

Procedures Manual

Subject: DEVIATION REVIEW AND DECISION FORM

Date Issued: 12/31/07
Revision Issued: N/A
Rescinded: N/A

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.

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 5.9 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. RELATED PROCEDURES

1.6.1. Governing Procedures

P-AR-063-07 Deviation

1.6.2. Other Related Procedures

P-AR-012-07 Administrative Relief

1.7. RESOURCE

Attached is the Deviation Review and Decision Form that is used by the applicant/engineer for requesting and justifying a deviation. The form is reviewed by the ECM Administrator and approved or denied. 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.



Development Services Department
 2880 International Circle
 Colorado Springs, Colorado 80910

**DEVIATION REVIEW
 AND DECISION FORM**

Phone: 719.520.6300
 Fax: 719.520.6695
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Procedure # R-FM-051-07
 Issue Date: 12/31/07
 Revision Issued: 00/00/00

DSD FILE NO.:

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General Property Information:

Address of Subject Property (Street Number/Name):
 Tax Schedule ID(s) #:5233301002
 Legal Description of Property: __Branding Iron at Sterling Ranch Filing No. 2

Subdivision or Project Name: Branding Iron at SR Filing 2

Section of ECM from Which Deviation is Sought: _____ ECM 2.3
 Specific Criteria from Which a Deviation is Sought: _____ K Value for "known" stop condition at crest vertical curve.
 Criteria does not exist in the ECM _____

Proposed Nature and Extent of Deviation: __The K value is less than the criteria for stopping sight distances
 "emergency stop" versus a condition of a "known" stop (Stop Sign at intersection)_____

Applicant Information:

Applicant: _____ M&S Civil Consultants, Inc. _____ Email Address: __virgils@mscivil.com _____
 Applicant is: _____ Owner __X__ Consultant _____ Contractor
 Mailing Address: __PO Box 1360_____ State: __CO__ Postal Code: __80901__
 Telephone Number: _____ 719-491-0818 _____ Fax Number: _____

Engineer Information:

Engineer: _____ Virgil A. Sanchez, P.E. _____ Email Address: _____ virgils@mscivil.com _____
 Company Name: __ M&S Civil Consultants, Inc. _____
 Mailing Address: _____ PO Box 1360 _____ State: __CO__ Postal Code: __80901__
 Registration Number: _____ 37160 _____ State of Registration: _____ CO _____
 Telephone Number: _____ 719-491-0818 _____ Fax Number: _____

Explanation of Request (Attached diagrams, figures and other documentation to clarify request):

Section of ECM from Which Deviation is Sought: _____ ECM 2.3
 Specific Criteria from Which a Deviation is Sought: __K Value for known stop condition at crest vertical curve.
 Criteria does not exist in the ECM _____

Proposed Nature and Extent of Deviation: __The vertical curve at the intersection(s) of (Existing Dines Boulevard and Lodge Grass Way) and (Existing Dines Boulevard and Whitefish Way) have low K value numbers. The intent of the "hump" in the roadway at the stop condition is purely to prevent the drainage from one roadway discharging into the other. Both locations are stop conditions from a lower classification roadway onto a low classification roadway. The speed at the crest of the vertical curve is near zero._____

El Paso County Procedures Manual
 Procedure # R-FM-051-07
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Reason for the Requested Deviation: To construct an intersection of roadways that controls the drainage from discharging from one street to another. The vertical curve elevation is set between 0.7' to 1.0' higher than the cross pan of the controlling street drainage.

Comparison of Proposed Deviation to ECM Standard: ECM does not contain criteria for this condition.

Applicable Regional or National Standards used as Basis: Common practice of drainage design prevents drainage from a controlling roadway from discharging storm water drainage into another. The crest of the vertical curve is set to control drainage and does not affect the safety of travel.

Application Consideration:

CHECK IF APPLICATION MEETS CRITERIA FOR CONSIDERATION

JUSTIFICATION

X The ECM standard is inapplicable to a particular situation.

The ECM standards do not contain criteria for this 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.

X 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.

Not a change in standards, but a design to control drainage from one street to another.

If at least one of the criteria listed above is not met, this application for deviation cannot be considered.

Criteria for Approval:

PLEASE EXPLAIN HOW EACH OF THE FOLLOWING CRITERIA HAVE BEEN SATISFIED BY THIS REQUEST

The request for a deviation is not based exclusively on financial considerations.

Does not relate to financial considerations.

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

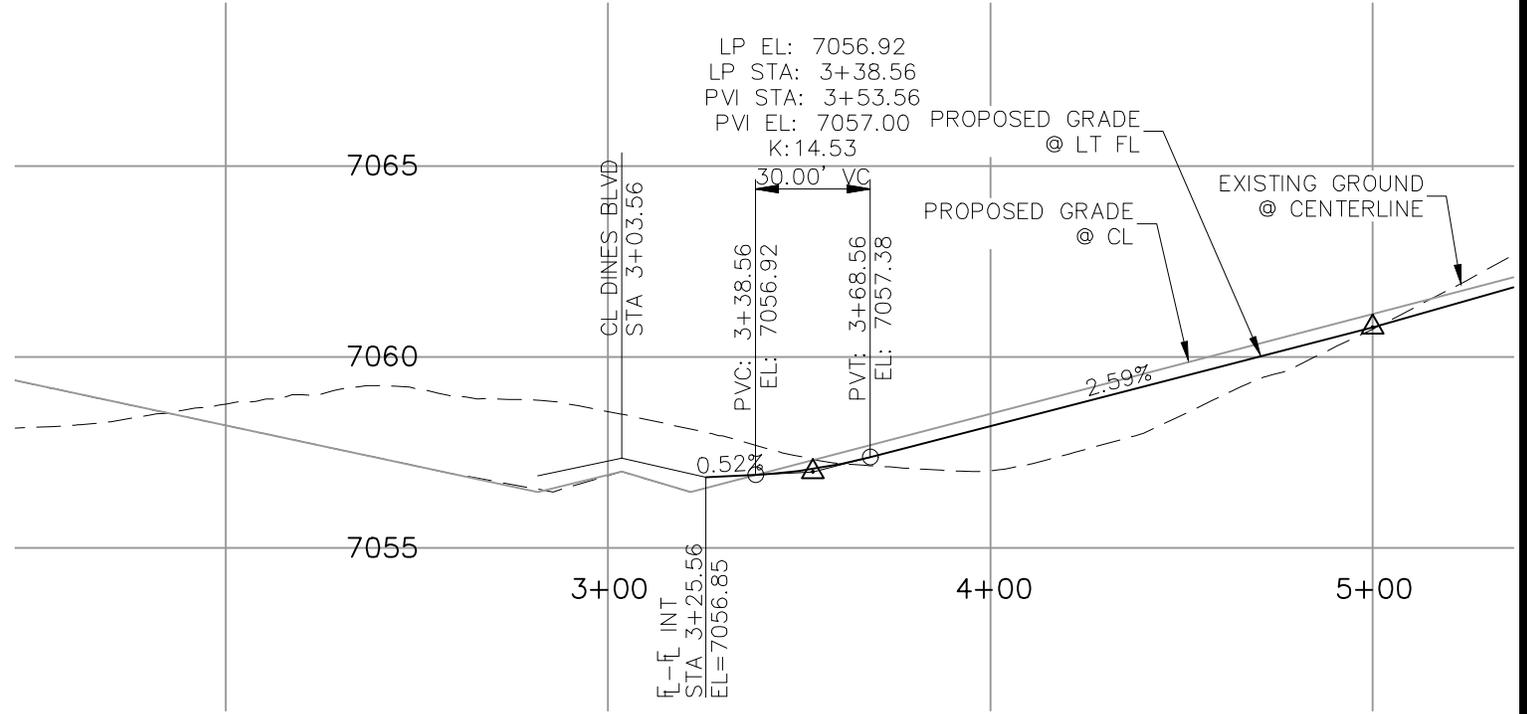
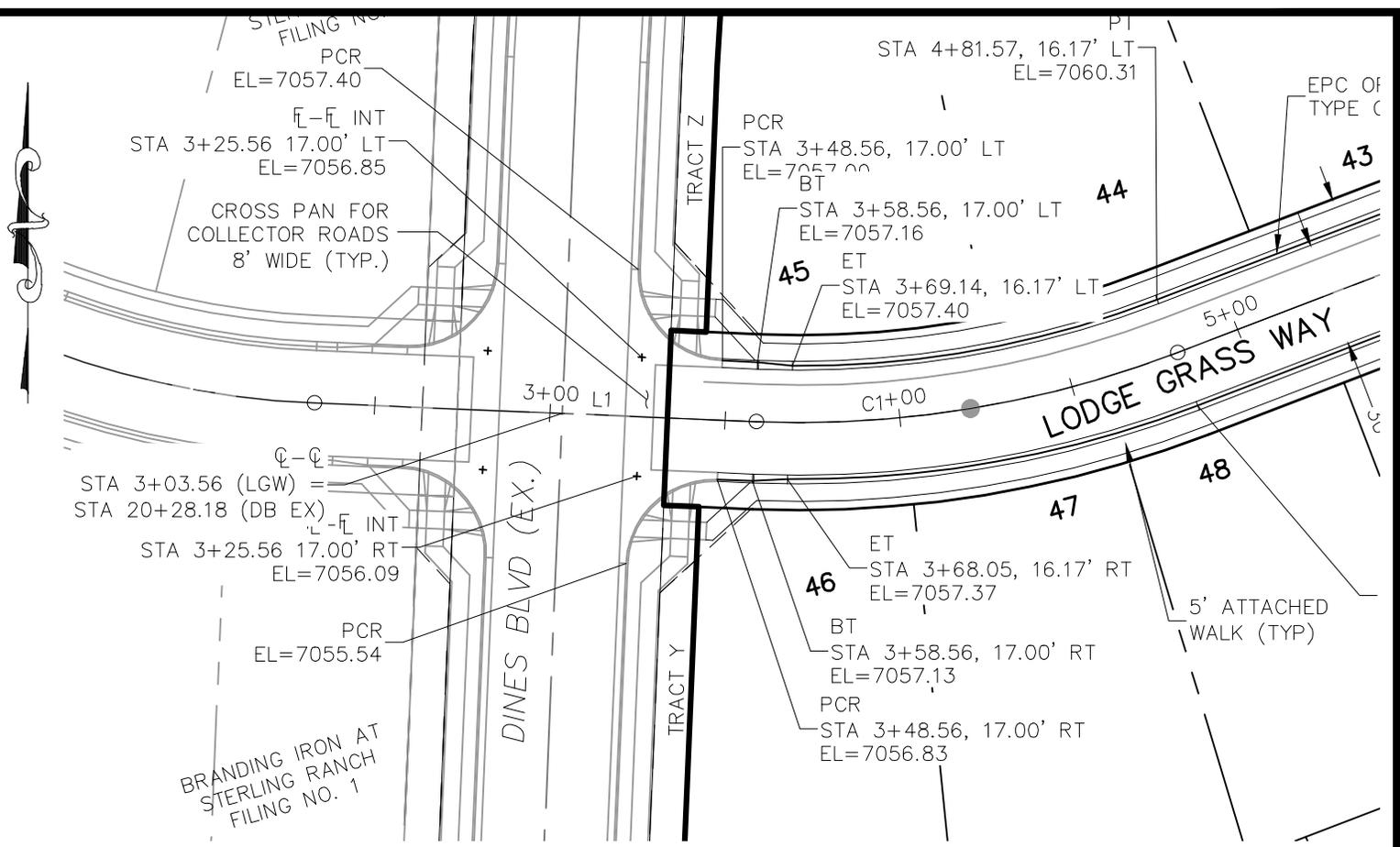
The design meets the intent for drainage, and does not create a safety concern, operation concern or maintenance issue.

The deviation will not adversely affect safety or operations.

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

The deviation will not adversely affect aesthetic appearance.

N/A



LODGE GRASS WAY

DEVIATION EXHIBIT FOR "K" VALUE STOP DISTANCE

1" = 50'

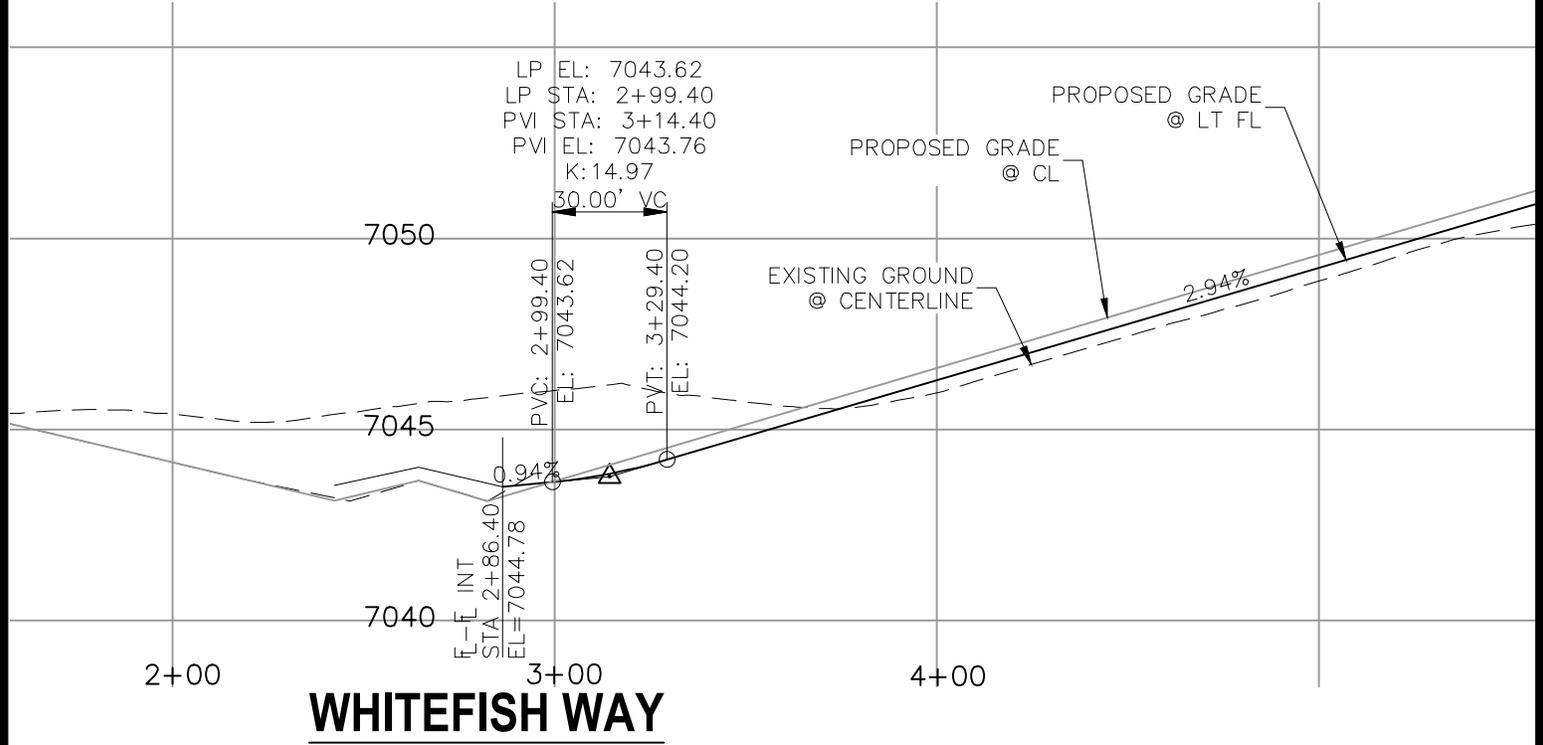
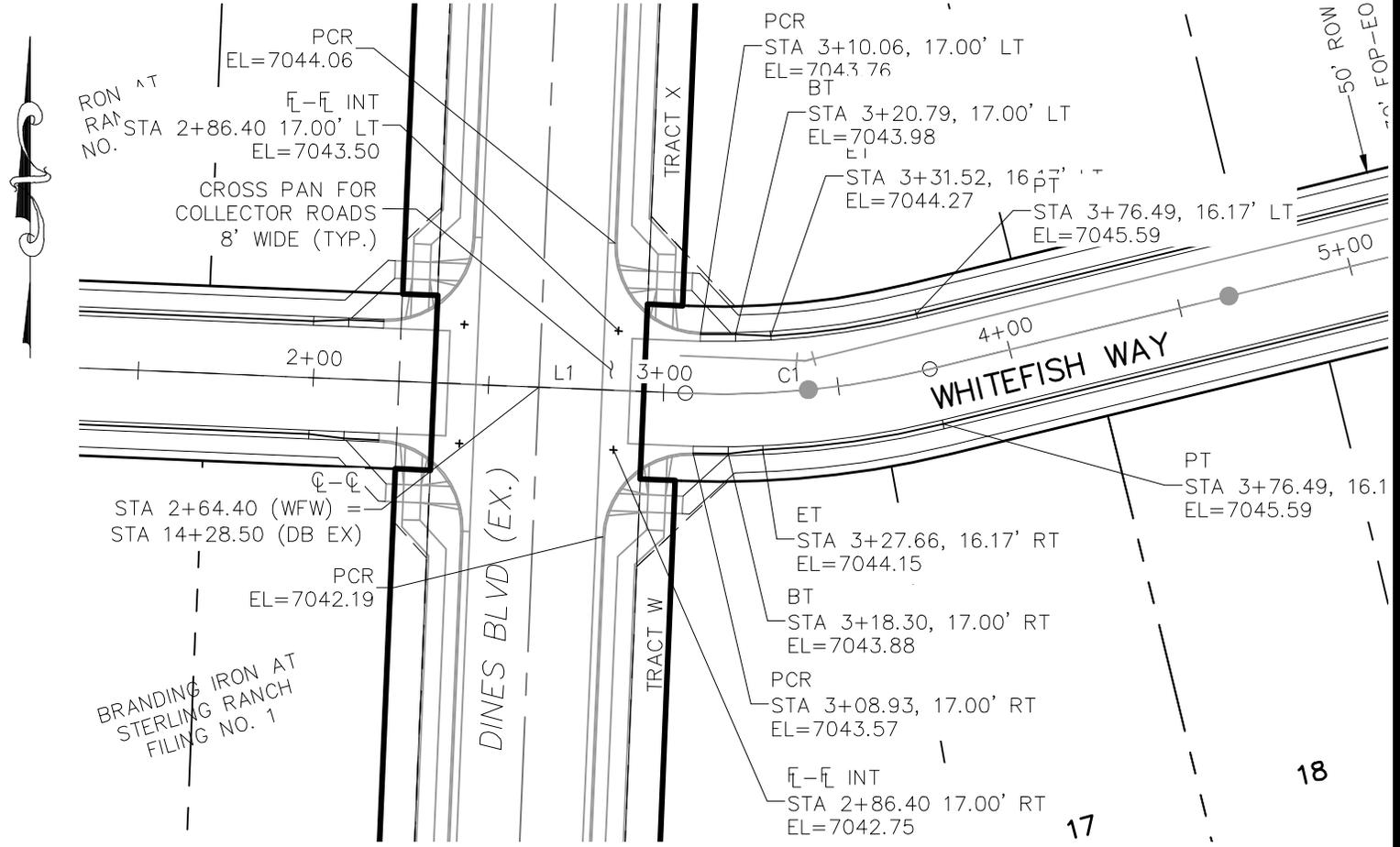


Scale in Feet
VERTICAL 1" = 5'

EXHIBIT
JOB NO. 09-012
DATE PREPARED: 03/15/2019



20 BOULDER CRESCENT, SUITE 110
COLORADO SPRINGS, CO 80903
PHONE: 719.955.5485



WHITEFISH WAY

DEVIATION EXHIBIT FOR "K" VALUE STOP DISTANCE

1" = 50'



Scale in Feet
VERTICAL 1" = 5'

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