

# CDR21013-R1-FDR.pdf Markup Summary

1 (1)

August 30, 2021

**Subject:** Text Box

CDR-21-013

CDR-21-013

**Page Index:** 1

**Date:** 10/19/2021 5:06:50 PM

**Author:** dsdrice

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**Page Label:** 1

3 (5)

lines without resulting in increases to the effective base  
two general shaping basins (CSD) deep structures are  
a general-purpose grade control. The current channel  
and the bridge will be placed to provide channel stability  
for major storm events. The proposed channel revision,  
concrete, will exceed the requirements of the design  
provisions for the El Paso County. The location  
is indicated by Tracts A, B and D.  
g and an increase by El Paso County and Sterling Ranch  
will be indicated for the purposes of maintenance  
I occur within Tract D of Sterling Ranch Filing No. 1  
p and channel responsibility of the Sterling Ranch  
A rehabilitation study will be conducted to determine if a CSD  
initial will be required after construction to account for  
other lower Sterling Ranch (Sterling Ranch) to review the  
gate Parkway is included within the design plans. The

**Subject:** Callout

adjacent to Tracts A, B and D

**Page Index:** 3

**Date:** 10/20/2021 11:31:47 AM

**Author:** dsdrice

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will be dedica  
ur within Tr  
id channel  
CSD

**Subject:**

within

**Page Index:** 3

**Date:** 10/20/2021 11:31:39 AM

**Author:** dsdrice

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The following information is provided for informational purposes only. It is not intended to be used as a substitute for professional engineering or architectural services. The user assumes all responsibility for the use of this information. The information is provided as a service to the user and is not intended to be used as a substitute for professional engineering or architectural services. The user assumes all responsibility for the use of this information.

**Subject:** Callout

State that deeds will be provided to transfer ownership to the County

**Page Index:** 3

**Date:** 10/20/2021 11:47:00 AM

**Author:** dsdrice

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**Subject:**

decision was made to maintain the current natural configuration of the channel.

**Page Index:** 3

**Date:** 10/20/2021 11:49:32 AM

**Author:** dsdrice

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was configured into a trapezoidal channel section capable of o  
used in the MUDIP. The original channel design was a walled to  
up structure to provide grade control. However, after review  
and the design team of engineering, the decision was made t  
revision of the channel. The present average slope of the channel  
concrete. An issue with the design was that the bridge  
be bridge were designed to reduce the potential slope through  
ing channel and embankment losses through the bridge vie  
ing major storm events.  
Channel plans need to be submitted for review

**Subject:** Callout

Channel plans need to be submitted for review

**Page Index:** 3

**Date:** 10/20/2021 11:58:05 AM

**Author:** dsdrice

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prings and El Paso County Flood  
ncy Management Agency, effectiv  
mel Improvements and Mitiga  
'015. updated?

lain within the Briargate Bridge re  
d condition that exists on the floo  
e is little evidence of active inve

**Subject:** Callout  
**Page Index:** 4  
**Date:** 10/20/2021 11:59:04 AM  
**Author:** dsdrice  
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updated?

anch Road. Curr  
low in this segm  
ots proposed for  
Ranch Filing No

**Subject:**  
**Page Index:** 4  
**Date:** 10/20/2021 12:03:05 PM  
**Author:** dsdrice  
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proposed

presently no c  
ad at Sterling  
ons will not enc  
24-inch water

**Subject:**  
**Page Index:** 4  
**Date:** 10/20/2021 12:03:25 PM  
**Author:** dsdrice  
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will not

1. The proposed project is located within the 100-year floodplain.  
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**Subject:** Callout  
**Page Index:** 4  
**Date:** 10/20/2021 12:06:55 PM  
**Author:** dsdrice  
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in / do not

will not encroach into the 100  
-inch water line is proposed  
he water and wastewater faci  
y the Woodmen Heights Metr

ROLOGY  
ology for use in determining  
Reference 6 in 100-year

**Subject:**  
**Page Index:** 4  
**Date:** 10/20/2021 12:07:16 PM  
**Author:** dsdrice  
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Woodmen Heights

approximately 1 x 4 percent, there is presently no use on  
developed lots that lie within the 100-year floodplain, La  
Ranch Filing No. 2 and Branding Iron at Sterling 3  
encroach into the 100-year floodplain.  
f line is proposed cross the drainage way just upstream  
all wastewater facilities that may impact the drainage  
dains in the Metropolitan District.  
Sterling Ranch?

use in determining the typical channel sections shown  
x 6. The 100-year discharges shown in Reference 6 in 2  
with discharges from references 1 and 2 were reviewed at  
needed below.

Reference 6 in 100-year

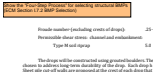
**Subject:** Callout  
**Page Index:** 4  
**Date:** 10/20/2021 12:07:26 PM  
**Author:** dsdrice  
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Sterling Ranch?

6? 0.2 p  
4 fee  
n 25.

**Subject:** Callout  
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**Date:** 10/21/2021 11:44:29 AM  
**Author:** dsdrice  
**Color:** ■  
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6?



**Subject:** Contractor  
**Page Index:** 6  
**Date:** 10/19/2021 4:37:43 PM  
**Author:** EPC Stormwater - Glenn Reese  
**Color:** ■  
**Layer:**  
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**Page Label:** 6

Show the "Four-Step Process" for selecting structural BMPs (ECM Section 1.7.2 BMP Selection)

Because of the depth to  
Boulevard. Bedrock is  
footings will be used. A  
10-foot, nine-inch rise,  
approximately 5 feet at  
upstream and downstr  
respectively. A type M  
the improvements show

**Subject:**  
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**Date:** 10/21/2021 11:46:02 AM  
**Author:** dsdrice  
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10-foot, nine-inch



**Subject:** Callout  
**Page Index:** 6  
**Date:** 10/21/2021 11:46:37 AM  
**Author:** dsdrice  
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doesn't match plans



**Subject:** Callout  
**Page Index:** 6  
**Date:** 10/21/2021 12:33:55 PM  
**Author:** dsdrice  
**Color:** ■  
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Address associated projects and when/how roadway runoff will be treated.



**Subject:** Callout  
**Page Index:** 6  
**Date:** 10/21/2021 1:06:33 PM  
**Author:** dsdrice  
**Color:** ■  
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Bridge ownership and maintenance by EPC upon acceptance.





**Subject:**  
**Page Index:** 7  
**Date:** 10/21/2021 12:38:41 PM  
**Author:** dsdrice  
**Color:** ■  
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the Branding Iron Filing No. 2 and Homestead Filing No., 2 subdivision



**Subject:** Callout  
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**Author:** dsdrice  
**Color:** ■  
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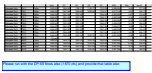
Sterling Ranch subdivisions east of Sand Creek?



**Subject:** Callout  
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**Author:** dsdrice  
**Color:** ■  
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Recommend stating what the DBPS costs are

19 (1)



**Subject:** Text Box  
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**Date:** 10/21/2021 1:25:22 PM  
**Author:** dsdrice  
**Color:** ■  
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Please run with the DP-69 flows also (1870 cfs) and provide that table also

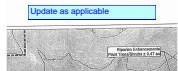
59 (1)



**Subject:** Text Box  
**Page Index:** 59  
**Date:** 10/19/2021 3:33:14 PM  
**Author:** Glenn Reese - EPC Stormwater  
**Color:** ■  
**Layer:**  
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**Page Label:** 59

Reference updated plans

75 (1)



**Subject:** Text Box  
**Page Index:** 75  
**Date:** 10/19/2021 3:33:30 PM  
**Author:** Glenn Reese - EPC Stormwater  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 75

Update as applicable