



**Planning and Community
Development Department**
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DEVIATION REQUEST AND DECISION FORM

Updated: 6/26/2019

PROJECT INFORMATION

Project Name : SF1819: Lorson Ranch East Filing 2

Schedule No.(s) : #:5500000402, 5500000426, 5514400007, 5514408088

Legal Description : A PARCEL OF LAND BEING A PORTION OF THE SOUTHWEST QUARTER (SW 1/4) SECTION 13, AND OF THE EAST HALF, SOUTHEAST QUARTER (E 1/2, SE 1/4) SECTION 14, AND A REPLAT OF TRACT E OF "PIONEER LANDING AT LORSON RANCH FILING NO. 2" AS RECORDED UNDER RECEPTION NUMBER 217713888 IN THE RECORDS OF EL PASO COUNTY, COLORADO, ALL IN TOWNSHIP 15 SOUTH, RANGE 65 WEST OF THE SIXTH PRINCIPAL MERIDIAN, EL PASO COUNTY, COLORADO.

BEGINNING AT THE QUARTER CORNER COMMON TO SECTIONS 13 AND 14; THENCE N89°32'23"E ALONG SAID NORTH LINE, A DISTANCE OF 1482.79 FEET;

THENCE S00°28'00"E A DISTANCE OF 454.28 FEET;

THENCE S02°33'09"E A DISTANCE OF 136.79 FEET;

THENCE N87°26'51"E A DISTANCE OF 9.30 FEET;

THENCE S02°33'09"E A DISTANCE OF 160.00 FEET TO THE NORTHERLY RIGHT-OF-WAY OF LAMPREY DRIVE, AS RECORDED IN "LORSON RANCH EAST FILING NO. 1" UNDER RECEPTION NUMBER 219714288 IN THE RECORDS OF EL PASO COUNTY, COLORADO; THENCE ALONG THE BOUNDARY OF "LORSON RANCH EAST FILING NO. 1" THE FOLLOWING TWENTY-ONE (21) COURSES:

1)THENCE S87°26'51"W A DISTANCE OF 111.93 FEET;

2) THENCE N47°33'09"W A DISTANCE OF 18.48 FEET;

3)THENCE N02°33'09"W A DISTANCE OF 16.93 FEET,

4) THENCE S87°26'51"W A DISTANCE OF 50.00 FEET;

5)THENCE S02°33'09"E A DISTANCE OF 19.24 FEET;

6)THENCE S71926°26"W A DISTANCE OF 46.20 FEET;

7)THENCE ALONG THE ARC OF A CURVE TO THE LEFT, SAID CURVE HAVING A RADIUS OF 595.00 FEET, A CENTRAL ANGLE OF 56°56'49" (THE CHORD OF WHICH BEARS S54°17'59"W A DISTANCE OF 567.33 FEET), AN ARC DISTANCE OF 591.38 FEET;

8)THENCE S58°27'30"W A DISTANCE OF 33.75 FEET;

9)THENCE S20°50'17"W A DISTANCE OF 50.00 FEET;

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2) THENCE N42°43'38"E A DISTANCE OF 313.14 FEET;
3) THENCE N45°28'23"E A DISTANCE OF 55.11 FEET;
4) THENCE N00°17'57"W A DISTANCE OF 939.46 FEET TO THE NORTH LINE OF SAID SOUTHEAST QUARTER SECTION 14; THENCE N89°42'01"E ALONG SAID NORTH LINE 412.53 FEET TO POINT OF BEGINNING.

SAID PARCEL CONTAINS A CALCULATED AREA OF 53.866 ACRES MORE OR LESS.

APPLICANT INFORMATION

Company : Eagle Development Company

Name : Jeff Mark

☒ Owner ☐ Consultant ☐ Contractor

Mailing Address : 212 N. Wasatch Avenue, Suite 301, Colorado Springs, CO 80903

Phone Number : (303) 210-7747

FAX Number :

Email Address : jmark@landhuisco.com

ENGINEER INFORMATION

Company : Basecamp AEC, Inc.

Name : Steven Meiggs, PE

Colorado P.E. Number : 64496

Mailing Address : PO Box 2196, Edwards, CO 81632
600 Corporate Circle, Suite A, Golden, CO 80401

Phone Number : 813-422-0931

FAX Number :

Email Address : steve@basecampaec.com

OWNER, APPLICANT, AND ENGINEER DECLARATION

To the best of my knowledge, the information on this application and all additional or supplemental documentation is true, factual and complete. I am fully aware that any misrepresentation of any information on this application may be grounds for denial. I have familiarized myself with the rules, regulations and procedures with respect to preparing and filing this application. I also understand that an incorrect submittal will be cause to have the project removed from the agenda of the Planning Commission, Board of County Commissioners and/or Board of Adjustment or delay review until corrections are made, and that any approval of this application is based on the representations made in the application and may be revoked on any breach of representation or condition(s) of approval.

Signature of owner (or authorized representative)

08/14/2026
Date

Engineer's Seal, Signature
And Date of Signature

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08/14/2026

Explain the proposed alternative and compare to the ECM standards (May provide applicable regional or national standards used as basis):

the injection plant preheating temperature, with high temperatures resulting in quicker reaction/rise times. The contractor is offering a two-year warranty on the injected areas, such that if some additional settlement of significance occurs, the contractor will return to reinject that area. The 2-year warranty shall also be for the County to execute should there be any additional settlement. The intent is for the developer and the County to be able to call on the contractor for any issues. A copy of the Concrete Stabilization Technologies (CST) Method & Deep Injection Process Overview and Warranty will be attached along with all the materials' cutsheets and specifications, which states:

"Project Warranty – For a period of two (2) years following work completion, CST warrants that the lifted pavements will not settle more than ½". For additional settlement of the injected area CST shall re-lift the subject pavements one time during the warranty period, by drilling and re-injecting material below the pavement, free of charge. If settlement occurs more than once in the injected areas, or in deeper or other untreated soils during the warranty period, CST will reinject at the original contract price during the warranty period.

The soil injection process entails injecting expanding structural polymer through multiple probes at directly below the pavement and into the 4' zone of soils to increase the bearing capacity of the soils where injected.

If additional settlement occurs due to improper drainage of water, a water leak of any kind, or excessive weight put on the pavements, this warranty is void.

Material Warranty – For a period of two (2) years following work completion, CST warrants the polyurethane material against significant shrinkage or deterioration. During the warranty period, CST shall replace by re-injection any materials that fail to perform as warranted including, shrinkage, or deterioration.

All original CST contract agreement language and terms and conditions apply in any warranty work.

CST does NOT warrant that its process or material will prevent or control erosion of non-treated surrounding soils. Further, CST assumes no liability for pavement movement caused by non-treated soil settlement."

Contacts for Warranty:

Clint Mathis

Phone: 303-306-9191

Fax: 303-306-9099

Email: cmathis@cststabilization.com

Project: Lorson Ranch, East NO. 2&3, Skyline NO. 1, The Hills, The Ridge

The roadway load capacity will be increased/strengthened by using this product. The placed and cured material (polyurethane) is generally considered non-reactive. Polyurethane material injected below the surface of the soil will remain as injected, and any degradation would be negligible. Under normal conditions, when buried in soil or beneath pavement/concrete, the material will not degrade. The polyurethane material will not degrade unless exposed to UV light.

LIMITS OF CONSIDERATION

(At least one of the conditions listed below must be met for this deviation request to be considered.)

- ☐ The ECM standard is inapplicable to the particular situation.
- ☐ Topography, right-of-way, or other geographical conditions or impediments impose an undue hardship and an equivalent alternative that can accomplish the same design objective is available and does not compromise public safety or accessibility.
- ☒ A change to a standard is required to address a specific design or construction problem, and if not modified, the standard will impose an undue hardship on the applicant with little or no material benefit to the public.

Provide justification:

The proposed alternative of chemical grouting to stabilize the observed settlement/distress is much quicker and less invasive methodology that doesn't require excavation and replacement of asphalt, sidewalks, or curb/gutters. El Paso County – Engineering Criteria Manual, Revision 6. December 13, 2016, utility trench repair detail for asphalt pavement (File name SD_4-20) was utilized in the northern half of Lorson Ranch Hills Filing 1. However, more than half of the repaired locations are exhibiting ongoing settlement.

CRITERIA FOR APPROVAL

Per ECM section 5.8.7 the request for a deviation may be considered if the request is **not based exclusively on financial considerations**. The deviation must not be detrimental to public safety or surrounding property. The applicant must include supporting information demonstrating compliance with **all of the following criteria**:

The deviation will achieve the intended result with a comparable or superior design and quality of improvement.

The requested deviation will achieve the intended results of repair by stabilizing and lifting/releveling roadways, concrete flatwork, and stormwater structures to meet criteria and the approved plans that have been affected by ground settlement with a reduced risk to the underlying utilities when compared to the current standard of excavation and backfill. Additionally, the requested deviation will be accomplished in far less time (hours compared to days), with minimal disturbance to the public.

The deviation will not adversely affect safety or operations.

The deviation will not affect safety or operations. The chemical grout repair is non-invasive and causes minimal disturbance to the public. The injected material (structural polyurethane foam) is safe (inert and non-reactive) and can be excavated, by hand, or machine, if necessary, and disposed of as normal waste.

The deviation will not adversely affect maintenance and its associated cost.

The deviation will not affect maintenance and its associated cost. The chemical grout can be hand-excavated and disposed of as normal waste.

The deviation will not adversely affect aesthetic appearance.

The deviation will not affect aesthetic appearance. The chemical grout is injected into the subsurface soils and helps reduce observed settlement by re-leveling roadways and sidewalks. This method will reduce the number of locations that will require surficial patching and, therefore, will improve aesthetic appearance when compared to the current method of excavation and patching.

The deviation meets the design intent and purpose of the ECM standards.

The deviation is a common industry repair and stabilization method and, based on previous attempts of repair by the design content of Detail SD_4-20 that still show signs of ongoing settlement, will improve upon the intent and purpose of the ECM standard.

The deviation meets the control measure requirements of Part I.E.3 and Part I.E.4 of the County's MS4 permit, as applicable.

Not Applicable

REVIEW AND RECOMMENDATION:

Approved by the ECM Administrator

This request has been determined to have met the criteria for approval. A deviation from Section Detail SD_4-20 of the ECM is hereby granted based on the justification provided.

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Denied by the ECM Administrator

This request has been determined not to have met criteria for approval. A deviation from Section _____ of the ECM is hereby denied.

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ECM ADMINISTRATOR COMMENTS/CONDITIONS:

- As-Built Drawings shall be submitted and approved prior to final acceptance.
- A Work-in-the-ROW permit and notice to proceed shall be obtained prior to the installation of the chemical grout.
- EPC inspections staff shall be present at each application of the chemical grout.

1.1. PURPOSE

The purpose of this resource is to provide a form for documenting the findings and decision by the ECM Administrator concerning a deviation request. The form is used to document the review and decision concerning a requested deviation. The request and decision concerning each deviation from a specific section of the ECM shall be recorded on a separate form.

1.2. BACKGROUND

A deviation is a critical aspect of the review process and needs to be documented to ensure that the deviations granted are applied to a specific development application in conformance with the criteria for approval and that the action is documented as such requests can point to potential needed revisions to the ECM.

1.3. APPLICABLE STATUTES AND REGULATIONS

Section 5.8 of the ECM establishes a mechanism whereby an engineering design standard can be modified when if strictly adhered to, would cause unnecessary hardship or unsafe design because of topographical or other conditions particular to the site, and that a departure may be made without destroying the intent of such provision.

1.4. APPLICABILITY

All provisions of the ECM are subject to deviation by the ECM Administrator provided that one of the following conditions is met:

- The ECM standard is inapplicable to a particular situation.
- Topography, right-of-way, or other geographical conditions or impediments impose an undue hardship on the applicant, and an equivalent alternative that can accomplish the same design objective is available and does not compromise public safety or accessibility.
- A change to a standard is required to address a specific design or construction problem, and if not modified, the standard will impose an undue hardship on the applicant with little or no material benefit to the public.

1.5. TECHNICAL GUIDANCE

The review shall ensure all criteria for approval are adequately considered and that justification for the deviation is properly documented.

1.6. LIMITS OF APPROVAL

Whether a request for deviation is approved as proposed or with conditions, the approval is for project-specific use and shall not constitute a precedent or general deviation from these Standards.

1.7. REVIEW FEES

A Deviation Review Fee shall be paid in full at the time of submission of a request for deviation. The fee for Deviation Review shall be as determined by resolution of the BoCC.

Exhibit showing Chemical
Grout Locations on Lorson
Ranch East Filing 2

