


2 (2)

Date _____

Provide signatures


Subject: Text Box
Page Index: 2
Date: 10/11/2022 1:33:12 PM
Author: dsdlaforce
Color: 
Layer:
Space:
Page Label: 2

Provide signatures

PROVIDED

Joshua Palmer, P.E.
Integrus County Engineering Administrator

Conditions: [Delete "Interim"](#)


Subject: Callout
Page Index: 2
Date: 10/12/2022 8:45:55 AM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 2

Delete "interim"

REMOVED

4 (1)

(under review)


Subject: Callout
Page Index: 4
Date: 10/12/2022 8:42:10 AM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 4

(under review)

ADDED "AND IS CURRENTLY IN REVIEW WITH EL PASO COUNTY"

5 (1)

[illegible]


Subject: Callout
Page Index: 5
Date: 10/13/2022 8
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 5

THE EXISTING FLOWS HAVE
BEEN UPDATED TO MATCH THE
EASTONVILLE PDR AND
SANCTUARY FILING 1 FDR
(MERIDIAN RANCH) - ALL FLOW
VALUES SHOULD NOW MATCH

Please discuss the difference between FEMA flows (at then-existing conditions), 514 cfs in Eastonville report, and Meridian Ranch MDDP - DP-G06 1.45 sq. mi., historic Q100=628, developed 663 cfs. This will need to be resolved with the final drainage report.


6 (1)

upstream tributary analysis (the areas west of
and includes basins EX1, EX2, EX3, EX4, EX5,
reference. (page 63 of this report)
a more in-depth analysis of existing tributary cond
existing basin map has been prepared. The existin
Sewdix F and basins are described below.


Subject: Text Box
Page Index: 6
Date: 10/12/2022 9:22:51 AM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 6

(page 63 of this report)


ADDED PAGE NUMBER

Subject: Engineer
Page Index: 8
Date: 10/12/2022 11:51:57 AM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 8


Eastonville Road in conjunction with the caption. This analysis consisted of basins SAS, EA6, EA7, EA8, EA9, EA10, EA11, and EA12.

(Channel A) 

ility have been completed with the E-FDR capacity. Preliminary sizing for the US andix D, by HR Green. This crossing will rec with type M riprap for 50' L x 30' W at the

Subject: Callout
Page Index: 10
Date: 10/12/2022 3:44:06 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 10


any areas in the Propos
OS5, OS6, OS7, EA1,
R in **Appendix B** for re
nary sizing calculator
nary sizing calculator

Subject: Engineer
Page Index: 10
Date: 10/12/2022 3:48:22 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 10

Subject: Callout
Page Index: 10
Date: 10/12/2022 3:50:29 PM
Author: dsdrice
Color:
Layer:
Space:
Page Label: 10

*R Report: HR Green, April 2022.
muary 2019.*

Updated 2021?

Subject: Callout
Page Index: 23
Date: 10/13/2022 9:21:35 AM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 23

APPENDIX D
Hydraulic Computations

Please calculations for this report,
provide a separate Appendix for the
Eastonville Road FDR

Subject: Callout
Page Index: 62
Date: 10/12/2022 10:20:32 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 62

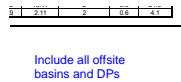
63 (1)



Subject: Text Box
Page Index: 63
Date: 10/12/2022 10:16:13 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 63

(See separate comments on this report)

80 (1)



Subject: Engineer
Page Index: 80
Date: 10/13/2022 9:26:24 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 80

Include all offsite basins and DPs

85 (1)



Subject: Engineer
Page Index: 85
Date: 10/13/2022 9:31:46 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 85

Include all offsite basins and DPs

93 (1)



Subject: Engineer
Page Index: 93
Date: 10/13/2022 9:31:29 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 93

Include all offsite basins and DPs

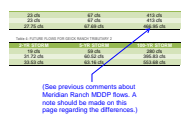
172 (1)



Subject: Callout
Page Index: 172
Date: 10/12/2022 9:22:18 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 172

Please only include one set of each item in these appendices. Add a note to the appendix title sheet of whichever is deleted to see the other set in the other report appendix.

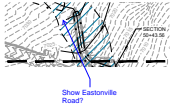
175 (1)



Subject: Callout
Page Index: 175
Date: 10/13/2022 9:42:08 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 175

(See previous comments about Meridian Ranch MDDP flows. A note should be made on this page regarding the differences.)

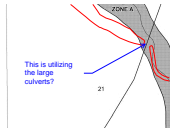
199 (1)



Subject: Callout
Page Index: 199
Date: 10/13/2022 9:44:04 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: [1] Exhibit

Show Eastonville Road?

201 (1)



Subject: Callout
Page Index: 201
Date: 10/13/2022 9:45:34 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 201

This is utilizing the large culverts?

204 (1)

(not reviewed yet)

Subject: Engineer
Page Index: 204
Date: 10/13/2022 9:48:46 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: [1] 01 TITLE SHEET

(not reviewed yet)

294 (1)



Subject: Callout
Page Index: 294
Date: 10/12/2022 9:16:38 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 294

J?

302 (1)



Subject: Callout
Page Index: 302
Date: 10/13/2022 9:50:45 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 302

Please only include one set of each item in these appendices. Add a note to the appendix title sheet of whichever is deleted to see the other set in the other report.

333 (1)



Subject: Callout
Page Index: 333
Date: 10/12/2022 9:20:39 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 333

Please only include one set of each item in these appendices. Add a note to the appendix title sheet of whichever is deleted to see the other set in the other report.

334 (1)

Submit under CDR
project CDR-22-008

GRANDVIEW RESERVE
HEC RASCH TDRITAL

Subject: Text Box
Page Index: 334
Date: 10/12/2022 9:13:04 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: [1] 01 TITLE SHEET

Submit under CDR project CDR-22-008

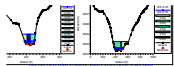
369 (1)

Please only include one set of each item in these
appendices. Add a note to the appendix title sheet
of whichever is deleted to see the other set in the
other report.

Subject: Callout
Page Index: 369
Date: 10/13/2022 9:52:13 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 369

Please only include one set of each item in these
appendices. Add a note to the appendix title sheet
of whichever is deleted to see the other set in the
other report.

423 (1)



Subject: Engineer
Page Index: 423
Date: 10/13/2022 10:04:44 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 423

Provide HEC-RAS summary tables somewhere in
the PDR

424 (1)

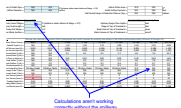
Move these up under
Appendix D cover sheet?
Include inlet capacity chart,
etc. from previous report.

WALE
Highlighted
Depth (ft)
= 0.88
= 0.88

Subject: Engineer
Page Index: 424
Date: 10/13/2022 9:55:48 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 424

Move these up under Appendix D cover sheet?
Include inlet capacity chart, etc. from previous
report.

554 (1)



Subject: Callout
Page Index: 554
Date: 10/13/2022 10:12:54 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 554

Calculations aren't working correctly without the
spillway

SPILLWAYS & ORIFICE
(STANDING PIPE OPENINGS)
HAVE BEEN ADDED

560 (6)

Total
contributing
area 1.45 sq
mi.
EX. 24" CMP

Subject: Text Box
Page Index: 560
Date: 10/12/2022 8:58:50 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 560

Total contributing area 1.45 sq mi.

TOTAL OFFSITE
CONTRIBUTING AREA
HAVE BEEN PROVIDED AT
DP4 / EX. 24" CMP



Subject: Callout
Page Index: 560
Date: 10/12/2022 9:00:43 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 560

Rename one set of design points to avoid duplicates

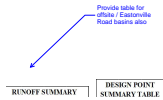
DESIGN POINTS HAVE
BEEN RENAMED IN THE
EXISTING CONDITIONS



Subject: Callout
Page Index: 560
Date: 10/12/2022 9:01:15 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 560

Include all design points

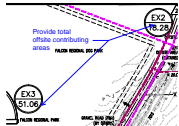
ALL DPs HAVE BEEN INCLUDED



Subject: Callout
Page Index: 560
Date: 10/12/2022 9:02:01 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 560

Provide table for offsite / Eastonville Road basins also

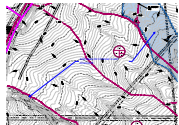
INTENTIONALLY LEFT
EASTONVILLE DPs OUT OF
GALLOWAY TABLES SO AS TO
NOT CONFUSE WITH HR GREEN
DRAINAGE DATA



Subject: Callout
Page Index: 560
Date: 10/12/2022 9:05:29 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 560

Provide total offsite contributing areas

TOTAL OFFSITE
CONTRIBUTING AREA
HAVE BEEN PROVIDED AT
DP3 / EX. 24" CMP

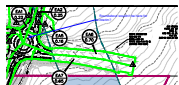


Subject: Callout
Page Index: 560
Date: 10/12/2022 3:39:52 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 560

Add labels for Channel A and Channel B

CHANNEL A & B LABELS ADDED

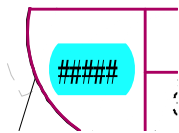
561 (2)




Subject: Callout
Page Index: 561
Date: 10/12/2022 10:25:56 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 561

Roundabout wouldn't be here for interim?

EASTONVILLE ROAD
IMPROVEMENTS
REMOVED FROM INTERIM
CONDITIONS




Subject: Engineer
Page Index: 561
Date: 10/12/2022 11:51:29 AM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 561

#####

UPDATED

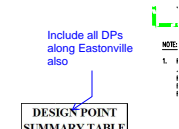
562 (7)




Subject: Callout
Page Index: 562
Date: 10/12/2022 10:28:36 AM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 562

Roundabout wouldn't be here for interim?

EASTONVILLE ROAD
IMPROVEMENTS
REMOVED FROM INTERIM
CONDITIONS




Subject: Callout
Page Index: 562
Date: 10/12/2022 10:30:29 AM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 562

Include all DPs along Eastonville also

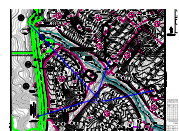
INTENTIONALLY LEFT
EASTONVILLE DPs OUT OF
GALLOWAY TABLES SO AS TO
NOT CONFUSE WITH HR GREEN
DRAINAGE DATA




Subject: Callout
Page Index: 562
Date: 10/12/2022 10:37:32 AM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 562

Label total flows at the major design points

TOTAL FLOWS LABELED IN
ACCORDANCE W/ E-FDR




Subject: Callout
Page Index: 562
Date: 10/12/2022 10:38:53 AM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 562

Rename one set of design points to avoid
duplicates

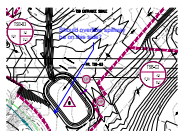
DESIGN POINTS HAVE
BEEN RENAMED IN THE
INTERIM CONDITIONS



Subject: Callout
Page Index: 562
Date: 10/12/2022 3:24:55 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 562

Should overflow spillway be on this side?

NO, SHEET FLOWS TO THE
SE, THEN INTO THE
CHANNEL



Subject: Callout
Page Index: 562
Date: 10/12/2022 3:25:57 PM
Author: dsdrice
Color:
Layer:
Space:
Page Label: 562

Should overflow spillway be on this side?

NO, SHEET FLOWS TO THE
SE, THEN INTO THE
CHANNEL

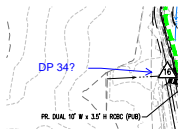


Subject: Callout
Page Index: 562
Date: 10/12/2022 3:33:06 PM
Author: dsdrice
Color:
Layer:
Space:
Page Label: 562

Clarify timing of road construction and culvert
removals - will Eastonville be constructed prior to
overlot grading?

CLARIFICATION PROVIDED IN
OPENING PARAGRAPH OF
INTERIM CONDITONS SECTION

565 (3)



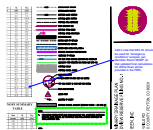
Subject: Callout
Page Index: 565
Date: 10/12/2022 3:53:06 PM
Author: dsdrice
Color:
Layer:
Space:
Page Label: 565

DP 34?

DP G06 PER E-FDR
ADDED DP 34

STATION	Q. M.	E. L. M.
31	29.3	69.9
32	3.6	24.0
33	3.9	25.8
34	67.0	414.0
EAT	9.2	19.5
EAT	7.0	14.9
A2.1	15.8	33.4

Subject: Engineer
Page Index: 565
Date: 10/13/2022 8:33:10 AM
Author: dsdrice
Color:
Layer:
Space:
Page Label: 565

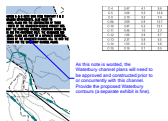


Subject: Callout
Page Index: 565
Date: 10/13/2022 9:33:43 AM
Author: dsdrice
Color:
Layer:
Space:
Page Label: 565

Add a note that 663 cfs should be used for
"emergency conditions" analysis, per Meridian
Ranch MDDP (or that updated final calculations for
offsite flows will be provided in the FDR)

NOTE ADDED

566 (1)



Subject: Callout
Page Index: 566
Date: 10/13/2022 8:30:39 AM
Author: dsdrice
Color:
Layer:
Space:
Page Label: 566

As this note is worded, the Waterbury channel
plans will need to be approved and constructed
prior to or concurrently with this channel. Provide
the proposed Waterbury contours (a separate
exhibit is fine).

NOTE HAS BEEN REVISED PER HR GREEN