



Historic Preservation Board

Amy Adkins
Al Mowrer

Kathy Kvasnicka, Chair

Penny Rankin, Vice-Chairperson
Ginny White
Vacancy

Historic Preservation Board Agenda

Regular Meeting

Fort Lupton City Hall – 130 S. McKinley Ave.

Thursday, November 4, 2021 – 6:00 P.M.

(Order & Contents Subject to Change by Action of the Historic Board)

Call to Order – Roll Call

Approval of Agenda

Consent Agenda – Consent Agenda items are considered to be routine and will be enacted by one motion and vote. There will be no separate discussion of Consent Agenda items unless a member so requests, in which case the item may be removed from the Consent Agenda and considered at the end of Discussion Items.

- a. Approval of the Minutes of the October 21, 2021 Meeting

Public and Visitor Input – This portion of the Agenda is provided to allow members of the audience to present comments to the Board. The Board may not respond to your comments this evening, rather they may take your comments and suggestions under advisement or your question may be directed to the appropriate staff member for follow-up.

Action Items

- a. HAM2021-008: Request for Report of Acceptability for Seymour and Birdie Rhode House at 149 Denver Avenue
- b. HAM2021-009: Section 106 Review on Brantner Ditch Project

Discussion Items

- a. Historic Home Tour

Future Business

- a. Next Board Meeting on December 2, 2021

Adjourn

**RECORD OF PROCEEDINGS
FORT LUPTON HISTORIC PRESERVATION BOARD
October 21, 2021**

The Historic Preservation Board of the City of Fort Lupton met in session at the City Hall, 130 South McKinley Ave., the regular meeting place of the Historic Preservation Board and virtually via GoToMeeting, on October 21, 2021. Chair Kathy Kvasnicka called the meeting to order at 6:12 pm.

ROLL CALL

Those present were Chair Kathy Kvasnicka, Vice-Chair Penny Rankin, Members Amy Adkins, Al Mowrer and Ginny White. Also present were Planning Director Todd Hodges, City Planner Maria Lancto and Administrative Assistant Magaly Morales-Tejada.

APPROVAL OF THE AGENDA

Al Mowrer made a motion to approve the agenda and Penny Rankin seconded.
Motion passed unanimously.

APPROVAL OF THE CONSENT AGENDA

Ginny White motioned to approve the consent agenda and Al Mowrer seconded.
Motion passed unanimously.

PUBLIC AND VISITOR INPUT

It was noted that there were no members of the public to make comments not otherwise related to the agenda; the public comment portion was closed.

ACTION ITEM

HAM2021-007 Request for Report of Acceptability for Seymour and Birdie Rhode House at 149 Denver Ave.

Director Hodges presented this item. He stated that this report of acceptability was for the addition of a patio cover to the previously approved patio on the north side of the building. Staff has concerns on the lack of materials provided for review; additional materials were provided a few hours prior to the meeting and are included in the Board's packets. Hodges read staff comments on Secretary of Interior Standard No. 9 of the Standards for Rehabilitation, which stated that "Spatial relationships will be affected by the addition of the patio cover. The work will be differentiated from the original structure. Nothing submitted to describe materials the applicant will be using, as well as size, scale and proportion, massing. The Board should clarify this information with the applicant." The board has two options - to do a conceptual review with the provided application and request additional information or move to final review and either approve or deny the request as presented. This project will require building permits, which will not be released until the Board makes a decision. The applicant is present to answer any questions.

Chair Kvasnicka asked the applicant, Salvador Flores, if he would like to present anything to the Board on behalf of his application.

Mr. Flores stated no. He stated that he would just like to know what else needs to be done in order to receive approval. He also mentioned other projects that he wants to do in the home, including window replacements.

**RECORD OF PROCEEDINGS
FORT LUPTON HISTORIC PRESERVATION BOARD
October 21, 2021**

Member Mowrer asked for clarification on the roof and whether it would be open like a pergola or a covered roof.

Mr. Flores stated that it would be covered. He was unsure what the material that he would be using is called.

Member Mowrer asked if he had information on the snow load of the proposed roof material.

Mr. Flores stated no.

Member Mowrer asked for clarification on the location of the posts as it was unclear in the site plan. He asked if the posts would be on the outside of the brick.

Mr. Flores stated yes, he then showed a relative location on the pictures provided to the Board.

Member Mowrer asked Director Hodges what additional requirements were needed for the building department and if the submitted drawings are clear enough for the building department to issue a permit.

Director Hodges stated that the building department would need more information on the proposed roof and clearer drawings depicting the location of the posts.

After Board discussion, Chair Kvasnicka proposed that this be a conceptual review and that the applicant provide more information on the materials, color and any additional information that may be required by the building department.

Mr. Flores added that they would be using cedar but did not clarify what stain color would be used.

Member Mowrer requested that the applicant provide a sample or pictures of the roofing materials for the Board to review.

With no further discussion, Al Mowrer moved to conceptually review the application as presented and request that the applicant submit additional information on color, material, snow load and any additional materials required by the building department for a final review. Ginny White seconded and the motion passed unanimously.

DISCUSSION ITEMS

Budget Discussion

Staff presented the 2022 overall Board budget and discussion occurred on the budget for Board training and special events.

PUBLIC AND VISITOR INPUT

**RECORD OF PROCEEDINGS
FORT LUPTON HISTORIC PRESERVATION BOARD
October 21, 2021**

It was noted that there was now a member of the public with comments not related to agenda items and Chair Kvasnicka requested to allow for public comment before moving forward with the remaining discussion items.

Melissa Rickman, owner of the St. John Building, stated that she would like to explain to the Board the change in exterior color from what was approved – this was a last minute decision due to the approved color highlighting many imperfections on the building. Ms. Rickman also provided the Board with a brief update on the progress being made throughout the rest of the building and invited the Board to stop by and provide input on the restoration of the original St. John's sign.

DISCUSSION ITEMS

Change of Meeting Discussion

After brief discussion, Al Mowrer made a motion to change the meeting time from 6:15 PM to 6:00 PM. Ginny White seconded. Motion passed unanimously.

Cemetery Walk Recap

Staff gave a recap of the 2021 Cemetery Walk. The walk was held during Trapper Days and was a self-guided event with 3 re-enactors and about 40 participants.

Member Ginny White stated that she was happy with the event but that she would've liked to see more re-enactors.

Chair Kvasnicka stated she liked the self-guided aspect and thinks it should be used for future walks. Having the event during Trapper Days provided the shuttle for people to visit the walk but many of the board members had other commitments during Trapper Days. There were about the same amount of visitors as past years.

FUTURE BUSINESS

Next Board meeting on November 4, 2021 at 6:00 pm.

ADJOURN

Chair Kathy Kvasnicka adjourned the meeting at 6:49 pm.

Submitted by

Magaly Morales-Tejada, Planning Assistant

Approved by Historic Preservation Board

Kathy Kvasnicka, Chair

HAM 2021-008

CONSIDER A REQUEST FOR REPORT OF ACCEPTABILITY FOR THE SEYMOUR AND BIRDIE RHODE HOUSE (149 DENVER AVENUE) FOR A COVERED PATIO

- I. **Agenda Date:** Board Meeting – November 4, 2021
- II. **Attachments:**
- A. Request for Report of Acceptability & Attachments
 - B. Architectural Inventory Form
 - C. Exhibit A to this HAM: Standards for Rehabilitation & Guidelines for Rehabilitating Historic Buildings Applicable to the Patio Addition.

III. **Issue/Request:**

On May 13, 2008, the Fort Lupton City Council approved the historical designation of the Seymour and Birdie Rhode House at 149 Denver Avenue. Exterior work to historically designated properties within the City requires prior approval from the Historic Preservation Board, as regulated by Article XVII of Chapter 18 to the Municipal Code.

On June 3, 2021, the Historic Preservation Board approved the conversion of an ADA ramp on the northern portion of the residence to a patio.

On October 21, 2021 the Historic Preservation Board conceptually reviewed the request for a patio cover for the concrete patio and determined that additional information was needed to move to final review.

The owner of the Seymour and Birdie Rhode House, Salvador Flores, has submitted additional materials for a final review of a patio cover for the concrete patio. The patio cover would be placed above the patio addition that was approved by the Historic Preservation Board on the eastern elevation of the property. The proposed work requires a building permit. Please see Section VI. Legal / Political Considerations of this document for further information on requirements prior to permitting exterior work to historic sites within the City of Fort Lupton.

Additional information on this proposed work is attached for your reference.

VI. **Legal / Political Considerations:**

Pursuant to Section 18-354 of the Municipal Code, a report of acceptability is required prior to work requiring a building permit for the alteration or reconstruction of or addition to the exterior of any improvement which constitutes all or part of a historic site.

The proposed work requires building permits and therefore qualifies for review under the following two phase review:

(1) Conceptual review. Conceptual review is an opportunity for applicants to discuss requirements, standards and policies that apply to historic sites...Problems can be identified and solved prior to final review of the application. After review of the application by the Historic Preservation Board, the Planning Commission shall furnish the applicant with written comments regarding the conceptual review. Conceptual approval of any proposed work may be limited to certain portions of the work as deemed appropriate by the Board. Conceptual approval does not guarantee final approval of proposed work. If upon review of proposed work, the Board determines that conceptual review is not necessary given the absence of a significant impact on the historic site,...it may be waived by the Board and the Board may then proceed to consider the proposed work on final review at the same meeting.

If the Board chooses to waive conceptual review and go directly to final review, then:

(2) Final review. If an application or parts thereof are conceptually approved, it shall be finally reviewed by the Historic Preservation Board at a subsequent meeting of the Board. During final review, the Board shall consider the application or parts thereof that have received conceptual approval and any changes made by the applicant since conceptual review.

Pursuant to Section 18-354 of the Municipal Code that addresses work requiring a building permit on a historic site:

(a) Action on an application for a building permit, including any permit for demolition of a building, shall be deferred by the Building Inspector except as provided in Section 18-359 [relating to remedying of dangerous conditions], until the application is accompanied by a report of acceptability from the Historic Preservation Board for the proposed work when the proposed work involves the following:

(1) Alteration or reconstruction of or addition to the exterior of any improvement which constitutes all or part of a historic site;

(2) Demolition or relocation of any improvement or object which constitutes all or part of a historic site; or

(3) Construction or erection of or addition to any improvement upon any land included on a historic site.

The Board should then take into consideration each of the following criteria when determining whether to approve the proposal:

- 1. The effect of the proposed work upon the general historical and/or architectural character of the historical site, landmark or district;*
- 2. The architectural style, arrangement, texture and materials of existing and proposed structures and their relation to the structures in the district;*

3. *The effects of the proposed work in creating, changing or destroying the exterior architectural features of the structure upon which such work is to be done;*
4. *The effect of the proposed work upon the protection, enhancement, perpetuation and use of the historic site or district;*
5. *The Standards for Rehabilitation and Guidelines for Rehabilitating Historic Buildings (see Exhibit A to this Memorandum for applicable standards); and*
6. *Such additional criteria, as established by the Historic Preservation Board, which it deems to be in the best interests of the City.*

VII. Alternatives/Options:

The Board has the following options:

1. *Approve the request for report of acceptability, or approve with conditions;*
2. *Do not approve the request for report of acceptability;*
3. *Delay a decision in order to request additional information.*

VIII. Financial Considerations:

None.

IX. Staff Recommendation:

The Board conducted a conceptual review of the proposed patio cover at the October 21, 2021 meeting and requested additional information. The application was not conceptually approved during that meeting, therefore staff has determined the Board must now make a determination if this review requires conceptual and final review, or should go directly to final review. Additional information has been received on the project material, although additional information on appearance, color, or size may be necessary.

Staff has provided comments under Exhibit A of this Memorandum regarding the proposal for the patio cover. The proposed patio cover is located on the northern side of the property, which is located off of 2nd Street and is therefore located on an elevation that is highly visible to the public. Staff has concerns that continued alterations to the property that are not consistent with the period of construction (1902) and/or the architectural style (Late Victorian/Queen Anne) will affect the historic integrity of the property.

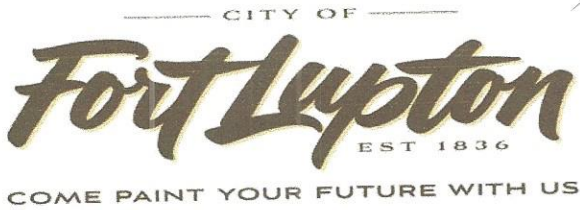
Staff recommends that the Historic Preservation Board review the Standards for Rehabilitation and Guidelines that are attached as Exhibit A to this Memorandum. The complete set of Guidelines can be found at <http://bit.ly/soiguideelines>. It is recommended to also review these prior to the meeting.

EXHIBIT A
STANDARDS FOR REHABILITATION & GUIDELINES FOR REHABILITATING HISTORIC BUILDINGS APPLICABLE TO THE PROPOSED PROJECT

STANDARDS FOR REHABILITATION		
	STANDARD	STAFF COMMENT
1.	A property will be used as it was historically or be given a new use that requires minimal change to its distinctive materials, features, spaces and spatial relationships.	The historic and current use are both residential. Therefore this standard conforms.
2.	The historic character of a property will be retained and preserved. The removal of distinctive materials or alteration of features, spaces and spatial relationships that characterize the property will be avoided.	The addition of a patio roof made of metal material will likely affect the historic character of the property.
3.	Each property will be recognized as a physical record of its time, place and use. Changes that create a false sense of historical development, such as adding conjectural features or elements from other historic properties, will not be undertaken.	N/A.
4.	Change to a property that have acquired historic significance in their own right will be retained and preserved.	N/A.
5.	Distinctive materials, features, finishes, and construction techniques or examples of craftsmanship that characterize a property will be preserved.	Uncertain on this and the Board may want to clarify with the applicant.
6.	Deteriorated historic features will be repaired rather than replaced. Where the severity of deterioration requires replacement of a distinctive feature, the new feature will match the old in design, color, texture and, where possible, materials. Replacement of missing features will be substantiated by documentary and physical evidence.	N/A.
7.	Chemical or physical treatments, if appropriate, will be undertaken using the gentlest means possible. Treatments that cause damage to historic materials will not be used.	N/A.
8.	Archeological resources will be protected and preserved in place. If such resources must be disturbed, mitigation measures will be undertaken.	N/A.
9.	New additions, exterior alterations, or related new construction will not destroy historic materials, features, and spatial relationships that characterize the property. The new work will be differentiated from the old and will be compatible with the historic materials, features, size, scale and proportion, and massing to protect the integrity of the property and its environment.	Spatial relationships will be affected by the addition of the patio cover. The work will be differentiated from the original structure. The proposed work will be clearly differentiated from the old, however the metal roof material will not be compatible with the historic materials to protect the integrity of the property. Information on size, scale and proportion is still unclear and the Board may wish to ask for more information.
10.	New additions and adjacent or related new construction will be undertaken in such a manner that, if removed in the future, the essential form and integrity of the historic property and its environment would be unimpaired.	Uncertain on this and the Board may want to clarify with the applicant.

Guidelines for Rehabilitation Relevant to the Project:

Recommended	Not Recommended
Roofs	
Designing rooftop additions, elevator or stair towers, decks or terraces, dormers, or skylights when required by a new or continuing use so that they are inconspicuous and minimally visible on the site and from the public right-of-way and do not damage or obscure the historic character-defining historic features.	Changing a character-defining roof form, or damaging or destroying character-defining roofing material as a result of an incompatible rooftop addition or improperly-installed or highly-visible mechanical equipment.
Entrances and Porches	
Designing and constructing additional entrances or porches on secondary elevations when required for the new use in a manner that preserves the historic character of the building (i.e., ensuring that the new entrance or porch is clearly subordinate to historic primary entrances or porches.	Constructing secondary or service entrances and porches that are incompatible in size and scale or detailing with the historic building or that obscure, damage, or destroy character-defining features.



Planning & Building

130 S. McKinley Avenue
Fort Lupton, CO 80621
www.fortlupton.org

Phone: 303.857.6694
Fax: 303.857.0351

Request for Report of Acceptability for a
Historically Designated Property

The City of Fort Lupton is proud of its unique history and its historically designated properties. Therefore, the Municipal Code requires review by the Historic Preservation Board prior to any exterior alterations or demolitions to historically designated properties, and approval of a Report of Acceptability. To find out if your property is historically designated, visit bit.ly/FLDesignation or call 720.466.6128 for the register of designations within the City. To obtain a Report of Acceptability, submit this fully completed form and any required attachments to the Planning Department at planningdept@fortlupton.org or delivering it to City Hall at 130 S. McKinley Avenue, Fort Lupton, Colorado 80621. More information on the process is included in the attached Instructions for Submitting a Request for Report of Acceptability.

A. CONTACT INFORMATION

- 1) Property Owner: Salvador Flores
Company: _____
Phone: 720-472-8795 Email: salvadorflores999@gmail.com
Address: 149 Denver Ave Fort Lupton , CO 80621
Preferred method of contact? Email: ☒ Phone: ☒ Mail: ☐

B. SITE DESCRIPTION

- 1) Site Address: 149 Denver Ave Fort Lupton, CO 80621
2) Parcel Number: 147106132013
3) Historic Building Name: Seymour & Birdie Rhode House

C. PROJECT DESCRIPTION

- 1) Please provide a short description of the proposed project in the space provided below:
I want to add to my deck permit # 21FTL-00296-R a carport (patio cealing)
which I forgot to draw in the original permit

- 2) Is a building permit required? (Contact the Building Department at 303.857.6694 with questions.)
Yes ☒ No ☐
- 4) If the project does require a building permit, have you submitted a completed building permit application to the Building Department? This is required prior to submitting a Request for Report of Acceptability.
Yes ☒ No ☐
- 5) Is the project requesting to demolish a historically designated structure?
Yes ☐ No ☒

D. SUBMITTAL CHECKLIST

The following documents be submitted with a fully completed Request:

- ☐ If the work requires a building permit, or is a request to demolish a building, the building permit and/or demolition permit and all attachments to the permit(s) must be included;
- ☐ Sketches, plans and any other documents required by the Historic Preservation Board, including paint color samples, and photos of all sides of the building that changes are being made to; and
- ☐ A narrative that describes the project. It is recommended that the narrative address the following items that the Historic Preservation Board must consider when making its final determination on whether to approve the Request:
 1. whether the work will erode the authenticity or destroy any distinctive exterior feature of the building;
 2. whether the work is compatible with the distinctive characteristics of the historic site; and
 3. whether the work is in the spirit of the Article XVII, Chapter 18 of the Fort Lupton Municipal Code.

E. PROPERTY OWNER CERTIFICATION(S)

I hereby certify that I am the legal owner of record of the property that is the subject of this application. I further certify that all information submitted with this application is true and accurate to the best of my knowledge.

Owner: Salvador Flores Date: 10-5-2021

For Office Use Only

Received Date: _____

If the application is not complete, state reasons why it is incomplete:

Conceptual Review ☐

Final Review ☐

Conceptual Review Waived ☐

Scheduled Meeting Date: _____

Instructions for Submitting a Request for Report of Acceptability

DEFINITIONS

Words in the singular include the plural and words in the plural include the singular.

Application refers to the official submittal to the City of Fort Lupton's Planning Department for review of the proposed project identified in the Request for Report of Acceptability. The application includes the form, all materials submitted for review of the project, including those documents required under the Building Regulations of the Municipal Code, and any additional information provided.

Project refers to the exterior changes identified in the application and application materials.

Property refers to the land that is being proposed for exterior changes as described in the Request for Report of Acceptability and application materials.

Request means the Request for Report of Acceptability.

A. CONTACT INFORMATION

Provide contact information for all owners of any property that is the subject of the application. If the contact information for all property owners will not fit on the space provided, submit a separate sheet for the additional owners.

B. SITE DESCRIPTION

Provide all information requested. Parcel numbers and address information may be found at the Weld County Property Portal at <https://www.co.weld.co.us/maps1/propertyportal/>. Information on the historic name of the building can be found on the chart titled Fort Lupton Designation Register at bit.ly/FLDesignation.

C. PROJECT DESCRIPTION

Please provide a description of what proposed exterior changes that the project entails. If you need more space for the project description, please attach a separate sheet.

State if the proposed changes require a building permit or a demolition permit. If you are unsure, please contact the Building Department at 303.857.6694. If a permit is required, it must be submitted to the Building Department prior to submitting a Report of Acceptability.

D. SUBMITTAL CHECKLIST AND PROCESS

For an application to be considered complete, and for planning staff to schedule a meeting before the Historic Preservation Board, this Request must be fully completed and all required attachments included. You may submit the fully completed form and required attachments to the Planning Department at planningdept@fortlupton.org or delivering it to City Hall at 130 S. McKinley Avenue, Fort Lupton, Colorado 80621.

No permit will be released by the Building Inspector until a Report of Acceptability has been obtained for the following work:

- 1) Alteration or reconstruction of, or addition to, the exterior of any improvement which constitutes all or part of a historic site;
- 2) Demolition or relocation of any improvement or object which constitutes all or part of a historic site; or
- 3) Construction or erection of, or addition to, any improvement upon any land included on a historic site.

Planning staff will review the application for completeness and provide notice to the applicant whether the application has been deemed complete. Once the application is deemed complete, Planning staff will schedule the project for a meeting before the Historic Preservation Board. The applicant must attend the meeting to present their proposed project to the Historic Preservation Board.

E. PROPERTY OWNER CERTIFICATION(S)

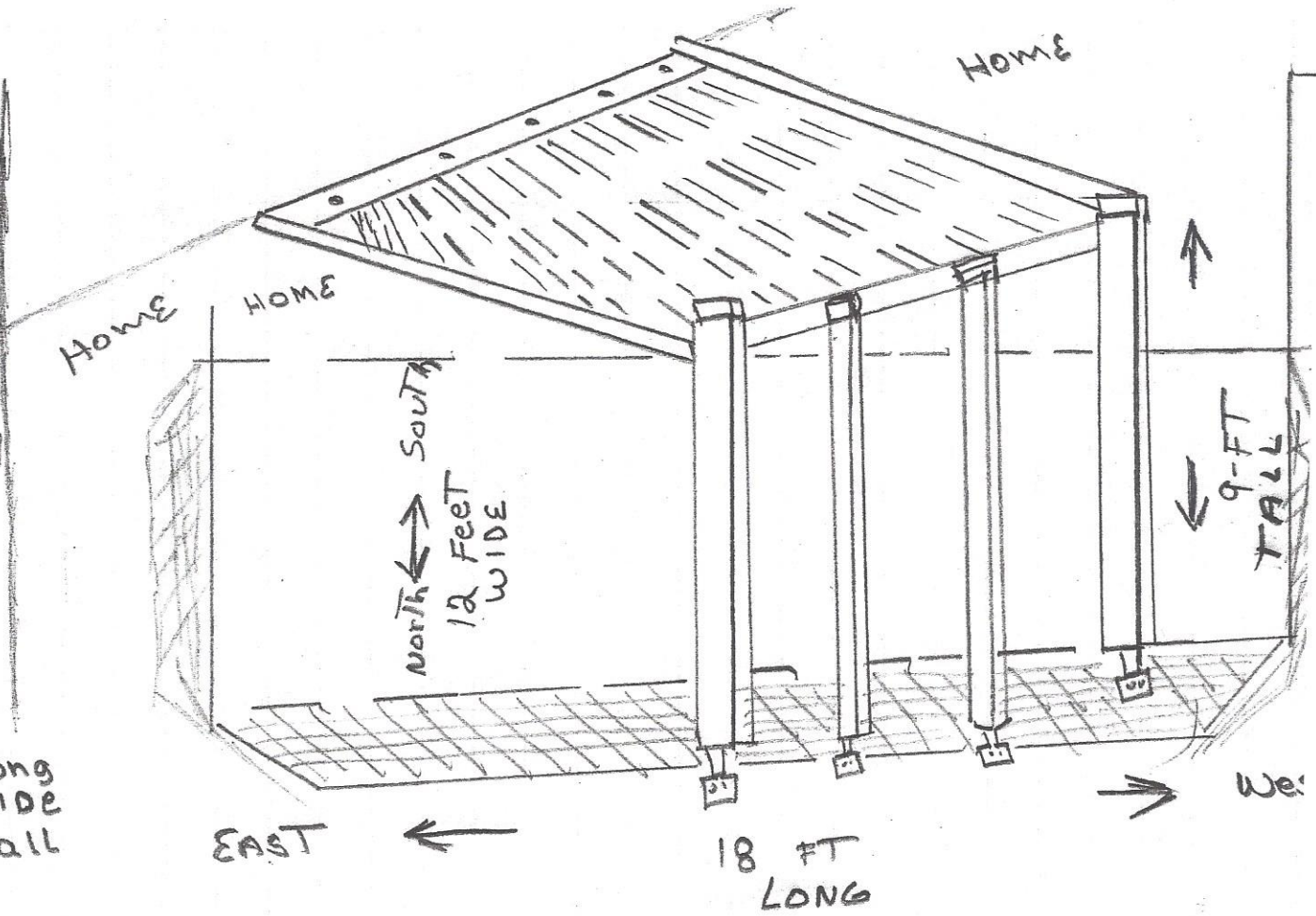
Provide the signature of all owners of properties included in the application in this section.

For any other questions, please contact the Planning Department at 303.857.6694 or planningdept@fortlupton.org.

Salvador
Flores

149
denver
Ave.
FT
Lupton
Co 80621
10-5-21

18 - Long
12 - wide
9 - Tall















◀ Gmail



From: [1.1](#)
To: [Shannon DeVries](#); [Magaly Morales-Tejada](#); [Alyssa Knutson](#)
Subject: Re: Report of Acceptability and Building Permit
Date: Monday, November 1, 2021 2:51:22 PM
Attachments: [image001.png](#)

Good afternoon ladies

this is the sheet roof that we want to use for the patio, the 4 poles are 6x6 will be outside of the fence and Salvador will be putting clear gloss over the poles to protect them from the weather

Thank you

On Tue, Oct 5, 2021 at 11:31 AM Shannon DeVries <SDevries@fortluptonco.gov> wrote:

Afternoon Sal,

Magaly has forwarded on your building permit information. I am a little confused on what you are wanting to do. Are you doing a patio cover or a carport or both?

I have provided a list below of what is needed for a carport or patio cover permit. Please submit the appropriate paperwork for whichever project you are applying for, and keep in mind incomplete applications are not accepted.

Patio cover-

- Application (attached) or cascade entry
- 2012 ICC Building Guide- Attached
- Site Plan, labeling existing buildings, dimensions of patio and distance from property lines.

Carport-

- Application (attached) or cascade entry
- 2012 ICC Building Guide- Attached
- Site Plan, labeling existing buildings, dimensions of carport and distance from property lines.
- ILC- We have one on file.

- Take note if carport is detached it needs to be 10' from main dwelling/garage.

If you have any additional questions let us know.

Shannon De Vries, Planning Technician

City of Fort Lupton

130 S. McKinley Ave.

Fort Lupton, CO 80621

720.466.6104

Shannon De Vries, Planning Technician

City of Fort Lupton

130 S. McKinley Ave.

Fort Lupton, CO 80621

720.466.6104

From: Magaly Morales-Tejada <MMTejada@Fortluptonco.gov>

Sent: Tuesday, October 5, 2021 10:34 AM

To: Alyssa Knutson <AKnutson@Fortluptonco.gov>

Cc: Shannon DeVries <SDevries@Fortluptonco.gov>

Subject: FW: Report of Acceptability and Building Permit

Here is the Flores' submittal for the deck cover. The combined file is saved to the G:Drive

Magaly Morales-Tejada

Planning assistant

130 S. McKinley Ave.

Fort Lupton, CO 80621

Direct: 720-466-6111



From: 1 1 <salvadorflores999@gmail.com>

Sent: Tuesday, October 5, 2021 10:20 AM

To: Magaly Morales-Tejada <MMTejada@fortluptonco.gov>

Subject: Re: Report of Acceptability and Building Permit

Good Morning Magaly

Here is the information you requested to add the patio top to the deck

Thank you so much for your time on this matter

Esmeralda Flores 720-333-0144

On Mon, Oct 4, 2021 at 1:46 PM Magaly Morales-Tejada <MMTejada@fortluptonco.gov> wrote:

Salvador,

Hable con Alyssa, lo podemos agregar a la junta de este jueves si nos regresa el formulario y las fotos que van a presentar antes de mañana a medio día. Esto me lo puede mandar a este correo electrónico o lo puede traer a City Hall. Para aplicar por el permiso de construcción con el Building department puede llenar la información en línea en la página de Cascade
[fortlupton.cascadesoftware.net](https://fortlupton.cascadesoftware.net/Permit/Create?jurisdictionId=fde9d210-ab60-48e3-b591-ac05013b42df) <<https://fortlupton.cascadesoftware.net/Permit/Create?jurisdictionId=fde9d210-ab60-48e3-b591-ac05013b42df>>, aquí puede subir su plano y cualquier otra cosa que se necesite.

Gracias,

Magaly Morales-Tejada
Planning assistant
130 S. McKinley Ave.

Fort Lupton, CO 80621
Direct: 720-466-6111
[cid:image001.png@01D7B925.6A258010]

The information transmitted is intended only for the person or entity to which it is addressed and may contain CONFIDENTIAL material. If you receive this information in error, please delete or destroy the information.



Official Eligibility Determination
(OAHP use only)

Date _____ Initials _____
_____ Determined Eligible- NR
_____ Determined Not Eligible- NR
_____ Determined Eligible- SR
_____ Determined Not Eligible- SR
_____ Need Data
_____ Contributes to eligible NR District
_____ Noncontributing to eligible NR District

Colorado Cultural Resource Survey

Architectural Inventory Form

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I. Identification

1. Resource Number: **5WL5646**
2. Temporary Resource Number: **Not Applicable**
3. County: **Weld**
4. City: **Fort Lupton**
5. Historic Building Name: **Seymour & Birdie Rhode House**
6. Current Building Name: **Flores House / Maria's Beauty Salon**
7. Building Address: **149 Denver Ave.
Fort Lupton, CO 80621**
8. Owner Name & Address: **Salvadore Flores
149 Denver Ave.
Fort Lupton, CO 80621**

Resource Number: **5WL5646**

Address: **149 Denver Ave.**

Architectural Inventory Form

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II. Geographic Information

9. P.M. **6th** Township **1N** Range **66W**
NE 1/4 of the **SE** 1/4 of the **SE** 1/4 of the **NE** 1/4 of Section **6**
10. UTM Reference Zone: **13** Easting: **516180** Northing: **4436590**
11. USGS Quad Name: **Fort Lupton, Colorado**
Year: **1994** Map scale: **7.5'**
12. Legal Description: **Lots 1 to 4, Block 21**
Addition: **Twombly's Addition** Year of Addition: **1902**
13. Boundary Description and Justification: **The boundaries of this property correspond with its clearly defined urban lot lines and legal description. These boundaries include all of the historic resources associated with this property, including the building(s) and features described below.**
-

III. Architectural Description

14. Building Plan (footprint, shape): **Irregular Plan**
15. Dimensions in Feet (approximate): **34' x 54'**
16. Number of Stories: **1-1/2**
17. Primary External Wall Material(s) (enter no more than two): **Brick, Shingle**
18. Roof Configuration: (enter no more than one): **Cross Gabled Roof**
19. Primary External Roof Material (enter no more than one): **Composition Roof**
20. Special Features (enter all that apply): **Porch, Dormer, Decorative Shingles, Chimney, Tower, Attached Garage**
21. General Architectural Description: **This corner lot contains a 1-1/2 story masonry residence that faces toward the east. Centered on the property, the home rests upon what appears to be a concrete foundation with stone facing above grade. The building's first floor exterior walls are constructed of brickwork laid in common bond coursing. Fishscale shingles clad the short upper story walls. The home's front entrance, with a wood panel door and metal storm door, is found on its northeast cutaway corner.**

An open, three-sided porch projects from the home at this location. This porch, three steps up from the front sidewalk, consists of a masonry floor, open metal

Resource Number: **5WL5646**

Address: **149 Denver Ave.**

Architectural Inventory Form
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rail, and a three-sided hipped roof supported by two wood columns and two engaged pilasters. Rising above the entrance and porch is a short wood frame octagonal tower. This tower has walls covered with fishscale shingles, three 3-over-1 double hung sash windows with wood frames, and a bell-cast octagonal roof with asphalt shingles and a tin cap.

The building's southeast corner holds the entrance to a hair salon, reached by way of a small wood deck and handicap ramp. This entry has a wood panel door and storm door. Secondary entrances are found on the west and north elevations. The west elevation has a panel door and storm door that enter the rear enclosed porch. The northwest corner of the home has an overhead garage door (wood panel, 6 lights) providing access to a single-car attached garage.

Fenestration on the home consists primarily of 1-over-1 double hung sash windows with wood frames and surrounds. On the front of the house is a three-sided bay containing these original windows. The southeast one-story room has a band of multi-light windows along its south elevation that each holds a central casement surrounded by multiple fixed lights. One set of these same windows is found on the east elevation next to the hair salon door. The rear of the house has two pairs of 2-light sliding windows on the garage and bands of 1-over-1 windows flanking the rear entrance.

Typical of Queen Anne style homes, the roof on this residence is complex. Its central portion is pyramidal, and is surrounded by intersecting gables to the north, south and east. The entire roof is finished with asphalt shingles and boxed eaves. Dormers project from the roof to the north, south and west. The single dormers on the north and south slopes of the pyramidal roof are each wood-framed with fishscale shingles, a pair of 1-over-1 double hung sash windows, and a gabled roof. The single dormer on the west slope of the rear gabled roof is similar to the others but has a single small fixed horizontal window. A tall narrow brick chimney with a pair of horizontal brick bands near the top projects upward from the north slope of the pyramidal roof.

22. Architectural Style/Building Type: **Late Victorian / Queen Anne**
23. Landscaping or Special Setting Features: **Surrounding the home are grassed and landscaped yard areas, although the rear yard has been partially paved. The front yard is bisected by a concrete walk that runs diagonally from the street sidewalk at the corner to the front porch. A modern metal fence borders the south and west yard areas.**
24. Associated Buildings, Features or Objects:

Old Garage - The old garage is located in the southwest corner of the property along the rear alley. This 14' x 16' wood frame building rests upon a concrete foundation and its exterior walls are finished with horizontal siding. It also has a hipped roof with asphalt shingles and a panel door and sliding wood garage door on the north elevation. The building was constructed sometime after 1936 to hold both a single auto and an adjoining shop or storage space.

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New Garage - The new garage is located in the northwest quadrant of the property along the rear alley. This 24' x 24' wood frame building rests upon a concrete foundation and has walls finished with horizontal siding. It also has a gabled roof with asphalt shingles, a two-light sliding window on the north, and an overhead garage door on the south. The building was constructed in 1992 to serve as a two-car garage.

IV. Architectural History

25. Date of Construction: Estimate: Actual: **1902**
- Source of Information: **Weld County Assessor, Property Profile**
26. Architect: **Unknown**
- Source of Information: **Not Applicable**

27. Builder/Contractor: **Unknown**
- Source of Information: **Not Applicable**
28. Original Owner: **Seymour & Birdie Rhode**
- Source of Information: **Interview with David Norcross & Nancy Penfold, Fort Lupton Museum, 26 September 2007; Cleon Roberts. *Fort Lupton, Colorado: The First Hundred and Forty Years*. Fort Lupton Museum, 1976**
29. Construction History (include description and dates of major additions, alterations, or demolitions): **The home on this property was constructed in 1902 with open porches on the front and rear, and over the next two decades remained unchanged. By 1930, it had been expanded toward the rear with the construction of an enclosed porch and an attached garage. A small shed, now gone, was located off the southwest corner of the house, although this might have been the old garage now found in the southwest corner of the property. The old garage was certainly not present in its current location prior to 1936.**

The one-story addition to the southeast corner of the residence was constructed sometime in the years after World War II, possibly in conjunction with the 1975 remodeling of the interior for use as offices. In the past two decades, several alterations have been made to the property. First, in 1992 the detached modern garage was constructed and the surrounding yard area paved with concrete. In 1996 the home received attention to its upper floor siding, soffits and fascia. Finally, in 2006 the wood ramp, deck and door for the hair salon were installed, along with the wrought iron fence that encloses portions of the rear yard.

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-
30. Original Location: **Yes**
-

V. Historical Associations

31. Original Use(s): **Domestic / Single Dwelling**
32. Intermediate Use(s): **Not Applicable**
33. Current Use(s): **Domestic / Single Dwelling
Commerce & Trade / Specialty Store**
34. Site Type(s): **Single Family Residence / Hair Salon**
35. Historical background: **Between 1902 and the 1950s, this home was occupied by the family of Seymour and Birdie Rhode. The couple is well-known locally for founding the first bank in Fort Lupton. Established in 1900, the Fort Lupton State Bank was initially housed on the main floor of the Winbourn Hotel on the northwest corner of 4th St. and Main Ave. Seymour served as the institution's vice-president and cashier and Birdie held the title of president, a remarkable position for a woman to hold in any bank, large or small, at that time. Advertising "courteous treatment to all," the bank was launched with total assets of \$25,000 and on its first day of business received deposits in excess of \$3,500. In addition to banking, the couple was involved in the sale of fire and life insurance policies.**

With their bank thriving, Seymour and Birdie had a Queen Anne style home constructed for themselves in 1902 at 149 Denver Ave. Eight years later, they erected their own bank building on the northwest corner of 4th St. and Denver Ave. (this building no longer exists). Seymour

and Birdie continued to operate their bank through at least the 1940s and were involved in the Fort Lupton community into the post-WWII period. During the 1950s, the home finally passed out of the family's ownership. While it continued to be occupied as a residence, in 1975 the building was remodeled to serve as offices for Ranchero, a company engaged in home construction, real estate and land development. This work appears to have primarily involved the interior, but may also have involved construction of the one-story addition to the southeast corner of the building. In recent years, this portion of the building has been converted into a hair salon.

36. Sources of information: **Fort Lupton City Directories (1933, 1942)**
Colorado State Business Directories (1900-1950)
Weld County, Assessor's Records (parcel #147106132013)
City of Fort Lupton, Building Permits File
Sanborn Fire Insurance Maps (1908-1936)
Interview with David Norcross & Nancy Penfold, Fort Lupton Museum, 26 September 2007

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Fort Lupton Press, 16 September 1976
Fort Lupton Spirit, 16 May 1906
 Cleon Roberts, *Fort Lupton, Colorado: The First Hundred and Forty Years*, Fort Lupton Museum, 1976
 Adam Thomas, *Crossroads in Eden: Development of Fort Lupton, 1835-2000*, Historical Context Report prepared for the City of Fort Lupton, 2003

VI. Significance

37. Local landmark designation: **None**

38. Applicable National Register Criteria

- A.** Associated with events that have made a significant contribution to the broad pattern of our history
- B.** Associated with the lives of persons significant in our past
- X C.** Embodies the distinctive characteristics of a type, period, or method of construction, or represents the work of a master, or possesses high artistic values, or represents a significant and distinguishable entity whose components may lack individual distinction
- D.** Has yielded, or may be likely to yield, information important in history or prehistory

Qualifies under Criteria Considerations A through G (see Manual)

Does not meet any of the above National Register criteria

Applicable Fort Lupton Criteria

- A.** Historical Importance 1: Has character, interest, or value as part of the development, heritage or cultural characteristics of the city, state or nation

Historical Importance 2: Is the site of an historic event with an effect upon society

X Historical Importance 3: Is identified with a person or group of persons who had some influence on society

Historical Importance 4: Exemplifies the cultural, political, economic, social or historic heritage of the community

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B. Architectural Importance 1: Portrays the environment of a group of people in an era of history characterized by a distinctive architectural style

X Architectural Importance 2: Embodies those distinguishing characteristics of an architectural type or specimen

Architectural Importance 3: Is the work of an architect or master builder whose individual work has influenced the development of the city

Architectural Importance 4: Contains the elements of architectural design, detail, materials or craftsmanship which represent a significant innovation

C. Geographic Importance 1: Because of being part of or related to a square, park or other distinctive area, should be developed or preserved according to a plan, cultural, or architectural motif

Geographic Importance 2: Due to its unique location or singular physical characteristic, represents an established and familiar visual feature of a neighborhood, community or the city

Does not meet any of the above Fort Lupton designation criteria

39. Area(s) of significance: **Commerce / Architecture**

40. Period of significance: **1902-1952 (Commerce) / 1902 (Architecture)**

41. Level of significance: National **No** State **No** Local **Yes**

42. Statement of significance: **This historic residence appears to be eligible for individual designation to the Colorado State Register of Historic Properties at the local level of significance. It is eligible under Criterion C for embodying the distinctive features of the Late Victorian / Queen Anne style of architecture. Numerous elements of this building are characteristic of this style, including its asymmetrical massing, octagonal corner tower, dormers, open three-sided porch, multiple gables and complex roof. Although the building has experienced a non-historic alteration with the addition of a one-story shop at its southeast corner, the primary view of the home from the intersection is little changed and the home still conveys most of its architectural integrity.**

Fort Lupton Significance: In light of the criteria for local designation, the property appears to be eligible for individual listing in Fort Lupton because of its association with prominent banking couple Seymour and Birdie Rhode (Criterion A-3). In addition, the home is likely to be locally eligible as the best representative example in Fort Lupton of the Queen Anne style of architecture (Criterion B-2).

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43. Assessment of historic physical integrity related to significance: **While this home has experienced some changes since it was constructed in 1902, its Late Victorian detailing and integrity remain largely intact. Many of the changes have taken place behind the house, involving early additions and the construction of two detached garages. The small addition to the southeast corner is one-story in height, compatible in design and materials, and does not diminish from the overall historic character of the home. None of these changes significantly diminished the home's importance as the most substantial example of the Queen Anne style in Fort Lupton. The building still conveys a substantial degree of its appearance from the period when it was occupied by Seymour and Birdie Rhode. This property exhibits an adequate degree of integrity to be considered significant in relation to State Register standards. Due to the alterations described, it is not eligible for individual designation to the National Register.**

VII. National Register Eligibility Assessment

44. National Register eligibility field assessment: **Not Eligible**

45. Is there National Register district potential? **No**

Discuss: **Due to a combination of demolition, new construction, and extensive alterations to many of its buildings, resulting in a loss of architectural integrity, downtown Fort Lupton does not appear to retain an adequate concentration of historically intact properties to merit National Register district eligibility.**

If there is National Register district potential, is this building contributing: **No**

46. If located in an existing National Register district, is it contributing: **Not Applicable**

VIII. Recording Information

47. Photograph numbers: **D149.1-8**

Negatives filed at: **Tatanka Historical Associates, Inc.**

48. Report title: **Intensive-Level Survey of Historic Buildings
Downtown Fort Lupton, Colorado**

49. Date(s): **1 February 2009**

50. Recorder(s): **Ron Sladek, President**

51. Organization: **Tatanka Historical Associates, Inc.**

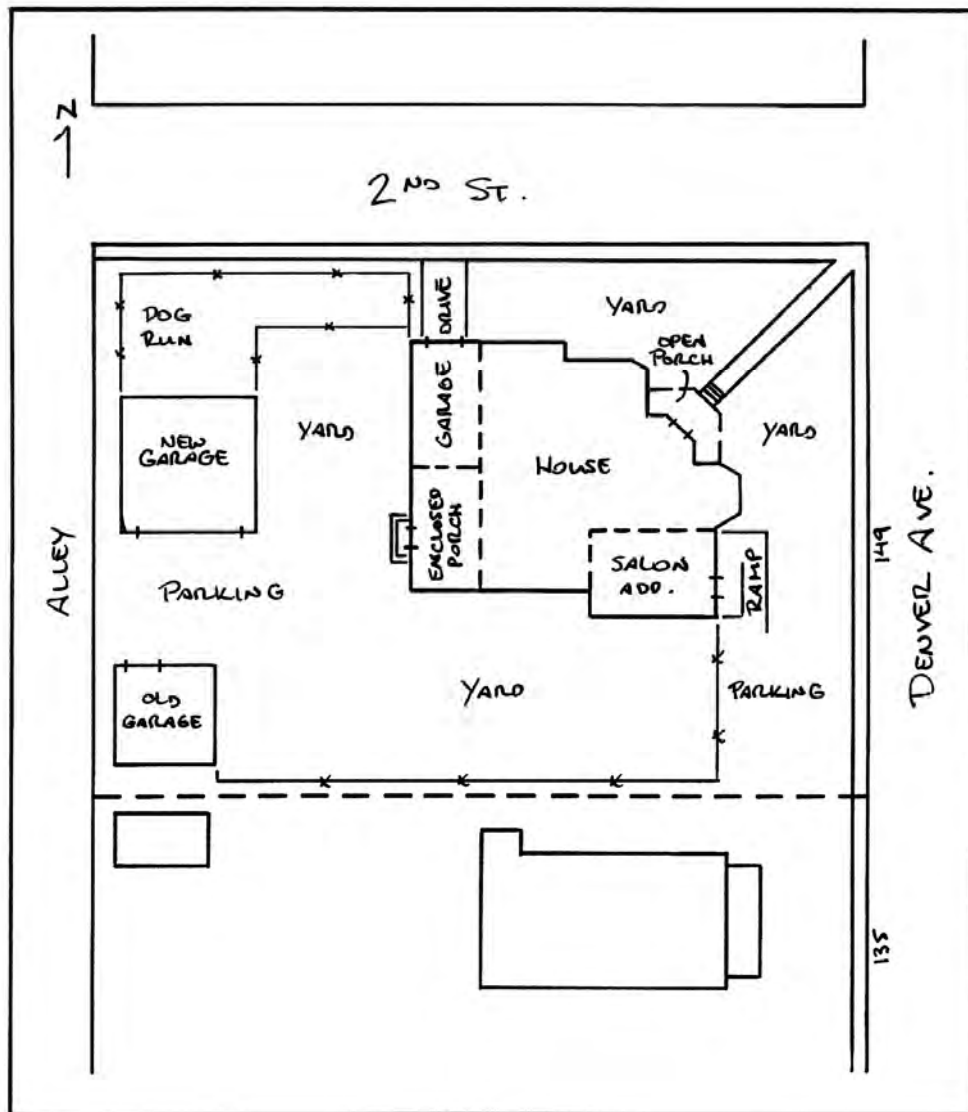
52. Address: **P.O. Box 1909, Fort Collins, CO 80522**

53. Phone number(s): **970 / 221-1095**

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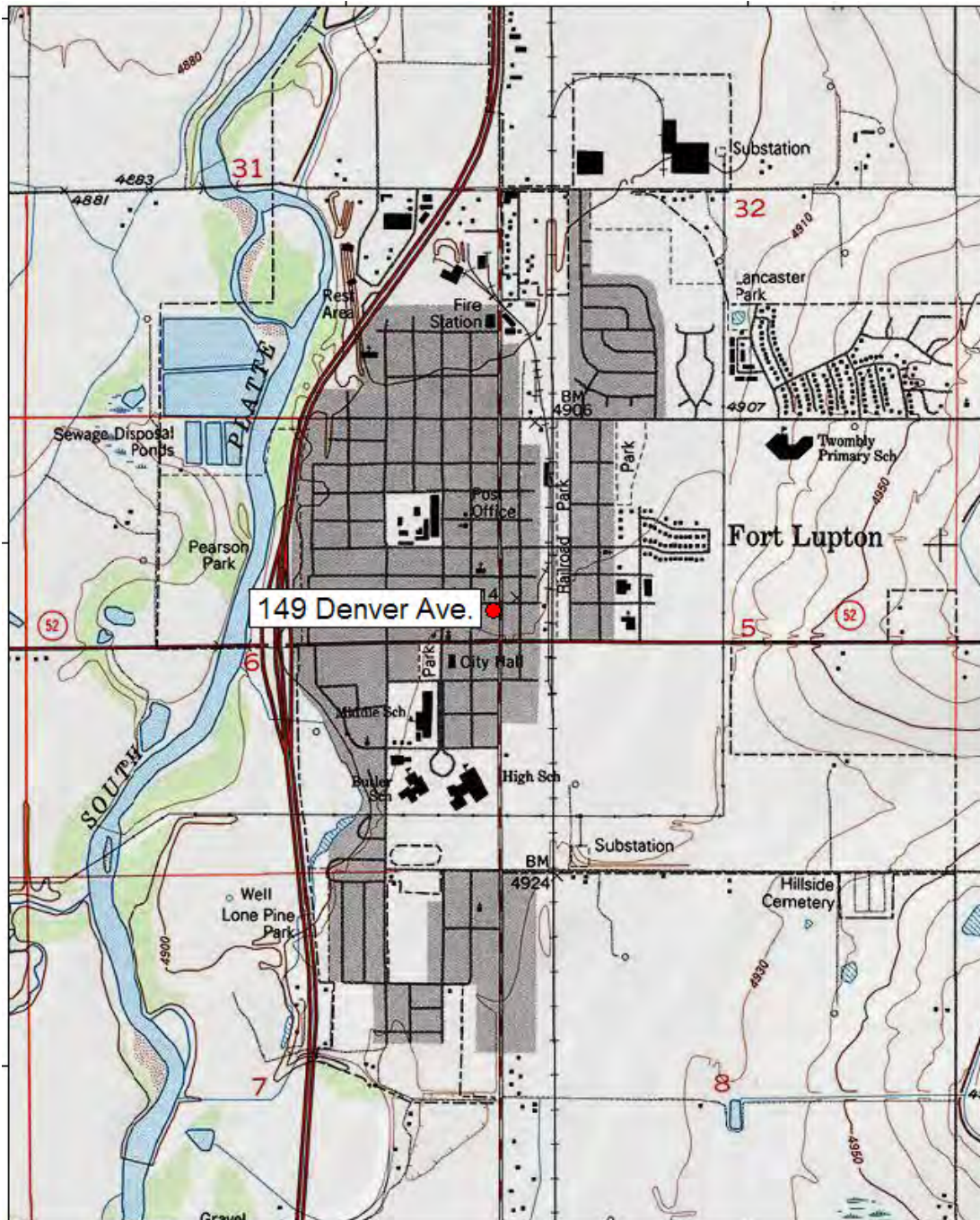
**Site Diagram
(not to scale)**



Resource Number: 5WL5646

Address: 149 Denver Ave.

USGS 7.5' Topographic Map
Fort Lupton, 1994



Resource Number: **5WL5646**

Address: **149 Denver Ave.**

Additional Photographs



View of the east elevation of the Rhode House. View to the west.



View of the south and east elevations. View to the northwest.

Resource Number:

5WL5646

Address:

149 Denver Ave.

Additional Photographs



View of the north and west elevations. View to the southeast.



View of the southwest corner of the house and the new garage. View to the east.

Resource Number: **5WL5646**

Address: **149 Denver Ave.**

Additional Photographs



View of the old garage along the rear alley. View to the southeast



View of the new garage along the rear alley. View to the southeast.

HAM 2021-009

**RESPONSE LETTER TO COLORADO DEPARTMENT OF TRANSPORTATION FOR
BRANTNER DITCH PROJECT PER SECTION 106 REQUIREMENTS.**

I. **Agenda Date:** Board Meeting – November 4, 2021

II. **Attachments:** A. Materials on Section 106 Review
B. Section 106 Review Documents Received from the Colorado
Department of Transportation

III. **Issue/Request:**

The Colorado Department of Transportation (“CDOT”) has requested that the Fort Lupton Historic Preservation Board review and respond to a proposed project on the Brantner Ditch.

Additional information on this project is included in the material attached to this Historic Action Memorandum.

IV. **Legal / Political Considerations:**

Section 106 of the National Historic Preservation Act of 1966 requires federal agencies to consider the effects of projects they carry out, approve, or fund on historic properties. Section 106 encourages, but does not mandate, preservation. Sometimes there is no way for a needed project to proceed without harming historic properties. Section 106 review does ensure that preservation values are factored into federal agency planning and decisions. Because of Section 106, federal agencies must assume responsibility for the consequences of the projects they carry out, approve, or fund on historic properties and be publicly accountable for their decisions.

It is important to note that for a Section 106 review, a historic property does not mean it is historically designated. In the Section 106 process, a historic property is a prehistoric or historic district, site, building, structure, or object included in or eligible for inclusion in the National Register of Historic Places. In this instance, the Brantner Ditch.

In addition to seeking the views of the public, federal agencies must actively consult with certain organizations and individuals during review. Consultation does not mandate a specific outcome. Rather, it is the process of seeking, discussing, and considering the views of consulting parties about how project effects on historic properties should be handled. Consulting parties include local governments, and in this case the Fort Lupton Historic Preservation Board.

Please review the enclosed materials on Section 106 review for more information on your role.

V. Alternatives/Options:

The Board has the following options:

- 1. Send a letter with a positive response regarding the proposed project.*
- 2. Send a letter with a negative response regarding the proposed project.*
- 3. Do not send a response to the Section 106 request.*

VI. Financial Considerations:

None.

VII. Staff Recommendation:

The Section 106 review has been submitted to the Fort Lupton Historic Preservation Board by CDOT for comments on a project related to the Brantner Ditch. Staff recommends the Board review the documents submitted with the Section 106 review, and the educational materials provided on Section 106 review in advance of the meeting for further discussion and determination.

Protecting Historic Properties

ADVISORY COUNCIL ON HISTORIC PRESERVATION

Protecting Historic Properties:

A CITIZEN'S GUIDE TO SECTION 106 REVIEW



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COVER PHOTOS:

Clockwise, from top left: Historic Downtown Louisville, Kentucky; Section 106 consultation at Medicine Lake, California; bighorn sheep petroglyph in Nine Mile Canyon, Utah (photo courtesy Jerry D. Spangler); Worthington Farm, Monocacy Battlefield National Historic Landmark, Maryland (photo courtesy Maryland State Highway Administration).

About the ACHP

The mission of the Advisory Council on Historic Preservation (ACHP) is to promote the preservation, enhancement, and sustainable use of our nation's historic resources, and advise the President and the Congress on national historic preservation policy.

The ACHP, an independent federal agency, also provides a forum for influencing federal activities, programs, and policies that affect historic properties. In addition, the ACHP has a key role in carrying out the Preserve America program.

The 23-member council is supported by a professional staff in Washington, D.C. For more information contact:

Advisory Council on Historic Preservation
401 F Street, NW, Suite 308
Washington, DC 20001-2637
(202) 517-0200
www.achp.gov

Introduction

Proud of your heritage? Value the places that reflect your community's history? You should know about Section 106 review, an important tool you can use to influence federal decisions regarding historic properties. By law, you have a voice when a project involving federal action, approval, or funding may affect properties that qualify for the National Register of Historic Places, the nation's official list of historic properties.

This guide from the Advisory Council on Historic Preservation (ACHP), the agency charged with historic preservation leadership within federal government, explains how your voice can be heard.

Each year, the federal government is involved with many projects that affect historic properties. For example, the Federal Highway Administration works with states on road improvements, the Department of Housing and Urban Development grants funds to cities to rebuild communities, and the General Services Administration builds and leases federal office space.

Agencies like the Forest Service, the National Park Service, the Bureau of Land Management, the Department of Veterans Affairs, and the Department of Defense make decisions daily

about the management of federal buildings, parks, forests, and lands. These decisions may affect historic properties, including those that are of traditional religious and cultural significance to federally recognized Indian tribes and Native Hawaiian organizations.

Projects with less obvious federal involvement can also have repercussions on historic properties. For example, the construction of a boat dock or a housing development that affects wetlands may also affect fragile archaeological sites and require a U.S. Army Corps of Engineers permit. Likewise, the construction of a cellular tower may require a license from the Federal Communications Commission and might compromise historic or culturally significant landscapes or properties valued by Indian tribes or Native Hawaiian organizations for traditional religious and cultural practices.

These and other projects with federal involvement can harm historic properties. The Section 106 review process gives you the opportunity to alert the federal government to the historic properties you value and influence decisions about projects that affect them.

Consultation Matters



The Bureau of Land Management worked with a large group of consulting parties to craft solutions to protect fragile rock art and other historic properties from the effects of increased truck traffic when natural gas wells were permitted near Nine Mile Canyon. (photo courtesy Jerry D. Spangler; Colorado Plateau Archaeological Alliance)

What is Section 106 Review?

In the National Historic Preservation Act of 1966 (NHPA), Congress established a comprehensive program to preserve the historical and cultural foundations of the nation as a living part of community life. Section 106 of the NHPA is crucial to that program because it requires consideration of historic preservation in the multitude of projects with federal involvement that take place across the nation every day.

Section 106 requires federal agencies to consider the effects of projects they carry out, approve, or fund on historic properties. Also, federal agencies must provide the ACHP an opportunity to comment on such projects prior to the agency's decision on them.

Section 106 review encourages, but does not mandate, preservation. Sometimes there is no way for a needed project to proceed without harming historic properties. Section 106 review does ensure that preservation values are factored into federal agency planning and decisions. Because of Section 106, federal agencies must assume responsibility for the consequences of the projects they carry out, approve, or fund on historic properties and be publicly accountable for their decisions.

Stewardship



The Owe'neh Bupingeh Preservation Project has had a profound impact on the Ohkay Owingeh community in New Mexico and is heralded as a model planning effort for Native American communities in historic settings. (mud plastering workshop photo by Tania Hammidi)

Understanding Section 106 Review

Regulations issued by the ACHP spell out the Section 106 review process, specifying actions federal agencies must take to meet their legal obligations. The regulations are published in the Code of Federal Regulations at 36 CFR Part 800, "Protection of Historic Properties," and can be found on the ACHP's Web site at www.achp.gov.

Federal agencies are responsible for initiating Section 106 review, most of which takes place between the agency and state and tribal or Native Hawaiian organization officials. Appointed by the governor, the State Historic Preservation Officer (SHPO) coordinates the state's historic preservation program and consults with agencies during Section 106 review.

Agencies also consult with officials of federally recognized Indian tribes when the projects have the potential to affect historic properties on tribal lands or historic properties of significance to such tribes located off tribal lands. Some tribes have officially designated Tribal Historic Preservation Officers (THPOs), while others designate representatives to consult with agencies as needed. In Hawaii, agencies consult with Native Hawaiian organizations (NHOs) when historic properties of religious and cultural significance to them may be affected.

To successfully complete Section 106 review, federal agencies must do the following:

- ▶ gather information to decide which properties in the area that may be affected by the project are listed, or are eligible for listing, in the National Register of Historic Places (referred to as "historic properties");
- ▶ determine how those historic properties might be affected;
- ▶ explore measures to avoid or reduce harm ("adverse effect") to historic properties; and
- ▶ reach agreement with the SHPO/THPO (and the ACHP in some cases) on such measures to resolve any adverse effects or, failing that, obtain advisory comments from the ACHP, which are sent to the head of the agency.

What are Historic Properties?

In the Section 106 process, a historic property is a prehistoric or historic district, site, building, structure, or object included in or eligible for inclusion in the National Register of Historic Places. This term includes artifacts, records, and remains that are related to and located within these National Register properties. The term also includes properties of traditional religious and cultural importance to an Indian tribe or Native Hawaiian organization, so long as that property also meets the criteria for listing in the National Register.

The National Register of Historic Places

The National Register of Historic Places is the nation's official list of properties recognized for their significance in American history, architecture, archaeology, engineering, and culture. It is administered by the National Park Service, which is part of the Department of the Interior. The Secretary of the Interior has established the criteria for evaluating the eligibility of properties for the National Register. In short, the property must be significant, be of a certain age, and have integrity:

- ▶ **Significance.** Is the property associated with events, activities, or developments that were important in the past? With the lives of people who were historically important? With distinctive architectural history, landscape history, or engineering achievements? Does it have the potential to yield important information through archaeological investigation about our past?
- ▶ **Age and Integrity.** Is the property old enough to be considered historic (generally at least 50 years old) and does it still look much the way it did in the past?

During a Section 106 review, the federal agency evaluates properties against the National Register criteria and seeks the consensus of the SHPO/THPO/tribe regarding eligibility. A historic property need not be formally listed in the National Register in order to be considered under the Section 106 process. Simply coming to a consensus determination that a property is eligible for listing is adequate to move forward with Section 106 review. (For more information, visit the National Register Web site at www.cr.nps.gov/nr).

When historic properties may be harmed, Section 106 review usually ends with a legally binding agreement that establishes how the federal agency will avoid, minimize, or mitigate the adverse effects. In the very few cases where this does not occur,

the ACHP issues advisory comments to the head of the agency who must then consider these comments in making a final decision about whether the project will proceed.

Section 106 reviews ensure federal agencies fully consider historic preservation issues and the views of the public during project planning. Section 106 reviews do not mandate the approval or denial of projects.



SECTION 106: WHAT IS AN ADVERSE EFFECT?

If a project may alter characteristics that qualify a specific property for inclusion in the National Register in a manner that would diminish the integrity of the property, that project is considered to have an adverse effect. Integrity is the ability of a property to convey its significance, based on its location, design, setting, materials, workmanship, feeling, and association.

Adverse effects can be direct or indirect and include the following:

- ▶ physical destruction or damage
- ▶ alteration inconsistent with the Secretary of the Interior's Standards for the Treatment of Historic Properties
- ▶ relocation of the property
- ▶ change in the character of the property's use or setting
- ▶ introduction of incompatible visual, atmospheric, or audible elements
- ▶ neglect and deterioration
- ▶ transfer, lease, or sale of a historic property out of federal control without adequate preservation restrictions

Determining Federal Involvement

If you are concerned about a proposed project and wondering whether Section 106 applies, you should first determine whether the federal government is involved. Will a federal agency fund or carry out the project? Is a federal permit, license, or approval needed? Section 106 applies only if a federal agency is carrying out the project, approving it, or funding it, so confirming federal involvement is critical.

National Register



The National Register offers a rich diversity of properties such as Chicano Park in San Diego, California. (mural restoration photo by Ricardo Duffy, courtesy Caltrans)



IS THERE FEDERAL INVOLVEMENT? CONSIDER THE POSSIBILITIES:

Is a federally owned or federally controlled property involved, such as a military base, park, forest, office building, post office, or courthouse? Is the agency proposing a project on its land, or would it have to provide a right-of-way or other approval to a private company for a project such as a pipeline or mine?

Is the project receiving federal funds, grants, or loans? If it is a transportation project, frequent sources of funds are the Federal Highway Administration, the Federal Transit Administration, and the Federal Railroad Administration. Many local government projects receive funds from the Department of Housing and Urban Development. The Federal Emergency Management Agency provides funds for disaster relief.

Does the project require a federal permit, license, or other approval? Often housing developments impact wetlands, so a U.S. Army Corps of Engineers permit may be required. Airport projects frequently require approvals from the Federal Aviation Administration.

Many communications activities, including cellular tower construction, are licensed by the Federal Communications Commission. Hydropower and pipeline development requires approval from the Federal Energy Regulatory Commission. Creation of certain new bank branches must be approved by the Federal Deposit Insurance Corporation.

Federal Funds



Interstate 70 at the Georgetown-Silver Plume National Historic Landmark, Colorado. Impacts to the historic mountain towns were expected due to the planned expansion of the interstate. (photo courtesy J.F. Sato & Associates)

MONITORING FEDERAL ACTIONS

The sooner you learn about proposed projects with federal involvement, the greater your chance of influencing the outcome of Section 106 review.

Learn more about the history of your neighborhood, city, or state. Join a local or statewide preservation, historical, or archaeological organization. These organizations are often the ones first contacted by federal agencies when projects commence.

If there is a clearinghouse that distributes information about local, state, tribal, and federal projects, make sure you or your organization is on its mailing list.

Make the SHPO/THPO/tribe aware of your interest.

Become more involved in state and local decision making. Local planning reviews may indicate whether there is federal involvement in a proposed project, so be mindful. Ask about the applicability of Section 106 to projects under state, tribal, or local review. Does your state, tribe, or community have preservation laws in place? If so, become knowledgeable about and active in the implementation of these laws.

Review the local newspaper for notices about projects being reviewed under other federal statutes, especially the National Environmental Policy Act (NEPA). Under NEPA, a federal agency must determine if its proposed major actions will significantly impact the environment. Usually, if an agency is preparing an Environmental Impact Statement under NEPA, it must also complete a Section 106 review for the project.



Sometimes federal involvement is obvious. Often, involvement is not immediately apparent. If you have a question, contact the project sponsor to obtain additional information and to inquire about federal involvement. All federal agencies have Web sites. Many list regional or local contacts and information on major projects. The SHPO/THPO/tribe, state or local planning commissions, or statewide historic preservation organizations may also have project information.

Once you have identified the responsible federal agency, write to the agency to request a project description and inquire about the status of project planning. Ask how the agency plans to comply with Section 106, and voice your concerns. Keep the SHPO/THPO/tribe advised of your interest and contacts with the federal agency.

Working with Federal Agencies

Throughout the Section 106 review process, federal agencies must consider the views of the public. This is particularly important when an agency is trying to identify historic properties that might be affected by a project and is considering ways to avoid, minimize, or mitigate harm to them.

Agencies must give the public a chance to learn about the project and provide their views. How agencies publicize projects depends on the nature and complexity of the particular project and the agency's public involvement procedures.

Public meetings are often noted in local newspapers and on television and radio. A daily government publication, the *Federal Register* (available at many public libraries and online at www.federalregister.gov), has notices concerning projects, including those being reviewed under NEPA. Federal agencies often use NEPA for purposes of public outreach under Section 106 review. Agencies may also coordinate their NEPA and Section 106 reviews.

Federal agencies also frequently contact local museums and historical societies directly to learn about historic properties and community concerns. In addition, organizations like the National Trust for Historic Preservation (NTHP) are actively engaged in a number of Section 106 consultations on projects around the country. The NTHP is a private, non-profit membership organization dedicated to saving historic

places and revitalizing America's communities. Organizations like the NTHP and your state and local historical societies and preservation interest groups can be valuable sources of information. Let them know of your interest.

When the agency provides you with information, let the agency know if you disagree with its findings regarding what properties are eligible for the National Register of Historic Places or how the proposed project may affect them. Tell the agency—in writing—about any important properties that you think have been overlooked or incorrectly evaluated. Be sure to provide documentation to support your views.

When the federal agency releases information about project alternatives under consideration, make it aware of the options you believe would be most beneficial. To support alternatives that would preserve historic properties, be prepared to discuss costs and how well your preferred alternatives would meet project needs. Sharing success stories about the treatment or reuse of similar resources can also be helpful.

Applicants for federal assistance or permits, and their consultants, often undertake research and analyses on behalf of a federal agency. Be prepared to make your interests and views known to them, as well. But remember the federal agency is ultimately responsible for completing Section 106 review, so make sure you also convey your concerns directly to it.

Learn About the Project



Hangar I, a historic dirigible hangar at Moffett Field at NASA Ames Research Center, California. The unique nature of this historic resource has drawn wide public, and some congressional, interest.

Influencing Project Outcomes

In addition to seeking the views of the public, federal agencies must actively consult with certain organizations and individuals during review. This interactive consultation is at the heart of Section 106 review.

Consultation does not mandate a specific outcome. Rather, it is the process of seeking, discussing, and considering the views of consulting parties about how project effects on historic properties should be handled.

To influence project outcomes, you may work through the consulting parties, particularly those who represent your interests. For instance, if you live within the local jurisdiction where a project is taking place, make sure to express your views on historic preservation issues to the local government officials who participate in consultation.

Speak Up



Residents in the Lower Mid-City Historic District in New Orleans express their opinions about the proposed acquisition and demolition of their properties for the planned new Department of Veterans Affairs and Louisiana State University medical centers which would replace the facilities damaged as a result of Hurricane Katrina.

You or your organization may want to take a more active role in Section 106 review, especially if you have a legal or economic interest in the project or the affected properties. You might also have an interest in the effects of the project as an individual, a business owner, or a member of a neighborhood association, preservation group, or other organization. Under these circumstances, you or your organization may write to the federal agency asking to become a consulting party.



WHO ARE CONSULTING PARTIES?

The following parties are entitled to participate as consulting parties during Section 106 review:

- ▶ Advisory Council on Historic Preservation;
- ▶ State Historic Preservation Officers;
- ▶ Federally recognized Indian tribes/THPOs;
- ▶ Native Hawaiian organizations;
- ▶ Local governments; and
- ▶ Applicants for federal assistance, permits, licenses, and other approvals.

Other individuals and organizations with a demonstrated interest in the project may participate in Section 106 review as consulting parties "due to the nature of their legal or economic relation to the undertaking or affected properties, or their concern with the undertaking's effects on historic properties." Their participation is subject to approval by the responsible federal agency.

When requesting consulting party status, explain in a letter to the federal agency why you believe your participation would be important to successful resolution. Since the SHPO/THPO or tribe will assist the federal agency in deciding who will participate in the consultation, be sure to provide the SHPO/THPO or tribe with a copy of your letter. Make sure to emphasize your relationship with the project and demonstrate how your connection will inform the agency's decision making.

If you are denied consulting party status, you may ask the ACHP to review the denial and make recommendations to the federal agency regarding your participation. However, the federal agency makes the ultimate decision on the matter.

Consulting party status entitles you to share your views, receive and review pertinent information, offer ideas, and consider possible solutions together with the federal agency and other consulting parties. It is up to you to decide how actively you want to participate in consultation.

Get Involved



Section 106 consultation with an Indian tribe

MAKING THE MOST OF CONSULTATION

Consultation will vary depending on the federal agency's planning process and the nature of the project and its effects.

Often consultation involves participants with a wide variety of concerns and goals. While the focus of some may be preservation, the focus of others may be time, cost, and the purpose to be served by the project.

Effective consultation occurs when you:

- ▶ keep an open mind;
- ▶ state your interests clearly;
- ▶ acknowledge that others have legitimate interests, and seek to understand and accommodate them;
- ▶ consider a wide range of options;
- ▶ identify shared goals and seek options that allow mutual gain; and
- ▶ bring forward solutions that meet the agency's needs.

Creative ideas about alternatives—not complaints—are the hallmarks of effective consultation.



How the ACHP Can Help

Under Section 106 review, most harmful effects are addressed successfully by the federal agency and the consulting parties without participation by the ACHP. So, your first points of contact should always be the federal agency and/or the SHPO/THPO.

When there is significant public controversy, or if the project will have substantial effects on important historic properties, the ACHP may elect to participate directly in the consultation. The ACHP may also get involved if important policy questions are raised, procedural problems arise, or if there are issues of concern to Indian tribes or Native Hawaiian organizations.

Whether or not the ACHP becomes involved in consultation, you may contact the ACHP to express your views or to request guidance, advice, or technical assistance. Regardless of the

scale of the project or the magnitude of its effects, the ACHP is available to assist with dispute resolution and advise on the Section 106 review process.

If you cannot resolve disagreements with the federal agency regarding which historic properties are affected by a project or how they will be impacted, contact the ACHP. The ACHP may then advise the federal agency to reconsider its findings.



CONTACTING THE ACHP: A CHECKLIST

If you have questions about Section 106 that the SHPO/THPO/federal agency cannot answer; you may contact the ACHP. Try to have the following information available:

- ▶ the name of the responsible federal agency and how it is involved;
- ▶ a description of the project;
- ▶ the historic properties involved; and
- ▶ a clear statement of your concerns about the project and its effect on historic properties.

If you suspect federal involvement but have been unable to verify it, or if you believe the federal agency or one of the other participants in review has not fulfilled its responsibilities under the Section 106 regulations, you can ask the ACHP to investigate. In either case, be as specific as possible.

Collecting Comments



A panel of ACHP members listen to comments during a public meeting.

When Agencies Don't Follow the Rules

A federal agency must conclude Section 106 review before making a decision to approve a project, or fund or issue a permit that may affect a historic property. Agencies should not make obligations or take other actions that would preclude consideration of the full range of alternatives to avoid or minimize harm to historic properties before Section 106 review is complete.

If the agency acts without properly completing Section 106 review, the ACHP can issue a finding that the agency has prevented meaningful review of the project. This means that, in the ACHP's opinion, the agency has failed to comply with Section 106 and therefore has not met the requirements of federal law.

A vigilant public helps ensure federal agencies comply fully with Section 106. In response to requests, the ACHP can investigate questionable actions and advise agencies to take corrective action. As a last resort, preservation groups or individuals can litigate in order to enforce Section 106.

If you are involved in a project and it seems to be getting off track, contact the agency to voice your concern. Call the SHPO or THPO to make sure they understand the issue. Call the ACHP if you feel your concerns have not been heard.

Following Through

Stay Informed



Milton Madison Bridge over the Ohio River between Kentucky and Indiana. Bridge projects can affect a variety of cultural and historic properties. (photo courtesy Wilbur Smith Associates/Michael Baker Engineers)

After agreements are signed, the public may still play a role in the Section 106 process by keeping abreast of the agreements that were signed and making sure they are properly carried out. The public may also request status reports from the agency.

Designed to accommodate project needs and historic values, Section 106 review relies on strong public participation. Section 106 review provides the public with an opportunity to influence how projects with federal involvement affect historic properties. By keeping informed of federal involvement, participating in consultation, and knowing when and whom to ask for help, you can play an active role in deciding the future of historic properties in your community.

Section 106 review gives you a chance to weigh in when projects with federal involvement may affect historic properties you care about. Seize that chance, and make a difference!

Contact Information

Advisory Council on Historic Preservation

Office of Federal Agency Programs
401 F Street, NW, Suite 308
Washington, DC 20001-2637
Phone: (202) 517-0200
Fax: (202) 517-6381
E-mail: achp@achp.gov
Web site: www.achp.gov

The ACHP's Web site includes more information about working with Section 106 and contact information for federal agencies, SHPOs, and THPOs. The ACHP also publishes Section 106 Success Stories at www.achp.gov/sec106_successes.html.

National Association of Tribal Historic Preservation Officers

P.O. Box 19189
Washington, D.C. 20036-9189
Phone: (202) 628-8476
Fax: (202) 628-2241
E-mail: info@nathpo.org
Web site: www.nathpo.org

National Conference of State Historic Preservation Officers

444 North Capitol Street, NW, Suite 342
Washington, D.C. 20001
Phone: (202) 624-5465
Fax: (202) 624-5419
Web site: www.ncshpo.org

For the SHPO in your state, see:
<http://ncshpo.org/shpodirectory.shtml>

National Park Service

Heritage Preservation Services
1849 C Street, NW (2255)
Washington, D.C. 20240
E-mail: NPS_HPS-info@nps.gov
Web site: www.nps.gov/history

National Register of Historic Places
1201 Eye Street, NW (2280)
Washington, D.C. 20005
Phone: (202) 354-2211
Fax: (202) 371-6447
E-mail: nr_reference@nps.gov
Web site: www.nps.gov/nr

National Trust for Historic Preservation

2600 Virginia Avenue, NW
Suite 1100
Washington, DC 20037
Phone: (800) 944-6847 or (202) 588-6000
Fax: (202) 588-6038
Web site: www.preservationnation.org

Office of Hawaiian Affairs

560 North Nimitz Highway
Suite 200
Honolulu, HI 96817
Phone: (808) 594-1835
Fax: (808) 594-1865
E-mail: info@oha.org
Web site: www.oha.org

Beneath the Surface



Ohio Department of Transportation workers made an unanticipated archaeological discovery while working just north of Chillicothe along state Route 104. It is a remnant of an Ohio & Erie Canal viaduct. (photo courtesy Bruce W. Aument, Staff Archaeologist, ODOT/Office of Environmental Services)

TO LEARN MORE

For detailed information about the ACHP, Section 106 review process, and our other activities, visit us at www.achp.gov or contact us at:

Advisory Council on Historic Preservation
401 F Street, NW, Suite 308
Washington, DC 20001-2637
Phone: (202) 517-0200
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WWW.ACHP.GOV



Preserving America's Heritage



COLORADO

Department of Transportation

Region 4

Planning and Environmental
10601 10th Street
Greeley, CO 80634

November 1, 2021

City of Ft. Lupton
Historic Preservation Board
130 South McKinley Street
Fort Lupton, CO 80621

SUBJECT: Determinations of Eligibility and Effects; State Highway 52 (SH 52) and Weld County Road 19 (WCR 19), Weld County, Colorado. Colorado Department of Transportation (CDOT) Project Number FSA-052A-057 - SA # 24415 - **STATE FUNDS ONLY**

Dear Historic Preservation Board,

This letter and the attached materials constitute a request for concurrence on determinations of eligibility and effects for the project referenced above. The project is a state funded project with no federal involvement. The project involves the extension of the concrete box culvert (CBC), which crosses the Brantner Ditch, by 65 feet to the north and 45 feet south of the current CBC, with removal of the headwall and wingwall to allow for extension of the culvert. In addition, both radii on the east side of the intersection will be widened (the east side of the State Highway (SH) 52 onto Weld County Road (WCR) 19 intersection). The project will help stabilize the road, irrigation ditch and CBC. There is a ditch easement agreement between CDOT and the Ditch Company that allows the Ditch Company to access and conduct work within the ditch footprint. Therefore, the project will be all within CDOT right-of-way (ROW) and no right of way or easements will be acquired. Because of this, SH 52 and WCR 19 were not evaluated as part of the project; however, since both roads are over fifty years old, they are within the Area of Potential Effect (APE). Direct work to the roadways includes adding pavement to increase the turning radii for vehicular traffic. The CBC (052A016420BR) was constructed in 1958 and is exempt from review per the Program Comment for Post 1945- Common Bridge Types. An online COMPASS search showed no previous resources documented within the immediate project area.

Area of Potential Effects

The APE is represented ROW of SH 52 for approximately .25 miles to the east and .25 miles to the west, between milepost (MP) 16 and MP 17 and expands to include a small segment of Weld County Road 19, along with a segment of the Brantner Ditch. The ditch segment runs mostly parallel to WCR 19.

Eligibility Determinations

Brantner Ditch (5WL.2649/5WL.2649.10): The Brantner Ditch, first appropriated April 1, 1860, is eligible for listing on the National Register of Historic Places under Criterion A, in the area of agriculture, for its role of farming in the area and for Northern Colorado area. According to, www.picryl.com, "the ditch is the oldest irrigation system in Water District No. 2 of the South Platte River in Colorado. The ditch was constructed by pioneer farmers and continues to serve as an important component of the agricultural industry in this portion of Colorado's northeastern plains." Although constructed by Samuel Brantner along with other area farmers (who are unknown), research does not indicate that he rises to the level or was a significant individual in the history of Colorado or Weld County, the ditch is not known to be associated with any particular individual and is not significant under Criterion B. According to previous documentations portions of the ditch have been modified over the years (5AM474.3) and it does not reflect significant engineering or design. A small portion of the evaluated segment has been piped above ground in order to cross Little Dry Creek. The ditch is not the work of a Master, nor does it possess significant components and therefore is not eligible under Criterion C. As the property is unlikely to yield information important to history or pre-history, it is not significant under Criterion D of the National Register of Historic Places. The ditch segment retains integrity and likely has only had minor modifications. Although the ditch segment has been affected by road grading and highway work the overall segment retains the integrity of

design, materials, workmanship, feeling and association remains. For these reasons, the overall segment is considered a *supporting* segment of the overall canal.

Effects Determinations

Brantner Ditch (5WL.2649/5WL.2649.10): The current CBC will be extended 65 feet to the north and 45 feet to the south. The extension, with the removal of the headwall and wingwall, is a minor impact to the ditch segment and the overall entire resource. The project will not result in a realignment of the resource, it will not change the operation of the ditch or the segment, nor will it introduce a new feature to the channel and the project will benefit the stabilization of the road and ditch/ditch bank. The project will not change the integrity of the resource as the feeling, association, workmanship, design, location, materials and setting all remain. As mentioned previously the current CBC within the ditch channel that was constructed in 1958 and exempt from review. In addition, the project will not require any ROW or easements. Based upon these reasons, the project will result in a *no adverse effect* to the resource.

A letter and materials have been concurrently sent to the Colorado State Historic Preservation Office.

We request your comments on Eligibility and Effects outlined above. If you wish to comment, please do so within 30 days of receipt of this letter. In addition, if you require additional information to complete your review, please contact CDOT Region 4 Local Agency Environmental Project Manager and Historian Jacqueline Giles at (970) 350-2263.

Sincerely,



James Eussen, Planning and Environmental Unit Manager, CDOT Region 4

Attachments: Forms, Maps and Plans



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PoDI / NHS	
FHWA PROJECT OF DIVISION INTEREST (PoDI)?	☒ NO ☐ YES
NATIONAL HIGHWAY SYSTEM?	☐ NO ☒ YES

DEPARTMENT OF TRANSPORTATION

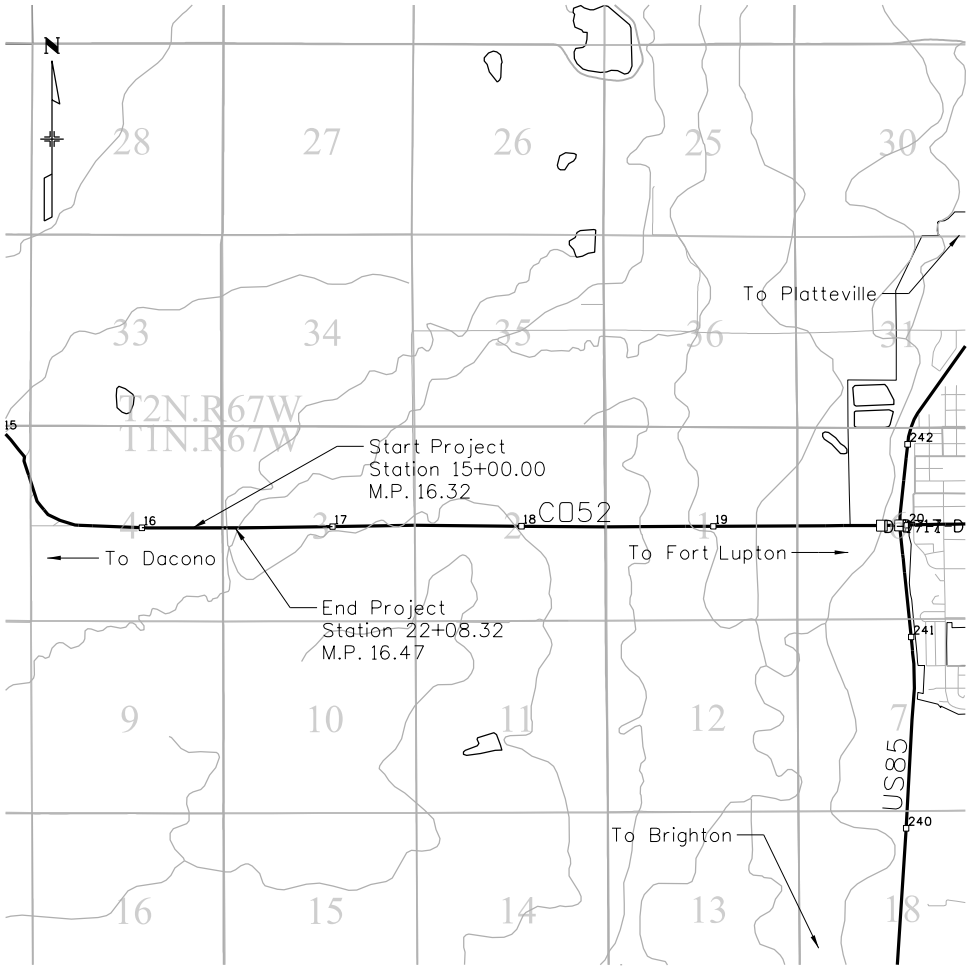
STATE OF COLORADO

HIGHWAY CONSTRUCTION BID PLANS OF PROPOSED
COLORADO PROJECT NO. FSA 052A-057
CO 52 CULVERT EXTENSION MP 16.4
WELD COUNTY
CONSTRUCTION PROJECT CODE NO. 24415

Related Projects:	
P. E. UNDER PROJECT: FSA 052A-057 Project Code:	FSA 052A-057 24415
R.O.W. Projects:	
R.O.W. Project Description N/A	

TABULATION OF LENGTH		
	ROADWAY	
	FEET	MILES
BEGIN PROJECT FSA 052A-057 STA. 15+00.00 ON CO 52, M.P. 16.32		
	708.32	0.15
END PROJECT FSA 052A-057 STA. 22+08.32 ON CO 52, M.P. 16.47		
TOTAL	708.32	0.15
SUMMARY OF PROJECT LENGTH	708.32	0.15
PROJECT GROSS LENGTH	708.32	0.15

DESIGN DATA	CO 52
MAXIMUM DESIGN SPEED	70 MPH
2019 DESIGN TRAFFIC	DHV = 11% ADT = 12,000
DHV TRUCK %	10%
CLEAR ZONE DISTANCE (TANGENT)	30 FT.



PROJECT LOCATION MAP



SHEET NO.	INDEX OF SHEETS
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3	GENERAL NOTES
4	TYPICAL SECTION
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6	CONSTRUCTION PHASING PLAN
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8	STRUCTURES PLAN
9	BOX CULVERT EXTENSION DETAILS

All seals for this set of drawings are applied to the cover page(s)	Print Date: 10/1/2021	Sheet Revisions <table><thead><tr><th>Date:</th><th>Comments</th><th>Init.</th></tr></thead><tbody><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></tbody></table>	Date:	Comments	Init.													Colorado Department of Transportation  10601 West 10th Street Greeley, CO 80634 Phone: 970-350-2144 Fax: XXX-XXX-XXXX Region 4 LEK	As Constructed	Contract Information	Project No./Code
	Date:		Comments	Init.																	
File Name: 24415_CDOT_HW_RD_DR_TITLE.dgn	Contractor:	FSA 052A-057																			
Horiz. Scale: Vert. Scale: As Noted	Resident Engineer: LOUIS E. KEEN																				
Unit Information	Project Engineer:	24415																			
	PROJECT STARTED: ACCEPTED:	Sheet Number																			
	Void:	Comments:																			

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COLORADO
DEPARTMENT OF TRANSPORTATION
M&S STANDARDS PLANS LIST
July 31, 2019

Revised on February 16, 2021

ALL OF THE M&S STANDARD PLANS, AS SUPPLEMENTED AND REVISED, APPLY TO THIS PROJECT WHEN USED BY DESIGNATED PAY ITEM OR SUBSIDIARY ITEM.

THE M&S STANDARD PLANS USED TO DESIGN THIS PROJECT ARE INDICATED BY A MARKED BOX ☒, AND WILL BE ATTACHED TO THE PLANS. ALL THE OTHER M&S STANDARD PLANS ARE STILL ELIGIBLE FOR CONSTRUCTION IF APPROVED BY AN APPROPRIATE CDOT ENGINEER.

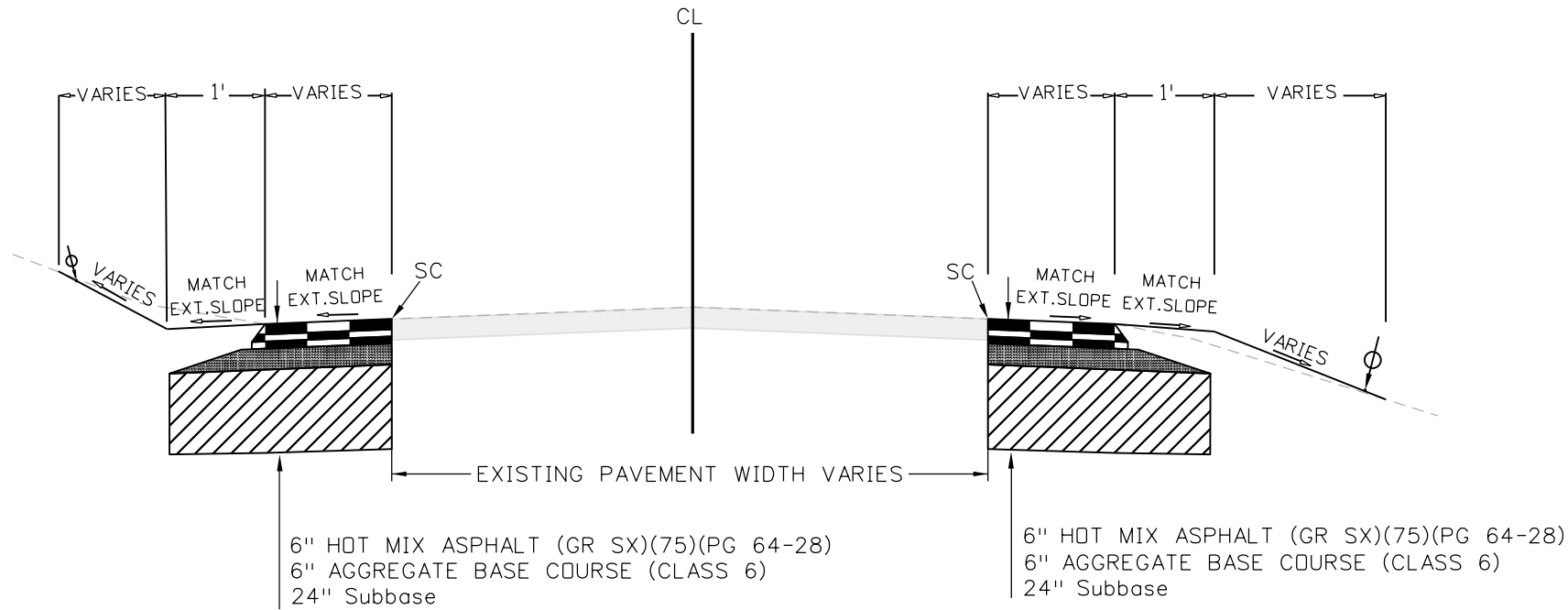
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	ROLLING ROADBLOCKS FOR TRAFFIC CONTROL	321-323
	(3 SHEETS)	

All seals for this set of drawings are applied to the cover page(s)	Print Date: 10/1/2021	0000	Sheet Revisions			Colorado Department of Transportation  Greeley, CO 80634 Phone: XXX-XXX-XXXX Fax: 970-350-2144 Region 4 LEK	As Constructed	STANDARD PLANS LIST			Project No./Code
	File Name: 24415_CDOT_HW_RD_DR_STANDARDSP		Date:	Comments	Init.		No Revisions:				FSA 052A-057
	Horiz. Scale: Vert. Scale: As Noted						Revised:	Designer:	Structure Numbers	24415	
	Unit Information						Void:	Detailer:		Sheet Number	
								Sheet Subset:	Subset Sheets:		

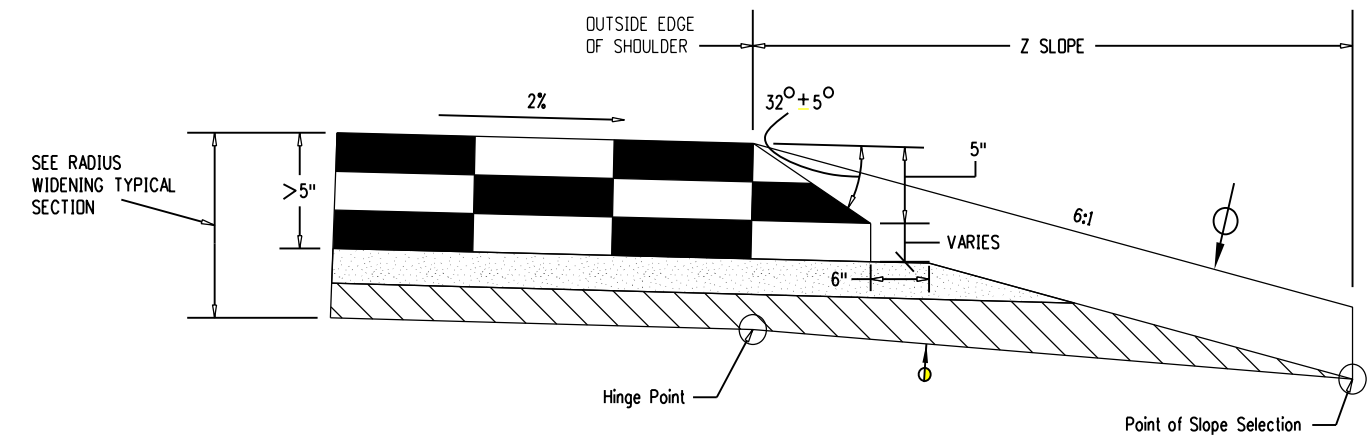
1. FOR PRELIMINARY PLAN QUANTITIES OF PAVEMENT MATERIALS, THE FOLLOWING RATES WERE USED:
TACK COAT DILUTED EMULSIFIED ASPHALT.....@ 0.15 GALS./SQ. YD. (DILUTED)
BITUMINOUS PAVEMENT [XXXX].....@ 110 LBS./SQ. YD./INCH
AGGREGATE BASE COURSE CLASS-6.....@ 133 LBS./CU. FT.
2. DILUTED EMULSIFIED ASPHALT FOR TACK COAT SHALL CONSIST OF 1 PART EMULSIFIED ASPHALT AND 1 PART WATER.
3. WATER SHALL BE USED AS A DUST PALLIATIVE WHERE REQUIRED. LOCATIONS SHALL BE AS DIRECTED BY THE ENGINEER.
4. ANY LAYER OF BITUMINOUS PAVEMENT THAT IS TO HAVE A SUCCEEDING LAYER PLACED THEREON SHALL BE COMPLETED FULL WIDTH BEFORE SUCCEEDING LAYER IS PLACED.
5. ASPHALT LONGITUDINAL JOINTS SHALL BE CONSTRUCTED 6 TO 12 INCHES FROM CENTERLINES, LANE LINES AND OUTSIDE EDGE OF TRAVEL LANES IN ACCORDANCE WITH SECTION 401.16. THE CONTRACTOR SHALL SUBMIT A JOINT PLAN 3 DAYS PRIOR TO THE PRE-PAVE MEETING.
6. THE CONTRACTOR SHALL NOT PARK ANY VEHICLES OR EQUIPMENT IN, OR DISTURB ANY AREAS NOT APPROVED BY THE ENGINEER.
7. PRIOR TO PLACING ANY LAYER OF BITUMINOUS PAVEMENT, THE PAVED SURFACE SHALL BE SWEEPED AND CLEANED BEFORE APPLICATION OF THE TACK COAT. THIS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE HOT MIX ASPHALT PAVEMENT ITEM. A TACK COAT SHALL BE APPLIED BETWEEN EVERY BITUMINOUS LAYER AND ON THE MILLED SURFACE.
8. THE SEVERITY OF SULFATE EXPOSURE FOR THIS PROJECT IS CLASS (0-3).
9. DEPTH OF MOISTURE-DENSITY CONTROL FOR THIS PROJECT SHALL BE AS FOLLOWS:
FULL DEPTH OF EMBANKMENTS WITHIN 100 FEET OF BRIDGE ABUTMENTS.
TOP [XX] FEET OF THESE EMBANKMENTS WHICH [XX] FEET OR MORE IN HEIGHT.
FULL DEPTH OF EMBANKMENTS WHICH ARE LESS THAN [XX] FEET IN HEIGHT.
FULL DEPTH OF ALL EMBANKMENTS:
BASES OF CUTS AND FILLS [XX] FEET.
BASES OF FILLS [XX] FEET OR LESS IN HEIGHT, [XX] FEET.
FULL DEPTH OF SPUR DIKES [CHECK WITH BRIDGE SECTION].
FULL DEPTH OF EMBANKMENT SECTIONS USED FOR DITCHES AND CHANNEL CHANGES.
10. EXCAVATION REQUIRED FOR COMPACTION OF BASES OF CUTS AND FILLS WILL BE CONSIDERED AS SUBSIDIARY TO THAT OPERATION AND WILL NOT BE PAID FOR SEPARATELY.
11. IT IS ESTIMATED THAT [XX] DAYS OF TRAFFIC CONTROL MANAGEMENT WILL BE REQUIRED ON THIS PROJECT.
12. IT IS ESTIMATED THAT [XX] DAYS OF TRAFFIC CONTROL INSPECTION WILL BE REQUIRED ON THIS PROJECT.
13. IT IS ESTIMATED THAT [XX] HOURS OF FLAGGING WILL BE REQUIRED ON THIS PROJECT.
14. IT IS ESTIMATED THAT [XX] SANITARY FACILITY WILL BE REQUIRED ON THIS PROJECT.

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	File Name: 24415_CDOT_HW_DR_GENERALNOTES.dgn		Date:	Comments	Init.		No Revisions:					FSA 052A-057	
	Horiz. Scale: Vert. Scale: As Noted						Revised:	Designer:	Structure Numbers	24415			
	Unit Information							Detailer:					
								Void:	Sheet Subset:	Subset Sheets:	Sheet Number		

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RADIUS WIDENING TYPICAL SECTION
N.T.S.



SAFETY EDGE DETAIL FOR HOT MIX ASPHALT PAVEMENT
GREATER THAN 5 INCHES
N.T.S.

TYPICAL SECTION NOTES

- P.G.L. PROFILE GRADE LINE
SC SAWCUT, SEE ROADWAY PLAN FOR LIMITS.
⊕ MINIMUM 4" TOPSOIL OR SPECIFIED ALTERNATIVE

SAFETY EDGE DETAIL NOTES

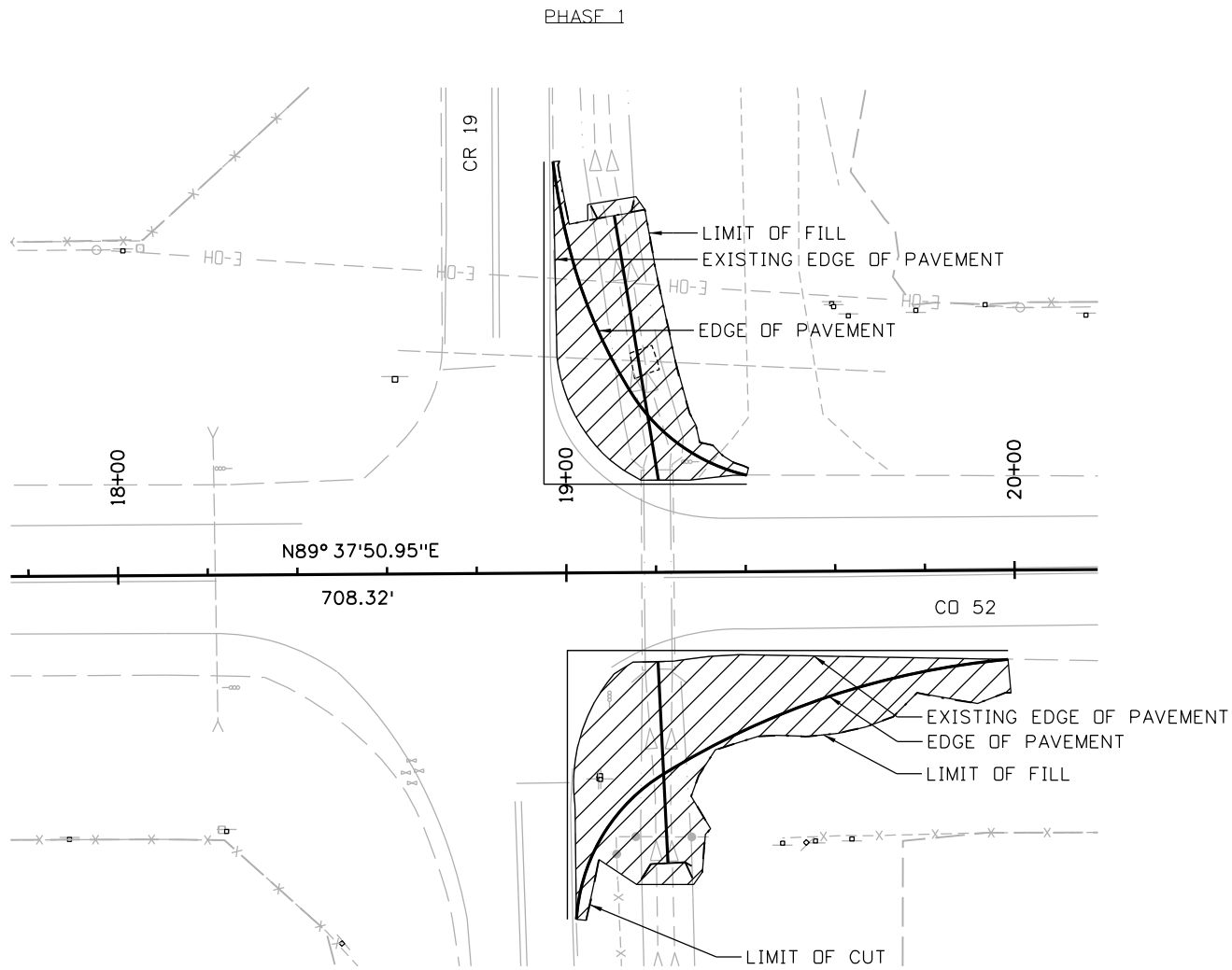
1. THE SAFETY EDGE WILL BE CONSTRUCTED AS PART OF THE ROADWAY PAVEMENT. A SHOULDER WEDGE DEVICE WILL BE ADDED TO THE SCREED OF THE PAVING MACHINE.
2. THE CONTRACTOR MAY USE A SHOULDER WEDGE MAKER OR A SIMILAR DEVICE THAT PRODUCES THE SAME COMPACTION RESULTS.
3. SHORT SECTIONS OF HANDWORK WILL BE ALLOWED WHEN NECESSARY FOR TRANSITIONS AND TURNOUTS.
4. SITE PREPARATION AND ADDITIONAL EARTHWORK REQUIRED TO CONSTRUCT THE SAFETY EDGE WILL NOT PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE WORK.

LEGEND

- △ - SAFETY EDGE WITH A 30°-35° SLOPE AND SHOULDER MATERIAL (SEE SAFETY EDGE DETAILS).
- T - TOTAL THICKNESS OF THE PAVEMENT STRUCTURE FROM TOP OF PAVEMENT TO TOP OF SUBGRADE.
- ⊕ - SUBGRADE Z SLOPE 50:1 OR STEEPER. (2%)
- ⊕ - MINIMUM 4" TOPSOIL OR SPECIFIED ALTERNATIVE.
- ▨ - BASE COURSE
- ▨ - SUBBASE

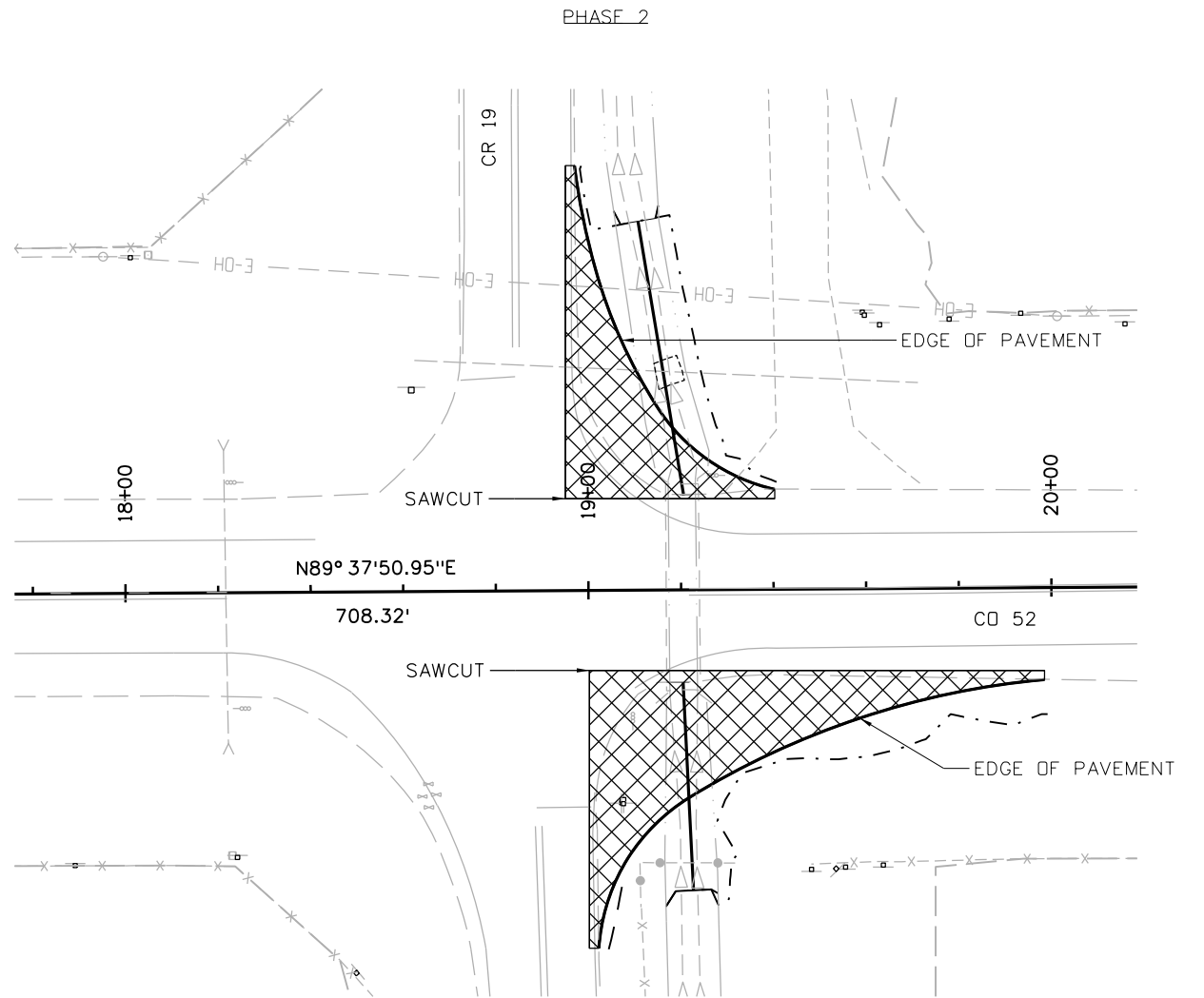
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PHASE 1 NOTES

1. TRAFFIC CONTROL
2. COMPLETE UTILITY RELOCATION WORK
3. REMOVAL OF FENCE
4. REMOVE EXISTING HEADWALLS AND WINGWALLS
5. EXTEND CONCRETE BOX CULVERT AND BACKFILL
6. INSTALL NEW PAVEMENT SUBGRADE
7. INSTALL DETOUR PAVEMENT BETWEEN EXISTING EDGE OF PAVEMENT AND EDGE OF PAVEMENT
8. TEMPORARY SIGNING AND STRIPING



PHASE 2 NOTES

1. TRAFFIC CONTROL
2. REMOVE DETOUR PAVEMENT
3. SAWCUT EXISTING PAVEMENT
4. INSTALL FINAL PAVEMENT BETWEEN SAWCUT AND EDGE OF PAVEMENT
5. FINAL SIGNING AND STRIPING

LEGEND

PHASE 1

PHASE 2

All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/1/2021
File Name: 24415_CDOT_HW_DR_PHASING.dgn
Horiz. Scale: Vert. Scale: As Noted
Unit Information

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Region 4

Greeley, CO 80634
Phone: 970-350-2144
Fax: XXX-XXX-XXXX

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As Constructed

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CONSTRUCTION PHASING PLAN

Designer:

Detailer:

Sheet Subset:

Structure Numbers

Subset Sheets:

Project No./Code

FSA 052A-057

24415

Sheet Number

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GENERAL NOTES

Structure excavation and backfill shall be in accordance with M-206-1 for concrete box culvert and cast-in-place retaining walls.

All exposed concrete surfaces shall receive a Class 1 final finish to one foot below the ground line.

Expansion joint material shall meet AASHTO Specification M213.

Grade 60 reinforcing steel is required.

All construction joints not shown on the plans shall be approved by the Engineer.

All construction joints shall be thoroughly cleaned before fresh concrete is placed.

Backfill shall not begin until top slab has reached the design strength f'c.

Wingwalls shall be constructed in accordance with standard M-601-20.

All exposed concrete corners shall be chamfered 3/4 inch.

All dimensions are perpendicular to the centerline of the box.

All transverse reinforcing shall be normal to the centerline of the box.

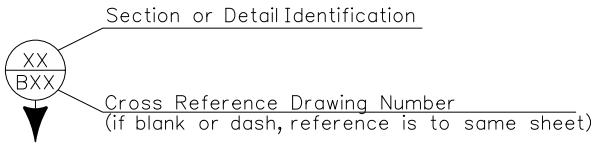
The Contractor shall be responsible for the stability of the structure during construction.

For structure number installation, see Standard S-614-12.

Stations, Elevations, and Dimensions contained in these plans are calculated from a recent field survey. The Contractor shall verify all dependent dimensions in the field before ordering or fabricating any material.

All longitudinal and transverse dimensions are measured horizontally and include no correction for grade.

The information shown on these plans concerning the type and location of underground utilities is not guaranteed to be accurate or all inclusive. The Contractor is responsible for making his own determination as to the type and location of underground utilities as may be necessary to avoid damage thereto. The Contractor shall contact the Utility Notification Center of Colorado at 811 (1-800-922-1987) at least 3 days (2 days not including the day of notification) prior to any excavation or other earthwork.



INDEX OF DRAWINGS

- B01 GENERAL INFORMATION. SUMMARY OF QUANTITIES
- B02 GENERAL LAYOUT
- B03 BOX CULVERT EXTENSION DETAILS

BRIDGE DESCRIPTION

052A016420BR:
65' Extension at North outlet and 45' Extension at the South outlet of the existing 1 cell x 4' x 6' x 48' CBC built in 1958 carrying SH52 over Brantner Ditch 3.5 miles West of Junction 85. Angle between CL Roadway and CL CBC = 90°.

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			outlet extension of 052A016420BR (1 cell 4'x6')				
ITEM NO.	DESCRIPTION	UNIT	CBC & HEADWALLS	WINGWALLS	CHANNEL PROTECTION		TOTAL
					INLET	OUTLET	
202-00400	Removal of Bridge	EACH					
202-00495	Removal of Portions of Present Structure	LS					X
203-00010	Unclassified Excavation (CIP)	CY			XX	XX	X
206-00000	Structure Excavation	CY	X	X			X
206-00200	Structure Backfill (Class 2)	CY	X	X			X
420-00102	Geotextile (Erosion Control)(Class 1)	SY			X	X	X
506-00005	Riprap	SY			X	X	X
601-03030	Concrete Class D (Box Culvert)	CY	X	X			X
602-00020	Reinforcing Steel(Epoxy Coated)	LB	X	X			X
601-03030	Concrete Class D (Box Culvert)	CY	X	X			X
602-00020	Reinforcing Steel(Epoxy Coated)	LB	X	X			X
602-00020	Reinforcing Steel(Epoxy Coated)	LB	X	X			X

See Drainage Channel Plan sheet for additional channel protection quantities.

DESIGN DATA

AASHTO, LRFD 9th Edition, 2020, with current interims

Design Method: Load and Resistance Factor Design

Reinforced Concrete: Class D Concrete (Box Culvert): f'c = 4,500 psi
Reinforcing Steel: fy = 60,000 psi

Live Load CBC: HL-93 (design truck or tandem, and design lane load)

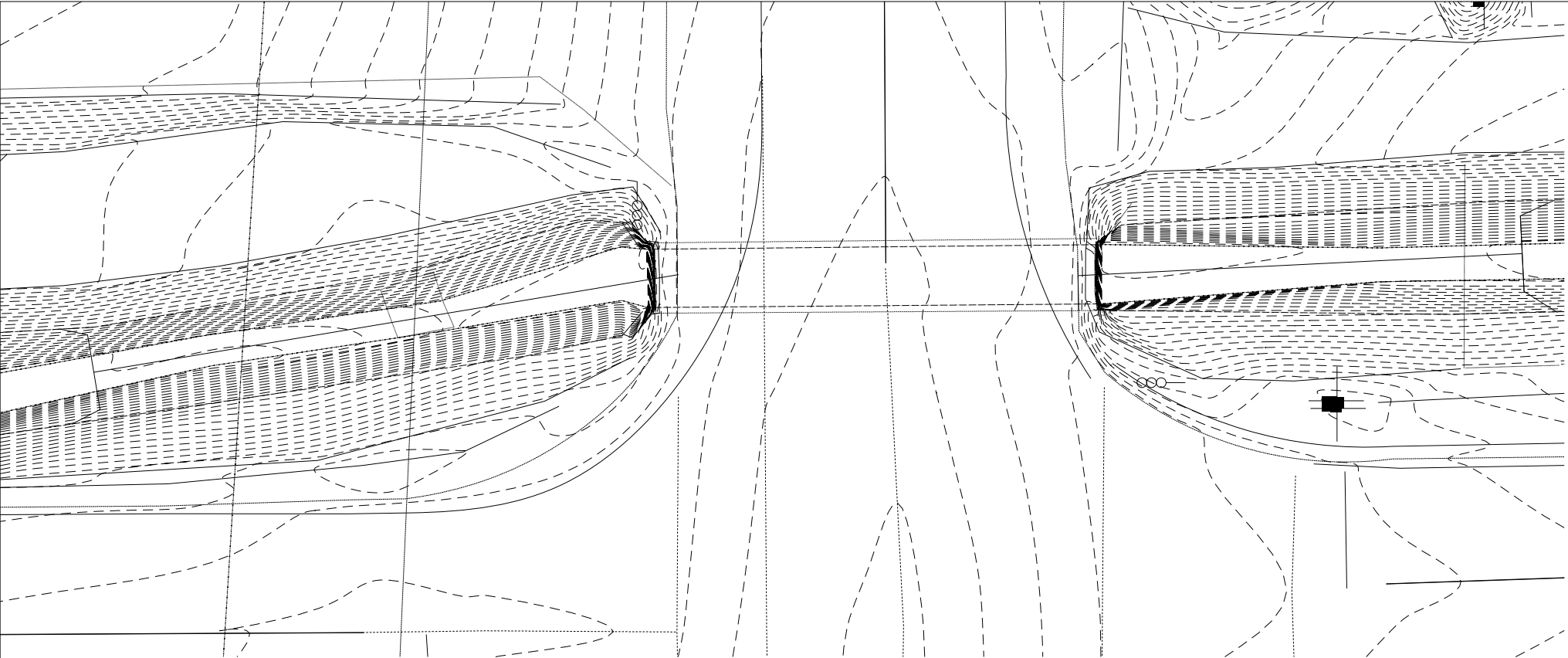
Dead Load CBC: 125 lbs. per cu. ft. for soils
146.67 lbs. per cu. ft. for asphalt

Wingwall Loading:
At-rest earth fluid pressure for concrete stem design = 55 pcf for 2 (min) : 1 sloped backfill
Active earth fluid pressure for concrete footing design = 40 pcf for 2 (min) : 1 sloped backfill
Live load surcharge = 2'
Minimum resistance for soil bearing = 5.5 ksi
Soil bearing resistance factor = 0.45

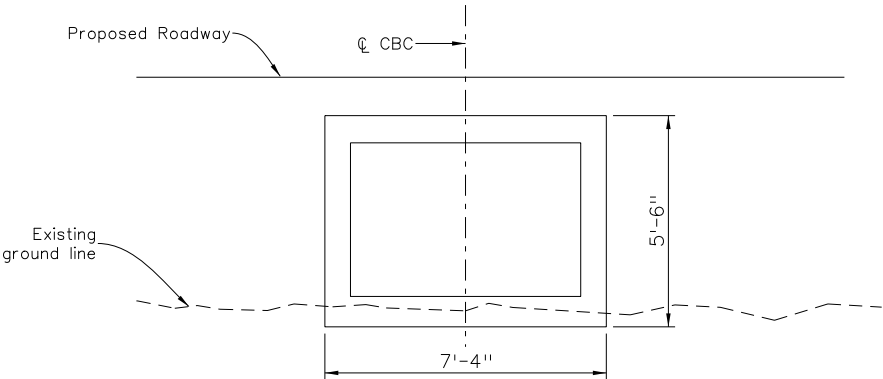
Print Date: 9/28/2021			Sheet Revisions			Colorado Department of Transportation 10601 West 10th Street Greeley, CO 80634 Phone: 970-350-2144 FAX: 970-350-2181 Region 4 LEK	As Constructed		GENERAL INFORMATION SUMMARY OF QUANTITIES			Project No./Code		
File Name: 24415-CDOT_HW_SB_DR_00001			Date:	Comments	Init.		No Revisions:					xxx xxx-xxx		
Horiz. Scale: NTS Vert. Scale: NTS								Revised:		Designer: C.Lenway	Structure	052A016420BR	24415	
Staff Bridge Branch - Unit 0226 JWJ								Void:		Detailer: C.Lenway		Numbers		
										Sheet Subset: BRIDGE		Subset Sheets: B01 of B03		
									Near: Sec. Township Range			Station XXX+XX to Station XXX+XX		

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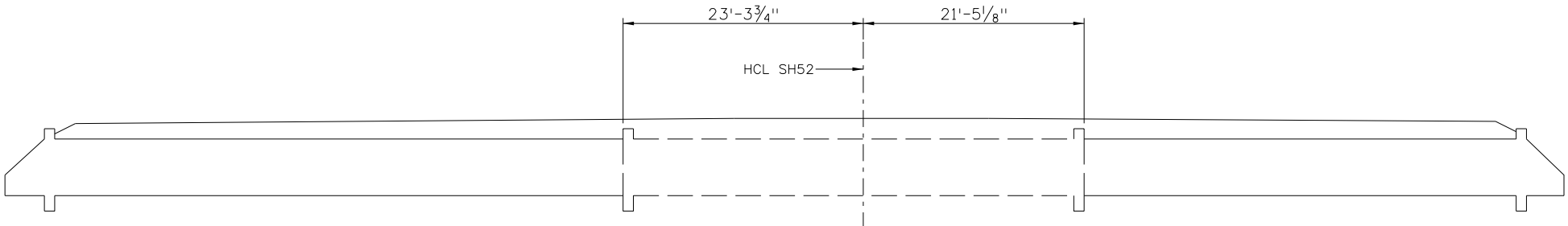
Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE
Designed By		Detailed By		Quantities By	
Checked By		Checked By		Checked By	



PLAN



TYPICAL SECTION
EXTENSION

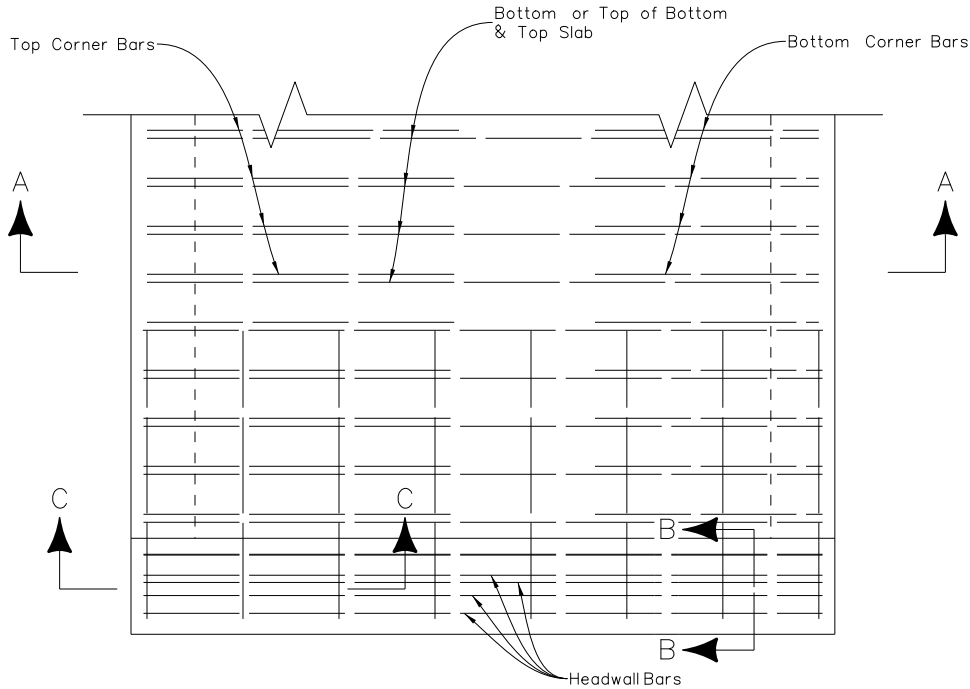


ELEVATION

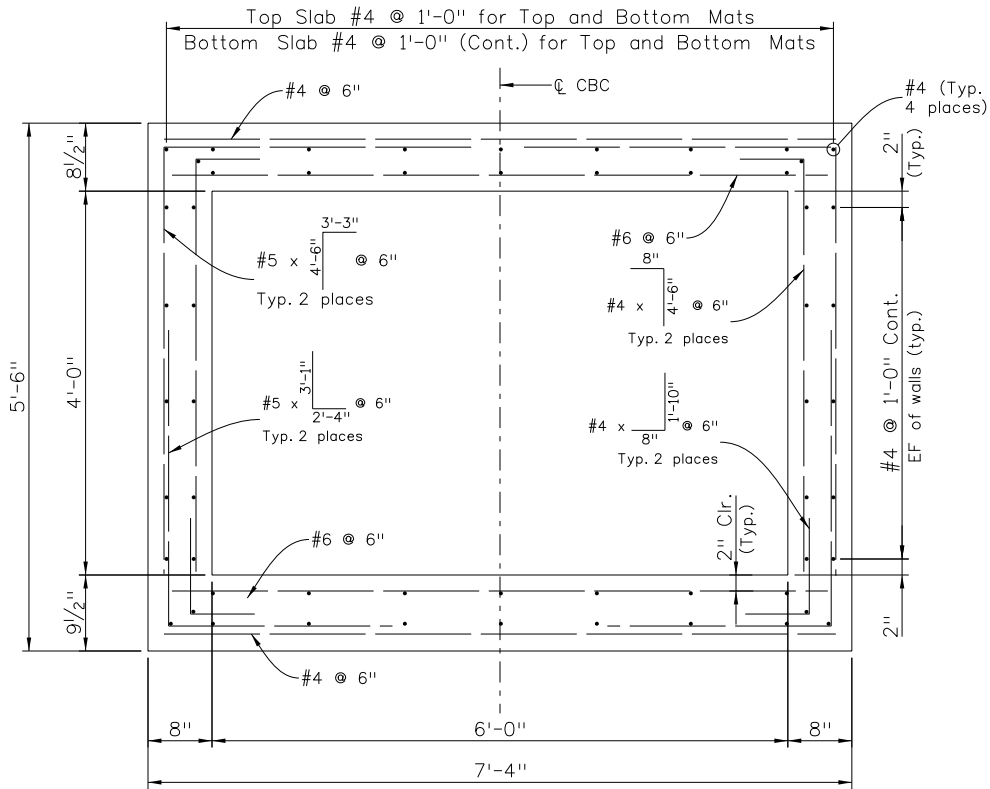
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Horiz. Scale: NTS Vert. Scale: As Noted						10601 West 10th Street Greeley, CO 80634 Phone: 970-350-2144 FAX: 970-350-2181	Revised:	Designer: C.Lenway	Structure Numbers	X-XX-XX	Code
Staff Bridge Branch - Unit 022X XXX							Void:	Detailer: C. Lenway		X-XX-XX	
					Region 4	LEK		Sheet Subset: XXXXXXXX	Subset Sheets: B02 of B03		Sheet Number

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Design	INITIAL	DATE	Designed By	Checked By	Detail	INITIAL	DATE	Detailed By	Checked By	Quantities	INITIAL	DATE



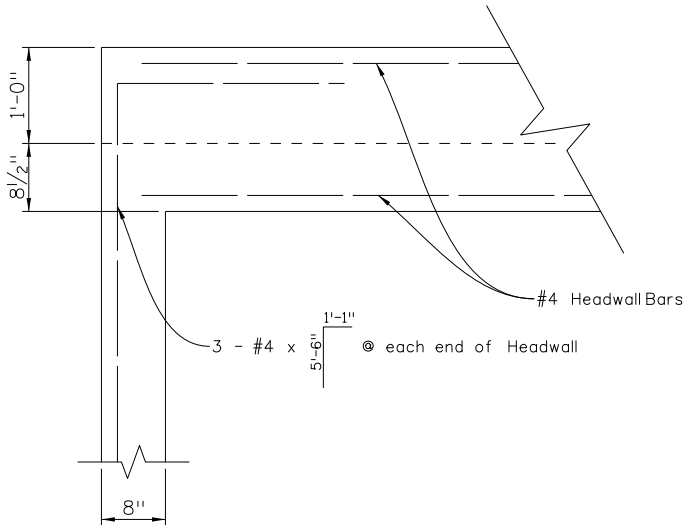
REINFORCING PLAN



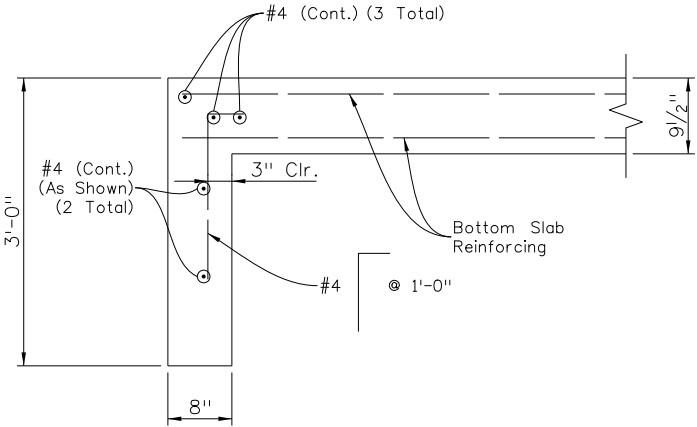
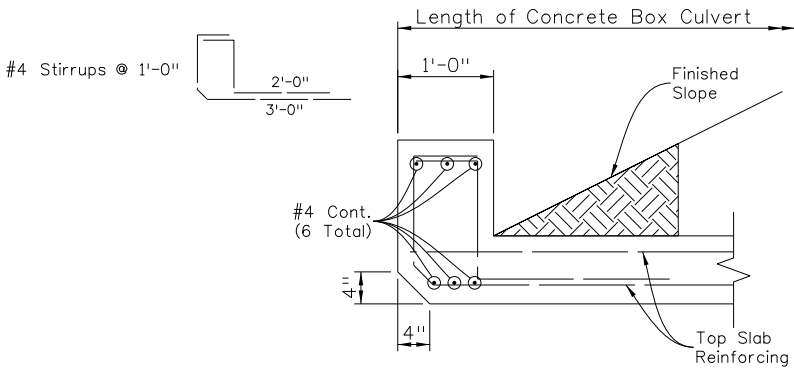
SECTION A-A

BAR SIZE	#4	#5	#6
SPLICE LENGTH	1'-6"	1'-11"	2'-3"

MINIMUM LAP SPLICE LENGTH
FOR BLACK REINFORCING BARS



SECTION C-C



SECTION B-B

NOTES

Quantities for Box Culvert, Headwall, and Toewall are per linear foot. Reinforcing quantities include all reinforcing. Quantities shall be paid for as shown in plans.

BOX CULVERT QUANTITIES

Concrete Quantity = 0.784 CY/FT
Reinforcing Steel Quantity = 200 LB/FT

HEADWALL AND TOEWALL QUANTITIES

Concrete Quantity = .086 CY/FT
Reinforcing Steel Quantity = 23 LB/FT

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File Name: 24415_CDOT_HW_SB_DR_00003
Horiz. Scale: NTS Vert. Scale: As Noted
Staff Bridge Branch - Unit 022X XXX

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Region 4

LEK

As Constructed	BOX CULVERT EXTENSION DETAILS				Project No./Code
	No Revisions:				Project Number
	Revised:	Designer:	C.Lenway	Structure Numbers	X-XX-XX
		Detailer:	C.Lenway	X-XX-XX	Code
	Void:	Sheet Subset:	XXXXXXX	Subset Sheets:	B03 of B03

Sheet Number

Management Data Form

A *Management Data Form* should be completed for each cultural resource recorded during an archaeological survey. Isolated finds and revisits are the exception and they do not require a *Management Data Form*. Please attach the appropriate component forms and use continuation pages if necessary. Fields can be expanded or compressed as necessary.

1. **Resource Number:** 5WL.2649/5WL.2649.102. **Temporary Resource Number:**3. **Attachments (check as many as apply)**

- ☐ Prehistoric Archaeological Component
☐ Historic Archaeological Component
☒ Linear Component
☒ Sketch/Instrument Map (required)
☒ U.S.G.S. Map Photocopy (required)
☒ Photograph(s) (required)
☐ Other, specify:

4. **Official determination (OAHPI use only)**

- ☐ Determined Eligible NR\SR _____
☐ Determined Not Eligible NR\SR _____
☐ Nominated _____
☐ Need Data NR\SR _____
☐ Contributing to NR Dist.\SR Dist. _____
☐ Not Contributing to NR Dist.\SR Dist. _____
☐ Supports overall linear eligibility NR\SR _____
☐ Does not support overall linear eligibility NR\SR _____

I. IDENTIFICATION5. **Resource Name:** Brantner Ditch6. **Project Name/Number:** SH 52/WCR 19 Culvert Extension and Turning Radi Project Improvement - SA 244157. **Government Involvement:** ☒ Local ☒ State ☐ Federal

Agency:

8. **Site Categories (check as many as apply):**Prehistoric: ☐ archaeological site ☐ paleontological site ☐ In existing National Register District

National Register District name:

Historic: ☐ archaeology site ☐ building(s) ☐ structure(s) ☐ object(s) ☐ In existing National Register District

National Register District name:

9. **Owner(s) Name and Address:** New Brantner Extension Ditch Company - 2528 Weld Co Rd 19

Fort Lupton, CO, 8062

10. **Boundary Description and Justification:** The segment of the Brantner Ditch extends approximately 1,320 feet long. With the entire resources water source being the Platte River11. **Site/Property Dimensions** Length: m Width: m Area: m² Acres (m²/4047):Area was calculated as: ☐ Length x Width (rectangle/square) ☐ Length x Width x 0.785 (Ellipse) ☐ GIS**II. LOCATION**12. **Legal Location**PM 6 Township 1N Range 67W Section 3 1/4 1/4PM 6 Township 1N Range 67W Section 4 1/4 1/4PM Township Range Section 1/4 1/4PM Township Range Section 1/4 1/4

If section is irregular, explain alignment method:

13. **USGS Quad:** Frederick14. **County:** Weld15. **UTM Coordinates:** Datum used ☐ NAD 27 ☒ NAD 83 ☐ WGS 84 Other:

Management Data Form

Resource Number: 5WL.2649/5WL.2649.10

Temporary Resource Number:

A. Zone __; 509710 mE 4436824 mN

B. Zone __; 509707 mE 4436734 mN

C. Zone __; 509710 mE 4436648 mN

D. Zone __; 509713 mE 4436546 mN

16. UTM Source: ☐ Corrected GPS/rectified survey (<5m error) ☐ Uncorrected GPS ☐ Map template

Other (explain):

17. Site elevation (feet): 4,908 approximately

18. Address:

Lot:

Block:

Addition:

19. Location/Access: Weld County Road 19 and State Highway 52, Ft Lupton CO

III. NATURAL ENVIRONMENT/SITE CONDITION

20. General Description (should include both on site as well as geographical setting with aspect, landforms, vegetation, soils, depositional environment, water, ground visibility):

21. Soil depth (cm) and description:

22. Condition

Management Data Form

Resource Number: 5WL.2649/5WL.2649.10

Temporary Resource Number:

a. Architectural/Structural

- ☐ Excellent
- ☒ Good
- ☐ Fair
- ☐ Deteriorated
- ☐ Ruin

b. Archaeological/Paleontological

- ☐ Undisturbed
- ☐ Light disturbance
- ☐ Moderate disturbance
- ☐ Heavy disturbance
- ☐ Total disturbance

23. **Describe condition:** The ditch segment is parallel to Weld County Road 19 and intersects with SH 52. There are earthen side turn offs, debris, gravel, etc within the ditch segment. A portion of the ditch is piped(above ground) in order to cross Little Dry Creek.

24. **Vandalism:** ☐ Yes ☒ No
Describe:

IV. NATIONAL/STATE REGISTER ELIGIBILITY ASSESSMENT

25. Context or Theme:

26. Applicable National Register Criteria:

- ☒ A. Associated with events that have made a significant contribution to the broad pattern of our history
- ☐ B. Associated with the lives of persons significant in our past
- ☐ C. Embodies the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction
- ☐ D. Has yielded, or may be likely to yield, information important in history or prehistory
- ☐ Does not meet any of the National Register criteria
- ☐ Qualifies under exceptions A through G. List exception(s):

27. Applicable State Register Criteria:

- ☒ A. Property is associated with events that have made a significant contribution to history
- ☐ B. Property is connected with persons significant in history
- ☐ C. Property has distinctive characteristics of a type, period, method of construction or artisan
- ☐ D. Property is of geographic importance
- ☐ E. Property contains the possibility of important discoveries related to prehistory or history
- ☐ Does not meet any of the State Register criteria

28. **Area(s) of significance:** Agricultural development

29. **Period(s) of significance:** Mid 1860's to the early 1900's

30. **Level of significance:** ☐ National ☒ State ☒ Local

Management Data Form

Resource Number: 5WL.2649/5WL.2649.10

Temporary Resource Number:

31. Statement of significance: The Brantner Ditch, first appropriated April 1, 1860, is eligible for listing on the National Register of Historic Places under Criterion A, in the area of agriculture, for its role of farming in the area and for Northern Colorado area. According to, www.picryl.com, "the ditch is the oldest irrigation system in Water District No. 2 of the South Platte River in Colorado. The ditch was constructed by pioneer farmers and continues to serve as an important component of the agricultural industry in this portion of Colorado's northeastern plains." Although constructed by Samuel Brantner along with other area farmers (who are unknown), research does not indicate that he raises to the level or was a significant individual in the history of Colorado or Weld County, the ditch is not known to be associated with any particular individual and is not significant under Criterion B. According to previous documentations portions of the ditch have been modified over the years (5AM474.3) and it does not reflect significant engineering or design. One of area of the evaluated segment has been piped in order to cross Little Dry Creek. The Ditch is not the work of a Master, nor does it possess significant components and therefore is not eligible under Criterion C. As the property is unlikely to yield information important to history or pre-history, it is not significant under Criterion D of the National Register of Historic Places. The ditch segment retains integrity and likely has only had minor modifications. Although the Ditch segment has been affected by road grading and highway work the overall segment retains the integrity of design, materials, workmanship, feeling and association remains. For these reasons, the overall segment is considered a supporting segment of the overall canal.

32. Statement of historic integrity related to significance: The segment in the project area includes the area of the ditch that extends to the intersection of WCR 19 and SH 52. One area has been piped above Little Dry Creek so the ditch can have continual flow. Although the Ditch segment has likely had minor modifications and it has been affected by road grading and highway work the overall segment retains the integrity of design, materials, workmanship, feeling and association the remains. For these reasons, the overall segment is considered a supporting segment of the overall canal.

33. National Register Eligibility Field Assessment:

☒ Eligible

☐ Not eligible

☐ Need data

Linear Segment Evaluation (if applicable):

☒ Supporting

☐ Non Supporting

34. Status in an Existing National Register District:

☐ Contributing

☐ Non-contributing

35. State Register Eligibility Field Assessment:

☒ Eligible

☐ Not eligible

☐ Need data

36. Status in an Existing State Register District:

☐ Contributing

☐ Non-contributing

37. National/State Register District Potential: ☐ Yes ☒ No Describe: There is no potential for this area to be a Historic District.

38. Cultural Landscape Potential: ☐ Yes ☒ No Describe: Further research is needed to determine if there is potential for a larger agricultural district.

39. If Yes to either 37 or 38, is this site: ☐ Contributing ☒ Non-contributing Explain: Further research is needed to determine if there is potential for a rural historic landscape.

Management Data Form

Resource Number: 5WL.2649/5WL.2649.10

Temporary Resource Number:

V. MANAGEMENT AND ADMINISTRATIVE DATA

40. **Threats to Resource:** ☐ Water erosion ☐ Wind erosion ☐ Grazing ☐ Neglect ☐ Vandalism
☐ Recreation ☐ Construction ☐ Other (explain):

41. **Existing protection** ☐ None ☐ Marked ☐ Fenced ☐ Patrolled ☐ Access controlled
Other (specify):

Comments:

42. **Local landmark designation:**

43. **Easement:**

44. **Recorder's Management Recommendations:**

VI. DOCUMENTATION

45. **Previous actions accomplished at the site:** ☐ Tested ☐ Partial excavation ☐ Complete excavation

Date(s):

a. Excavations:

b. Stabilization:

Date(s):

c. HABS/HAER documentation [date(s) and numbers]:

d. Other:

46. **Known collections/reports/interviews and other references (list):** www.picryl.com accessed on April 26, 2021. COMPASS online review of the Brantner Ditch

47. **Primary location of additional data:**

48. **State or Federal Permit number:**

49. **Collection:** Artifact collection authorized: ☐ Yes ☐ No Were artifacts collected: ☐ Yes ☐ No
Artifact repository:

Collection method: ☐ Diagnostics ☐ Grab Sample ☐ Random Sample

Other (specify):

50. **Photograph Numbers:**

Files or negatives stored at: Colorado Department of Transportation Region Four - Greeley

51. **Report title:** SH 52/WCR 19 Culvert Extension and Turning Radi Project Improvement SA 24415

52. **Recorder(s):** Jacqueline Giles

Date: 4/27/2021

53. **Recorder affiliation:** CDOT

Phone number/Email:

NOTE: Please attach a site map, a photocopy of the USGS 1:24000 map indicating resource location, and photographs.

History Colorado - Office of Archaeology & Historic Preservation
1200 Broadway, Denver, CO 80203
303-866-3395

Linear Component Form

Rev. 11/2010

This form should be completed for each linear resource or linear segment. Use this form in conjunction with the *Management Data Form*. Call OAHF staff (303-866-5216) prior to assigning a resource number.

I. Resource Identification

1. **Resource Number:** 5WL.2649/5WL.2649.10 2. **Temporary Resource Number:**

3. **Site Name:** **Brantner Ditch Segment**

4. **Record of:** ☐ Entire resource ☒ Segment

II. Resource Description

5. **Resource Type:** ☐ Road ☐ Railroad ☐ Trail ☒ Ditch/Canal

Other (specify):

6. **Component Description:** The segment is approximately 1320 feet long, including about a 70 foot segment that extends in a concrete box culvert under State Highway 52. The segment is represented by open channel and is piped above ground in one area in order to span Little Dry Creek. The entire Ditches water source is the Platte River.

7. **Original use:** Irrigation Ditch

8. **Current use:** Irrigation Ditch

9. **Modifications (describe and include dates):** A concrete box culvert was added to the this segment at the intersection of SH 52 and WCR 19 in 1958.

10. **Extent of Entire Resource:** The entire resource is a little over 20 miles long.

11. **Associated Artifacts:**

12. **Associated Features or Resources:** The segment includes a piped section in order to span Little Dry Creek

Linear Component Form

Resource Number: 5WL.2649/5WL.2649.10

Temporary Resource Number:

III. Research Information

13. **Architect/Engineer:** Unknown

Source(s) of Information:

14. **Builder:** Samuel Brantner and other area unknown farmers

Source(s) of Information: www.picryl.com

15. **Date of Construction / Date Range:** 1860's. First appropriation April 1, 1860

Source(s) of Information: "Crossroads to Eden", SWCA- 2003

16. **Historical / Archival Data:** The first Ditch constructed in the Ft. Lupton area was the Brantner Ditch, which opened agricultural farming to the area. It was built by Samuel Brantner and other area farmers.

Source: www.picryl.com

17. **Cultural Affiliation and Justification:**

IV. Management Recommendations

18. **Eligibility of Entire Resource**

☒ Eligible ☐ Not Eligible ☐ Need Data Is this an official determination? ☐ Yes ☐ No

Remarks / Justification: The Brantner Ditch, first appropriated April 1, 1860, is eligible for listing on the National Register of Historic Places under Criterion A, in the area of agriculture, for its role of farming in the area and for Northern Colorado area. According to, www.picryl.com, "the ditch is the oldest irrigation system in Water District No. 2 of the South Platte River in Colorado. The ditch was constructed by pioneer farmers and continues to serve as an important component of the agricultural industry in this portion of Colorado's northeastern plains." Although constructed by Samuel Brantner along with other area farmers(who are unknown), research does not indicate that he rises to the level or was a significant individual in the history of Colorado or Weld County, the ditch is not known to be associated with any particular individual and is not significant under Criterion B. According to previous documentations portions of the ditch have been modified over the years (5AM474.3) and it does not reflect significant engineering or design. One of area of the evaluated segment has been piped in order to cross Little Dry Creek. The Ditch is not the work of a Master, nor does it possess significant components and therefore is not eligible under Criterion C. As the property is unlikely to yield information important to history or pre-history, it is not significant under Criterion D of the National Register of Historic Places. The ditch segment retains integrity and likely has only had minor modifications. Although the Ditch segment has been affected by road grading and highway work the overall segment retains the integrity of design, materials, workmanship, feeling and association remains. For these reasons, the overall segment is considered a supporting segment of the overall canal.

19. **Evaluation of integrity of the segment of the entire linear resource being recorded** (Complete only if "Segment" under item 4 is checked and the entire resource is marked as Eligible under item 18)

☒ Supporting ☐ Non-supporting ☐ Not applicable

Linear Component Form

Resource Number: 5WL.2649/5WL.2649.10

Temporary Resource Number:

Remarks / Justification: The segment in the project area includes the area of the ditch that extends to the intersection of WCR 19 and SH 52. One area has been piped above the Creek so the ditch can have continual flow. Although the Ditch segment likely has had minor modifications and has been affected by road grading and highway work the overall segment retains the integrity of design, materials, workmanship, feeling and association remains. For these reasons, the overall segment is considered a supporting segment of the overall canal.

20. **Recorder(s):** Jacqueline Giles

21. **Date:** 4/27/2021

Colorado Historical Society - Office of Archaeology & Historic Preservation
1560 Broadway, Suite 400 Denver, CO 80202
303-866-3395

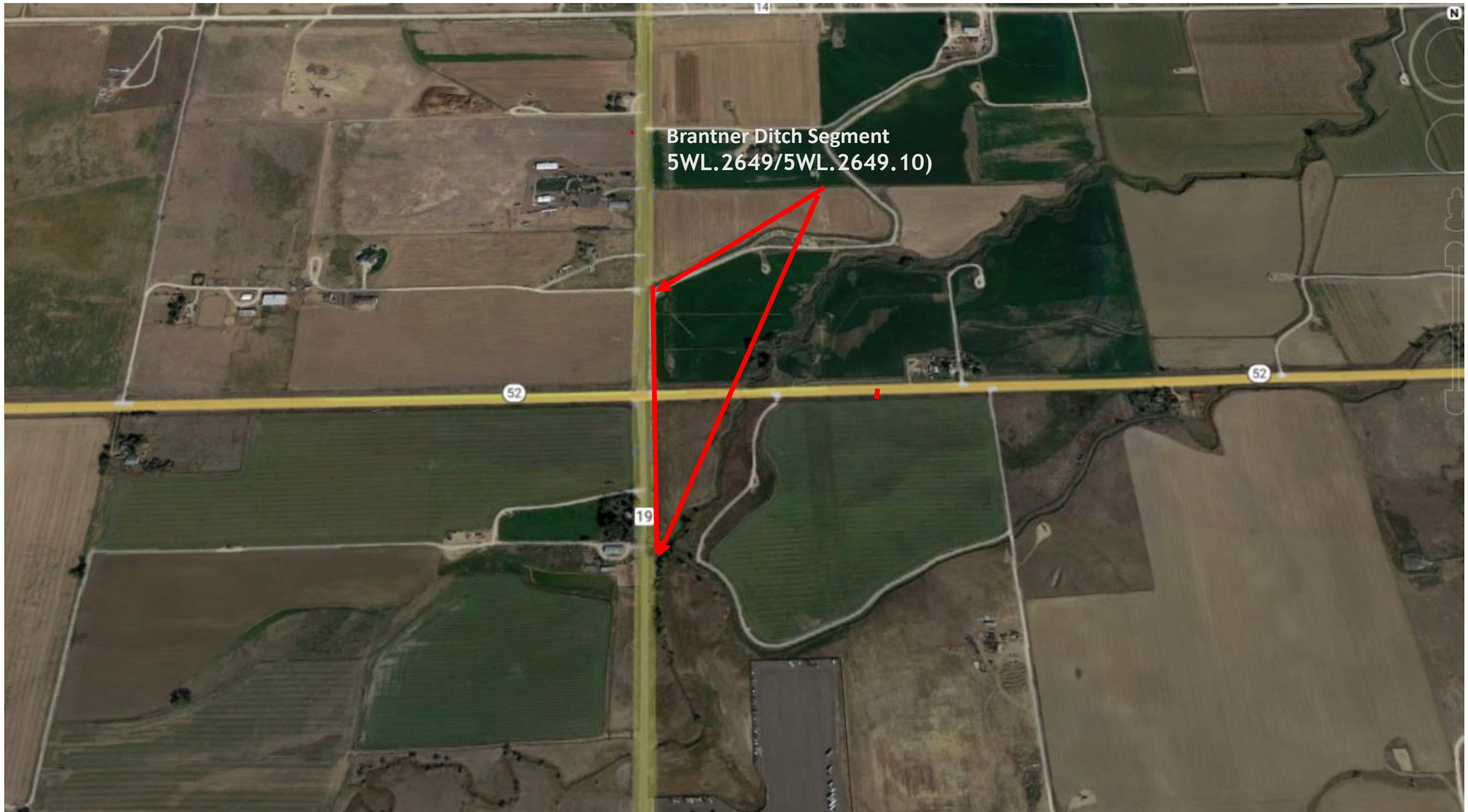
State Highway 52 & WCR 19
Intersection Project – Area of Potential
Effect (APE)

Weld County Road 19

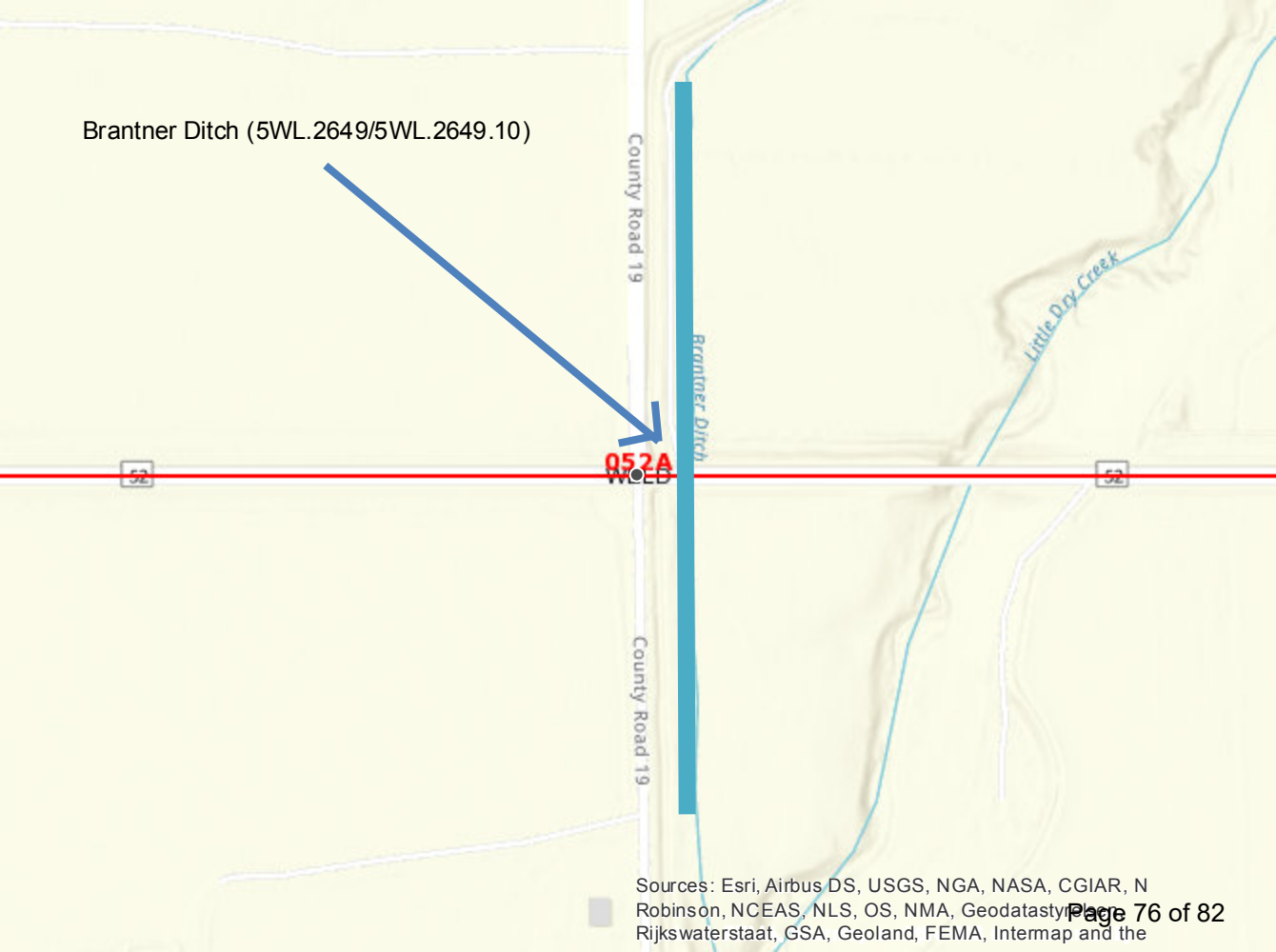
Brantner Ditch
Segment
5WL.2649/5WL.26
49.10)

State Highway 52





Brantner Ditch (5WL.2649/5WL.2649.10)





Looking toward State Highway (SH) 52 from Weld County Road (WCR) 19 – CBC (052A016420BR) - crossing the Brantner Ditch Segment (5WL.2649/5WL.2649.10)



Brantner Ditch Segment (5WL.2649/5WL.2649.10)



Brantner Ditch Segment (5WL.2649/5WL.2649.10)



Piped Brantner Ditch Segment (5WL.2649/5WL.2649.10)



Up-close Brantner Piped Ditch Segment (5WL.2649/5WL.2649.10)



Brantner Ditch Segment (5WL.2649/5WL.2649.10)



WCR 19



SH 52



Intersection of SH 52 and WCR 19



Intersection of SH 52 and WCR 19

