

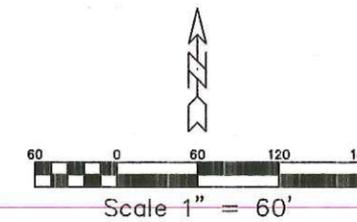
A Consolidation of Lots 107 and Lots 112 thru 120, Overland at Stagecoach,
in Section 21, T.3 N.,R.84 W. of the 6th P.M.,
Routt County, Colorado.

EXISTING CONDITIONS EXHIBIT

LEGAL DESCRIPTION

Lots 107, 112, 113, 114, 115, 116, 117, 118, 119 and 120,
Overland at Stagecoach,
in Section 21, T.3 N.,R.84 W. of the 6th P.M.,
Routt County Colorado.

Total platted acreage = 10.71 acres

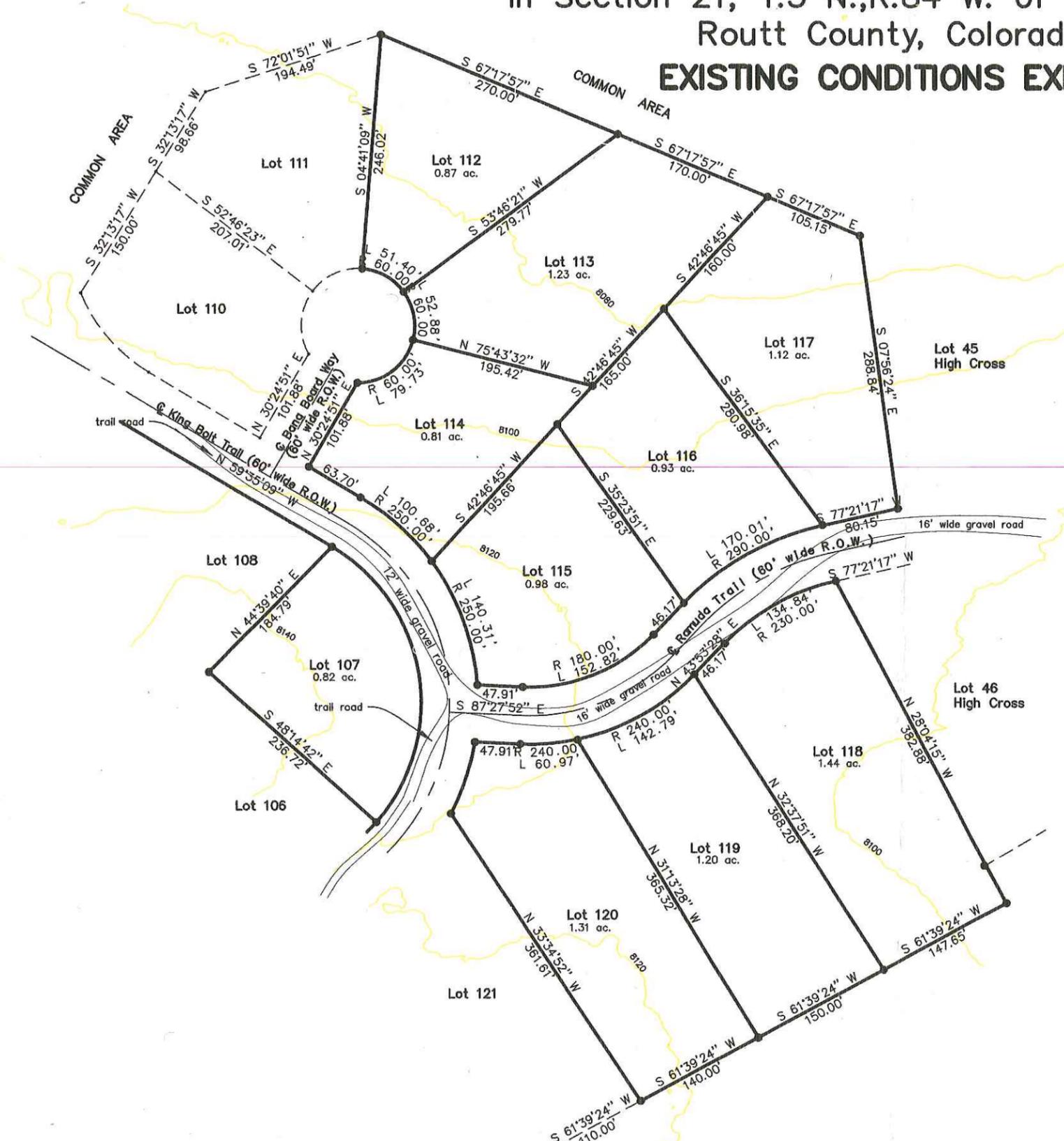


LEGEND

- Indicates a #4 rebar with plastic cap marked NHPQ RLS 2682 accepted and found to be consistent with the boundary of Overland at Stagecoach and other surveys in the area.
- S 60°36'45" W 123.45' Indicates platted bearings and ground distances in feet.
- Contour interval = 2'
NAVD88, Geoid 12A.
- There are no areas with existing grades over 30%.
All of the subject lots are vacant.

EASEMENTS

- All Lot Lines Subject to 10' wide utility and drainage easements.
- All Side Lot Lines Subject to 10' wide trail easements.
- All Rear Lot Lines Subject to 20' wide trail easements.

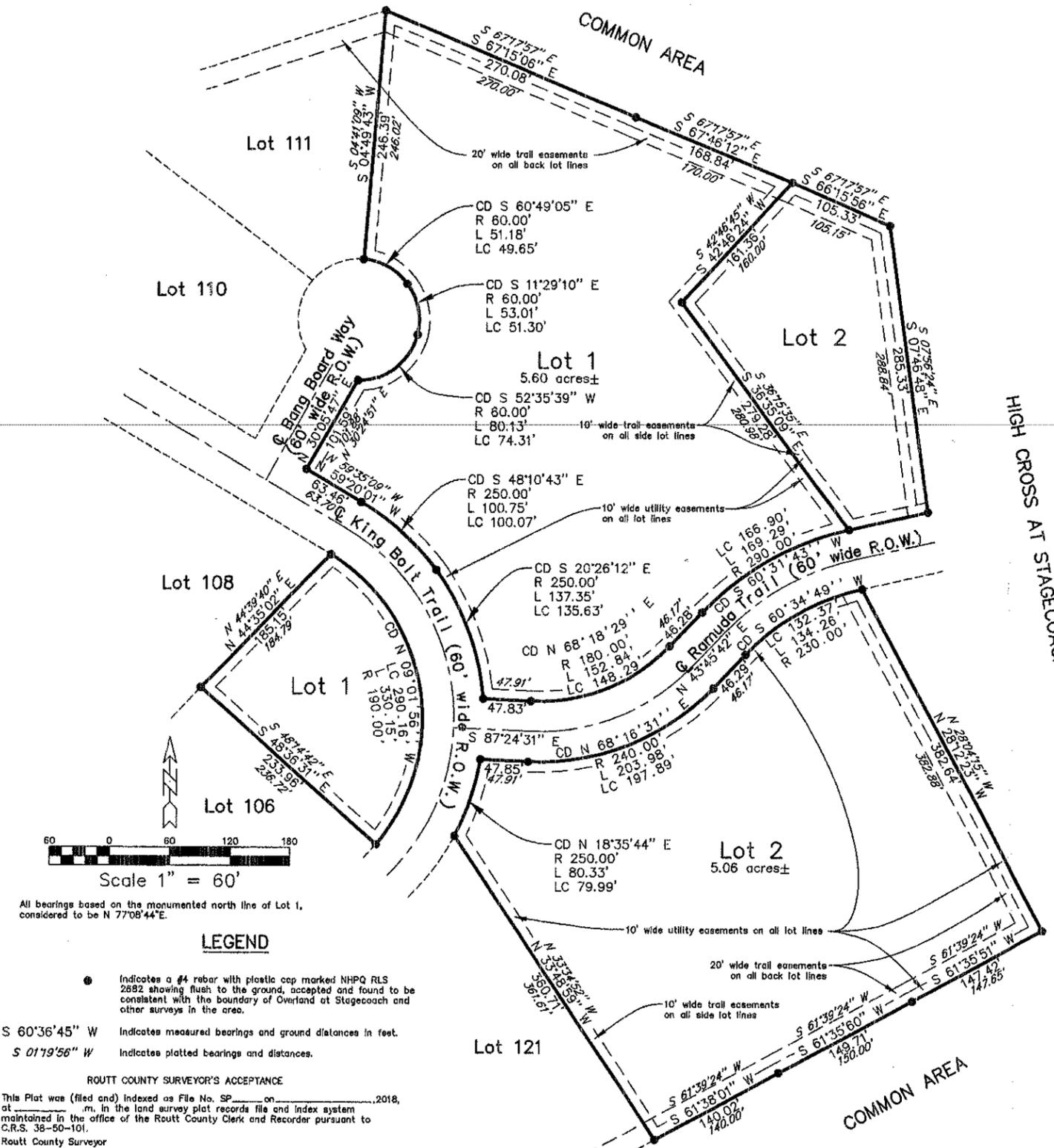


NOTICE: ACCORDING TO COLORADO LAW, YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT, MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE OF THE CERTIFICATION SHOWN HEREON.

E&F Associates	
<small>P.O. Box 771865 Steamboat Springs, CO 80477 Surveyors</small>	
EXISTING CONDITIONS EXHIBIT	
Overland, Calistro Consolidation	
<small>Client: Larry Calistro</small>	
<small>Drawing name: EXCOND</small>	
<small>Drawn by: TE Date: 5-31-18 Revised: 6-1-18</small>	
1/1	

Overland at Stagecoach, Calistro Consolidation

A Consolidation of Lots 107 and Lots 112 thru 120, Overland at Stagecoach, in Section 21, T.3 N., R.84 W. of the 6th P.M., Routt County, Colorado.



All bearings based on the monumented north line of Lot 1, considered to be N 77°08'44"E.

LEGEND

- Indicates a #4 rebar with plastic cap marked NHPQ RLS 2882 showing flush to the ground, accepted and found to be consistent with the boundary of Overland at Stagecoach and other surveys in the area.
- S 60°36'45" W Indicates measured bearings and ground distances in feet.
- S 01°19'56" W Indicates plotted bearings and distances.

ROUTT COUNTY SURVEYOR'S ACCEPTANCE
 This Plat was (filed and) indexed as File No. SP _____ on _____, 2018, at _____, in the land survey plat records file and index system maintained in the office of the Routt County Clerk and Recorder pursuant to C.R.S. 38-50-101.
 Routt County Surveyor

PC 8/2/18
 Thomas H. Effinger Jr. LS 17651

CERTIFICATE OF OWNERSHIP AND DEDICATION

BE IT HEREBY MADE KNOWN: That Stephen Scott Donaldson and Larry Calistro, being the owners of the land described as follows: Lots 107, 112, 113, 114, 115, 116, 117, 118, 119 and 120, Overland at Stagecoach containing 10.66 acres in Routt County, Colorado, under the name and style of OVERLAND AT STAGECOACH, CALISTRO CONSOLIDATION, have laid out, platted and subdivided same as shown on this plat and pursuant to all accompanying documents referenced herein, and do hereby irrevocably dedicate to and for the perpetual use of the public by and through the County of Routt, State of Colorado, road, utility and drainage easements, etc. as shown or noted herein, and also does hereby irrevocably dedicate to and for the perpetual use of the public those portions of land labeled as easements for the installation and maintenance of public utilities and drainage, etc., as shown herein.

In witness whereof, the said Stephen Scott Donaldson and Larry Calistro have caused their names to be hereunto subscribed this _____ day of _____, 2018.

By: _____
 Stephen Scott Donaldson
 By: _____
 Larry Calistro
 State of _____ }
 County of _____ }

The foregoing Certificate of Ownership and Dedication was acknowledged before me this _____ day of _____, 2018, by Stephen Scott Donaldson and Larry Calistro

Witness my hand and official seal.
 My Commission expires: _____
 Notary Public

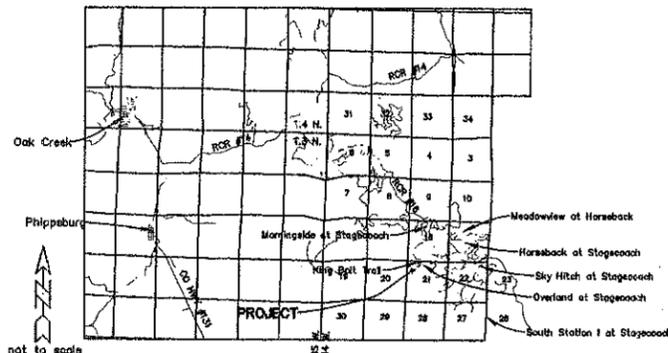
PLAT NOTES

- Routt County is not responsible for maintaining or improving subdivision roads. The roads shown herein have not been dedicated nor accepted by the County.
- The suitability of these lots for an individual septic disposal system and the availability of permits for individual septic disposal systems have not been established and such shall be a condition of obtaining a building permit for these lots.
- Existing and new accesses shall meet access standards set forth by the Routt County Road and Bridge Department and Fire Prevention Services.
- The availability of water and permits for wells on the lots or parcels hereon shown has not been established.
- Existing and new accesses shall meet access standards set forth by the Routt County Road and Bridge Department and Fire Prevention Services.
- The availability of water and permits for wells on the lots or parcels hereon shown has not been established.
- Existing and new accesses shall meet access standards set forth by the Routt County Road and Bridge Department and Fire Prevention Services.
- The availability of water and permits for wells on the lots or parcels hereon shown has not been established.
- Existing and new accesses shall meet access standards set forth by the Routt County Road and Bridge Department and Fire Prevention Services.
- The availability of water and permits for wells on the lots or parcels hereon shown has not been established.

ROUTT COUNTY CLERK AND RECORDERS ACCEPTANCE

This plat was accepted for filing in the office of the Clerk and Recorder of Routt County, Colorado, on this _____ day of _____, 2018.
 Reception No. _____ Time _____
 File No. _____
 Kim Borner
 Routt County Clerk and Recorder

VICINITY MAP



LAND SURVEYOR'S CERTIFICATE

I, Thomas H. Effinger Jr., being a Registered Land Surveyor in the State of Colorado, do hereby certify that this plat and survey of OVERLAND AT STAGECOACH, CALISTRO CONSOLIDATION was made by me or under my direct responsibility, supervision, and checking, and further state that said plat and survey are accurate to the best of my knowledge. Survey pins, markers, and/or monuments were set as required and shown herein.

Dated this _____ day of _____, AD, 2018.

Thomas H. Effinger Jr.
 Colorado Professional Land Surveyor
 Colorado Reg. No. 17651

PLANNING COMMISSION APPROVAL

The Planning Commission of Routt County, Colorado did hereby authorize and approve this plat of the above subdivision at the meeting of said Commission held on this _____ day of _____, AD, 20____.

Steve Wornke
 Chairman, Routt County Planning Commission

BOARD OF COUNTY COMMISSIONERS APPROVAL

This Plat has been reviewed and is hereby approved for filing by Routt County pursuant to Section 2.5 of the Routt County Subdivision Regulations. Routt County hereby accepts the utility and drainage easements as shown on this Plat. The maintenance of any road, right-of-way, or easement shown on this Plat is subject to the discretion of the Board of County Commissioners and the Board, by the approval of this Plat, makes no commitment, either express or implied regarding any level of service or maintenance of such road, right-of-way, or easement as dedicated and accepted herein.

Dated this _____ day of _____, 2018.

Douglas B. Menger
 Chair, BOARD OF COUNTY COMMISSIONERS
 ROUTT COUNTY, COLORADO

Attest: _____
 Kim Borner, Routt County Clerk

ATTORNEY'S CERTIFICATE

I, _____, being an Attorney-at-Law duly licensed to practice before Courts of Record in the State of Colorado, do hereby certify that I have examined the title to all lands herein dedicated and shown upon this plat by review of the Title Commitment No. _____ dated _____ issued by _____ and that title to such lands is in Arline G. Yappoujan, free and clear of all liens, taxes, and encumbrances, except as follows:
 1. Any facts, rights, interests, or claims which are not shown by the Public Records but which could be ascertained by an inspection of said Land or by making inquiry of persons in possession thereof.
 2. Easements or claims of easements, not shown by the Public Records.
 3. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land.
 4. Any lien, or right to a lien for services, labor or material heretofore or hereafter furnished, imposed by law and not shown by the Public Records.
 5. Defects, liens, encumbrances, adverse claims or other matters, if any created, first appearing in the Public Records or attaching subsequent to the effective date hereof, but prior to the date of the proposed insured acquire of record for value the estate or interest or mortgage thereon covered by this Commitment.
 6. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.

Dated this _____ day of _____, AD 2018

(Signature) _____

NOTES

This plat is subject to easements, conditions, covenants, restrictions, reservations and notes on the plat of South Shore at Stagecoach, File No. 7157, Reception Numbers 24035 and 553496.
 All utility and trail easements per the record plat of Overland at Stagecoach not shown on this plat were vacated by resolution recorded at Rec. No. _____ Routt County records.

E&F Associates
 P.O. Box 771965 Steamboat Springs, CO 80477 Surveyors
Overland at Stagecoach, Calistro Consolidation
 Client: Larry Calistro
 Drawing name: COMBINE
 Drawn by: TE Date: 5-31-18 Revised: _____
 1/1

This Land Survey does not constitute a title search by E&F Associates to determine ownership or easements of record. For all information regarding easements, rights-of-way or title of record, E&F Associates relied upon the Commitment No. _____

NOTICE: ACCORDING TO COLORADO LAW, YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT, MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE OF THE CERTIFICATION SHOWN HEREON.

Mailed from the desk of:
Stephen Donaldson
8/24/2020

Dear Commissioners of Routt County, Colorado,

In regard to the consolidation proposed for Overland at Stagecoach by myself, Stephen Donaldson, this letter seeks to extend the deadline to file the plat which expires Friday, August 28. The final plat has been submitted to planning, and is being scrutinized for the last time. I have recently realized that the review and likely revisions to the plat will not be completed by then. Therefore, to allow sufficient time to prepare all documents, I formally request that the Routt County Commissioners extend the deadline by six months.

Thank you for your help,
Steve.

ROUTT COUNTY BOARD OF COUNTY COMMISSIONERS

AGENDA COMMUNICATION FORM

ITEM DATE:, 2020	ITEM TIME:
-------------------------	-------------------

FROM:	Kevin Booth
TODAY'S DATE:	August 22, 2020
AGENDA TITLE:	YVRA Monthly Reports Follow-up and Discussion Topics

CHECK ONE THAT APPLIES TO YOUR ITEM:	
<input type="checkbox"/> ACTION ITEM	
<input type="checkbox"/> DIRECTION	
<input checked="" type="checkbox"/> X INFORMATION	

I. DESCRIBE THE REQUEST OR ISSUE:

The following topics warrant discussion between the BCC, CM and YVRA Director:

- Town of Hayden proposing a 1% sales tax increase on Nov ballot; financial impact on airlines and options to exempt jet fuel sales from this tax increase
- YVRA winter flight season hiring authorization and COVID-19 FTE increase request
- YVRA plan to invest in Global Bio-risk Advisory Council (GBAC) accreditation for YVRA facilities
- AIP-44 punch list completion and Powder River Construction overpayment update
- YVRA solar project planning and design update
- 2020 budget supplemental process; COVID-19/CARES Act summary proposed for YVRA
- CARES Act funding and reimbursement construct/results
- YVRA Triennial Aircraft Emergency Response Exercise Fri 28 Aug 0800-1300

II. RECOMMENDED ACTION:

Provide inputs and guidance/direction on the above topics

III. DESCRIBE FISCAL IMPACTS (VARIATION TO BUDGET):

PROPOSED REVENUE: NA

PROPOSED EXPENDITURE: NA

FUNDING SOURCE: NA

IV. IMPACTS OF A REGIONAL NATURE OR ON OTHER JURISDICTIONS (IDENTIFY ANY COMMUNICATIONS ON THIS ITEM):

None expected

ROUTT COUNTY BOARD OF COUNTY COMMISSIONERS
AGENDA COMMUNICATION FORM

V. BACKGROUND INFORMATION:
See attached: IGA Final from City of Craig; previously approved CARES Act rent abatement proposal; GBAC agreement reviewed/approved by Erick; Phase I Regional Solar Planning results/report that includes the YVRA solar and back-up power project; overview of 28 Aug YVRA Triannual Exercise Plan
VI. LEGAL ISSUES:
None anticipated
VII. CONFLICTS OR ENVIRONMENTAL ISSUES:
None anticipated
VIII. SUMMARY AND OTHER OPTIONS:
NA

GBAC STAR™ Facility Accreditation Program Agreement

NOTE: BY ACCEPTING THIS AGREEMENT YOU ACKNOWLEDGE THAT YOU ARE FULLY AWARE OF AND AGREE TO ALL OF THE FOLLOWING TERMS, CONDITIONS AND PROVISIONS AND YOU ARE ENTERING INTO A LEGALLY BINDING AGREEMENT

This Agreement is made and entered into by You (as defined below) and the International Sanitary Supply Association (“ISSA”), and constitutes a legally binding agreement between You and ISSA. As used in this Agreement, the terms “You”, “Your”, and “Yourself” refer to the individual that holds the legal right and authority to enter into this Agreement and fulfill the obligations herein on behalf of the organization that owns or controls the facilities associated with the Project (defined below) and that is executing this Agreement.

Section 1 The Program

The Program is a performance-based program that sets forth requirements for and places responsibilities upon organizations to demonstrate that they have established appropriate cleaning, disinfection, and infectious disease prevention work practices, protocols, procedures and systems for their facilities that will be registered in the Program. Those who wish to participate in the Program may apply to ISSA for Accreditation of their facilities. Accreditation shall run for a period of one year commencing on the date upon which Accreditation is conferred by ISSA (“Accreditation Period”). Participants must demonstrate that their facility registered in the Program and its operations meet the criteria set forth in the GBAC STAR Accreditation Handbook (“Accreditation Handbook”), which can be found here <https://gbac.issa.com/wp-content/uploads/2020/05/GBAC-STAR-Accreditation-Handbook-2020.pdf>. “Accreditation” refers to ISSA’s determination that a project has satisfied the requirements set forth in the Accreditation Handbook. ISSA administers the Program and confers Accreditation based on the terms and conditions set forth in this Agreement.

Section 2 The Project

2.1 The Project. As used herein, the term Project refers to the facilities that You register in the Program under this Agreement for the purposes of seeking Accreditation.

2.2 Application. Upon the execution of this Agreement, You shall be provided with access to an application, electronic or otherwise, (the “Application”) for the Project for the sole purpose of applying for Accreditation. You shall set forth in the Application the particulars associated with the Project including but not limited to the facilities that will be registered in the Program, and their associated interior and exterior square footage, and other information reasonably requested by ISSA on the Application (“Project Information”). This Agreement shall apply to the Project as set forth in the Application.

2.3 ISSA Review. Upon receipt of Your Application, ISSA will initiate its review and assessment, which includes review of the Application, and all accompanying documentation submitted therewith and its assessment thereof. During a review, ISSA may request additional documentation, resubmission of square footage calculations and any other information or factors that ISSA deems relevant, including, at ISSA's discretion, a site visit to confirm the accuracy of the documentation.

2.4 Accreditation Subject to ISSA Discretion and Judgment. You recognize and acknowledge that the Program, while regulated by specific policies and criteria, also requires discretion and judgment. The decision whether to grant or deny Accreditation to the Project will be made in the discretion of ISSA, acting reasonably, based on ISSA's interpretation of the criteria set forth in the Accreditation Handbook, the sufficiency and accuracy of the submitted Project Information, the results of any necessary on-site visits, and any other information that ISSA deems relevant.

Section 3 Accreditation Handbook

The Accreditation Handbook serves as the Program's relevant accreditation guide, incorporated by reference, which is available for review online here <https://gbac.issa.com/wp-content/uploads/2020/05/GBAC-STAR-Accreditation-Handbook-2020.pdf>. The Accreditation Handbook contains extensive information and instructions related to the Program under which accreditation may be sought including relevant criteria, associated policies, processes and guidelines. You agree to comply at all times during the Term of this Agreement with the applicable criteria and associated policies set forth in the Accreditation Handbook.

Section 4 ISSA Support

ISSA and its GBAC division will provide ongoing support and assistance to You in achieving and maintaining Accreditation under the Program. Such support and assistance from ISSA and its GBAC division shall include but not be limited to the following:

- Professional consultation on implementation of Program
- Access to scientific and medical experts, and advice on cleaning, disinfection, PPE, employee training
- Guidance on proper cleaning and disinfection procedures and equipment appropriate for Your facilities, invitees, and employees
- Ongoing support of Your properties in maintaining Accreditation including support provided in emergency situations
- Monitoring and reporting to You as needed on world-wide risk for infectious disease and appropriate advisories and recommended precautions
- Provide You with updates as appropriate on new chemistry and equipment

Section 5 GBAC Fundamentals Online Course

ISSA shall provide to You access to the GBAC Fundamentals Online Course for an appropriate number of personnel at each participating facility that is part of the Project and which is registered in the Program. For purposes of this Agreement, an “appropriate number of personnel” shall be considered to be:

- For restaurants, one (1) person for every one hundred (100) seats;
- For hotels, one (1) person for every one hundred (100) guest rooms;
- For arenas, sports stadiums, one (1) person for every \$1,000 in fees under this Agreement; and
- For all others, one person for every \$1,000 in fees under this Agreement.

Section 6 Optional Services

In exchange for additional fees to be discussed and agreed upon on a case by case basis, ISSA agrees to provide additional services to You including but not limited to:

- Access to additional GBAC Fundamentals Online Courses
- Personal appearances by key GBAC staff at events, and other appropriate gatherings

Section 7 Fees

7.1 Fees. In consideration for the review of the Project by ISSA and any Optional Services that You request under this Agreement, You agree to pay to ISSA certain fees under this Agreement (“Fees”) in accordance with the fee schedule for the Program that is available for review online at the following webpage: gbac.issa.com/issa-gbac-star-facility-accreditation/

Section 8 Trademarks

8.1 Ownership of Marks. ISSA owns, and or has license to, worldwide, all right, title and interest in and to certain proprietary trademarks, service marks, logos, trade dress, and other graphic images for the purpose of indicating that a particular facility has been granted Accreditation under the Program (collectively, the “Marks”). The Marks constitute valuable intellectual property owned by ISSA and their licensors and are protected by law. You acknowledge and agree that any unauthorized use of the Marks constitutes both intellectual property infringement and a material breach of this Agreement. You acknowledge that ISSA is the owner of all right, title and interest in and to each of the Marks worldwide superior to You, in every jurisdiction pursuant to applicable statutes, common law or otherwise, regardless of whether each Mark has been applied for or registered in each jurisdiction. You acknowledge and agree that You shall not make any claim of, or seek any right to, title or ownership in and to any of the Marks, nor shall You submit any trademark or other intellectual property application

anywhere in the world covering, in whole or in part, any of the Marks or any terms, designs or logos confusingly similar to any of the Marks.

8.2 Grant of License. While a Project is under review, ISSA grants You the limited right to indicate that You are applying for Accreditation of the Project; provided however, that You are prohibited from using the Marks in any manner that indicates or implies (as determined by ISSA in its sole and absolute discretion) that the Project has achieved, or will achieve, Accreditation. In all other regards, You are prohibited from using the Marks in any manner prior to receipt of an award of Accreditation. In the event that a Project is awarded Accreditation, then, subject to the terms and conditions of this Agreement and ISSA's policy of usage for the Marks ("Trademark Usage Policy"), ISSA grants You a non-exclusive, non-sub-licensable, non-transferable, revocable (as set forth below), royalty-free, limited license to use, during the period of time during which the Project's Accreditation remains valid, the Marks for the purposes of indicating that Accreditation has been granted in relation to the Project. For the avoidance of doubt, the license granted herein shall automatically terminate with respect to a Project, without notice, upon (i) the expiration or revocation of the Project's Accreditation, (ii) Your misuse of trademark in violation of the Trademark Usage Policy, or (iii) the complete or material demolition or renovation of the Project.

8.3 Trademark Usage Policy. In connection with all use of the Marks as set forth herein, You agree to use the Marks in accordance with all applicable laws, rules and regulations, and You will comply at all times with the Trademark Usage Policy, and as may be updated from time to time. You will be provided with both the Marks and the Trademark Usage Policy upon Accreditation being awarded.

8.4 All Rights Reserved. All rights not expressly granted herein are reserved by ISSA, and no license is granted hereunder for the use of any of the Marks for any purpose beyond the uses set forth in this Section 8, or to any other intellectual property of ISSA or its licensors. You agree not to contest the validity of any of the Marks and not to voluntarily become a party to any litigation in which others contest the validity of any of the Marks.

8.5 Injunctive Relief. You acknowledge that the Marks and the goodwill associated therewith possess special, unique and extraordinary characteristics, which make difficult the assessment of monetary damages that ISSA would sustain as a result of Your unauthorized use of the Marks. You recognize that ISSA would suffer irreparable injury by such unauthorized use and agree that injunctive and other equitable relief is appropriate in the event of a material breach by You of any of the terms of this Section 8. Such remedy shall not be exclusive of any other remedies available to ISSA.

Section 9 Term and Termination

9.1 Term and Termination. The term of this Agreement begins on the Effective Date, and shall continue in effect unless terminated as follows:

a) You or ISSA may terminate this Agreement in whole or in part at any time upon sixty (60) days written notice.

b) This Agreement shall terminate in full, if You materially breaches Your obligations under this Agreement including Your failure to make Fee payments due and as agreed under this Agreement, and You fail to cure such breach within sixty (60) days from the date of notice of material breach provided to You by ISSA. Such breach of obligations shall include, without limitation, Your failure to pay any Fees invoiced, Your misuse of any Marks or other intellectual property held by ISSA or its affiliates, and any misstatement, whether intentionally or unintentionally made, in the Project information that You submit in connection with the Program.

c) This Agreement will automatically terminate in full if ISSA delivers notice to You that the Project has failed to achieve Accreditation, and You (i) indicate by written notice its acceptance of such written notice of this determination, or (ii) have exhausted all opportunities to appeal this determination. ISSA shall make the determination regarding Accreditation the first time the Project is registered and at a minimum once per year at the end of the Accreditation Period during the Term of this Agreement.

d) This Agreement will automatically terminate in full to the extent You sell, transfer, assign any right or delegate any responsibilities under this Agreement, or otherwise dispose of all or substantially all of Your interest in the Project, unless the recipient of such interest agrees to assume the Your obligations as a Party to this Agreement and ISSA consents to such assignment and assumption.

e) This Agreement will automatically terminate in full upon: i) the complete or material demolition or renovation of the Project; ii) Your failure or unwillingness to comply with any applicable conditions of Accreditation; or iii) the revocation or expiration of Accreditation for the Project as set forth in the Accreditation Handbook.

9.2 Obligations and Rights Upon Termination. Upon termination of this Agreement pursuant to Section 9.1 above:

a) Your access to the Application(s) for the Project and the Project registered under this Agreement will be revoked by ISSA, and ISSA may, in its reasonable discretion, delete or destroy any such Application(s), associated form(s), and related information.

b) All of Your rights to use the Marks pursuant to the license granted under Section 8, will terminate and You must immediately discontinue all use and display of the Marks.

c) All Fees owed by You as of the effective date of such termination must be paid in full within thirty (30) days of the effective date of such termination. There shall be no refund of any fees paid or owed under this Agreement.

e) Upon the expiration or earlier termination of this Agreement, both Parties agree that they shall not seek or be entitled to any remuneration, fees, costs, damages or any other

relief (legal or equitable) or compensation whatsoever, except as set forth in this Section 9.2.

9.3 Surviving Provisions. It is expressly understood and agreed that the Parties' respective obligations under this Agreement in Sections 8 through and including 13 shall survive any termination of this Agreement.

Section 10 Representations and Warranties

10.1 Representations and Warranties of Each Party. Each Party hereby warrants and represents that:

- a) It has the power and authority and the legal right to enter into this Agreement and to grant the rights and perform the obligations set forth herein.
- b) It has taken all necessary action required to authorize the execution and delivery of this Agreement and the performance of its obligations hereunder.
- c) No rights granted by one Party to the other pursuant to this Agreement are in violation of any other agreement.

10.2 Representations and Warranties of You. You represent and warrant that:

- a) You have the right to provide all Project Information provided to ISSA by You or on Your behalf, to grant the licenses to ISSA and ISSA's subcontractors and affiliates as purported to be granted pursuant to this Agreement and to otherwise grant the rights granted under this Agreement.
- b) The Project Information, as well as any information contained in Your Application or any other documents You submit to ISSA, is and will be to the best of Your knowledge true, correct and complete, and accurate in all respects, and does not and will not infringe upon or misappropriate the intellectual property rights of any third party.

Section 11 Indemnification

11.1 Your Indemnification of ISSA. You agree to indemnify, defend and hold harmless ISSA and its officers, directors, employees, agents, representatives, affiliates, contractors, subsidiaries and independent contractors (collectively, the "ISSA Indemnitees") from and against all claims, actions, suits, losses, costs, liabilities, judgments, damages and expenses, including reasonable attorneys' fees, court costs, litigation expenses and related expenses (collectively, "Claims") arising out of or relating to (i) Your material breach of any of the representations, warranties or obligations set forth herein; (ii) any incompleteness or inaccuracy of the Project Information caused by You or any person or persons under Your direction and control; (iii) Your use of the Marks other than as set forth in Section 8; (iv) Your use of, and/or reliance upon, the

Accreditation awarded under this Agreement; and/or (v) Your intentional acts and negligence with regard to the Project; all of the foregoing applies only to the extent that such Claims are due or claimed to be due to the acts or omissions of You or any person or persons under Your direction and control.

11.2 ISSA's Indemnification of You. ISSA agrees to indemnify, defend and hold harmless You and Your respective officers, directors, employees, agents, representatives, affiliates, subcontractors, subsidiaries and independent contractors (collectively, "Your Indemnitees") from and against all claims, actions, suits, losses, costs, liabilities, judgments, damages and expenses, including reasonable attorneys' fees, court costs, litigation expenses and related expenses (collectively, "Claims") arising out of or relating to (i) ISSA's material breach of any of the representations, warranties or obligations set forth herein.

Section 12 Disclaimer of Warranties

12.1 Except as expressly set forth in this Agreement, the Parties acknowledge and agree that the Program is provided as-is, that You assume all risks and liabilities arising from or relating to its use of and reliance upon the Program, and ISSA makes no representation or warranty with respect thereto. EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, ISSA HEREBY EXPRESSLY DISCLAIMS ALL REPRESENTATIONS AND WARRANTIES REGARDING THE PROGRAM, WHETHER EXPRESS OR IMPLIED, INCLUDING ANY REPRESENTATION OR WARRANTY IN REGARD TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE PROGRAM OR ANY OPTIONAL SERVICES PROVIDED UNDER THIS AGREEMENT. ISSA explicitly disclaims any and all liability arising from Your use of the Program, Accreditation Handbook, any guidance provided or offered under the Program, and any application or form for any purpose other than for the pursuit of Accreditation from ISSA under the Program.

12.2 All determinations related to a project's Accreditation under the Program, are in the sole and absolute discretion of ISSA and in no event shall ISSA have any liability as a result of any decision to grant or not to grant Accreditation to Your Project (or any portion of a project) for any reason.

12.3 Without limiting the scope of this Section 12, You agree and acknowledge that:

- a) A grant of accreditation is not a representation, and does not mean that Your Project (or any individual building, or interior or outside space(s) thereof comprising a project) is free of mold or mildew, or free of bacteria, viruses, pathogens, allergens, or toxins;
- b) Any grant of accreditation does not in any way guarantee, certify, warrant or imply that such Project will make occupants healthy or healthier; and
- c) Any grant of accreditation does not mean that ISSA endorses, verifies or agrees with any Project Information that has been provided or represented to ISSA.

Section 13 Limitation of Liability

13.1 ISSA Indemnitees. Except as otherwise required by law, in no event shall any of the ISSA Indemnitees be liable to You or any third party, with respect to any and all claims, rights, claims for indemnification or otherwise, for any direct, special, indirect, incidental, punitive, or consequential damages, including damages or costs due to loss of profits, tax credits, economic benefits, data, loss of goodwill, or personal or other property damage regarding this Agreement or resulting from or in connection with the performance of this Agreement by any ISSA Indemnitee or in connection with any program, any optional service, any published requirements, any accreditation handbook, or any application or form, regardless of the cause of action or the theory of liability, whether in tort, contract, or otherwise, even if such Party has been notified of the likelihood of such damages occurring.

13.2 Your Indemnitees. Except as otherwise required by law, in no event shall You or any of Your Indemnities be liable to ISSA or any third party, with respect to any and all claims, rights, claims for indemnification or otherwise, for any direct, special, indirect, incidental, punitive, or consequential damage regarding this Agreement or resulting from or in connection with the performance of this Agreement by You or any of Your Indemnitees.

Section 14 Force Majeure

Neither Party shall be liable to the other Party for inadequate or non-performance to the extent caused by any Force Majeure Event, which wholly or partially prevents or delays the performance of any of the duties, responsibilities or obligations of such party. As used herein, the term "Force Majeure Event" shall mean any act, event or condition (except, in each case, for the payment of money) which is beyond the reasonable control of a party, including, but not limited to, an act of God; an act of the public enemy; civil disturbance or unrest; injunctions; lightning; fire, explosion or other serious casualty; water damage; terrorist attack (or threats thereof); epidemics; strike, lock-out or labor dispute; accident or sabotage; unusually severe weather (including hurricane, earthquake, tornado, landslide or flood); war (whether declared or not) or threats thereof; blockades; or embargoes.

Section 15 General Provisions

15.1 Confidentiality.

a) ISSA shall receive, develop and hold Confidential Information in the strictest confidence, as a fiduciary, and shall preserve the confidentiality of such Confidential Information with at least the same degree of care that it uses to protect its own most confidential business information. ISSA shall secure and safeguard the Confidential Information from disclosure or theft. Without limiting the foregoing, ISSA shall not sell, transfer, publish, disclose, display or otherwise make available to outsiders, or use for its own benefit outside its relationship with You, all or any part of the Confidential

Information without the prior written consent of You, which may be withheld in Your sole discretion. Disclosures of Confidential Information between ISSA's personnel shall be limited to employees with a need to know same and made solely as necessary to enable them to render Services. "**Confidential Information**" shall include, but not be limited to, information concerning Your business or business plans (including information regarding Your vendors and subcontractors), information that You maintain for Your internal business purposes, including, but not limited to, information regarding Your customers, vendors and employees, and any other information which ISSA is informed or reasonably ought to know that You regard as confidential.

b) Confidential Information shall not include information that: (i) is or becomes generally known or available to the public at large other than as a result of a breach by ISSA of its obligations hereunder; (ii) was known to ISSA free of any obligation of confidence prior to disclosure by You; (iii) is disclosed to ISSA on a non-confidential basis by a third party who did not owe an obligation of confidence to You; or (iv) is developed by ISSA independently of and without reference to any part of the Confidential Information. ISSA shall be permitted to disclose Confidential Information to the extent required by law, legal process and/or regulatory requirements including, but not limited to, compliance with a court order or subpoena, pursuant to the request of a governmental agency having jurisdiction over the parties hereto or their affiliates, or to the extent required to be disclosed by any applicable regulations by a party as a publicly traded company (provided that ISSA shall, to the extent not prohibited by law, provide prior written notice of any such disclosure to You so that You may, at Your sole cost and expense, seek injunctive relief or such protections as You may deem appropriate).

15.2 Remedies. Except as otherwise expressly provided in this Agreement, all remedies shall be cumulative and in addition to and not in lieu of any other remedies available to either party at law, in equity, or otherwise.

15.3 Relationship of the Parties. The relationship between the Parties to this Agreement is that of independent contractors with respect to the benefits described herein. This Agreement is not intended to, and does not, create any partnership, joint venture, employment, or agency relationship between the Parties. Each Party agrees that it will not hold itself out as, an agent, affiliate, legal representative, joint-venture, partner, employee or servant of the other Party for any purpose whatsoever.

15.4 Entire Agreement. This Agreement, and any accompanying appendices, duplicates, or copies, constitutes the entire agreement between the Parties with respect to the subject matter of this Agreement, and supersedes all prior negotiations, agreements, representations, and understandings of any kind, whether written or oral, between the Parties, preceding the date of this Agreement.

15.5 Amendments. This Agreement may be amended only by written agreement duly executed by an authorized representative of each Party.

15.6 Severability. In the event any portion of this Agreement or any amendments or addenda hereto shall be held illegal, void, or ineffective, the remaining portions hereof shall remain in full force and effect. If any of the terms or conditions of this Agreement is in conflict with any applicable statute or rule of law, then such terms shall be deemed inoperative to the extent that they may conflict therewith and shall be deemed to be modified to conform to such statute or rule of law.

15.7 Governing Law/Jurisdiction. This Agreement shall be construed in accordance with Illinois law without regard to the conflict of laws, rules or principles thereof. Each Party hereby consents to the exclusive jurisdiction and venue of the Illinois State and federal courts.

15.8 Headings. The headings contained in this Agreement are for convenience of reference only and shall not affect or alter the meaning or effect of any provision hereof.

Section 16 Execution

By selecting the button below marked “I AGREE”, You hereby agree to the terms, conditions and provisions represented in this Agreement. You acknowledge that You have read and understood this Agreement and all referenced materials whether by url or otherwise set forth in this Agreement, including the Accreditation Handbook and Fees, and that You have been provided the opportunity to maintain a record of this Agreement and all referenced materials. Further, You understand that by agreeing to these terms You will be bound to a legally enforceable contract no different than a contract expressed on paper and physically signed by You. To the extent You accept this Agreement as described herein, ISSA shall maintain an electronic record of this Agreement which You may request to review and download at any time.



Regional Solar Planning: Phase 1 Results

June 8, 2020



Meeting Agenda

- Phase 1 Review
 - YVEA Updates
 - Storage
- EPC 101 and DOLA Review
 - Financial Criteria and Funding Options
 - City of Durango Case Study
- Next Steps and Proposed Schedule
- Individual Partner Results Sessions
 - Site Reviews/Results and Verify Partner Priorities
 - Review of Financial Site Criteria

Meeting Purpose

- Update the Planning Project Stakeholders on the Phase 1 results
- Solicit feedback and additional ideas from you and your teams
- Decide which sites are best suited to move into Phase 2

This project can impact over 39,000 residents. We need your feedback to best serve your community!



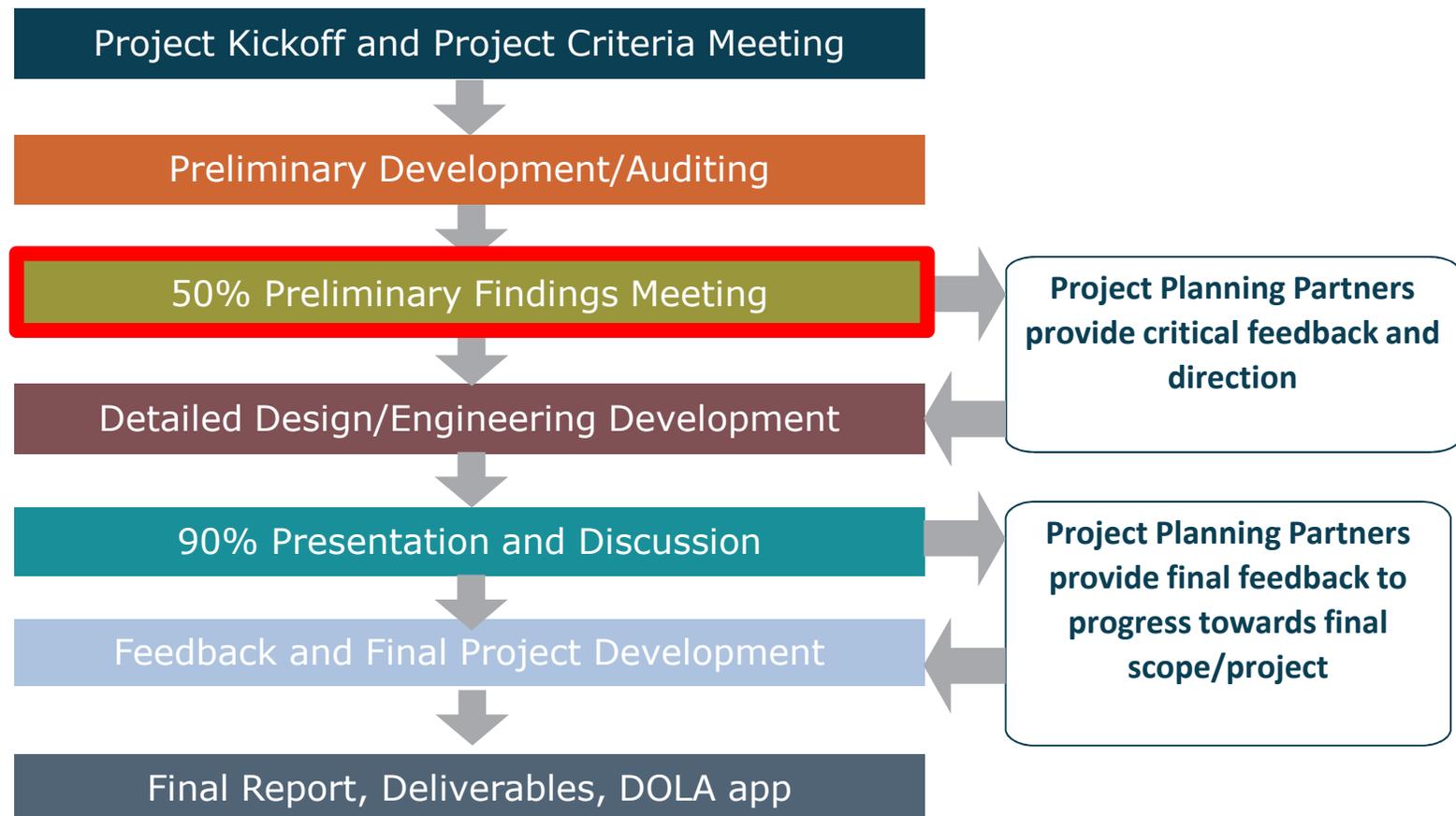
Project Goals

Goals:

1. Increase on-site energy generation
2. Minimize reliance on local utility
3. Reduce utility costs
4. Improve resiliency of sites



Process Overview



Regional Solar Planning – Review of Project Sites/Goals

Stakeholder	Site Name	Install Type	Client's Stated Goals	
			Operational Savings (net metering + peak shaving)	Resiliency
City of Craig	Craig Wastewater Treatment Plant	Ground	x	x
City of Craig	Craig Water Treatment Plant	Ground	x	x
City of Steamboat Springs	Steamboat Transit Ops Center	Rooftop	x	x
City of Steamboat Springs	Steamboat Wastewater Treatment Plant	Ground	x	x
Moffat County	Memorial Regional Health Hospital	Rooftop	x	
Moffat County	Moffat County Safety Center	Ground	x	
Moffat County SD	Moffat County High School	Ground	x	
Mt. Werner Water	Mr. Werner Water Treatment Plant	Rooftop	x	x
Town of Hayden	Hayden Police Station	Rooftop	x	x
Town of Hayden	Hayden SD Redevelopment	Rooftop	x	x
Town of Hayden	Hayden Wastewater Treatment Plant	Ground	x	x
Town of Oak Creek	Oak Creek Town Hall	Rooftop	x	
Town of Yampa	Old Town Hall	Rooftop	x	x
Town of Yampa	Yampa Sewer Treatment Plant	Ground	x	x
Yampa Valley Regional Airport	Yampa Valley Regional Airport	Ground	x	x

Utility Updates



The Role of the Utility

- Net Metering Policy
 - Best path forward = Staying within net metering cap
 - 150kW AC per meter
 - Some sites have multiple meters
 - Exceeding cap degrades economics
- Distributed Generation Cap
 - Net metered projects not impacted
- Interconnection
 - Limited risk to project



Battery Energy Storage

Overview

As part of the Phase I assessment McKinstry analyzed both the technical feasibility and financial returns of integrating a Battery Energy Storage (BES) system into the solar projects.

The primary purposes and values of a BES systems are:

- Reduce a facility's peak demand during a billing cycle, which reduces utility charges.
- Energy arbitrage: leverage Time of Use rates by charging during periods of cheap energy, then dispatching when the rate is much higher.
- Provide value to the grid and receive capacity payments from the utility.



Battery Energy Storage

Summary of Findings

McKinstry ran more than 30 scenarios at different sites with several BES system sizes. From a technical standpoint, BES systems are feasible at these sites.

However, BES systems in YVEA territory do not improve project economics for the following reasons:

- YVEA's demand charges are very low - \$2.50 per kW on the Large GS rate and the savings potential is limited.
- YVEA does not have Time of Use rates.
- Due to YVEA's agreements and billing structure with Xcel Energy, YVEA cannot pass any savings on to the stakeholder for a dispatchable BES system.

Due to the negative financial impact of the deploying storage, McKinstry does NOT recommend pursuing this technology.

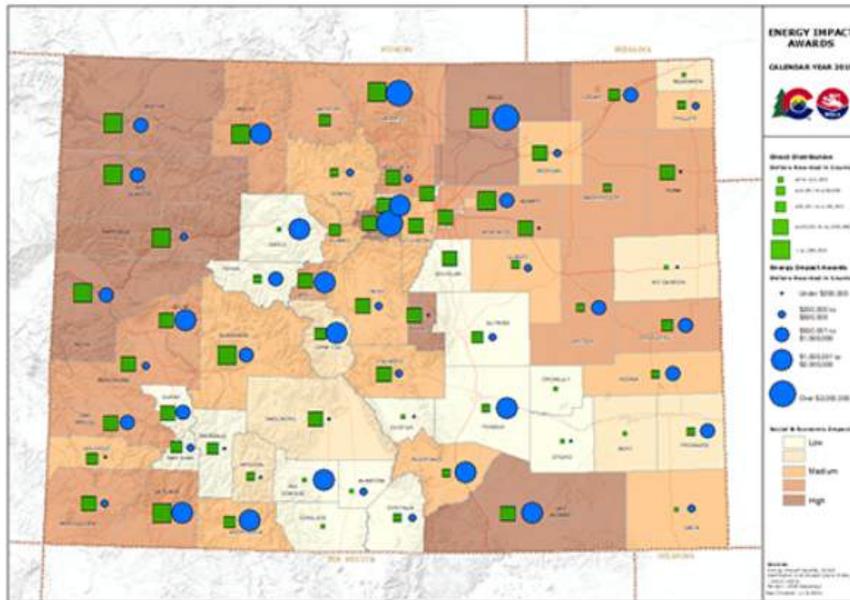


Funding Strategies for Your Project



Department of Local Affairs (DOLA) Grant

Energy Impact Awards Across Colorado



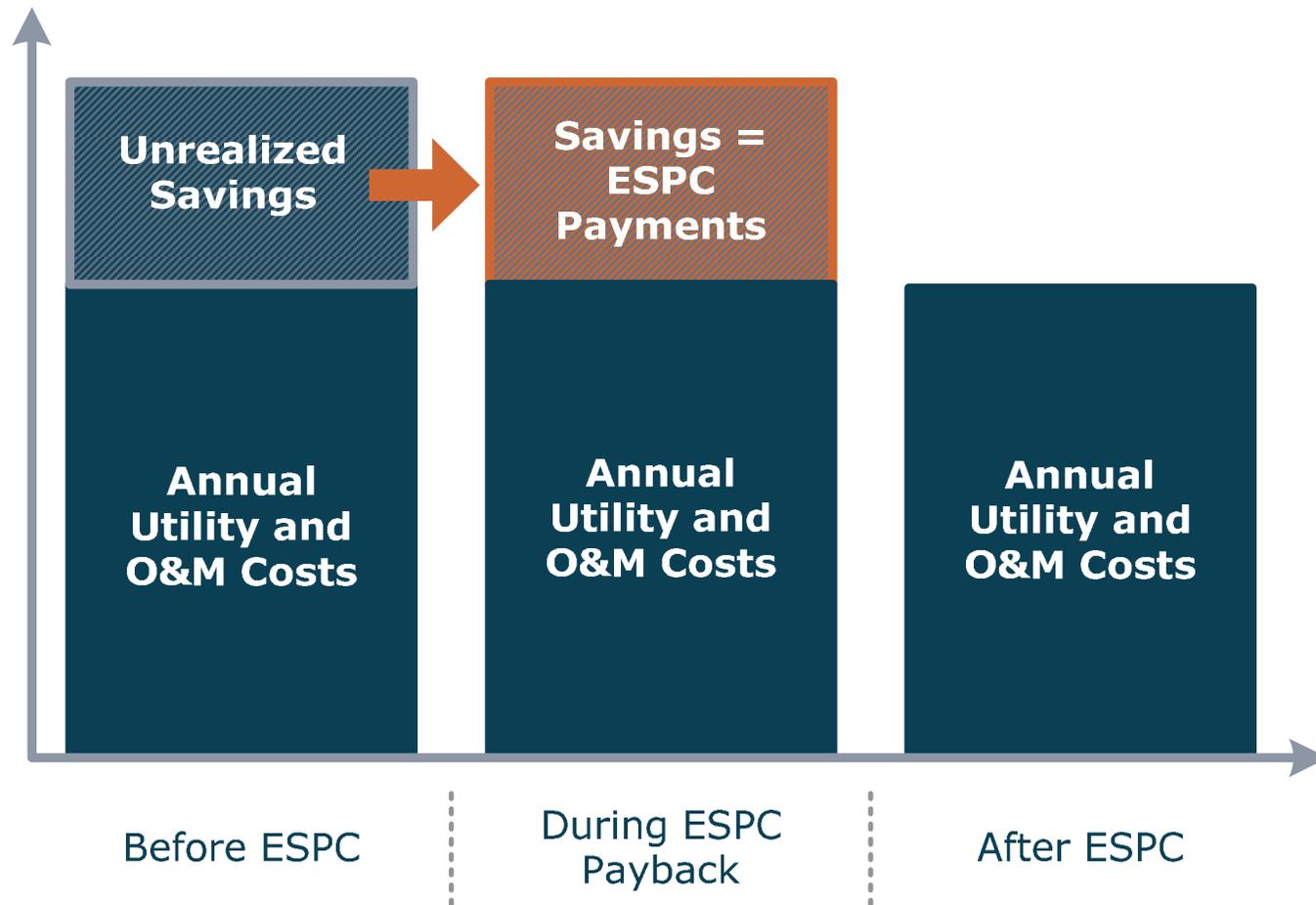
DOLA Grant

- Apps due 8/1 or 12/1
- 50% match requirement
- 12 year payback target
- Up to \$1M (or more) per grant (EIAF)
- Sustainability grant funds remain

Matching Options

- EPC/Tax-exempt lease purchase (TELP)
- COPs
- Bonds
- Capital
- Internal financing
- Grants, rebates, etc
- Combination of the above

Energy Performance Contracting as a Match



Energy Performance Contracting Process



COLORADO
Energy Office

CEO_EPC@state.co.us

MEASUREMENT & VERIFICATION ✓

- ENERGY PERFORMANCE CONTRACT
- FINANCING CONTRACT
- CONSTRUCTION

INVESTMENT GRADE AUDIT + PROJECT PROPOSAL CONTRACT

SELECTION OF A PRE-QUALIFIED ESCO

CLIENT COMMITMENT: (1) Build your team, (2) Sign MOU with CEO



Case Study: DOLA Grant for City of Durango

Annual Benefits to Durango

17%
energy savings

19%
electric offset
by solar

13%
water savings

Project Facts

- 15 Buildings
- ~300,000 SF
- \$5.8M contract

Project Scope

- 1.1MW Solar PV
- LED lighting
- HVAC scheduling and optimization
- Behavior engagement program



City of Durango – DOLA Example

Total Project Investment:	\$5,838,000
DOLA Grant Funding:	\$1,000,000
Total Financed Project Cost (EPC):	\$4,838,000
Annual Utility Savings:	\$285,600
Payback with DOLA Grant:	16.1 years
Net Present Value:	\$1.1M

Feedback Requested and Schedule



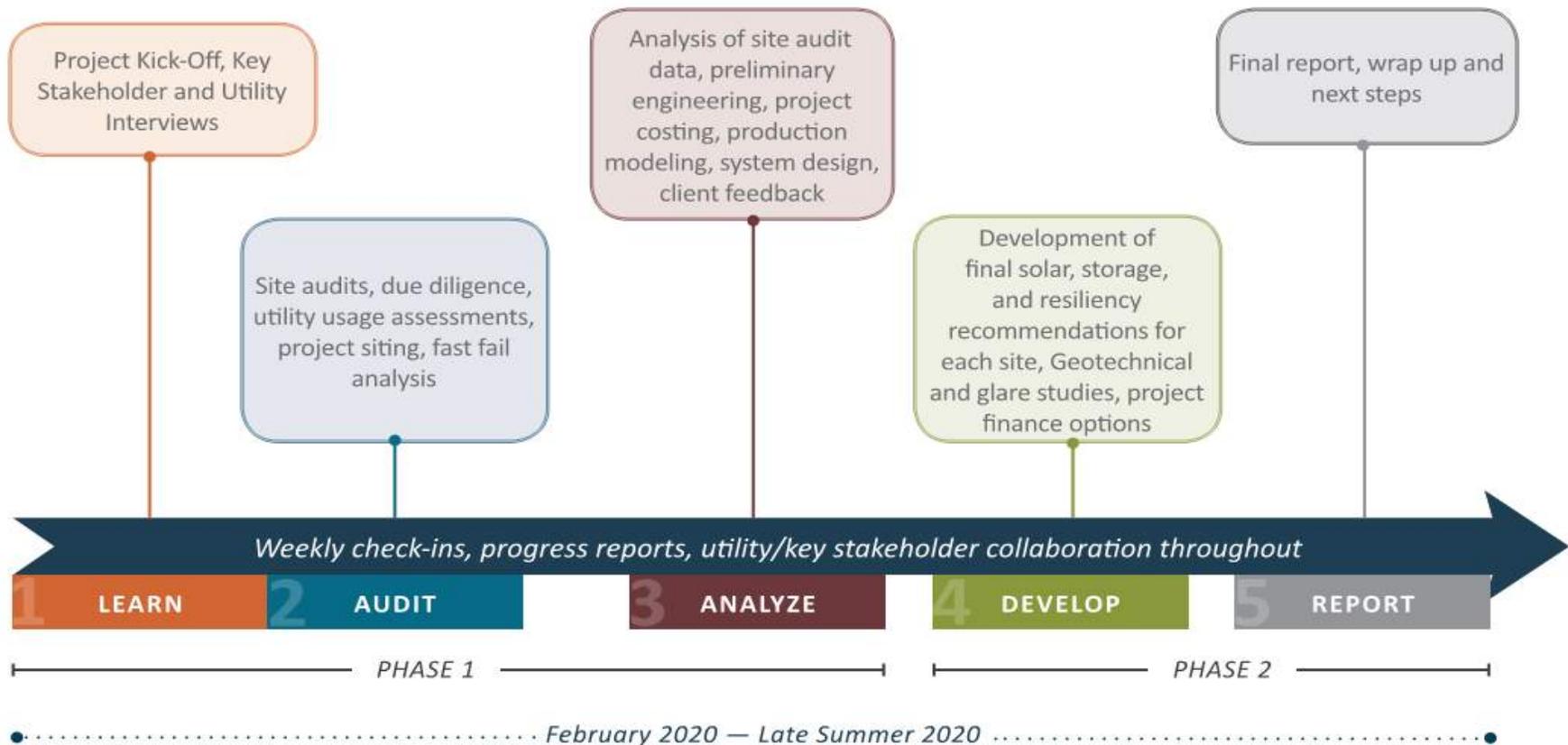
Feedback Requested

- Which sites do you want to move forward with to Phase 2?
- Does the project align with your resiliency goals?
- Does the overall project meet individual stakeholder expectations and is anything missing?

Feedback requested by June 19



Next Steps & Schedule



Next Steps & Schedule

SOLAR AND STORAGE PLANNING - PROJECT SCHEDULE									
Milestone	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	
Project Kickoff									
Award									
Contracting									
Kickoff Meeting									
Phase 1 - Learn, Audit & Analyze									
Stakeholder interviews, receipt/review of information									
Off-Site Feasibility Analysis									
On-Site Energy Audit									
Off-Site Feasibility Analysis									
50% Meeting - Preliminary Project Review									
Approval to Move to Phase 2									
Phase 2 - Develop & Report									
Preliminary Engineering & Design									
Interconnection Due Diligence									
Planning & Zoning*									
Final Cost Estimating									
90% Meeting - Review Final Project Scope									
Revise Project Scope Based on 90% Feedback									
Final Report and Deliverables									
Final Presentation to All Partners									

Individual Results Sessions



City of Steamboat

Project Overview



Project Overview

Partner Name	Project Site Name	System Capacity (kW-DC)	Annual Energy Production (kWh)	Net Energy Offset (%)	PV Application
City of Steamboat Springs	Wastewater Treatment Plant	450 (2 meters)	684,240	~30%	Ground Mount
City of Steamboat Springs	Transit Operations Center	40	53,980	~35%	Ballasted Rooftop

PV Applications - Examples

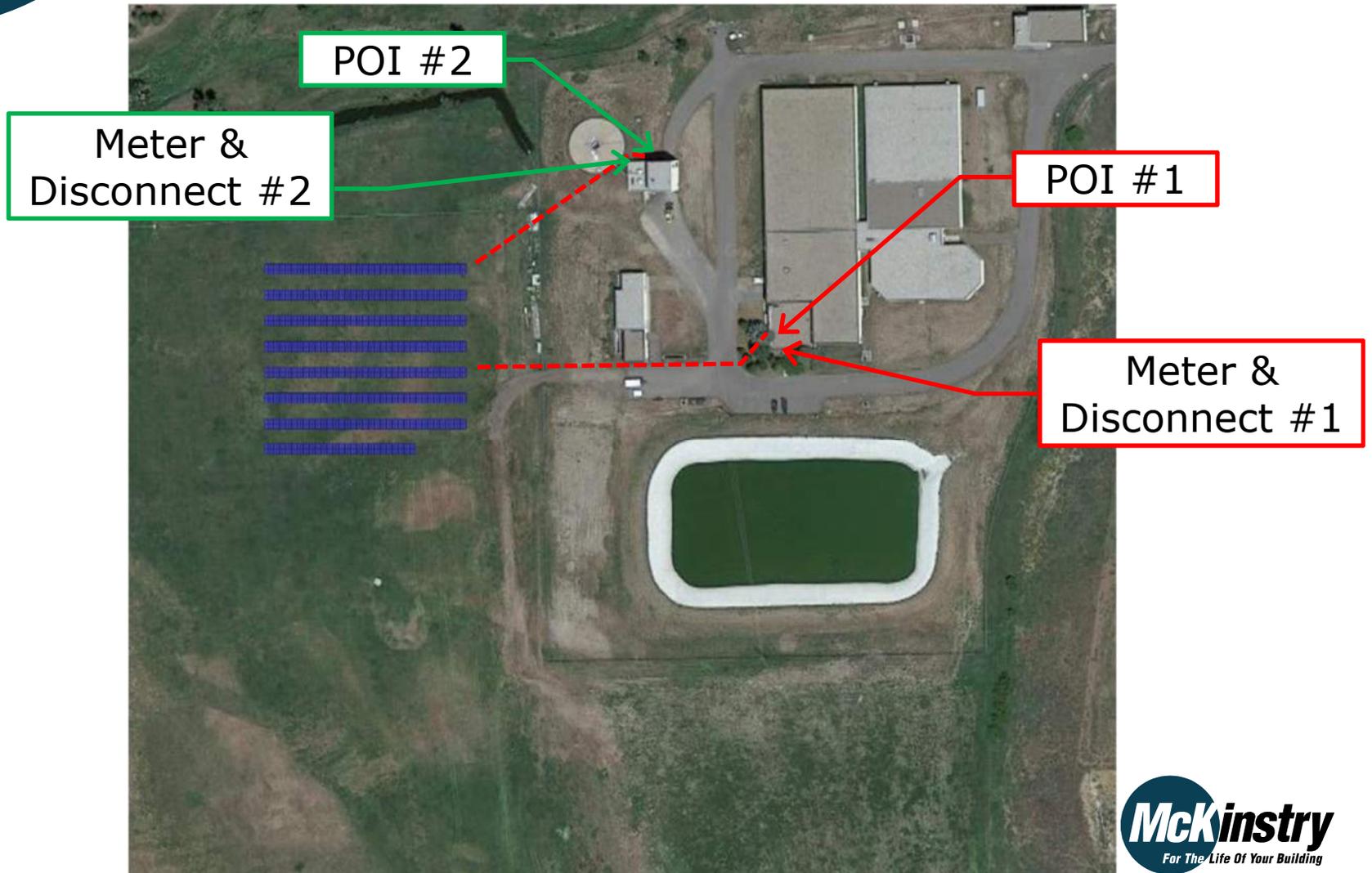
Ground Mount



Ballasted Rooftop



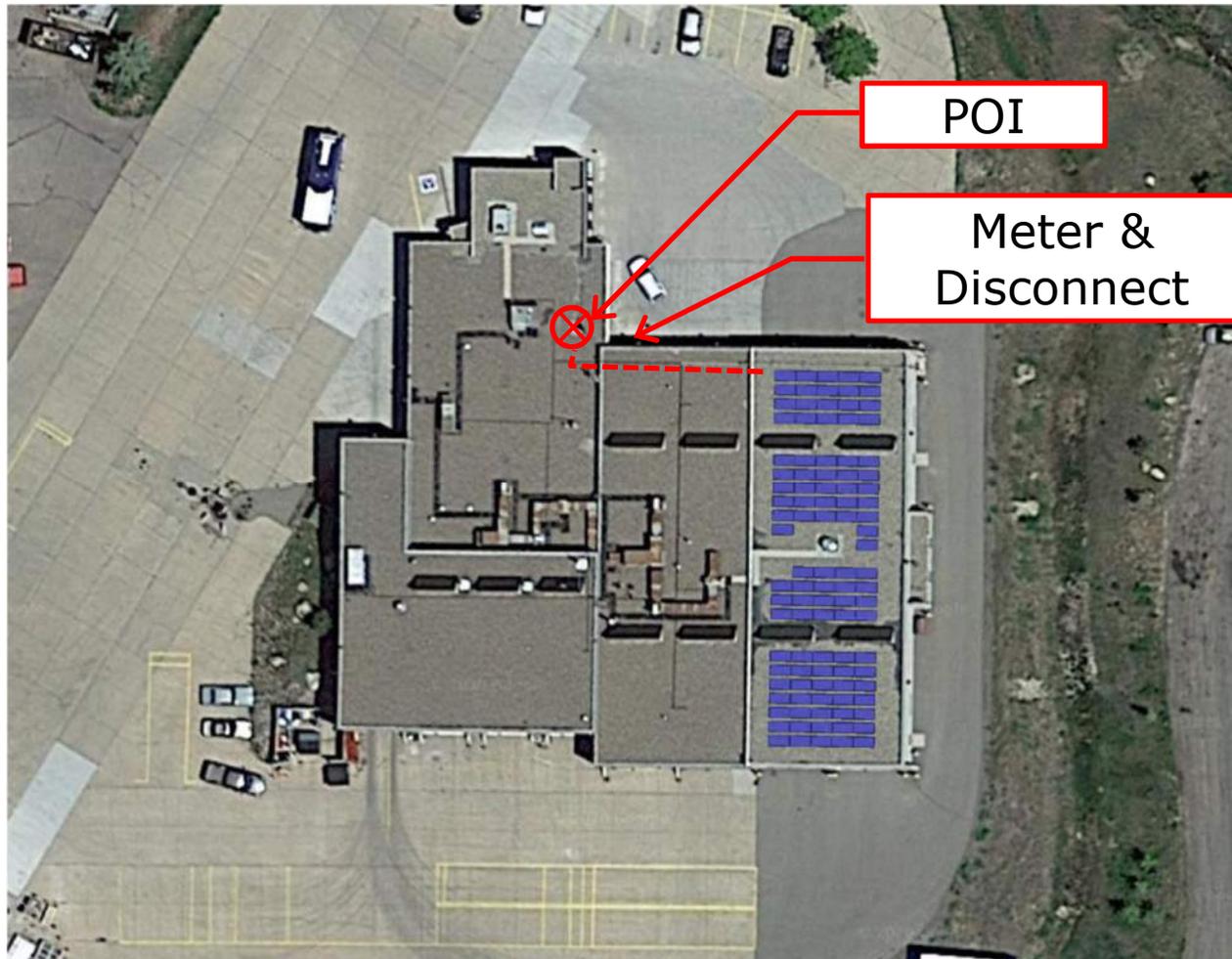
Site Map - Wastewater Treatment Plant



Array Location - Wastewater Treatment Plant



Site Map - Transit Operations Center



Array Location - Transit Operations Center



Other Potential Energy Conservation Measures

Project Site Name	Proposed Measure	Annual Energy Savings	Notes
Transit Operations Ctr	T8 to LED Lighting Upgrades	TBD (~15%-30%)	Long operating hours with significant T8 lighting loads
Transit Operations Ctr	Smart Thermostat, controls, Retro-commissioning	TBD (~0%-5%)	Unknown HVAC loads or controls; often a low-cost, moderate-savings solution
Wastewater Treatment	Replace & Commission Blowers	TBD	Blowers roughly 70% of entire demand, further study needed
Wastewater Treatment	VFD	TBD	VFDs on blowers and pumps to control over 80% of load; need to address reliability concerns
All City Facilities	Retro-commissioning, controls optimization, and behavior engagement	5-30%	Implementation of an occupant/operator engagement program, controls optimization

Both facilities have an energy use intensity that is more efficient when compared to similar facilities.



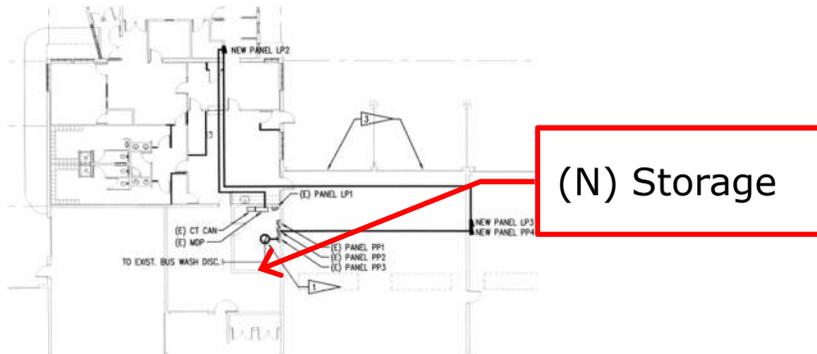
Resiliency – Transit Ops



- Key Functionality: Backup
- Fuel Source: Grid Power, Solar
- System Size:
 - 30kW, 65kWh
 - (1) 30kW, 65kWh
- Storage Type: Lithium-Ion

Economic Value

Operational Savings	n/a
Risk Assessment - Avoided Inventory or Revenue Losses	Discussion
Annual Expenses	(\$1,200)
Project Cost	(\$98,204)



Resiliency Value

Overall Reliability: High

Outage Coverage: ~12+hrs @ 10% Peak Load (Tier 1)

Transition Time: <200 milliseconds

Resiliency – WWTP



- Key Functionality: Backup
- Fuel Source: Grid Power, Solar
- System Size:
 - UV Bldg – 500kW, 2000kWh
 - Solids Handling – 500kW, 2000kWh
 - (2) 250kW, 1000kWh
- Storage Type: Lithium-Ion



(N) Storage

(N) Storage

Economic Value

Operational Savings	n/a
Risk Assessment - Avoided Inventory or Revenue Losses	Discussion (Lightning Damages)
Annual Expenses	(\$4,800)
Project Cost	(\$2,184,000)

- Considerations
 - Solids Handling has a generator already for emergency backup. UV Bldg is planning generator replacement/upgrade.
 - Installation of Lightning and Surge Protection Measures, in lieu of Battery Storage for resiliency.



Resiliency Value

Overall Reliability: Medium

Outage Coverage:

- UV Bldg: ~6+hrs @80% Peak Load (Tier 1)
- Solids Handling: ~6+hrs @ 80% Peak Load (Tier 1)

Transition Time: <200 milliseconds

PV Project Economics – Without Resiliency

Total Project Cost:	\$926,382
DOLA Grant Funding:	\$91,134
Annual Utility Savings:	\$69,217
Estimated Payback w/out DOLA Grant:	13.31 years
Estimated Payback with DOLA Grant:	12 years
Net Present Value:	\$515,554

Assumptions: 30-year project lifecycle, 100% debt finance, 15-year term, 3% interest, 4% discount rate, includes cost for insurance, O&M and inverter replacement

PV Project Economics – With Resiliency (at Ops & 1 at WWTP)

Total Project Cost:	\$2,067,187
DOLA Grant Funding:	\$1,000,000
Annual Utility Savings:	\$69,217
Estimated Payback w/out DOLA Grant:	29.7 years
Estimated Payback with DOLA Grant:	15.33 years
Net Present Value:	\$292,580

Assumptions: 30-year project lifecycle, 100% debt finance, 15-year term, 3% interest, 4% discount rate, includes cost for insurance, O&M and inverter replacement

Mt. Werner Water District

Project Overview



Project Overview

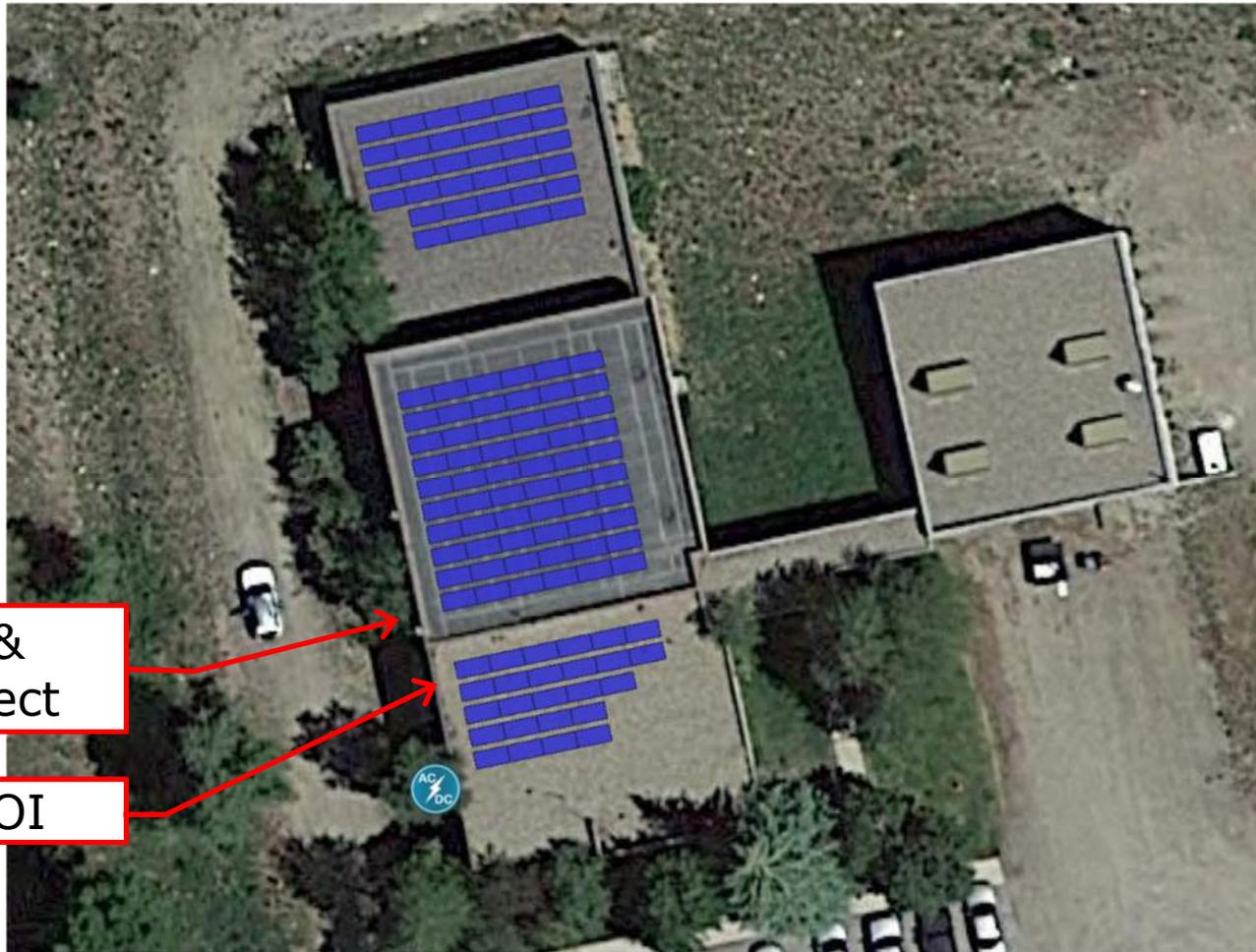
Partner Name	Project Site Name	System Capacity (kW-DC)	Annual Energy Production (kWh)	Net Energy Offset (%)	PV Application
Mt. Werner Water District	Water Treatment Plant	46.4	66,830	~17%	Ballasted Rooftop

PV Application - Example

Ballasted Rooftop



Site Map - Wastewater Treatment Plant



Meter &
Disconnect

POI

Array Location - Water Treatment Plant



Array Location – Water Treatment Plant



Other Potential Energy Conservation Measures

Project Site Name	Proposed Measure	Annual Energy Savings	Notes
Mt. Werner Water	T8 to LED Lighting Upgrade	TBD (~40%-60% of lighting loads)	Lots of T8 lighting throughout, need to determine lighting load against entire meter

This facility has an energy use intensity that is more efficient when compared to similar facilities across the nation.

Resiliency – WTP



Key Functionality: Backup
Fuel Source: Diesel w Gel Additive
System Size: 100kW



(E) Generator,
replace w 100kW

Economic Value

Operational Savings	n/a
Risk Assessment - Avoided Inventory or Revenue Losses	Discussion
Annual Expenses	(\$2,650)
Project Cost	(\$165,415)

Resiliency Value

Overall Reliability: High

Outage Coverage: ~24+hrs @45% Peak Load (Tier 1)

Transition Time: ATS (8-10 seconds), NFPA Requirement

PV Project Economics – Without Resiliency

Total Project Cost:	\$139,857
DOLA Grant Funding:	\$64,287
Annual Utility Savings:	\$6,286
Estimated Payback w/out DOLA Grant:	22.21 years
Estimated Payback with DOLA Grant:	12 years
Net Present Value:	\$56,418

Assumptions: 30-year project lifecycle, 100% debt finance, 15-year term, 3% interest, 4% discount rate, includes cost for insurance, O&M and inverter replacement

PV Project Economics – With Resiliency

Total Project Cost:	\$291,632
DOLA Grant Funding:	\$145,816
Annual Utility Savings:	\$6,286
Estimated Payback w/out DOLA Grant:	Capital Measure
Estimated Payback with DOLA Grant:	23.15 years
Net Present Value:	\$61,842

Assumptions: 30-year project lifecycle, 100% debt finance, 15-year term, 3% interest, 4% discount rate, includes cost for insurance, O&M and inverter replacement

City of Craig

Project Overview



Project Overview

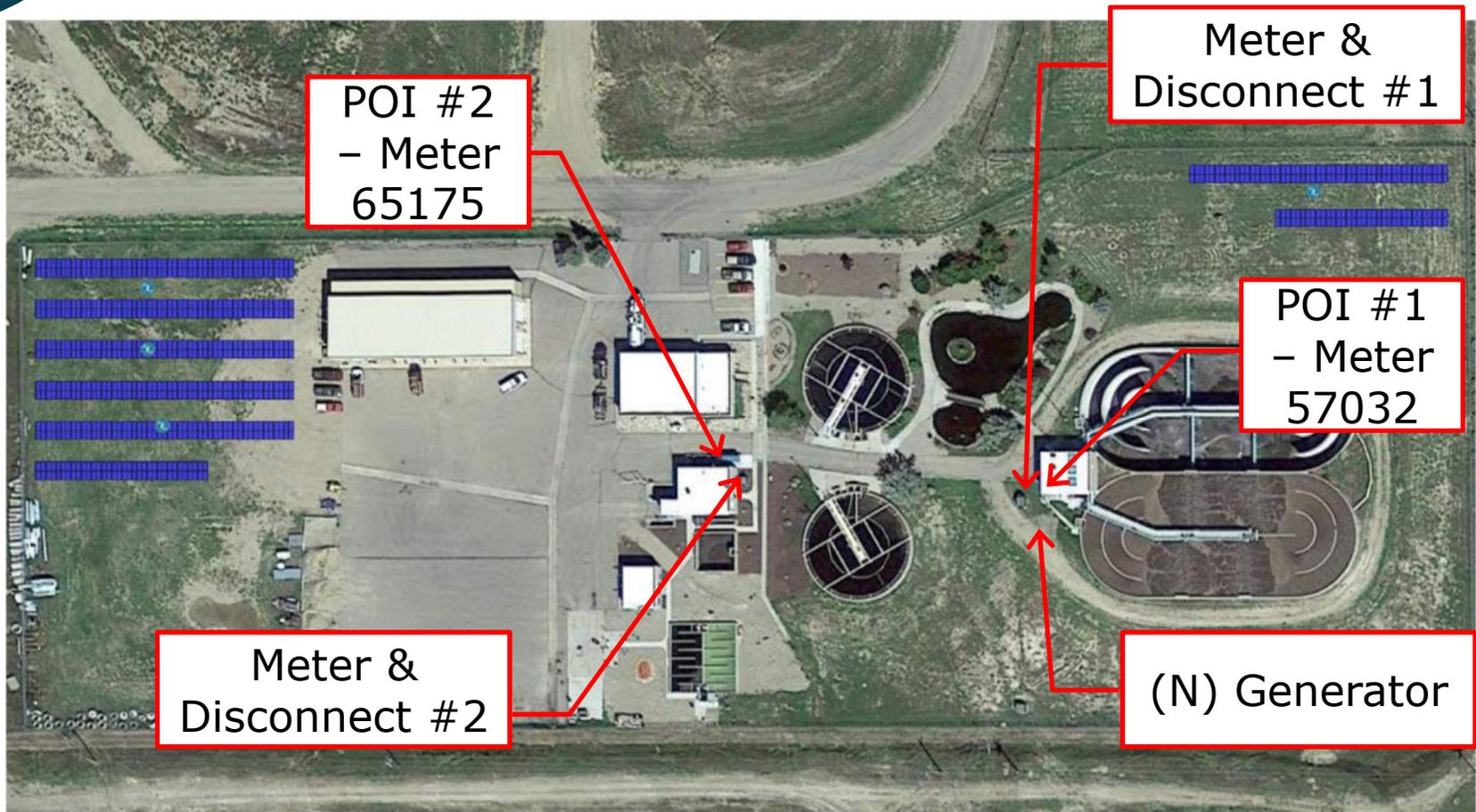
Partner Name	Project Site Name	System Capacity (kW-DC)	Annual Energy Production (kWh)	Net Energy Offset (%)	PV Application
City of Craig	Wastewater Treatment Plant	292	454,900	~45%	Ground Mount
City of Craig	Water Treatment Plant	225	336,980	~24%	Ground Mount

PV Application - Example

Ground Mount



Site Map - Wastewater Treatment Plant



- POI 1 – Aeration Bldg
- POI 2 – Pre-Treatment Bldg

Array Location - Wastewater Treatment Plant - "Yard"



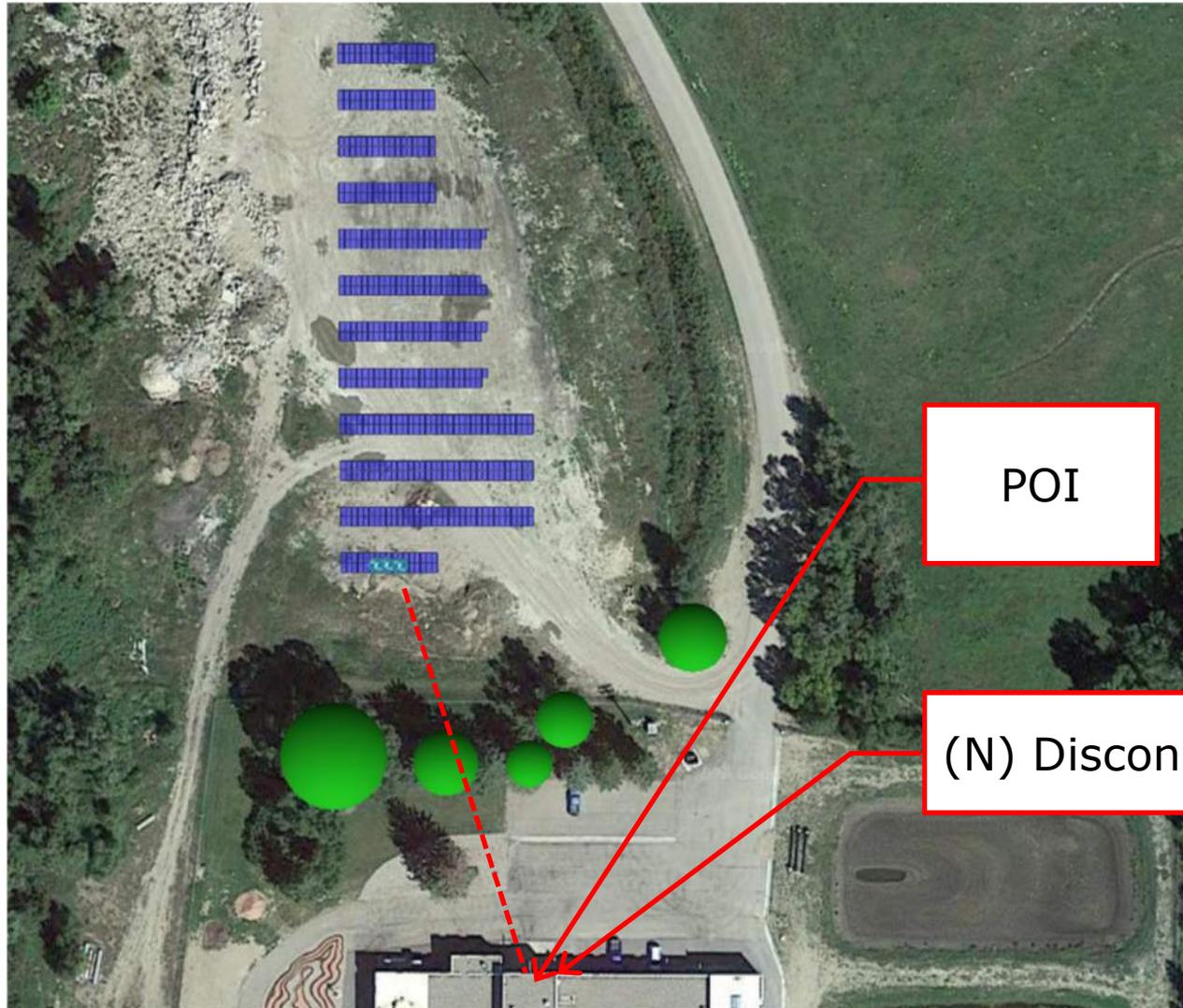
Interconnects at POI #1

Array Location – Wastewater Treatment Plant – “North Field”



Interconnects at POI #2

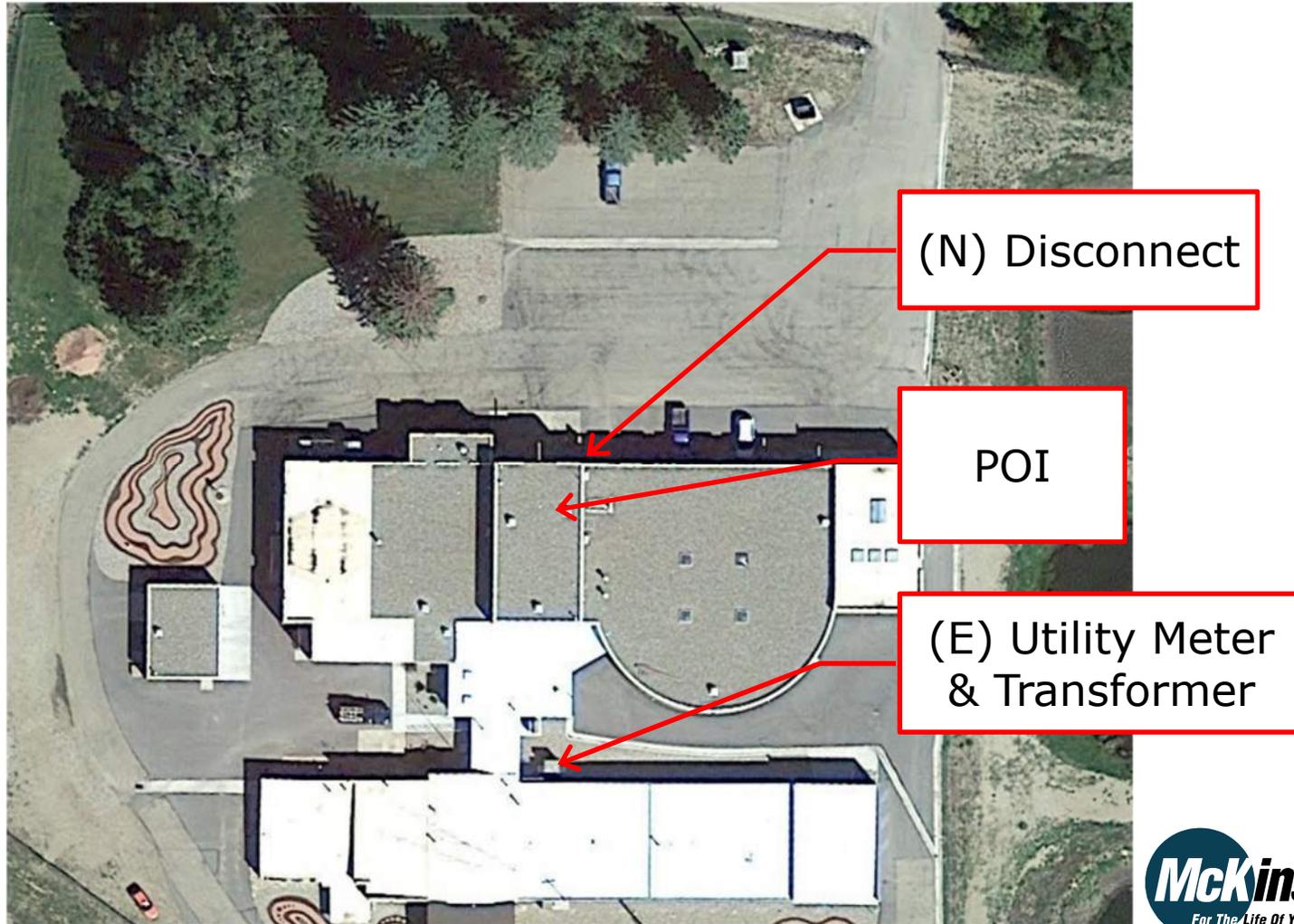
Site Map - Water Treatment Plant



POI

(N) Disconnect

Site Map (Cont.)



Array Location - Water Treatment Plant



Array Location – Water Treatment Plant



Other Potential Energy Conservation Measures

Project Site Name	Proposed Measure	Annual Energy Savings	Notes
All City Facilities	Behavior engagement	5-10%	Implementation of an occupant and operator engagement program
All City Facilities	Retro-commissioning	15-25% (average)	McKinstry engineers can evaluate building operations, and help optimize energy-consuming systems

This facility has an energy use intensity that is ~5% more efficient when compared to similar facilities across the nation.

CH2

Slide 54

CH2

Shouldn't we compare this to WWTP/WTP instead of healthcare?

Chris Henderson, 6/4/2020

Resiliency - WTP



Key Functionality: Backup
Fuel Source: Diesel w Gel Additive
System Size: 750kW



(E) Automatic Transfer Switch

(E) 125kW Generator

(N) 750kW Generator

Resiliency Value

Overall Reliability: High

Outage Coverage: ~12+hrs @ 95% Peak Load (Tier 1)

Transition Time: ATS (8-10 seconds), NFPA Requirement

Economic Value

Operational Savings	n/a
Risk Assessment - Avoided Inventory or Revenue Losses	Discussion
Annual Expenses	(\$3,830)
Project Cost	(\$932,320)

• Considerations

- 750kW will need to be placed outside in an outdoor enclosure.
- Existing 125kW generator could be reutilized to cover more loads in the event of an outage.
- Reducing the peak load through implementation of other ECMs may increase the coverage provided by the existing 125kW generator.

Resiliency - WWTP



Key Functionality: Backup
 Fuel Source: Diesel w Gel Additive
 System Size:

- Aeration Bldg: 230kW



(N) ATS

(N) Generator

Resiliency Value

Overall Reliability: High

Outage Coverage: ~12+hrs @ 100% Peak Load (Tier 1)

Transition Time: ATS (8-10 seconds), NFPA Requirement

Economic Value

Operational Savings	n/a
Risk Assessment - Avoided Inventory or Revenue Losses	Discussion
Annual Expenses	(\$2,450)
Project Cost	(\$228,850)

• Considerations

- Past 12 months utility interval data was used to size the generator.
- If future load expansion is expected at the Aeration Bldg, a larger generator size will need to be considered.
- Installation of Lightning and Surge Protection Measures, in lieu of the generator for resiliency.

PV Project Economics – Without Resiliency

Total Project Cost:	\$961,090
DOLA Grant Funding:	\$76,882
Annual Utility Savings:	\$73,684
Estimated Payback w/out DOLA Grant:	13 years
Estimated Payback with DOLA Grant:	12 years
Net Present Value:	\$545,902

Assumptions: 30-year project lifecycle, 100% debt finance, 15-year term, 3% interest, 4% discount rate, includes cost for insurance, O&M and inverter replacement

PV Project Economics – With Resiliency

Total Project Cost:	\$2,122,259
DOLA Grant Funding:	\$1,000,000
Annual Utility Savings:	\$73,684
Estimated Payback w/out DOLA Grant:	28.8 years
Estimated Payback with DOLA Grant:	15.23 years
Net Present Value:	\$317,051

Assumptions: 30-year project lifecycle, 100% debt finance, 15-year term, 3% interest, 4% discount rate, includes cost for insurance, O&M and inverter replacement

Memorial Regional Hospital

Project Overview



Project Overview

Partner Name	Project Site Name	System Capacity (kW-DC)	Annual Energy Production (kWh)	Net Energy Offset (%)	PV Application
Memorial Regional Health Hospital	Hospital	225	337,160	~12%	Ballasted Rooftop
Memorial Regional Health Hospital	MOB	146	220,390	~28%	Ballasted Rooftop

PV Application - Example

Ballasted Rooftop



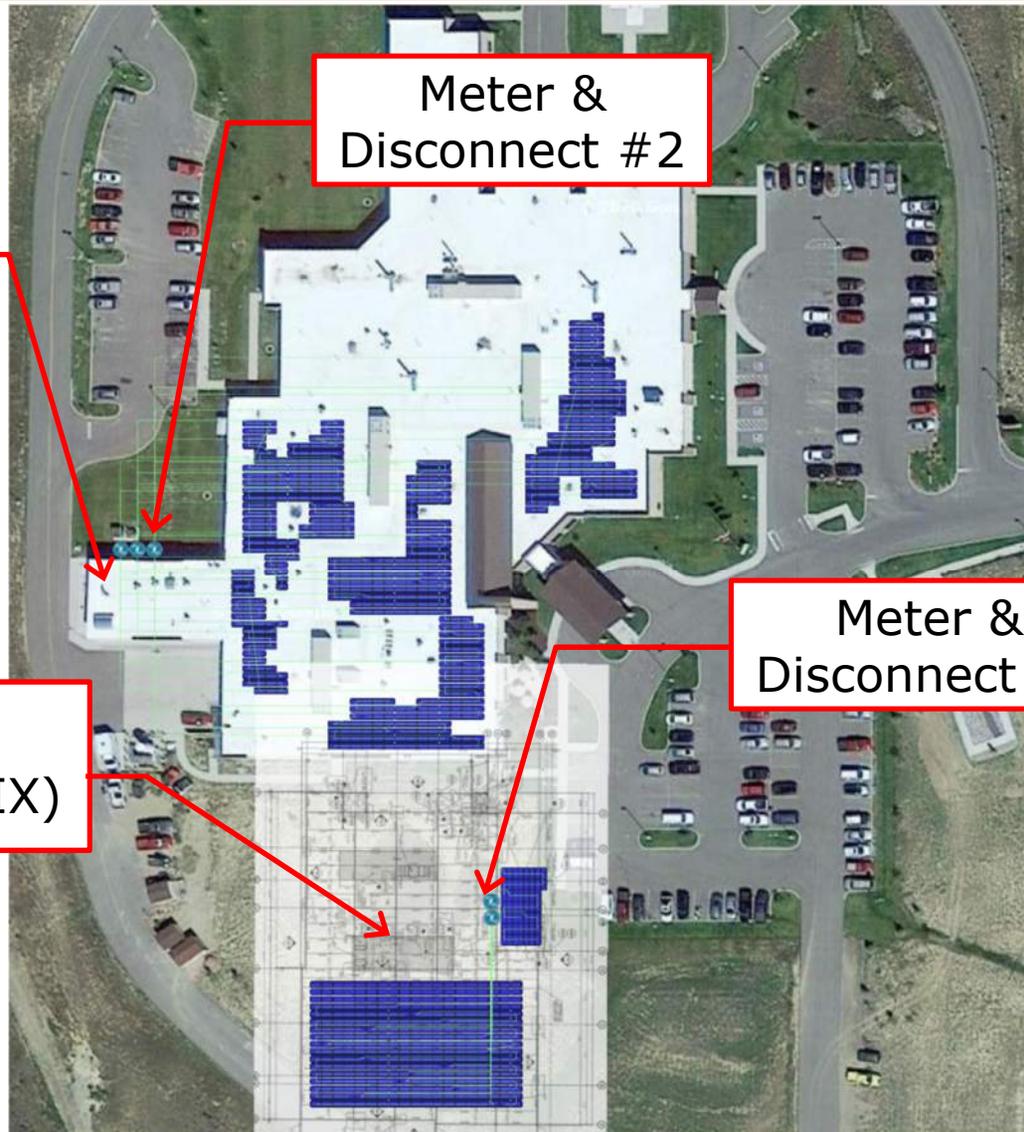
Site Map - Hospital & MOB

POI #2
- Meter
57028

Meter &
Disconnect #2

POI #1
(internal IX)

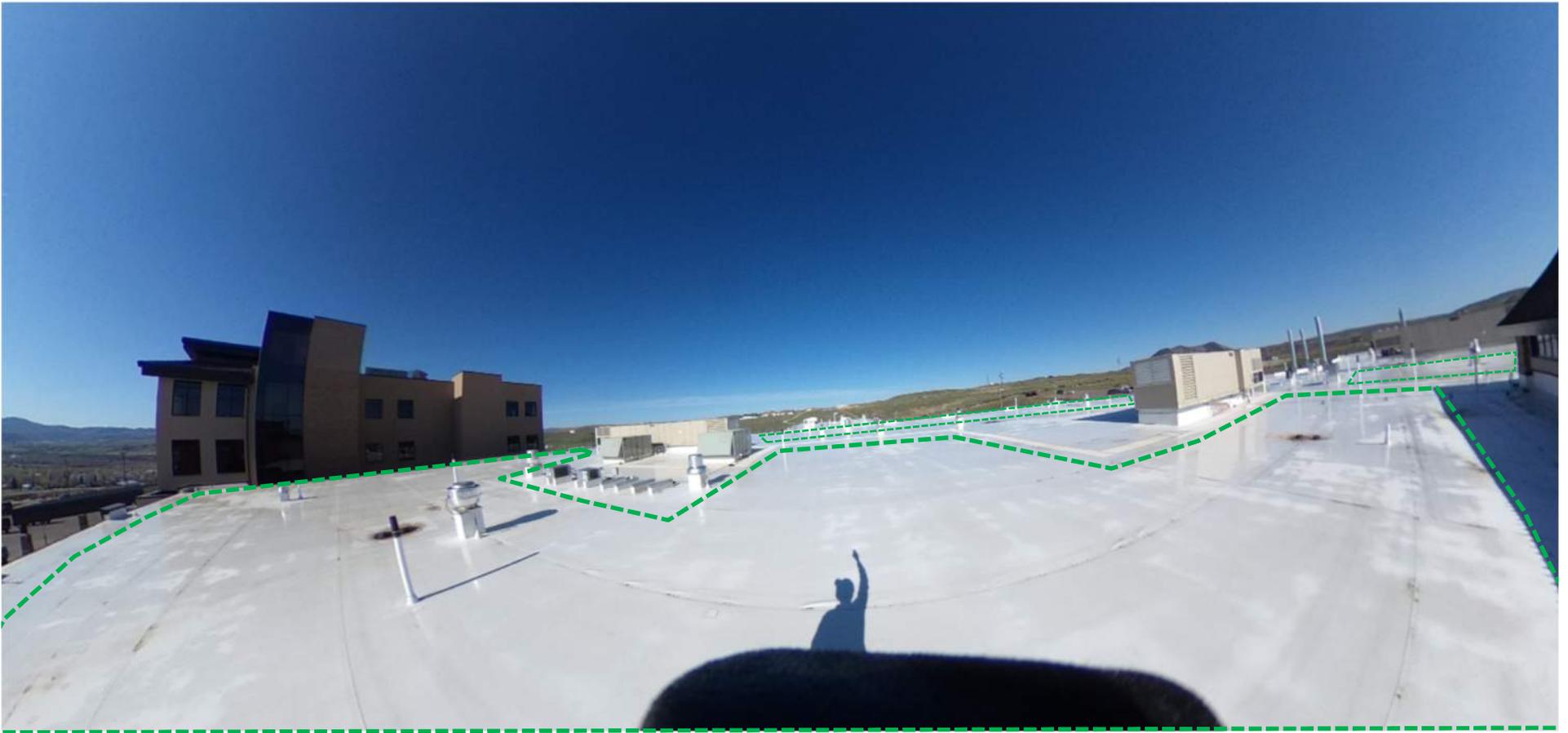
Meter &
Disconnect #1



Array Location - Hospital Roof



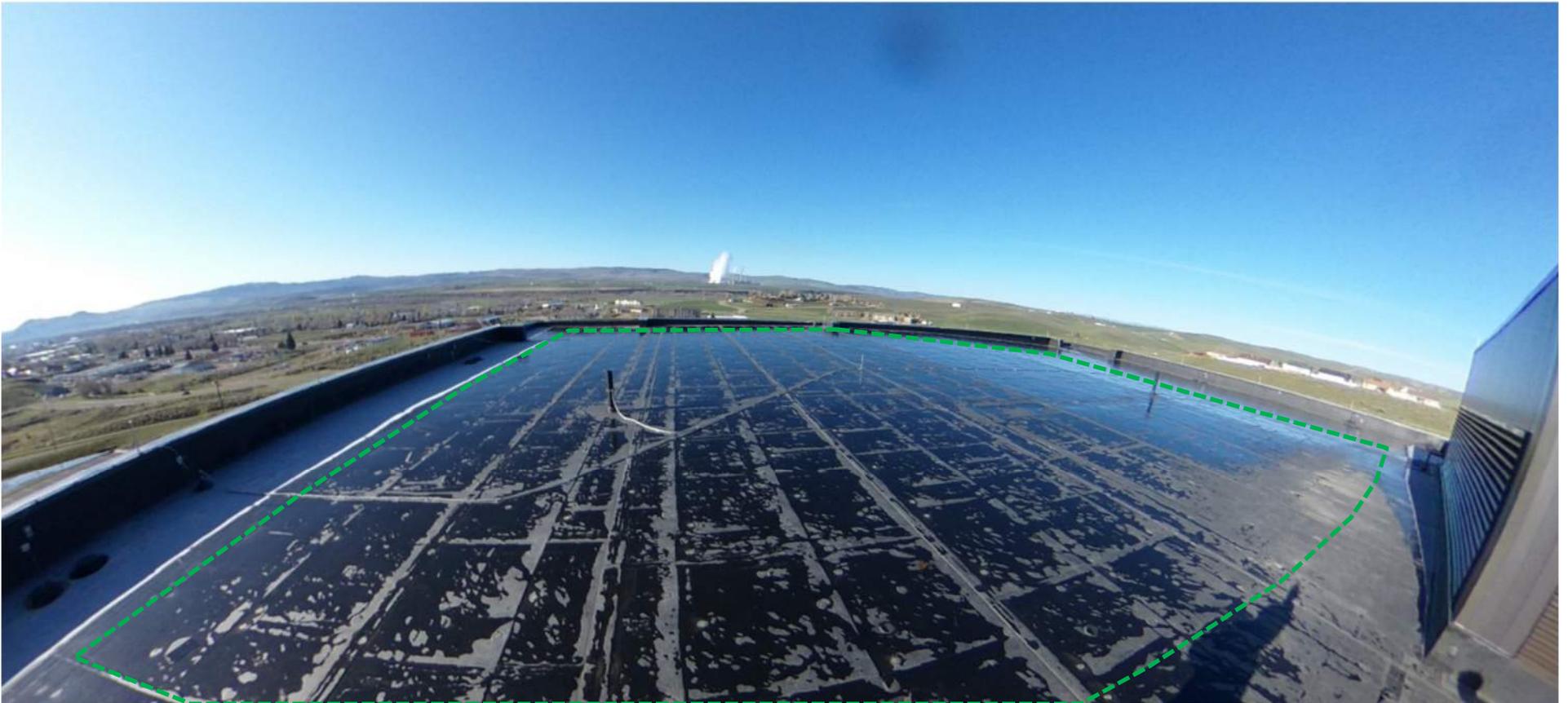
Array Location - Hospital Roof



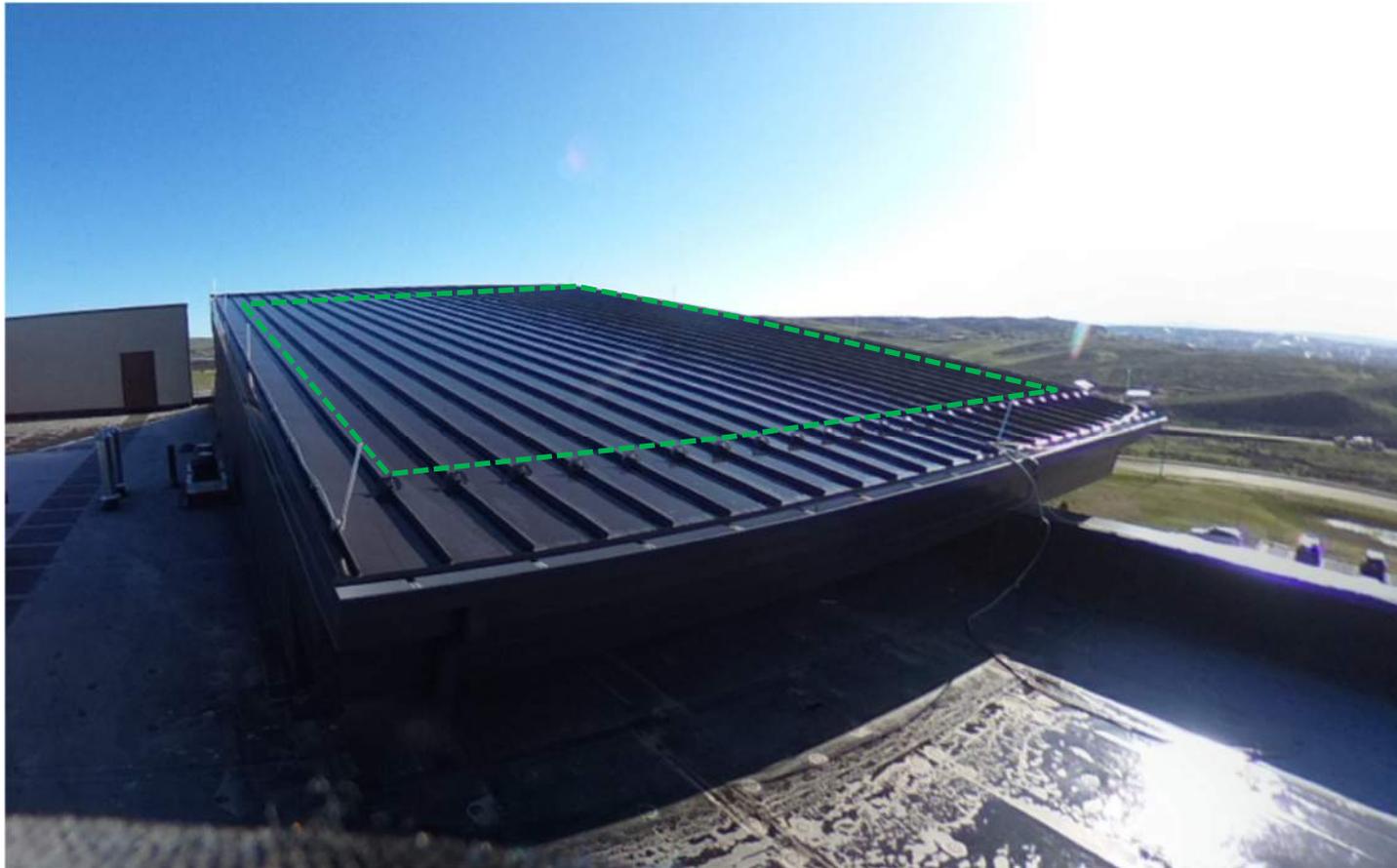
Array Location - Hospital Roof



Array Location - MOB Flat Roof



Array Location - MOB Flush Roof



Other Potential Energy Conservation Measures

Project Site Name	Proposed Measure	Annual Energy Savings	Notes
Memorial Regional Health Hospital	Behavior engagement	5-10%	Implementation of an occupant and operator engagement program
Memorial Regional Health Hospital - MOB	Behavior engagement	5-10%	Implementation of an occupant and operator engagement program
Memorial Regional Health Hospital	Retro-commissioning and controls optimization	15-25% (average)	McKinstry engineers can evaluate building operations, and help optimize energy-consuming systems

This facility has an energy use intensity that is ~8% more efficient when compared to similar healthcare facilities across the nation.



PV Project Economics

Total Project Cost:	\$773,980
DOLA Grant Funding:	\$185,980
Annual Utility Savings:	\$50,001
Estimated Payback w/out DOLA Grant:	15.8 years
Estimated Payback with DOLA Grant:	12 years
Net Present Value:	\$355,771

Assumptions: 30-year project lifecycle, 100% debt finance, 15-year term, 3% interest, 4% discount rate, includes cost for insurance, O&M and inverter replacement

Moffat County

Project Overview



Project Overview

Partner Name	Project Site Name	System Capacity (kW-DC)	Annual Energy Production (kWh)	Net Energy Offset (%)	PV Application
Moffat County	Safety Center	225	334,970	~50%	Ground Mount

PV Application - Example

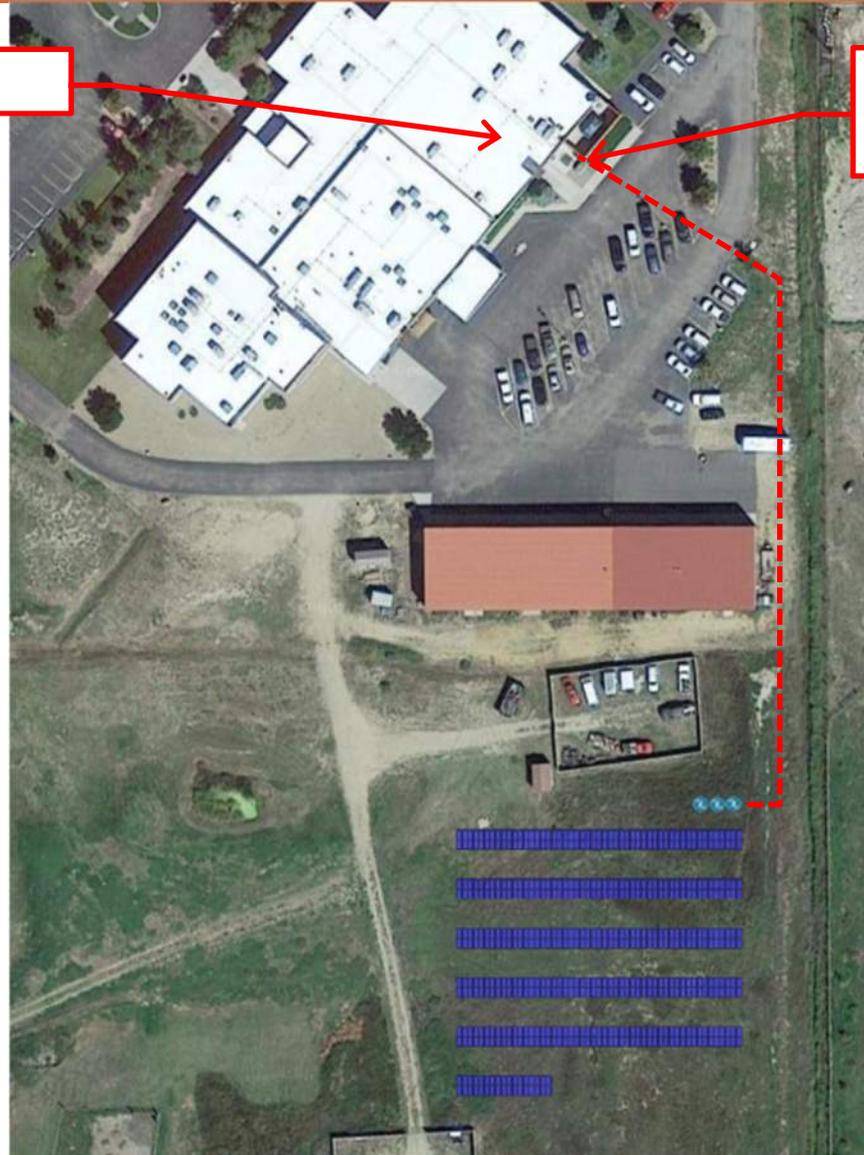
Ground Mount



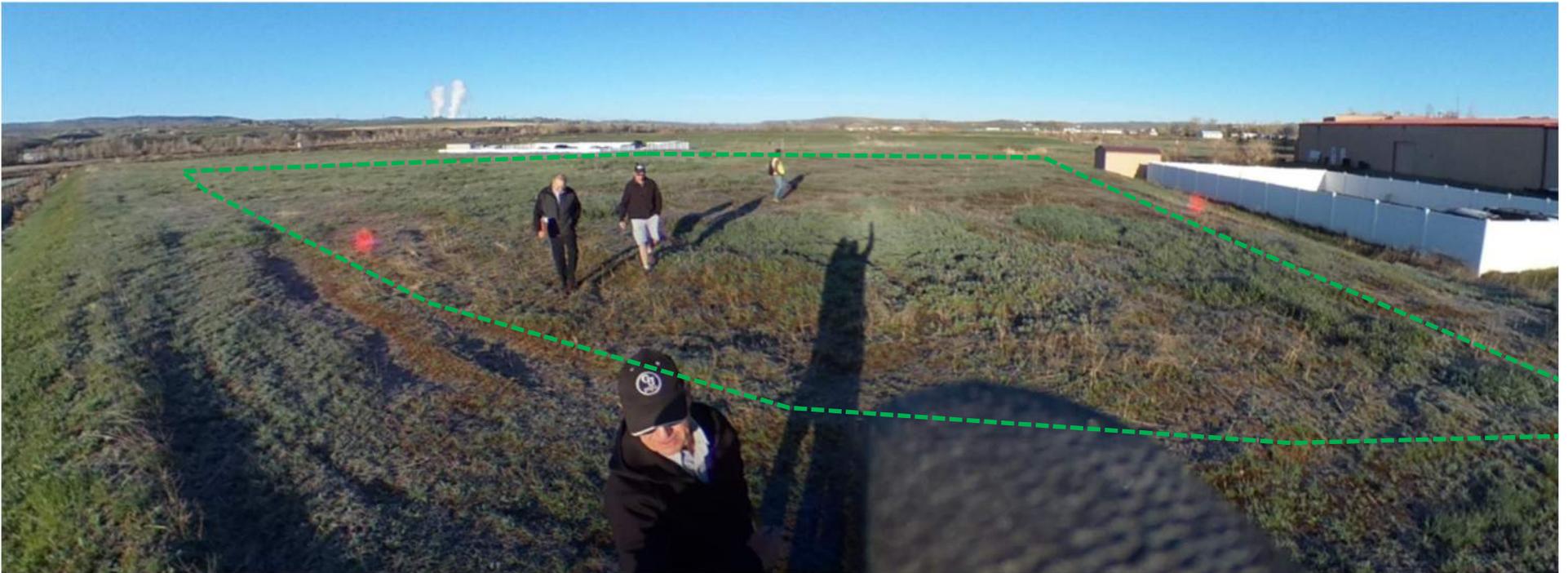
Site Map

POI

Meter &
Disconnect



Array Location



Other Potential Energy Conservation Measures

Project Site Name	Proposed Measure	Annual Energy Savings	Notes
Safety Center	Behavior engagement	5-10%	Implementation of an occupant and operator engagement program
Safety Center	Retro-commissioning	15-25% (average)	McKinstry engineers can evaluate building operations, and help optimize energy-consuming systems

This facility has an energy use intensity that is ~30% more efficient when compared to similar healthcare facilities across the nation.

PV Project Economics

Total Project Cost:	\$426,675
DOLA Grant Funding:	\$48,231
Annual Utility Savings:	\$31,537
Estimated Payback w/out DOLA Grant:	13.53 years
Estimated Payback with DOLA Grant:	12 years
Net Present Value:	\$238,834

Assumptions: 30-year project lifecycle, 100% debt finance, 15-year term, 3% interest, 4% discount rate, includes cost for insurance, O&M and inverter replacement

Moffat County School District

Project Overview



Project Overview

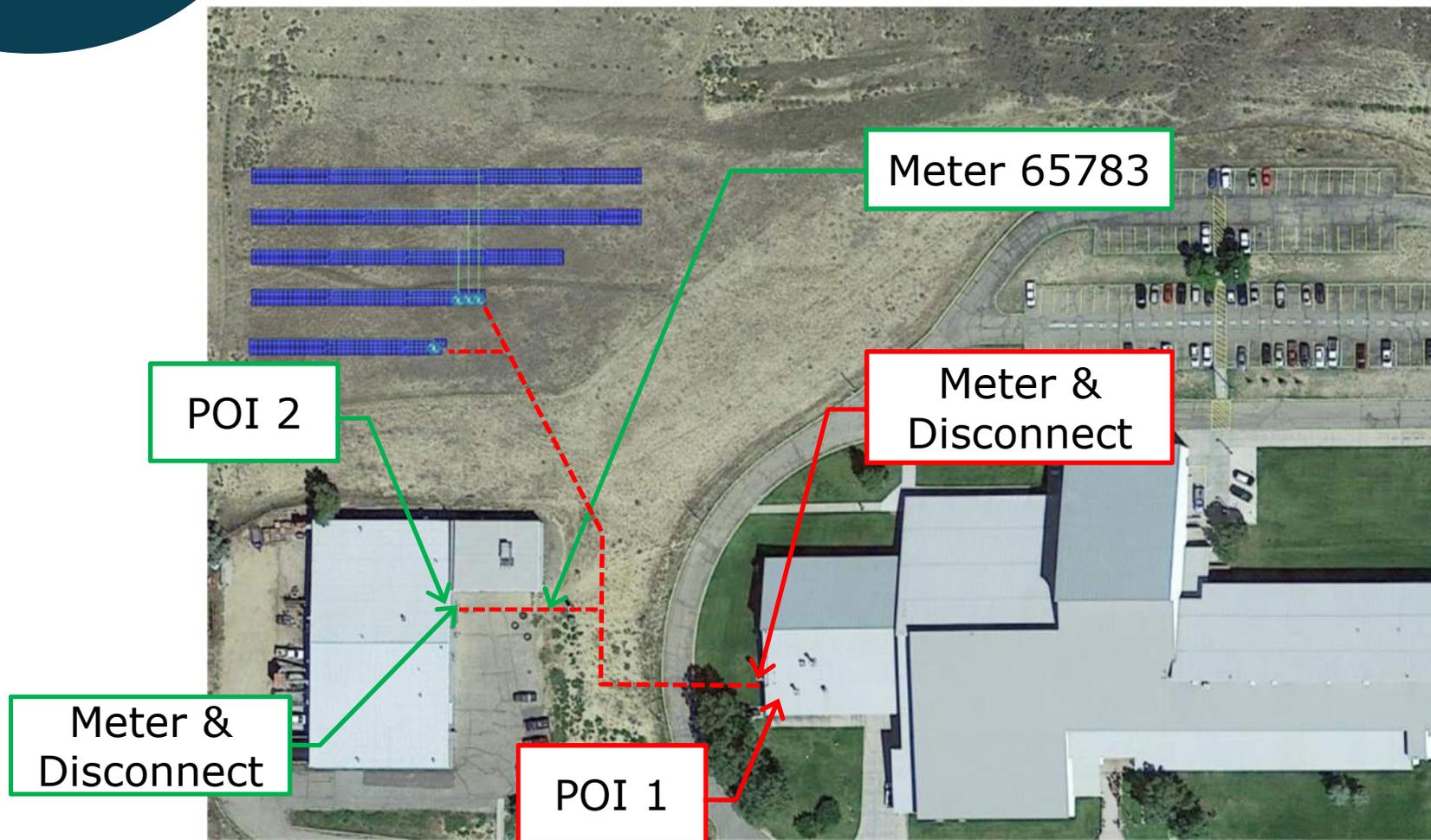
Partner Name	Project Site Name	System Capacity (kW-DC)	Annual Energy Production (kWh)	Net Energy Offset (%)	PV Application
Moffat County Schools	Moffat County High School – Main Meter	225	334,970	~50%	Ground Mount
Moffat County Schools	Moffat County High School – Shop Meter	33.2	54,740	~100%	Ground Mount

PV Application - Example

Ground Mount



Site Map



- POI 1 – High School
- POI 2 – VOAG Bldg

Array Location



Array Location



Other Potential Energy Conservation Measures

Project Site Name	Proposed Measure	Annual Energy Savings	Notes
Moffat High School	VFDs	TBD	McKinstry can evaluate the opportunities for using VFDs to operate various fan and pump loads on premises
Moffat High School	Behavior engagement	5-10%	Implementation of an occupant and operator engagement program
Moffat High School	Retro-commissioning and controls optimization	15-25% (average)	McKinstry engineers can evaluate building operations, and help optimize energy-consuming systems

This facility has an energy use intensity that is roughly twice that of similar facilities in similar climates. There is likely lots of efficiency savings opportunities.

PV Project Economics

Total Project Cost:	\$503,401
DOLA Grant Funding:	\$55,585
Annual Utility Savings:	\$37,318
Estimated Payback w/out DOLA Grant:	13.49 years
Estimated Payback with DOLA Grant:	12 years
Net Present Value:	\$283,575

Assumptions: 30-year project lifecycle, 100% debt finance, 15-year term, 3% interest, 4% discount rate, includes cost for insurance, O&M and inverter replacement

Yampa Valley Regional Airport

Project Overview



Project Overview

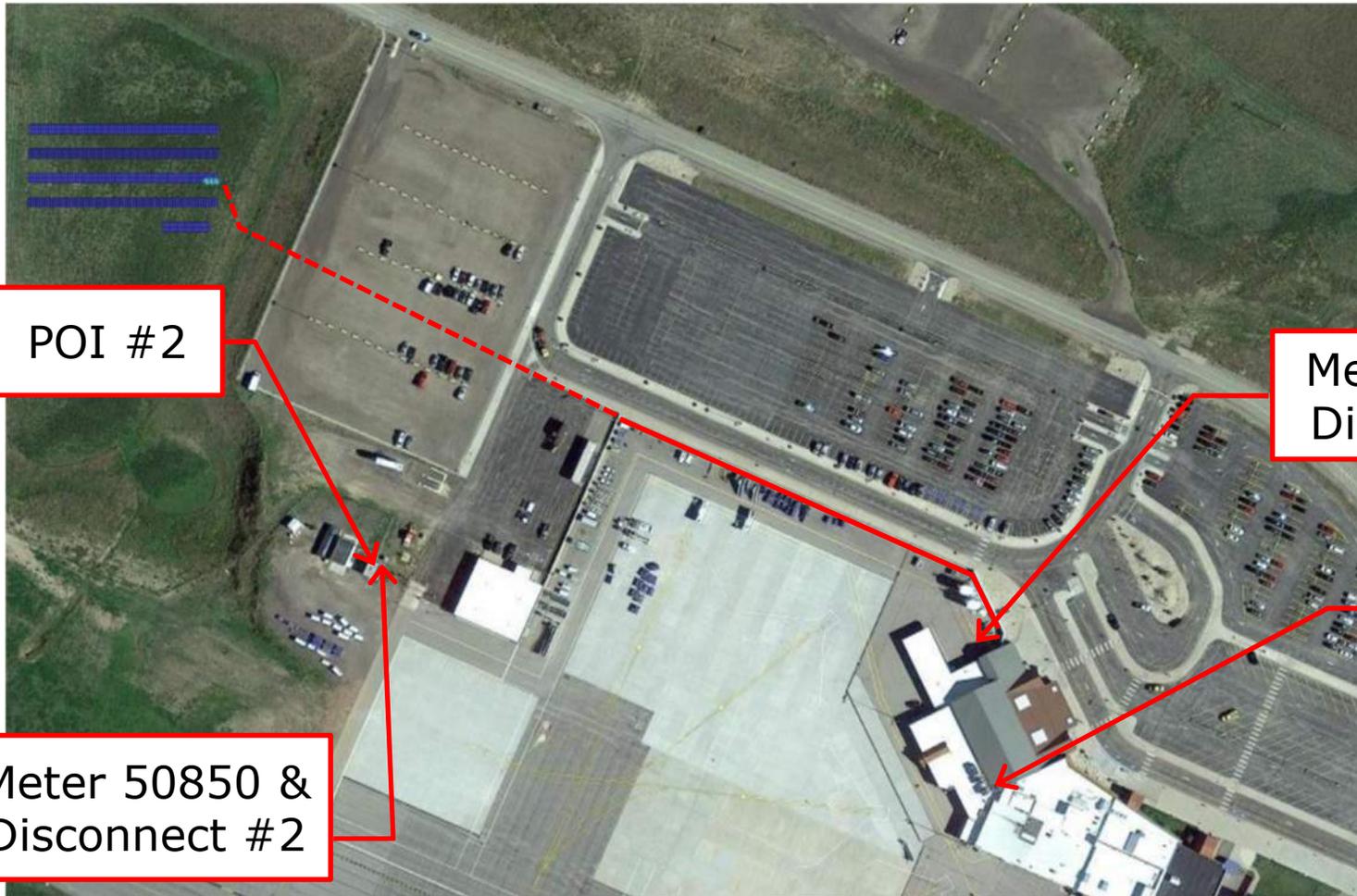
Partner Name	Project Site Name	System Capacity (kW-DC)	Annual Energy Production (kWh)	Net Energy Offset (%)	PV Application
YVRA	YVRA – Main Terminal	225	342,030	~24%	Ground Mount
YVRA	YVRA – Runway Lighting				Ground Mount

PV Application - Example

Ground Mount



Site Map



POI #2

Meter 57036 &
Disconnect #1

POI #1

Meter 50850 &
Disconnect #2

Array Location

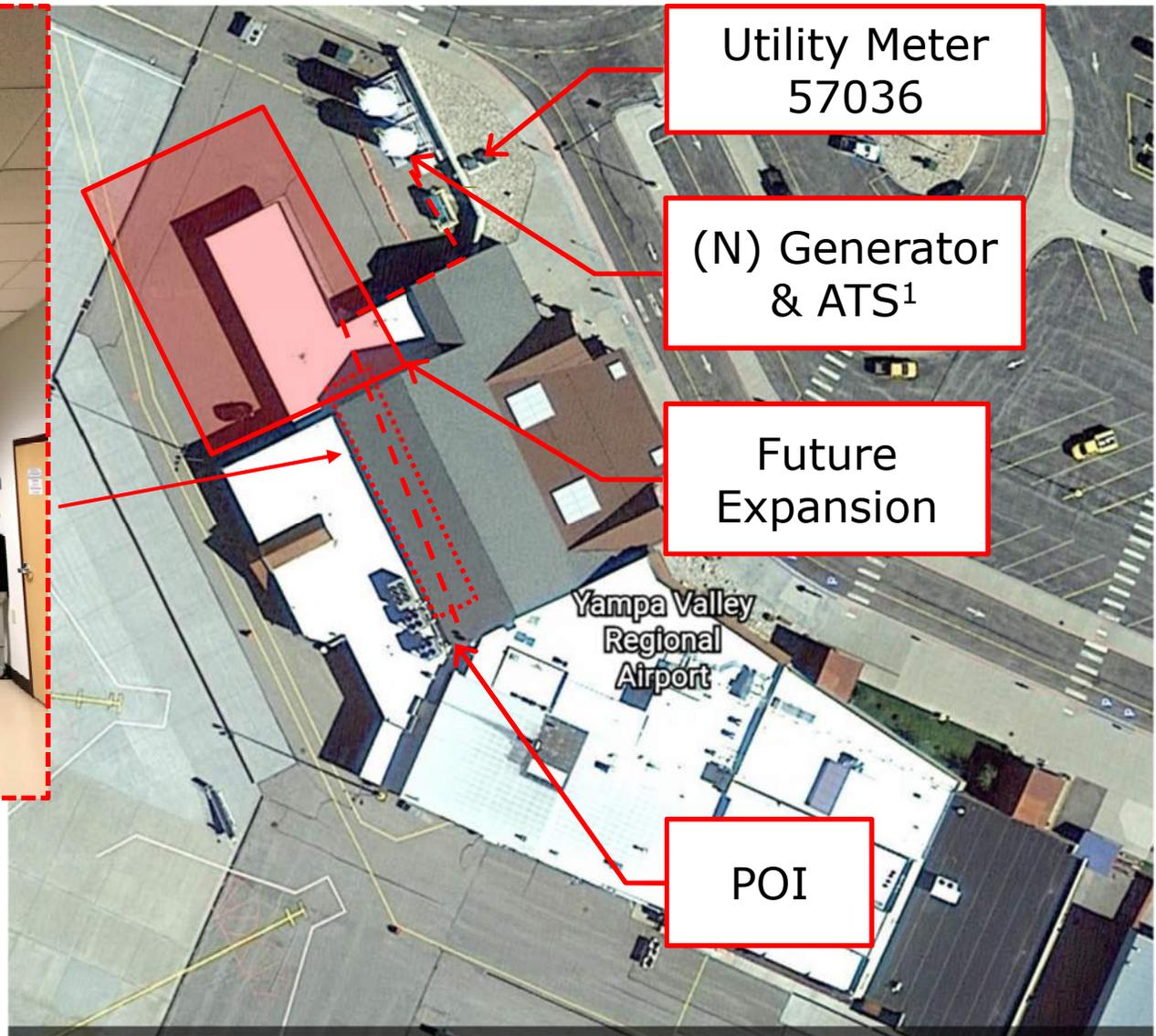


Other Potential Energy Conservation Measures

Project Site Name	Proposed Measure	Annual Energy Savings	Notes
YVRA	Behavior engagement	5-10%	Implementation of an occupant and operator engagement program
YVRA	Retro-commissioning and controls optimization	15-25% (average)	McKinstry engineers can evaluate building operations, and help optimize energy-consuming systems

This facility has an energy use intensity that is ~7% more efficient when compared to similar facilities across the nation in similar climates.

Resiliency - Main Terminal



1. Build to succeed Fire Tank Equipment Demo.
2. Route conduit above ceiling tiles in baggage check area.

Slide 92

ES2

[@Chris Henderson] to update with Steamboat WWTP resiliency info

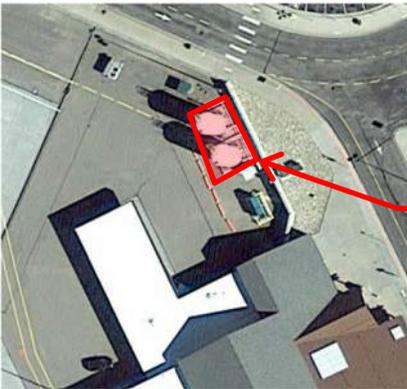
Eric Schneider, 6/1/2020

Resiliency – Main Terminal



Key Functionality: Backup
Fuel Source: Diesel w Gel Additive
System Size:

- 300kW
- ~350 gal fuel tank



(N) Generator & ATS

Economic Value

Operational Savings	n/a
Risk Assessment - Avoided Inventory or Revenue Losses	Discussion
Annual Expenses	(\$2,795)
Project Cost	(\$345,380)

- Considerations
 - Generator can be increased to provide extended load coverage.

Resiliency Value

Overall Reliability: High

Outage Coverage: ~12+hrs @ 60% Peak Load (Tier 1)

Transition Time: ATS (8-10 seconds), NFPA Requirement

Resiliency - Airfield Lights



- Key Functionality: Backup
- Fuel Source: Diesel w Gel Additive
- System Size:
 - 75kW
 - ~266 gal fuel tank



(N) Generator

(N) ATS

Economic Value

Operational Savings	n/a
Risk Assessment - Avoided Inventory or Revenue Losses	Discussion
Annual Expenses	(\$2,450)
Project Cost	(\$130,210)

- Considerations
 - An energy storage solution is recommended if a faster transition time is desired.

Resiliency Value

Overall Reliability: Very High

Outage Coverage: ~48+hrs @ 100% Peak Load (Tier 1)

Transition Time: ATS (8-10 seconds), NFPA Requirement

Slide 94

ES2

[@Chris Henderson] to update with Steamboat WWTP resiliency info

Eric Schneider, 6/1/2020

Resiliency - Hangar 1



- Key Functionality: Backup
- Fuel Source: Diesel w Gel Additive
- System Size:
 - 30kW
 - ~140 gal fuel tank



(N) Generator

Resiliency Value

Overall Reliability: Very High

Outage Coverage: ~24+hrs @ 100% Peak Load (Tier 1)

Transition Time: ATS (8-10 seconds), NFPA Requirement

Economic Value

Operational Savings	n/a
Risk Assessment - Avoided Inventory or Revenue Losses	Discussion
Annual Expenses	(\$1,925)
Project Cost	(\$87,290)

- Considerations
 - Suggested location is outside secure area.
 - Other location identified is inside the Hangar.
 - It is not recommended to install the generator indoors, significant building redesign, ventilation and code requirements could be required.
 - Generator was sized for the worst case scenario – to meet an event that happened in late Oct '19.

Slide 95

ES2

[@Chris Henderson] to update with Steamboat WWTP resiliency info

Eric Schneider, 6/1/2020

Resiliency – PAPIs



- Key Functionality: Backup
- Fuel Source: Grid Power
- System Size:
 - 5kW, 8.4kWh
- Storage Type: Lead Acid



(N) Storage & Enclosure

Economic Value

Operational Savings	n/a
Risk Assessment - Avoided Inventory or Revenue Losses	Discussion
Annual Expenses	(\$1,200)
Project Cost	(\$22,100)

- Considerations
 - Potential FAA permitting issues near runway.

Resiliency Value

Overall Reliability: High

Outage Coverage: ~12+ hrs @ 100% Peak Load (Tier 1)

Transition Time: <200 milliseconds

Resiliency - Ops & Maint.



- Key Functionality: Backup
- Fuel Source: Diesel w Gel Additive
- System Size:
 - 30kW, assuming 100% load backup
 - ~140 gal fuel tank



(N) Generator

Economic Value

Operational Savings	n/a
Risk Assessment - Avoided Inventory or Revenue Losses	Discussion
Annual Expenses	(\$1,200)
Project Cost	(\$69,760)

- Considerations

Resiliency Value

Overall Reliability: High

Outage Coverage: ~24+hrs @ 40% Peak Load (Tier 1)

Transition Time: ATS (8-10 seconds), NFPA Requirement

PV Project Economics

Total Project Cost:	\$430,153
DOLA Grant Funding:	\$44,725
Annual Utility Savings:	\$32,119
Estimated Payback w/out DOLA Grant:	13.39 years
Estimated Payback with DOLA Grant:	12 years
Net Present Value:	\$244,534

Assumptions: 30-year project lifecycle, 100% debt finance, 15-year term, 3% interest, 4% discount rate, includes cost for insurance, O&M and inverter replacement

PV Project Economics – With Resiliency

Total Project Cost:	\$1,090,429
DOLA Grant Funding:	\$545,214
Annual Utility Savings:	\$32,119
Estimated Payback w/out DOLA Grant:	33.95 years
Estimated Payback with DOLA Grant:	16.97 years
Net Present Value:	\$90,923

Assumptions: 30-year project lifecycle, 100% debt finance, 15-year term, 3% interest, 4% discount rate, includes cost for insurance, O&M and inverter replacement

Town of Hayden

Project Overview



Project Overview

Partner Name	Project Site Name	System Capacity (kW-DC)	Annual Energy Production (kWh)	Net Energy Offset (%)	PV Application
Town of Hayden	Hayden Police Station	33.2	41,110	~84%	Attached Rooftop
Town of Hayden	Hayden School Redevelopment	219	298,980	~80%	Ballasted Rooftop
Town of Hayden	Hayden Wastewater Treatment Plant	225	342,460	~57%	Ground Mount

PV Applications - Examples

Ground Mount



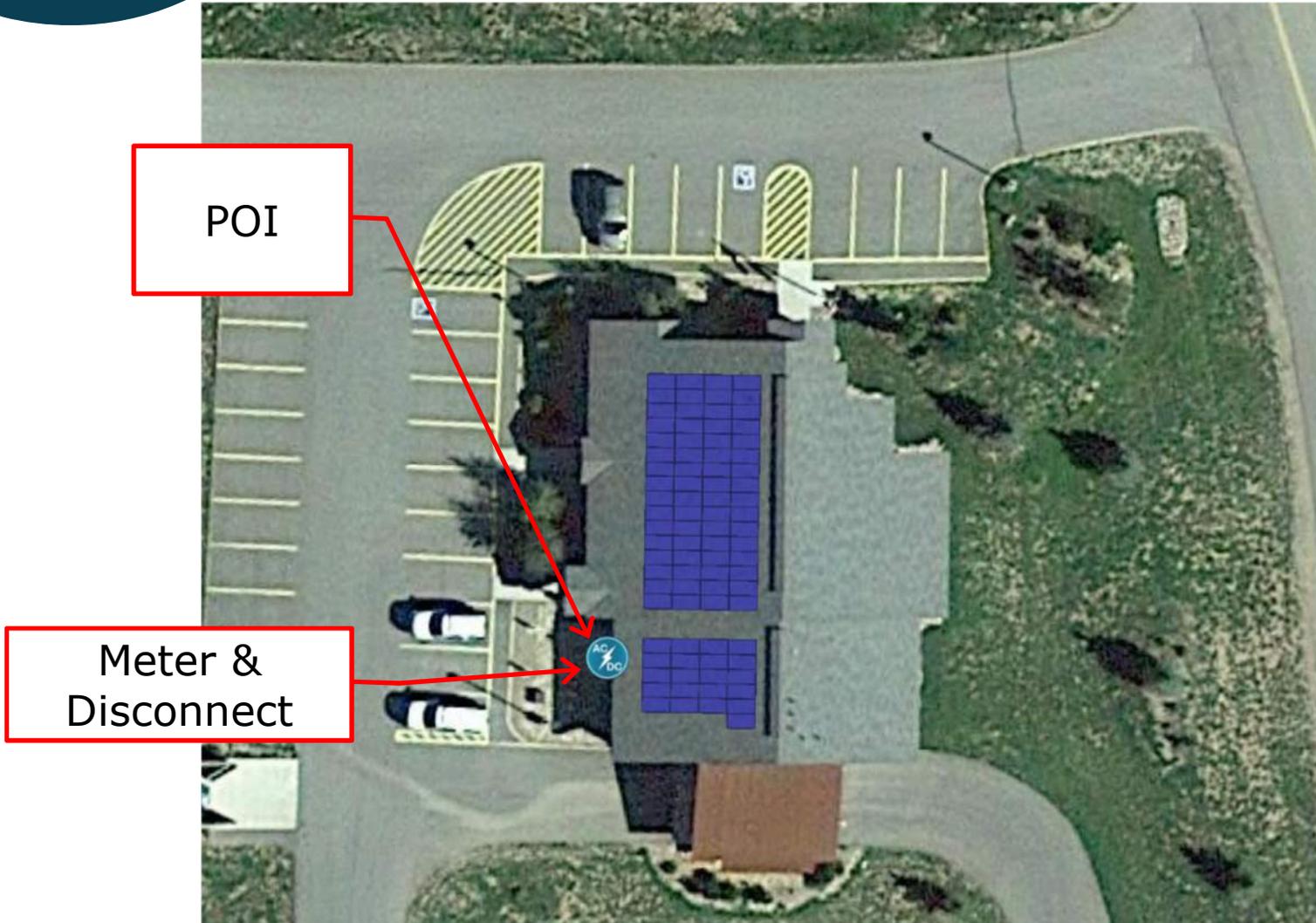
Ballasted Rooftop



Attached Rooftop



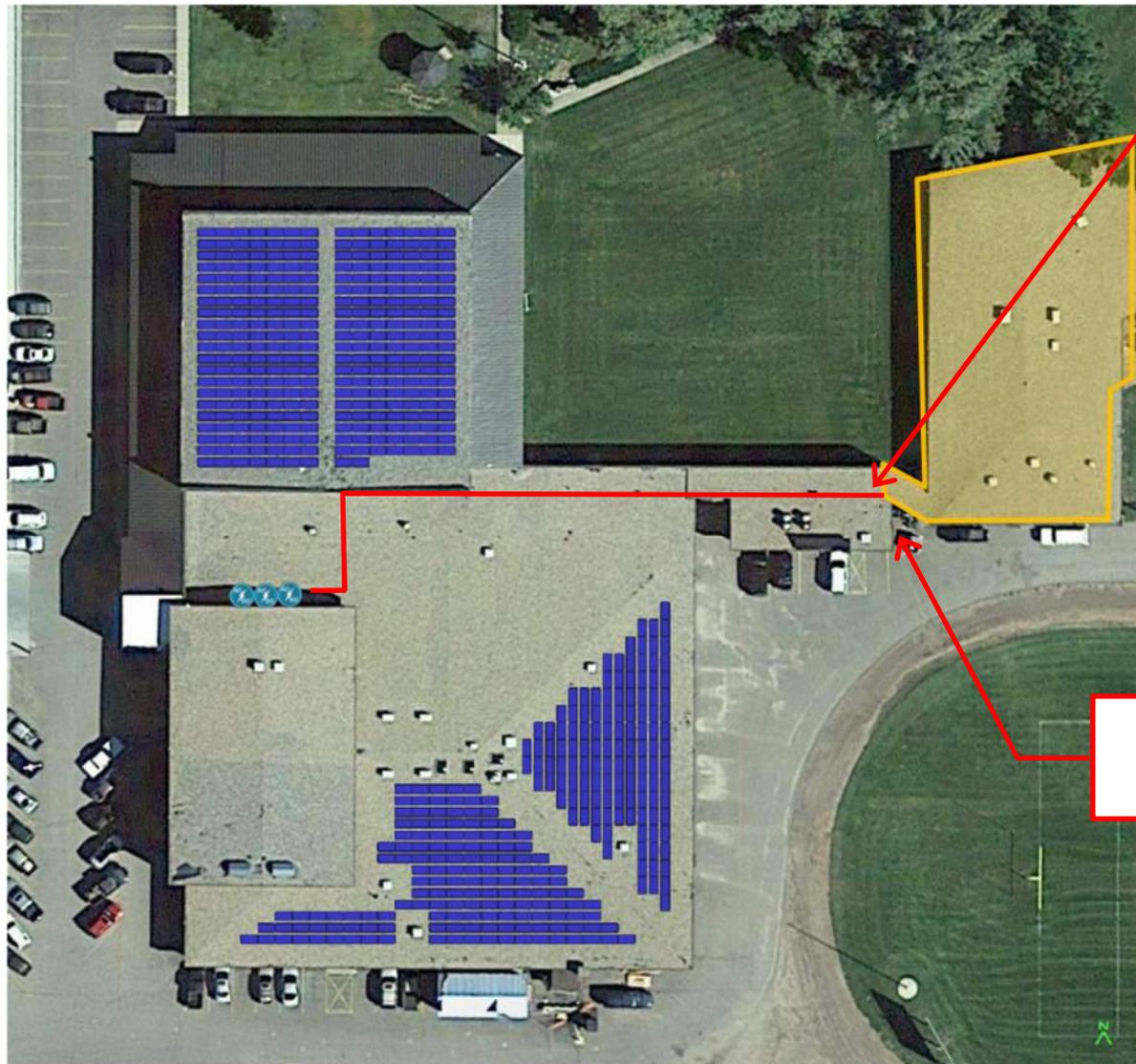
Site Map - Hayden PD



Array Location - Hayden PD



Site Map - Hayden School Redevelopment

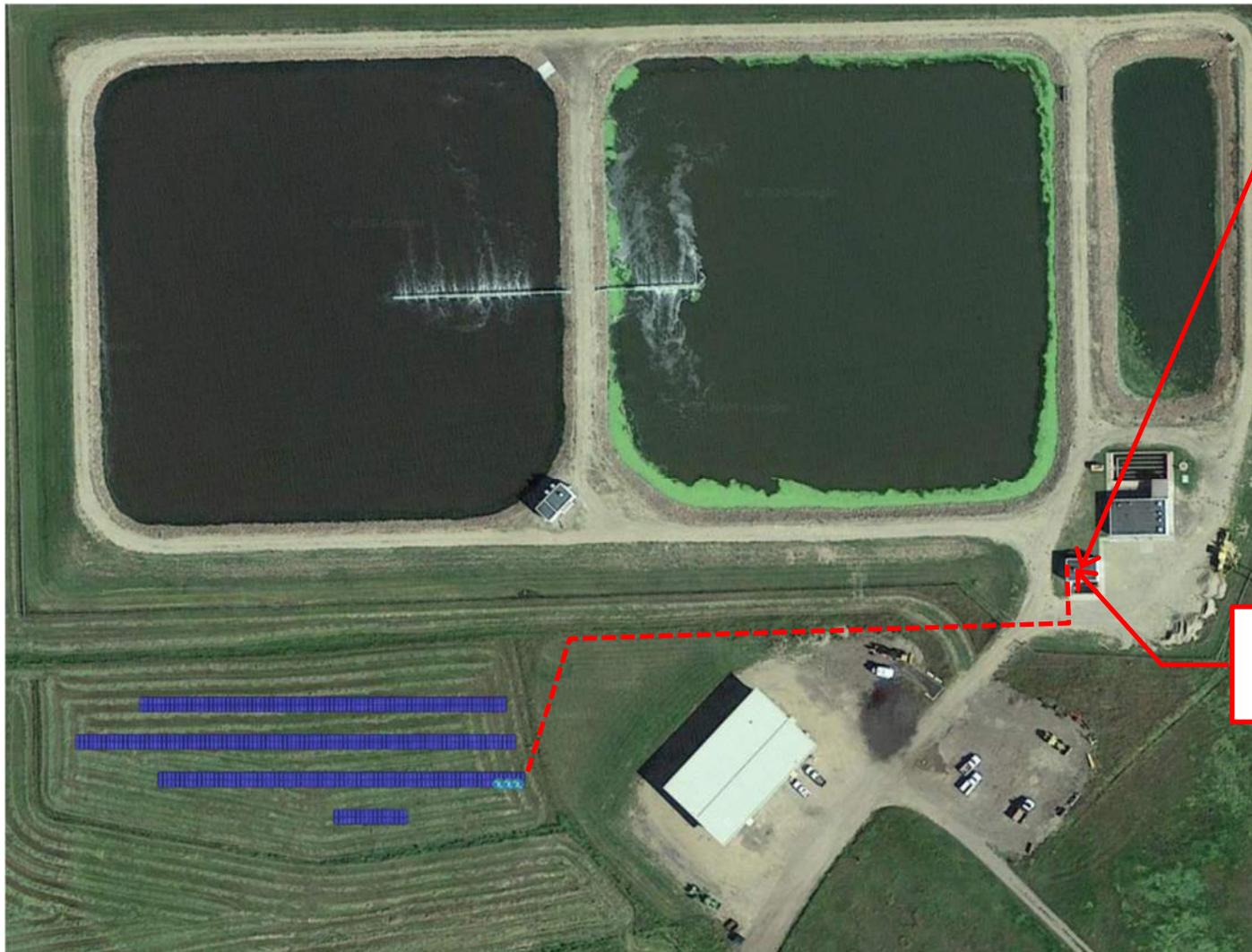


POI

Future
Demolition

Meter &
Disconnect

Site Map - Hayden WWTP



POI

Meter &
Disconnect

Array Location - Hayden WWTP



Array Location - Hayden WWTP



Other Potential Energy Conservation Measures

Project Site Name	Proposed Measure	Annual Energy Savings	Notes
All Town Facilities	Behavior engagement	5-10%	Implementation of an occupant and operator engagement program
All Town Facilities	Retro-commissioning and controls optimization	15-25% (average)	McKinstry engineers can evaluate building operations, and help optimize energy-consuming systems

Resiliency – Hayden PD



- Key Functionality: Backup
- Fuel Source: Diesel w Gel Additive
- System Size:
 - 25kW, assuming 100% load backup
 - ~140 gal fuel tank



(N) Generator

Economic Value

Operational Savings	n/a
Risk Assessment - Avoided Inventory or Revenue Losses	Discussion
Annual Expenses	(\$1,925)
Project Cost	(\$66,855)

Resiliency Value

Overall Reliability: Very High

Outage Coverage: ~48+hrs @ 100% Peak Load (Tier 1)

Transition Time: ATS (8-10 seconds), NFPA Requirement

Resiliency – School Redevelopment



- Key Functionality: Backup
Fuel Source: Diesel w Gel Additive
System Size:
- 200kW
 - ~317 gal fuel tank

Economic Value

Operational Savings	n/a
Risk Assessment - Avoided Inventory or Revenue Losses	Discussion
Annual Expenses	(\$2,660)
Project Cost	(\$203,115)

- Considerations
 - Location TBD

Resiliency Value

Overall Reliability: High

Outage Coverage: ~24+hrs @ 100% Peak Load (Tier 1)

Transition Time: ATS (8-10 seconds), NFPA Requirement

Resiliency – WWTP



Key Functionality: Backup
Fuel Source: Diesel w Gel Additive
System Size:

- 150kW
- ~315 gal fuel tank



(N) Generator

Economic Value

Operational Savings	n/a
Risk Assessment - Avoided Inventory or Revenue Losses	Discussion
Annual Expenses	(\$2,650)
Project Cost	(\$168,390)

Resiliency Value

Overall Reliability: High

Outage Coverage: ~24+hrs @ 100% Peak Load (Tier 1)

Transition Time: ATS (8-10 seconds), NFPA
Requirement

PV Project Economics – Without Resiliency

Total Project Cost:	\$1,033,320
DOLA Grant Funding:	\$254,148
Annual Utility Savings:	\$64,931
Estimated Payback w/out DOLA Grant:	15.91 years
Estimated Payback with DOLA Grant:	12 years
Net Present Value:	\$472,796

Assumptions: 30-year project lifecycle, 100% debt finance, 15-year term, 3% interest, 4% discount rate, includes cost for insurance, O&M and inverter replacement

PV Project Economics – With Resiliency

Total Project Cost:	\$1,084,895
DOLA Grant Funding:	\$542,447
Annual Utility Savings:	\$64,931
Estimated Payback w/out DOLA Grant:	33.78 years
Estimated Payback with DOLA Grant:	16.89 years
Net Present Value:	\$93,583

Assumptions: 30-year project lifecycle, 100% debt finance, 15-year term, 3% interest, 4% discount rate, includes cost for insurance, O&M and inverter replacement

Town of Oak Creek

Project Overview



Project Overview

Partner Name	Project Site Name	System Capacity (kW-DC)	Annual Energy Production (kWh)	Net Energy Offset (%)	PV Application
Town of Oak Creek	Town Hall/Police Station	19.9	26,730	TBD	Ballasted Rooftop

PV Application - Example

Ballasted Rooftop



Site Map



POI

Meter &
Disconnect

Array Location



Main Panel
(Behind Wall)

Other Potential Energy Conservation Measures

Project Site Name	Proposed Measure	Annual Energy Savings	Notes
Oak Creek Town Hall	T8 to LED lighting upgrades	TBD (~40%-60% of lighting loads)	McKinstry can evaluate the opportunities for upgrading lighting; dependent on operations
All Town Facilities	Behavior engagement	5-10%	Implementation of an occupant and operator engagement program

PV Project Economics

Total Project Cost:	\$74,892
DOLA Grant Funding:	\$37,446
Annual Utility Savings:	\$2,049
Estimated Payback w/out DOLA Grant:	36.55 years
Estimated Payback with DOLA Grant:	18.28 years
Net Present Value:	\$12,053

Assumptions: 30-year project lifecycle, 100% debt finance, 15-year term, 3% interest, 4% discount rate, includes cost for insurance, O&M and inverter replacement

Town of Yampa

Project Overview



Project Overview

Partner Name	Project Site Name	System Capacity (kW-DC)	Annual Energy Production (kWh)	Net Energy Offset (%)	PV Application
Town of Yampa	Sewer Treatment Plant	39.8	95,090	~82%	Ground Mount
Town of Yampa	Old Town Hall	11.7	17,390	~100%	Attached Rooftop

PV Applications - Examples

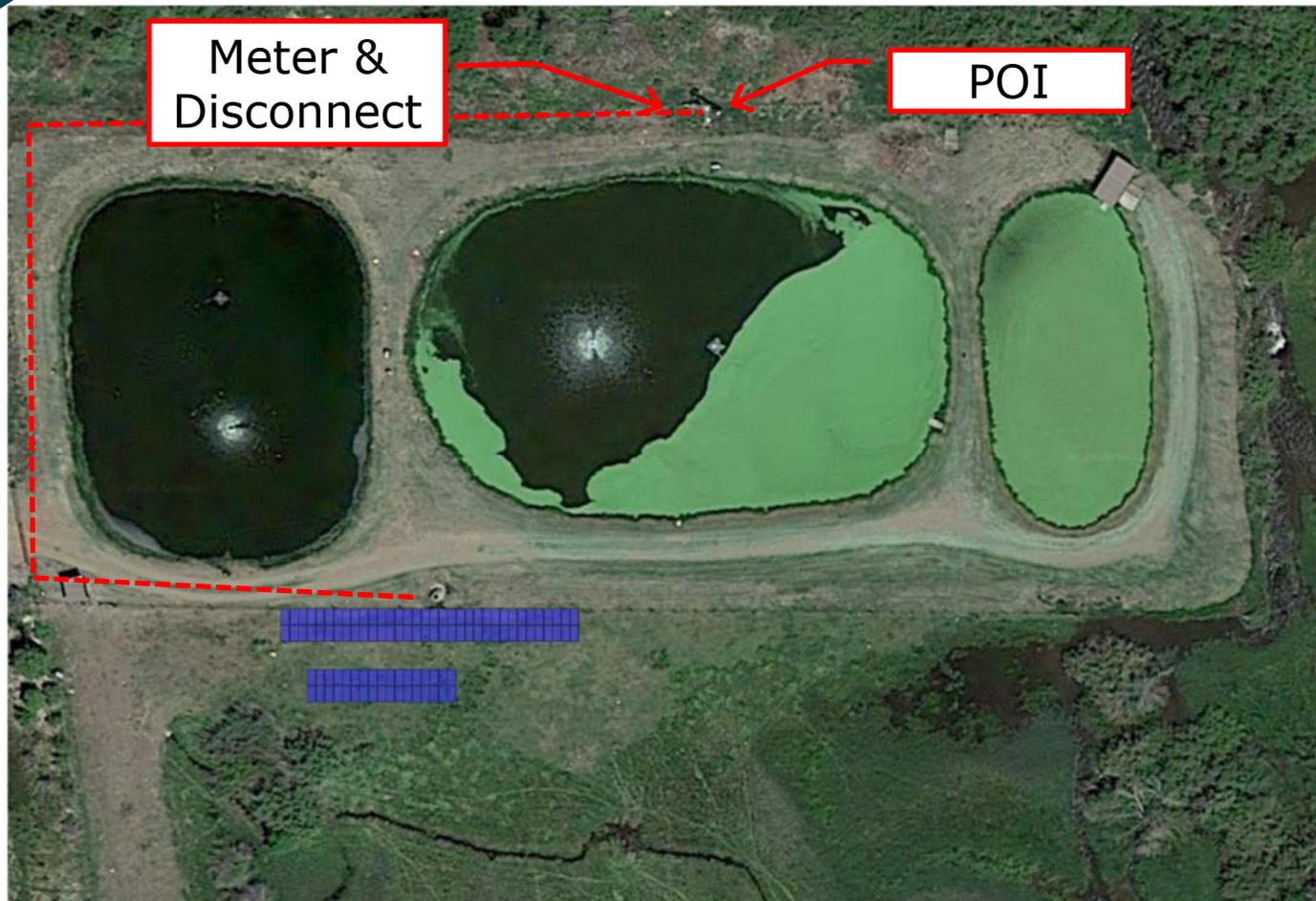
Ground Mount



Attached Rooftop



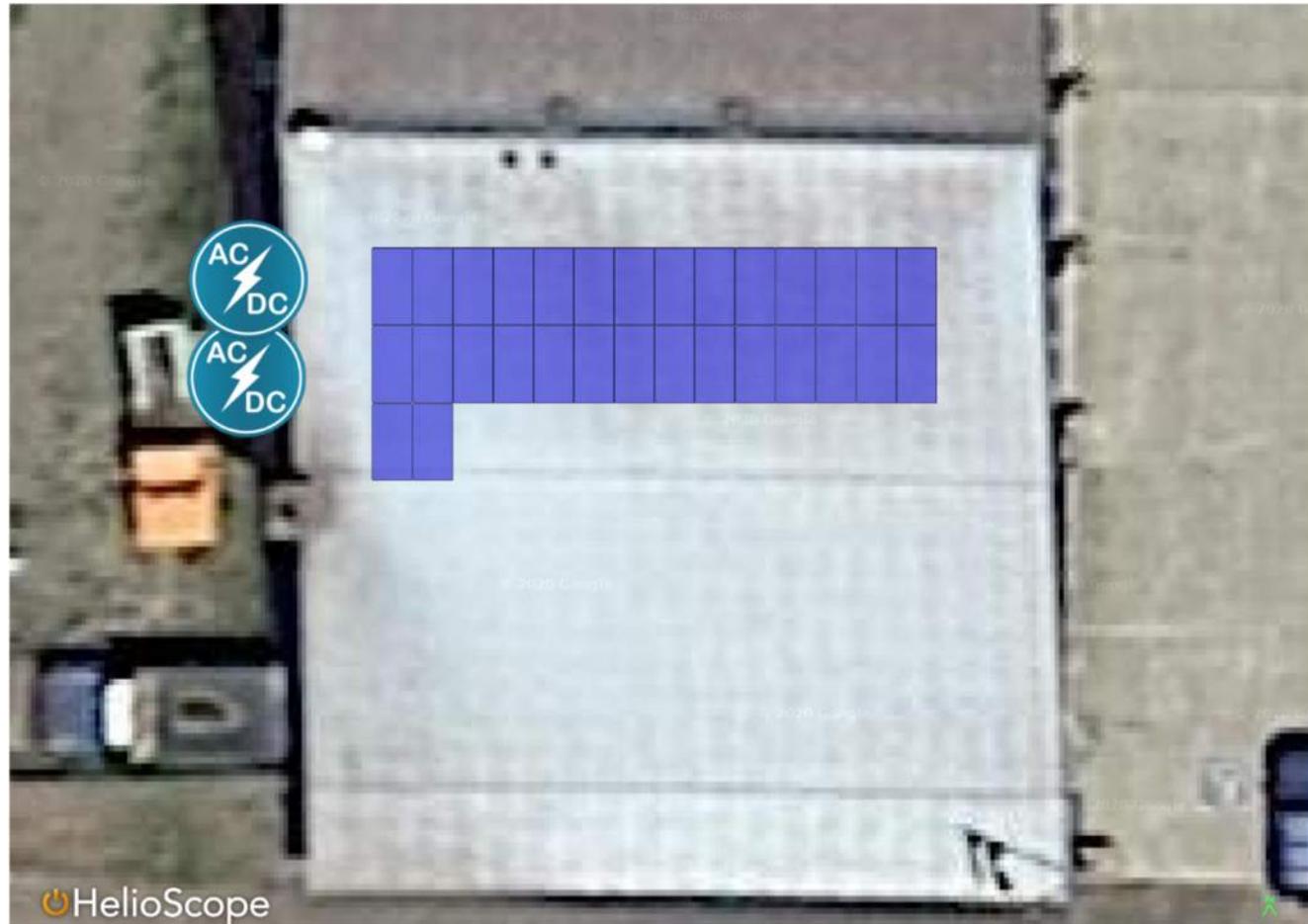
Site Map - Sewer Treatment Plant



Array Location - Sewer Treatment Plant



Site Map - Old Town Hall



Array Location - Old Town Hall



Other Potential Energy Conservation Measures

Project Site Name	Proposed Measure	Annual Energy Savings	Notes
Old Yampa Town Hall	T8 to LED lighting upgrades	TBD (~40%-60% of lighting loads)	McKinstry can evaluate the opportunities for upgrading lighting; dependent on operations
All Town Facilities	Behavior engagement	5-10%	Implementation of an occupant and operator engagement program

Resiliency – STP



- Key Functionality: Backup
- Fuel Source: Diesel w Gel Additive
- System Size:
 - 25kW
 - ~140 gal fuel tank



(N) Generator

Economic Value

Operational Savings	n/a
Risk Assessment - Avoided Inventory or Revenue Losses	Discussion
Annual Expenses	(\$1,930)
Project Cost	(\$69,975)

Resiliency Value

Overall Reliability: Very High

Outage Coverage: ~48+hrs @ 100% Peak Load (Tier 1)

Transition Time: ATS (8-10 seconds), NFPA Requirement

Resiliency – Old Town Hall



- Key Functionality: Backup
- Fuel Source: Diesel w Gel Additive
- System Size:
 - 12kW
 - ~140 gal fuel tank



(N) Generator

Economic Value

Operational Savings	n/a
Risk Assessment - Avoided Inventory or Revenue Losses	Discussion
Annual Expenses	(\$1,930)
Project Cost	(\$39,130)

Resiliency Value

Overall Reliability: Very High

Outage Coverage: ~48+hrs @ 100% Peak Load (Tier 1)

Transition Time: ATS (8-10 seconds), NFPA Requirement

PV Project Economics – Without Resiliency

Total Project Cost:	\$200,518
DOLA Grant Funding:	\$100,259
Annual Utility Savings:	\$6,867
Estimated Payback w/out DOLA Grant:	29.2 years
Estimated Payback with DOLA Grant:	14.6 years
Net Present Value:	\$41,571

Assumptions: 30-year project lifecycle, 100% debt finance, 15-year term, 3% interest, 4% discount rate, includes cost for insurance, O&M and inverter replacement

PV Project Economics – With Resiliency

Total Project Cost:	\$309,620
DOLA Grant Funding:	\$154,810
Annual Utility Savings:	\$6,867
Estimated Payback w/out DOLA Grant:	Capital Measure
Estimated Payback with DOLA Grant:	22.54 years

Assumptions: 30-year project lifecycle, 100% debt finance, 15-year term, 3% interest, 4% discount rate, includes cost for insurance, O&M and inverter replacement

YVRA/HDN Triannual Exercise 2020

Introduction:

Tri-Annual Exercise 2020 is a full-scale exercise that is a comprehensive test intended to evaluate the operational capability of the emergency management system in a stress environment with actual mobilization and deployment to demonstrate coordination and response capability. The FAA requires airports holding a Class 1 Airport Operating Certificate under 14 CFR part 139, to conduct a full-scale airport emergency plan exercise every thirty-six calendar months, commensurate with the index of the airport. This is to ensure all personnel having duties and responsibilities under the plan are familiar with assignments and have the proper training.

Purpose:

The purpose of the exercise plan is to provide all parties involved with the full-scale exercise with information concerning the roles and responsibilities, communication guidelines, and clarification of assumptions, artificialities, and/or simulations.

Exercise Objectives:

1. One of the primary objectives of this exercise is for the airport to respond and begin fire suppression within three minutes of the aircraft mishap, per FAR 139.319 (h) (2) (i).
2. Re-open the runway to allow Life Flight aircraft (medevac) to operate and evacuate patients.
3. Establish medical triage and immediate/basic medical care facility at airport.
4. Provide scene security / access control at airport and surrounding area.
5. Provide timely notification of key personnel.
6. Establish Joint Information Center (JIC), to include public messaging products for Incident Commander, Airport Director and elected officials.
7. Conduct the necessary medical coordination to ensure appropriate medical care in the timeliest manner possible.
8. Activate the necessary functions of the EOC to support Incident Commander's support requirements.
9. Conduct logistics management at airport.

Date:

The full-scale exercise will be August 28th 2020, scheduled to start at 0900 and end at 1100; start and finish times may change based on real-world requirements.

Exercise Scenario:

On August 28th at 0900, XX-595, an E-175 is on a 10-mile final to runway 10. The pilot reports on Unicom that he is having problems with the flight controls and difficulty controlling the aircraft. The pilot declares an emergency and requests a straight-in approach for runway 10. The pilot states there are 4 crew and 36 passengers onboard and approximately 1 hour fuel remaining. The aircraft lands short of runway 10 skidding across Alpha 7 and Alpha 6 connectors and continues down the Alpha taxiway before coming to a stop on the north side of the taxiway. The aircraft breaks up with fire showing around the main fuselage.

Assumptions, Artificialities and Simulations:

Assumptions - the following general assumptions apply to Tri-Annual Exercise 2020

Real world response actions will take priority over exercise actions.

Exercise simulation will be realistic and plausible, containing sufficient detail from which to respond.

- Exercise players will react to the information and situations as they are presented, in the same manner as if this had been a real event.
- The term "Participants" includes Players, Controllers/Evaluators, and Observers.
- Players will respond in accordance with existing plans, policies, and procedures. In the absence of appropriate written instructions, Players will be expected to apply individual initiative to satisfy response requirements.
- Players will have completed necessary training and received appropriate preparatory documents such as the EXPLAN and the Full-Scale Exercise Briefing.

Artificialities - the Exercise Planning Team acknowledges the following artificialities and constraints; however, Participants should accept these artificialities as a means of facilitating accomplishment of exercise objectives:

Exercise communication and coordination will be limited to the participating exercise venues:

- The timeline for this exercise is short and the exercise will remain in real-time; the exercise does not include any time jumps. The exercise planning team acknowledges that an actual event would take place over an extended period of time and operations will need to continue for longer than a two (2) hour period in a real event.
- Agencies may perform a call down/activation/deployment of staff to activate the agency Emergency Operations Plan (EOP) during the exercise
- Some information will be given to all Players at the same time

Simulations - simulation is required to compensate for non-participating individuals or organizations. Simulations provide the means to facilitate exercise play.

ARFF Response:

- Per FAR 139.319 (h) (2) (i) within 3 minutes from the time of alarm, at least one required ARFF response vehicle must reach the midpoint of the farthest runway from its assigned post and begin application of extinguishing agent
- Per FAR 139.319 (h) (2) (ii) within 4 minutes from the time of alarm, all other required vehicles must reach the point specified in paragraph (h) (2) (i) and begin application of extinguishing agent
- Fire extinguishment
- Rescue of victims
- Triage, Treatment and Transport of patients
- Establish and execute ICS roles and responsibilities

West Routt Fire Protection District:

- Fire extinguishment if not completed by ARFF response
- Victims rescue
- Patient Triage, Treatment and Transport
- ARFF truck water/foam re-supply

Other Fire Districts including Craig Fire rescue:

- Victims rescue
- Patient Triage, Treatment and Transport
- Assist with ARFF truck water/foam re-supply

Maintenance:

- Provide scene access and escort of responders
- Help moving of patients after scene safety secured
- Complete Field Condition Report and Inspection of AOA
- Determine if runway and NAVAIDs are usable for fixed wing air ambulance
- Re-supply ARFF trucks with fuel and foam
- Backfill Ops Center (Unicom) and issue NOTAMS as required

Administration:

- Airport Director – direct airport operations and administration; emergency response oversight, liaison to supporting airport organizations and Routt County leadership; safety monitor; PIO oversight and media interface
- Assistant Airport Director – airport and EOC administration; PIO oversight; assist the Airport Director
- Administration Staff – perform real world and exercise admin duties
 - PIO functions, including integration of social media

Law Enforcement:

- Execute roadway closures and restrict access to airport
- Provide scene security and crowd control

Routt County Communications

- Alert responders
- Execute communications plan

Routt County Emergency Management:

- Execute incident check-in and check-out
- Coordinate local Emergency Operations Plans
- Activate Emergency Operations Center or Incident Management Team
- Liaison with EOC personnel, Incident Commander, Airport Administration, VIPs, elected officials and state and federal agencies
- Provide logistics coordinators with assistance in procuring necessary supplies
- Assist agency PIO as necessary

Hospitals:

- Receiving and tracking of patients
- Treatment and transport arrangements to higher level care facility if needed

Janitorial:

- Secure the terminal building
- Clean and maintain the terminal and other airport facilities used during the emergency

Restaurant:

- Food and drink for exercise players

TSA:

- Secure the sterile area of the airport

Security:

- Control and logging of resources at gate 7

0600 Airport ARFF and Maintenance staff to start day.

0615 Start setting up simulator and barricades for closure, Issue NOTAM from 0630 til 1130 to close west Taxiway Alpha from east side Alpha 6 through west side Alpha 4 closing Alpha 5.

0700 Incident scene will be staged with trainer and victims placed before start of exercise.

0800 Exercise safety meeting in upstairs conference room.

- Sign in, handouts, safety meeting, address real world emergency "Real World Emergency"
- Opening remarks from the Airport Director
- Handouts will include map of incident scene, locations of patient transport areas and roadways to be used by responders
- Emergency Response staging at Alpha gate and Roadway

0900 Exercise starts With Routt County Communication announcing Exercise on Routt County Fire 1

- Chris Nichols and Kris Wood will man Ops Center (Unicom) to direct exercise and real world operations:
 - Unicom will advise aircraft operating at HDN of the exercise
 - Example NOTAM closing runway-take screen shot and notes
- Zeb Thomas and Jose Trinidad will manage Alpha Gate access and staging area
- ARFF Response:
 - Engine 9-2 Chris Moore and Brad Reese
 - Engine 9-1 Eric Yager will respond as standby and be available to handle real world emergency
 - Squad 9-3 Shawn Zwak will begin initial triage by getting all the walking wounded from the incident into a safe location away from the scene, until relieved by West Routt than be assigned operations
 - Dustin Williams will establish and maintain incident command and coordinate with IMT
- EOC setup by administration staff
 - Type 4 IMT team to work in EOC
- Law Enforcement will establish scene security - HPD
 - RCSO and CSP will work with HPD to control airport access from Hwy 40

0910 West Routt Fire on-scene:

- Resupply Engine 9-2
- Establish Medical Branch
- JIC and PIO operations will be established in the corner of the conference room
 - First draft of PIO information release
- Request trailer from ARFF bay brought to scene Tim Appel and James Carulos

0915 Triage, Treatment and Transport begins all patient locations will be marked with flags as to location:

- Bus – Leo Duran will transport "green" patients to bag belt 1, entrance will be through security/medical hall door
 - Janitorial staff will help direct walking wounded "Green" patients to bag belt 1

- Medical person to evaluate green patients
- Law Enforcement to interview green patients
- Request Ambulance's move "red" and "yellow" patients to treatment area located in Hangar 1:
 - If ambulance are not available use the F550 and flatbed trailer to move patients to treatment areas
 - As patients are moved to the treatment area David DeMorat will use EM track for patient tracking and training of responders in conjunction with UCHealth
 - Steve Hilley will work with the Salamander system

0930 Todd DuBois to perform Runway inspection for reopening the remaining easterly 9,000 feet of runway for medevac flights

- Example NOTAMs for Runway include what portion of the runway is open for aircraft use, and what portion of the runway is closed. Location of displaced threshold, what type of aircraft the runway is reopened for, take screen shot and notes.
- Black victims will be moved to the Hangar 2 annex which will be the morgue area, when transportation becomes available - Coroner Rob Ryg and assistant control morgue on arrival

10:00

- Fire Suppression and overhaul continue as needed
- Rescue of victims continues until all victims are accounted for and moved to appropriate treatment areas

1100 Exercise Ends

- All Emergency responding equipment placed back in service
- Maintenance will move simulator and barricades, complete FOD check for reopening of taxiway Alpha, ensure NOTAMs for taxiway closure are cancelled

1130 Working lunch and Hot Wash review of exercise

Evaluators/Observers:

Greg Peterson Fire/EMS at incident scene

Dal Leck in EOC

Bryan Rickman EMS and treatment area

YVRA Personnel Assignments:

Kevin Booth – Exercise Controller EOC and PIO functions

Tinneal Gerber – EOC and PIO functions

Administration Staff – Setup EOC, perform PIO, admin, and exercise radio communications tracking functions

Maintenance Staff:

Todd Dubois – Initial response as maintenance rep

Tim Apple / James Carolus – trailers to scene

Bob Keller – Available in terminal or where needed

Travis McCarty – provide oversight near Alpha 4 to maintain safety exercise players and aircraft

Zeb Thomas / Jose Trinidad – Alpha Gate access control and staging

OSS Staff:

Dustin Williams – Incident Command

Shawn Zwak – Squad 9-3 initial triage to gather walking wounded “green” patients will rollover to operations

Chris Moore/ Brad Reese - Engine 9-2 Initial Fire Attack, stay at scene, after fire is called extinguished
Chris will stay with truck and Brad will assist moving patients

Eric Yager – Engine 9-1 Standby to assist Engine 9-2 as needed and available to respond real world emergency

Chris Nichols / Kris Woods – man the Ops Center (Unicom), issue needed NOTAMs, direct real world and exercise airport operations

Participating Agencies:

Yampa Valley Regional Airport
Contact: Kevin Booth, Airport Director

(970) 276-5004

Contact: Dustin Williams, Operations, Safety and Security Superintendent (OSS)

(970) 276-5010

West Routt Fire Protection District

Contact: Trevor Guire, Fire Chief

(970) 276-3511

Routt County Office of Emergency Management

Contact: David "Mo" DeMorat, Emergency Operations Director

(970) 870-5551

UCHealth Yampa Valley Medical Center

Contact: Eli Nykamp

(970) 870-1184

Memorial Regional Health

Contact: Steve Hilley R.N.

(970) 826-2454

Routt County Communications

Contact: Jason Nettles

(970) 879-1110

Steamboat Springs Fire Rescue

Contact: Chuck Cerasoli, Interim Fire Chief

(970) 879-7170

Oak Creek Fire Rescue

Contact: Chuck Wisecup, Fire Chief

(970) 736-8104

Yampa Fire Protection District

Contact: Machia Cox, Fire Chief

(970) 638-4227

North Routt Fire Protection District

Contact: Mike Swinsick, Fire Chief

(970) 879-6064