#### West Side Connector Draft Alternatives

Circulation Element Advisory Committee March 24, 2021

## Workshop Purpose

- 3 potential "West Side Connector" Alternatives were prepared for the Committee's review and comment.
- The Alternatives evaluation include criteria that address City Council guidance, neighborhood compatibility, and engineering design standards.
- The slideshow explains the Alternatives and the scoring rationale.
- We're looking forward to your thoughts and committee recommendations!



## Today

**Green Island Road** 

Napa Junction R

Valley Vie Seniors

Sutter Name Wind

Must use Broadway to connect between Devlin Road/GI Road intersection and Midpoint Eucalyptus Drive.

**Start Here** 

Devlir

DARConstruction

Com Cola

erages

120

**Commerce Ct** 

Meandering

lass 1 Bike Lane

Vetlands

ど

Edge

A meandering Class 1 Bike Lane prohibits Motor Vehicles between Commerce Ct and Wetlands Edge Court.

**End Here** 

## Today

Roa

Must use Broadway to connect between Devlin Road/GI Road intersection and Midpoint Eucalyptus Drive.

**Start Here** 

Devlin

DARConstruction

Cosa Cola

I.I.I

101013

**Vetlands** 

ざ

Edge

ereges

120

100

Commerce Ct

Many exit Broadway at Napa Junction Road and take Theresa Ave to Eucalyptus.

#### Meandering Class 1 Bike Lane

Proposed Oat Hill

Napa Junction Ro

**Green Island Road** 

Sutter Name Wins

End Here

TRVE

Valley Viev Seniors

Sonie Dr

# Existing General Plan

Neighborhood De

Valley Viev Seniors SonicDr

Suites Napa

Green Island Road

#### Adopted 2013

2.

**Start Here** 

DIRConstruction

Inc

arith America

Waate

) (Paintere

000

Cora Cola

Wine Cask

PERIOS V

"L" Shaped connector between Devlin Road/GI Road intersection and Midpoint Eucalyptus Drive.

 Precedes new NJ Elementary School, Clarke Ranch Park planning, and warehouses off Commerce Ct.
 Avoids a direct connection between

Wintello-Windsterr

Avoids a direct connection between Commerce and Wetlands Edge.

End Here

## West Side Connector Criteria

#### Listed in order of Priority:

- Neighborhood compatibility.
- Completion time.
- Impact to Existing Improvements (i.e.: road widening).
- . Right-of-way acquisition.
- . Cost.
- 6. Network Connectivity
  - Environmental impacts (i.e.: wetlands, potential underground hazards).
- 8. Ease of design.

## All Alternatives

Hess Road

P ar

agnet

3A, B

**3**B

mart S

Soule Dr

Green Island Road

Start at Devlin/GI Road

Devlin

Roa

**EHRConstruction** 

1A,B,C

2A,B

3A,B,C

1.

2.

3.

5.

6.

BAUTU 4.

10

**1B** 

2A

CUSD

Nese Co Wer

Weelc

And in case of the

1A.B

**1A** 

200

0000 0000

Wine Cask

970909 🔘

- End Mid-Point Eucalyptus Drive
- New roads are blue dashed line.

3A.B

2B

2A

htEuture/Academy

MissensWinery

1A,B,C

2A,B

New GP roads are yellow dashed line.

**Start Here** 

All Alt's avoid creating a new RR Xing.

Bike network will "catch up" with rest of GP update

REMein

III RAV PERSING

Proposed Oat

Napa Junction Road

End Hereley View

3A,B

#### **Alternative 1**

Nissen Vineyard Services

Dari

mart S

Sonie Dr

ction Magnet entary School

> Valley View Seniors

1. The most "western" Alternative alignment.

Green Island Road

Devlin

Road

**gi** Brothers

1C

Missene Winery

JANCE ACAROLI

Sorth Sloval

**Sadwall Park** 

**Start Here** 

**DHR** Construction

**1B** 

1C

Cilion (

Woard Conford

Warehouse milliogistics

renopue

FL FD -----

No. 1

1 1 53 111

Ow

(Casa Gala

Wine Cask

Ciegos C

2. Three sub Alternatives: 1A, 1B, and

REMEN

III RV Parking

Preposed Gat

Napa Junction Road

A Bright Future Academy

**End Here** 

## **Alternative 1A**

Nissen Vineyard Service

 West on Green Island Road.
 South on Commerce past cul-de-sac to Eucalyptus Drive.

Green Island Road

3. East on Eucalyptus Drive



**Start Here** 

DHRConstruction

16

10

Conth America

kopi/Watchouse and Logistics

CETTICKS

W

COC

(Casa Gala

Wine Cask

Ciegos C

Devlin

North Sloual

**gi** Brothers

## **Alternative 1B**

Nissen Vineyard Service

- 1. West on Green Island Road.
- 2. South on Commerce past cul-de-sac
- East between the Eucalyptus Grove and School District property.

Green Island Road

 South along east side of School District property
 East on Eucalyptus Drive

Napa Junction Roas

Valley View

Sonie Dr

III RV Parking

0.7 Miles

**End Here** 

Start Here

DHRConstruction

1A

1 B

nth America

W

(Caca Cala

DEST S

Wine Cask

Ciencies 🕗

## Alternative 1C

Nissen Vineyard Services

 West on Green Island Road.
 South on Commerce to cul-de-sac
 East through the Eucalyptus Grove.
 South along east side of Eucalyptus Grove and School District property
 East on Eucalyptus Drive

ill RV Parking

Napa Junction Road

Green Island Road

0.7 Miles

End Here

A Bright Future Academy

Start Here

ci Brothers

DHRConstruction

**1B** 

milliogistics

1 B

Badwall Bark

W

(Class Carla

1 1 1 5 3

Wine Cask

CIEDIES C

Valley View Sectors

Sonie Dr

#### Alternative 2

Nissen Vineyard Services

Valley View

Sonle Dr

Similar to Alt 1, but avoids Commerce Ct and Wetlands Edge Ct.

Green Island Road

Devlir

Road

**Start Here** 

1.

Milocene Wines

DHRConstruction

orth America

38 QO

SAU TUSY

Centers

W

Cocularia

1 1

27,5122

Cosa Cola

Wine Cask

eraces

- Alt 2A impacts a "wetland" feature near Eucalyptus Drive.
- 3. Alt 2B path endpoint path near Eucalyptus Drive is most similar to Existing General Plan.

End Here

### Alternative 2A

Nissen Vineyard Services

Valley Viev

Sonle Dr

West on Green Island Road.
South on Commerce to the north edge of the Eucalyptus Grove.
East along the north side of the Eucalyptus Grove.

Green Island Road

**Start Here** 

2.

3.

DHRConstruction

rth America

Camera

W

Coca Cola

erages

 South along the east side of the Eucalyptus Grove
 East on Eucalyptus Drive

0.6 Miles

**End Here** 

2B

### Alternative 2B

Valley View

Sonie Dr

Green Island Road

West on Green Island Road.
South on Commerce to the north edge of the Eucalyptus Grove.
East along the north side of the Eucalyptus Grove.

**Start Here** 

2

3.

Carriers

2A

DHRConstruction

W

Coca Cola

enteres

 South along the east side of the Eucalyptus Grove to the northern edge of the School District Property
 Southeast to Eucalyptus Drive

0.6 Miles

End Here

2B

## Alternative 3

Nissen Vineyard Services

Neighborhood Deale

Hess Roa

3A

**3**B

Valley View Seniors

3A

Napa Junction Road

3B

Sonic Dr

& Suites Napa

American Canyor ollision Center, Inc

Green Island Road

1. The most "indirect" connector. (West, South, East, South, West)

Devlin

Road

orth Slough

Whiteskine

24

20

Start Here

Vinitio-WineStater

ONE87 Wine

REMaher

III I RAY PERKING

Academy

**End Here** 

DHR Construction

Ing

3A

**3B** 

orth America

DD SEED White

Weat

BAUJEUSK

Clion

Conters

W

Cees Cela

3.

4.

Whecask

0 899018

- 2. Hillside terrain between Commerce and Hess Rd.
  - Older, existing roads may need to be widened.
  - Many homes along the route.

Gadwall Park

## Alternative 3A

Nissen Vineyard Services

Neighborhood Dealer

less Road

**3B** 

American Canyon ollision Center, Inc.

Green Island Road

Start Here

Winfolio-WineStater

DNE87/Wine

and the second second

lion

Carlers

arth America

West

1.

2.

6

A LALAS

PRRUCONSIDERION

100

Cines Cinis

Whe Cask

eleges 🦕

East on Green Island Road.

South on Commerce to north side of Eucalyptus Grove

Viapeikine

3,A

**3B** 

East from Commerce to Hess Road

- South on Hess Road
- East on Napa Junction Road South on Theresa Avenue West on Eucalyptus Drive

1.2 Miles

**End Here** 

Valley View 🖉

**3**B

Holiday.inn & Suites Napa

Sonle Dr

1111 11

## Alternative 3B

**Nissen Vineyard Service** 

American Canyon ollision Center, Inc.

Neighborhood Deale

Hess Road

3B

Sonle Dr

& Sultes Napa

Green Island Road

**Start Here** 

Windlo-WindSorgo

LEST WERE

East on Green Island Road. South on Commerce to north side of **Eucalyptus Grove** East from Commerce to Lombard Road South on Lombard Road Wast on Napa Junction Road South on Theresa Avenue

West on Eucalyptus Drive

**giBrothers** 

Vapekine

2 4

28

orth Slough

DHRConstruction

38

orth America

Weat

Carlena

000

COCLICUM

2.

3.

5.

6

1 I MARTINE

Cees Colo

Whecask

eleges 💭

1.4 Miles

End Here

enior

unction Road

Alternative 2A Scores #1

- Alternative 3B Scores the lowest
- The criteria was weighted. Higher criteria rank indicates greater importance.
- Lowest weighted score "wins"

<b>Criteria</b> Criteria Rank	Cost 4	Design	ROW	Environmental		Completion Date 7	Neighborhood Compatibility 8	Impact to Existing Improvements 6	Natural Score	Weighted Score	Numerical Rank
	1		1	1	1	1	7		22	26.00	4
Alt 1A	1	4	1	Ţ	1	1	/	6	22	26.00	4
Alt 1B	2	4	2	5	2	2	2	6	25	23.11	2
Alt 1C	3	1	4	7	2	3	2	3	25	24.00	3
Alt 2A	4	1	2	5	2	3	2	3	22	21.78	1
Alt 2B	5	3	5	2	5	3	1	2	26	24.00	3
Alt 3A	6	6	6	3	6	4	5	7	43	43.11	5
Alt 3B	6	6	7	3	6	4	5	7	44	44.22	6





- <u>Alternative 2A Scores #1</u>
- Alternatives 3A and 3B Score the lowest
- The criteria was weighted. Higher criteria rank indicates greater importance.
- Lowest weighted score "wins"

<b>Criteria</b> Criteria Rank	Cost 4	Design	ROW	Environmental 2		Completion Date 7	Neighborhood Compatibility 8	Impact to Existing Improvements 6	Natural Score	Weighted Score	Numerical Rank
Alt 1A	1	4	1	1	1	1	7	6	22	26.00	4
Alt 1B	2	4	2	5	2	2	2	6	25	23.11	2
Alt 1C	3	1	4	7	2	3	2	3	25	24.00	3
Alt 2A	4	1	2	5	2	3	2	3	22	21.78	1
Alt 2B	5	3	5	2	5	3	1	2	26	24.00	3
Alt 3A	6	6	6	3	6	4	5	7	43	43.11	5
Alt 3B	6	6	7	3	6	4	5	7	44	44.22	6





- Alternative 2A Scores #1
- Alternative 3B Scores the lowest
- The criteria was weighted. Higher criteria rank indicates greater importance.
- Lowest weighted score "wins"

Criteria	Cost	Design	ROW	Environmental			Neighborhood Compatibility	Impact to Existing Improvements	Natural Score	Weighted Score	Numerical Rank
Criteria Rank	4	T	5	Z	5	/	8	6			
Alt 1A	4	4	4	1	4	1	7	6	22	26.00	4
Alt 1B	2	4	2	5	2	2	2	6	25	23.11	2
Alt 1C	3	1	4	7	2	3	2	3	25	24.00	3
Alt 2A	4	1	2	5	2	3	2	3	22	21.78	1
Alt 2B	5	3	5	2	5	3	1	2	26	24.00	3
Alt 3A	6	6	6	3	6	4	5	7	43	43.11	5
Alt 3B	6	6	7	3	6	4	5	7	44	44.22	6

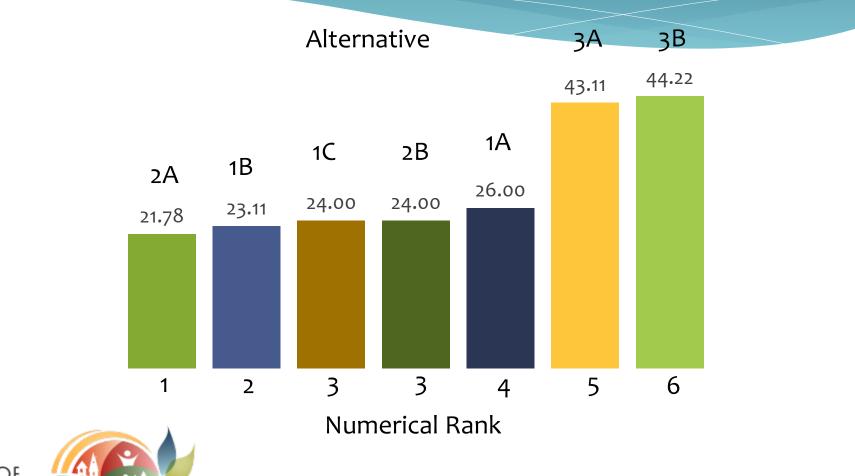


- Alternative 2A Scores #1
- Alternative 3B Scores the lowest
- The criteria was weighted. Higher criteria rank indicates greater importance.
- Lowest weighted score "wins"

Criteria	Cost	Design		Environmental		Completion Date	Neighborhood Compatibility	Impact to Existing Improvements	Natural Score	Weighted Score	Numerical Rank
Criteria Rank	4	1	5	2	3	/	8	6			
Alt 1A	1	4	1	1	1	1	7	6	22	26.00	4
Alt 1B	2	4	2	5	2	2	2	6	25	23.11	2
Alt 1C	3	1	4	7	2	3	2	3	25	24.00	3
Alt 2A	4	1	2	5	2	3	2	3	22	21.78	1
Alt 2B	5	3	5	2	5	3	1	2	26	24.00	3
Alt 3A	6	6	6	3	6	4	5	7	43	43.11	5
Alt 3B	6	6	7	3	6	4	5	7	.4	44.22	6



## Alternative Comparisons





## Committee Q&A

#### Thank You!



## Staff Contact

Brent Cooper, AICP Community Development Director bcooper@cityofamericancanyon.org (707) 647-4335

Erica Ahmann Smithies Public Works Director esmithies@cityofamericancanyon.org (707) 647-4366

