

# ENG-SKP22005-R2-TIS-redlines.pdf Markup Summary

4 (1)



**Subject:** Highlight  
**Page Index:** 4  
**Date:** 12/19/2022 4:15:00 PM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** 4

5 (2)



**Subject:** Callout  
**Page Index:** 5  
**Date:** 12/19/2022 4:20:38 PM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** 5

Clarify - full movement is unlikely here; possibly RI/RO or 3/4 only because of vertical alignment on east side.



**Subject:**  
**Page Index:** 5  
**Date:** 12/19/2022 4:16:27 PM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** 5

One full-movement access serving as the west leg of the Vollmer Road and Dines Boulevard intersection.

7 (4)



**Subject:** Callout  
**Page Index:** 7  
**Date:** 12/20/2022 4:30:43 PM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** 7

We understand that a sketch plan is conceptual, but the location of this intersection will reduce the chances of any additional access being granted between here and Vollmer Road. The intersection should be approximately 400-500 feet from the west property line on the ridge, at least 1,000 feet to Vollmer Road.



**Subject:** Callout  
**Page Index:** 7  
**Date:** 12/20/2022 4:18:06 PM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** 7

Delete this arrow



**Subject:** Length Measurement  
**Page Index:** 7  
**Date:** 12/20/2022 4:25:04 PM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** 7

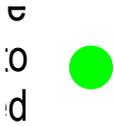
400'-0"



**Subject:** Length Measurement  
**Page Index:** 7  
**Date:** 12/20/2022 4:25:16 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 7

1,182'-4"

8 (1)



**Subject:** Highlight  
**Page Index:** 8  
**Date:** 12/19/2022 4:21:52 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 8

26 (5)

eft, Through and  
eft, **Through** and  
Left

**Subject:**  
**Page Index:** 26  
**Date:** 12/20/2022 10:25:22 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 26

Through

rd / Vollmer Road  
Left, **Through** and  
Left, Through and  
Left

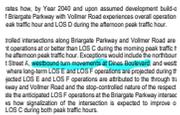
**Subject:**  
**Page Index:** 26  
**Date:** 12/20/2022 10:25:24 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 26

Through



**Subject:** Callout  
**Page Index:** 26  
**Date:** 12/20/2022 10:50:20 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 26

There will likely be no through or left egress movements



**Subject:**  
**Page Index:** 26  
**Date:** 12/20/2022 10:28:50 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 26



**Subject:** Text Box  
**Page Index:** 26  
**Date:** 12/20/2022 11:49:26 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 26

All of the 2040 PM Total poor (E&F) levels of service at Briargate/Vollmer except the EBL appear to be caused by the project - address why and what mitigation would help. Address potential need for 2nd northbound left turn lane.

27 (3)



**Subject:** Text Box  
**Page Index:** 27  
**Date:** 12/20/2022 11:46:43 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 27

State any deviations that are anticipated to be required at the subdivision stage of the development.



**Subject:** Text Box  
**Page Index:** 27  
**Date:** 12/20/2022 11:49:10 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 27

Address 2040 total traffic queuing lengths that are longer than available space.



**Subject:**  
**Page Index:** 27  
**Date:** 12/20/2022 11:51:06 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 27

No significant vehicle queuing lengths are noted through analysis.

28 (13)



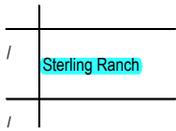
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**Page Index:** 28  
**Date:** 12/20/2022 10:52:28 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 28

Sterling Ranch/Retreat at TimberRidge/Others



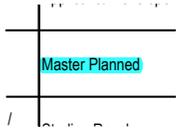
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**Page Index:** 28  
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**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 28

Jaynes



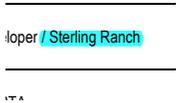
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**Page Index:** 28  
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**Author:** dsdrice  
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**Space:**  
**Page Label:** 28

Sterling Ranch



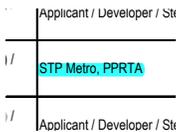
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**Page Index:** 28  
**Date:** 12/20/2022 10:52:58 AM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** 28

Master Planned



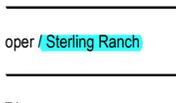
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**Page Index:** 28  
**Date:** 12/20/2022 10:53:08 AM  
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**Page Label:** 28

/ Sterling Ranch



**Subject:**  
**Page Index:** 28  
**Date:** 12/20/2022 10:53:27 AM  
**Author:** dsdrice  
**Color:**   
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**Page Label:** 28

STP Metro, PPRTA



**Subject:**  
**Page Index:** 28  
**Date:** 12/20/2022 10:53:54 AM  
**Author:** dsdrice  
**Color:**   
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**Space:**  
**Page Label:** 28

Sterling Ranch



**Subject:** Callout  
**Page Index:** 28  
**Date:** 12/20/2022 10:54:09 AM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
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**Page Label:** 28

Why Sterling Ranch?

Applicant / Developer / Site  
STP Metro, PPRTA  
Applicant / Developer / Site

**Subject:**  
**Page Index:** 28  
**Date:** 12/20/2022 11:11:38 AM  
**Author:** dsdrice  
**Color:**   
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**Page Label:** 28

STP Metro, PPRTA

Developer / Sterling Ranch  
STP Metro, PPRTA

**Subject:**  
**Page Index:** 28  
**Date:** 12/20/2022 11:12:25 AM  
**Author:** dsdrice  
**Color:**   
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**Page Label:** 28

/ Sterling Ranch



**Subject:** Callout  
**Page Index:** 28  
**Date:** 12/20/2022 11:13:27 AM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** 28

(Sterling Ranch is paving the road, Jaynes will need to restripe)

Applicant / Developer / Site  
STP Metro, PPRTA

**Subject:**  
**Page Index:** 28  
**Date:** 12/20/2022 11:13:18 AM  
**Author:** dsdrice  
**Color:**   
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**Space:**  
**Page Label:** 28

STP Metro, PPRTA



**Subject:** Callout  
**Page Index:** 28  
**Date:** 12/20/2022 11:19:14 AM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** 28

Clarify what STP Metro is. There is a PPRTA project, but timing will depend on whether Jaynes develops before the PPRTA project.

29 (2)



**Subject:**  
**Page Index:** 29  
**Date:** 12/20/2022 11:53:07 AM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** 29

Analysis of future traffic conditions indicates that the addition of site-generated traffic is expected to create no negative impact to traffic operations for the existing and surrounding roadway system upon roadway and intersection control improvements assumed within this analysis.

states that the addition of site-generated traffic is expected to  
actions for the existing and surrounding roadway system upon  
effects associated with the analysis.

County Road Impact Plan Program (Resolution 19-471), as  
selected at the final land use approval stage.

Address the PM peak hour  
issues at Vollmer/Briargate  
specifically

**Subject:** Callout  
**Page Index:** 29  
**Date:** 12/20/2022 11:53:38 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 29

Address the PM peak hour issues at  
Vollmer/Briargate specifically

81 (9)

~278

#463

**Subject:**  
**Page Index:** 81  
**Date:** 12/20/2022 11:32:58 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 81

#463

0.30

1.02

88.7

**Subject:**  
**Page Index:** 81  
**Date:** 12/20/2022 11:33:13 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 81

1.02

Could need 2 LT

Time	Volume
07:00	100
08:00	150
09:00	200
10:00	250
11:00	300
12:00	250
13:00	200
14:00	150
15:00	100
16:00	150
17:00	200
18:00	250
19:00	200
20:00	150
21:00	100

**Subject:** Callout  
**Page Index:** 81  
**Date:** 12/20/2022 11:34:01 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 81

Could need 2 LT lanes?

00.0

F

**Subject:**  
**Page Index:** 81  
**Date:** 12/20/2022 11:37:41 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 81

F

00.7

F

**Subject:**  
**Page Index:** 81  
**Date:** 12/20/2022 11:37:51 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 81

F

07.1  
E

**Subject:**  
**Page Index:** 81  
**Date:** 12/20/2022 11:37:58 AM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** 81

E

92.2  
F  
64.9

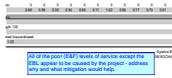
**Subject:**  
**Page Index:** 81  
**Date:** 12/20/2022 11:38:06 AM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** 81

F

04.9  
E  
100

**Subject:**  
**Page Index:** 81  
**Date:** 12/20/2022 11:38:29 AM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** 81

E



**Subject:** Text Box  
**Page Index:** 81  
**Date:** 12/20/2022 11:43:18 AM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** 81

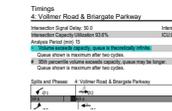
All of the poor (E&F) levels of service except the EBL appear to be caused by the project - address why and what mitigation would help.

82 (3)

Intersection LOS: D  
ICU Level of Service F

**Subject:**  
**Page Index:** 82  
**Date:** 12/20/2022 11:43:59 AM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** 82

ICU Level of Service F



**Subject:**  
**Page Index:** 82  
**Date:** 12/20/2022 11:44:46 AM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** 82

~ Volume exceeds capacity, queue is theoretically infinite.

Page	1
Page Index	82
Date	12/20/2022 11:44:49 AM
Author	dsdrice
Color	
Layer	
Space	
Page Label	82

**Subject:**  
**Page Index:** 82  
**Date:** 12/20/2022 11:44:49 AM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** 82

# 95th percentile volume exceeds capacity, queue may be longer.