

ENG-PPR19009-R3-CDs.pdf Markup Summary

1 (1)

Engineering Review
09/10/2019 12:55:32 PM
dsdrice
JsdRice@colorado.gov
(719) 526-7877
EPC Planning & Community
Development Department

Subject: EPC ENG Review
Page Index: 1
Date: 9/10/2019 12:55:39 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 1

2 (1)

Colorad
SITE DEVEL
For information only.
SCALE : 1"=
NORTH DA

Subject: Text Box
Page Index: 2
Date: 9/8/2019 12:25:48 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 2

For information only.

3 (1)

Colorad .dgn
ENLARGED SC
DEVELOPMENT
For information only.
SCALE : 1"=60'
NORTH DATE:
DRAWN E

Subject: Text Box
Page Index: 3
Date: 9/8/2019 12:26:35 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 3

For information only.

5 (1)

LE: 1"=50'H, 1"=
private?

Subject: Text Box
Page Index: 5
Date: 9/8/2019 12:36:18 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 5

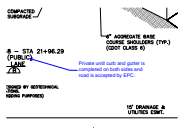
private?

6 (8)

RST CIRCLE - HIGHWAY 83 TO STA 2+7
SINGLE LANE ENTRY & EXIT
TYPICAL SECTION (1)
SCALE: 1"=3'
*PAVEMENT SECTION TO BE DESIGNED BY GEOTECHNICAL
ENGINEER PER EPC SPECIFICATIONS
(1"=30' OVER 60' AND FOR RECORD PURPOSES)
(For information only with Phase 1B)

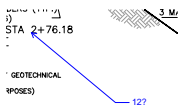
Subject: Text Box
Page Index: 6
Date: 9/10/2019 10:45:47 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 6

(For information only with Phase 1B)



Subject: Callout
Page Index: 6
Date: 9/10/2019 10:55:39 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 6

Private until curb and gutter is completed on both sides and road is accepted by EPC.



Subject: Callout
Page Index: 6
Date: 9/10/2019 10:58:21 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 6

12?



Subject: Callout
Page Index: 6
Date: 9/10/2019 11:03:21 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 6

Private until curb and gutter is completed on both sides and road is accepted by EPC.



Subject: Callout
Page Index: 6
Date: 9/10/2019 11:05:16 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 6

With an approved deviation for a custom cross-section, the approved design attributes can be used in the table instead.

POSTED SPEED:	25 MPH	FCM TABLE
ROADWAY WIDTH:	30' FCM-SDA	FCM TABLE
MIN. HORIZONTAL RADIUS:	200'	FCM TABLE
MIN. GRADE:	0.5%	FCM TABLE
MIN. CURVE GRADE:	0.5%	FCM TABLE
MIN. C-CURVE LENGTH:	12'	FCM TABLE
MIN. S-CURVE LENGTH:	300'	FCM TABLE

Subject: Text Box
Page Index: 6
Date: 9/10/2019 11:07:12 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 6

ADT

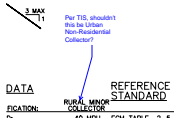
3000

DESIGN SPEED:	35 MPH	FCM TABLE 2-1
POSTED SPEED: <td>35 MPH</td> <td>FCM TABLE 2-1</td>	35 MPH	FCM TABLE 2-1
ROADWAY WIDTH: <td>30' FCM-SDA</td> <td>FCM TABLE 2-1</td>	30' FCM-SDA	FCM TABLE 2-1
MIN. HORIZONTAL RADIUS: <td>200'</td> <td>FCM TABLE 2-1</td>	200'	FCM TABLE 2-1
MIN. GRADE: <td>0.5%</td> <td>FCM TABLE 2-1</td>	0.5%	FCM TABLE 2-1
MIN. CURVE GRADE: <td>0.5%</td> <td>FCM TABLE 2-1</td>	0.5%	FCM TABLE 2-1
MIN. C-CURVE LENGTH: <td>12'</td> <td>FCM TABLE 2-1</td>	12'	FCM TABLE 2-1
MIN. S-CURVE LENGTH: <td>300'</td> <td>FCM TABLE 2-1</td>	300'	FCM TABLE 2-1

Subject: Text Box
Page Index: 6
Date: 9/10/2019 11:08:07 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 6

ADT

1500



Subject: Callout
Page Index: 6
Date: 9/10/2019 11:20:26 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 6

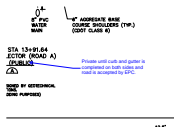
Per TIS, shouldn't this be Urban Non-Residential Collector?

7 (3)

Provide deviation requests as applicable (see comment letter).

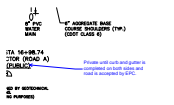
Subject: Text Box
Page Index: 7
Date: 9/10/2019 11:25:10 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 7

Provide deviation requests as applicable (see comment letter).



Subject: Callout
Page Index: 7
Date: 9/10/2019 11:27:05 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 7

Private until curb and gutter is completed on both sides and road is accepted by EPC.



Subject: Callout
Page Index: 7
Date: 9/10/2019 11:27:23 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 7

Private until curb and gutter is completed on both sides and road is accepted by EPC.

8 (6)



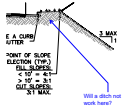
Subject: Highlight
Page Index: 8
Date: 9/10/2019 11:32:00 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 8



Subject: Highlight
Page Index: 8
Date: 9/10/2019 11:32:02 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 8

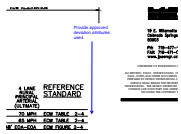
00
05 00

Subject: Highlight
Page Index: 8
Date: 9/10/2019 11:32:07 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 8



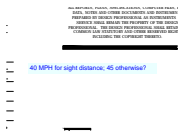
Subject: Callout
Page Index: 8
Date: 9/10/2019 11:47:06 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 8

Will a ditch not work here?



Subject: Callout
Page Index: 8
Date: 9/10/2019 11:48:14 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 8

Provide approved deviation attributes used.



Subject: Text Box
Page Index: 8
Date: 9/10/2019 11:54:04 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 8

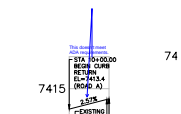
40 MPH for sight distance; 45 otherwise?

10 (2)



Subject: Text Box
Page Index: 10
Date: 9/10/2019 2:17:24 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 10

There is too much overlapping information on this sheet. Revise to make legible when printed. Show sight triangles and striping on another sheet if necessary.



Subject: Callout
Page Index: 10
Date: 9/10/2019 2:21:37 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 10

This doesn't meet ADA requirements.



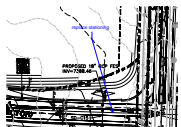
Subject: Text Box
Page Index: 11
Date: 9/10/2019 2:23:08 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 11

Show signing and striping on a different sheet.



Subject: Callout
Page Index: 11
Date: 9/10/2019 2:23:24 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 11

what is this?



Subject: Callout
Page Index: 11
Date: 9/10/2019 2:25:44 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 11

replace stationing



Subject: Callout
Page Index: 12
Date: 9/10/2019 12:21:31 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 12

Label all facilities, utilities, etc.

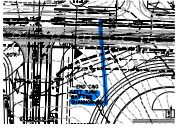


Subject: Callout
Page Index: 12
Date: 9/10/2019 12:22:58 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 12

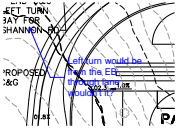
is this still curb and gutter?

RECT TAPEF
@ 20:1 T,
7.58 - ST

Subject:
Page Index: 12
Date: 9/10/2019 12:26:56 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 12

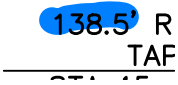


Subject:
 Page Index: 12
 Date: 9/10/2019 12:27:56 PM
 Author: dsdrice
 Color: ■
 Layer:
 Space:
 Page Label: 12

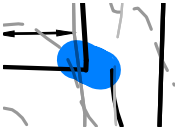


Subject: Callout
 Page Index: 12
 Date: 9/10/2019 12:28:32 PM
 Author: dsdrice
 Color: ■
 Layer:
 Space:
 Page Label: 12

Left turn would be from the EB through lane wouldn't it?



Subject:
 Page Index: 12
 Date: 9/10/2019 12:38:27 PM
 Author: dsdrice
 Color: ■
 Layer:
 Space:
 Page Label: 12



Subject:
 Page Index: 12
 Date: 9/10/2019 12:38:50 PM
 Author: dsdrice
 Color: ■
 Layer:
 Space:
 Page Label: 12



Subject: Callout
 Page Index: 12
 Date: 9/10/2019 12:40:09 PM
 Author: dsdrice
 Color: ■
 Layer:
 Space:
 Page Label: 12

It appears that easements are required for grading. Provide a detailed grading plan.



Subject: Callout
 Page Index: 12
 Date: 9/10/2019 12:40:41 PM
 Author: dsdrice
 Color: ■
 Layer:
 Space:
 Page Label: 12

Show proposed contours.

FOR CONSTRUCTION

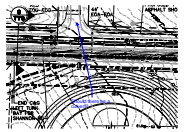
Label as
"Preliminary" for
Phase 1b

Subject: Callout
Page Index: 12
Date: 9/10/2019 12:41:18 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 12

Label as "Preliminary" for Phase 1b

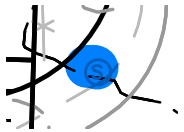


Subject:
Page Index: 12
Date: 9/10/2019 12:41:46 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 12

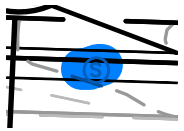


Subject: Callout
Page Index: 12
Date: 9/10/2019 12:47:26 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 12

Should there be a culvert?



Subject:
Page Index: 12
Date: 9/10/2019 12:47:39 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 12



Subject:
Page Index: 12
Date: 9/10/2019 12:47:42 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 12

Provide a legend

Subject: Text Box
Page Index: 12
Date: 9/10/2019 12:48:17 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 12

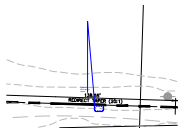
Provide a legend

See comment letter.
120' REDIRECT TAPER (6' C
RETURN TO 60' TAPER)

Subject: Text Box
Page Index: 12
Date: 9/10/2019 12:48:42 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 12

See comment letter.

13 (2)



Subject: Cloud+
Page Index: 13
Date: 9/10/2019 11:43:50 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 13

Please use 45 MPH design speed.

Comments will be provided upon approval of deviation requests.

Subject: Text Box
Page Index: 13
Date: 9/10/2019 2:31:47 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 13

Comments will be provided upon approval of deviation requests.

14 (1)

Comments will be provided upon approval of deviation requests.

Subject: Text Box
Page Index: 14
Date: 9/10/2019 2:31:25 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 14

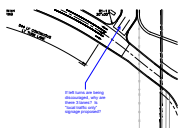
Comments will be provided upon approval of deviation requests.

15 (2)

Comments will be provided upon approval of deviation requests.

Subject: Text Box
Page Index: 15
Date: 9/10/2019 2:32:20 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 15

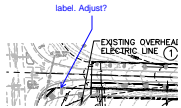
Comments will be provided upon approval of deviation requests.



Subject: Callout
Page Index: 15
Date: 9/11/2019 9:39:33 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 15

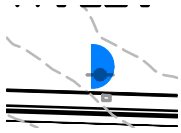
If left turns are being discouraged, why are there 3 lanes? Is "local traffic only" signage proposed?

16 (2)



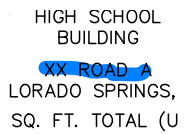
Subject: Callout
Page Index: 16
Date: 9/10/2019 2:32:57 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 16

label. Adjust?



Subject:
Page Index: 16
Date: 9/10/2019 2:34:00 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 16

17 (1)



Subject:
Page Index: 17
Date: 9/10/2019 2:37:39 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 17

19 (1)



Subject: Text Box
Page Index: 19
Date: 9/10/2019 2:38:40 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 19

Future Field?