APPENDIX D

Bollard & Brennan, Inc

Memorandum

Date: May 9, 2005

To: Nick Pappani

Organization: Raney Planning & Management, Inc.
1401 Halyard Drive, Suite 120
West Sacramento, California 95691

Subject: Covell Village – Davis, California
Additional Traffic Noise Analyses

Comments:

As requested, Bollard & Brennan, Inc. has completed additional traffic noise analyses for the above-referenced project. These analyses address changes to the projected Cumulative traffic volume information, and an additional project alternative called "1864." The attached table represents a summary of these analyses. The traffic volume information used in these analyses was generated by Fehr & Peers on April 28, 2005, and received in our office on May 3, 2005.

As shown in the attached table, no new "significant impacts" were determined for the "1,864" Alternative or any of the revised Cumulative scenarios.

Please feel free to contact me at (530) 745-0550 if you have any questions or require additional information.

Bollard & Brennan, Inc.

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SUMMARY OF PREDICTED TRAFFIC NOISE LEVELS
COVELL VILLAGE – DAVIS, CALIFORNIA
MAY 9, 2005

Roadway	Segment	L_{dn}, dB (change, dB)							
		Existing	Existing + Project	Existing + 1864	Existing + High Density	Cumulative (2015)	Cumulative + Project	Cumulative + 1864	Cumulative + High Density
Covell Blvd	W. of F Street	63.9	64.9 (+1.1)	64.8 (+0.9)	65.1 (+1.3)	64.9	65.7 (+0.8)	65.6 (+0.7)	65.9 (+1.0)
Covell Blvd	F Street to J Street	64.2	65.8 (+1.6)	65.5 (+1.4)	66.0 (+1.9)	65.6	66.7 (+1.1)	66.5 (+0.9)	66.9 (+1.3)
Covell Blvd	J Street to L Street	64.0	65.9 (+1.9)	65.6 (+1.6)	66.2 (+2.2)	65.4	66.7 (+1.3)	66.5 (+1.1)	67.0 (+1.6)
Covell Blvd	L Street to Pole Line Rd.	63.8	65.2 (+1.4)	65.0 (+1.2)	65.5 (+1.6)	65.6	66.0 (+0.3)	66.2 (+0.6)	66.6 (+0.9)
Covell Blvd	E. of Pole Line Rd.	62.4	63.5 (+1.1)	63.3 (+0.9)	63.7 (+1.3)	64.4	64.5 (+0.1)	65.0 (+0.6)	65.2 (+0.8)
Pole Line Road	North of Covell Village Rd.	NA	64.3 (NA)	64.2 (NA)	64.4 (NA)	NA	66.1 (NA)	66.0 (NA)	66.2 (NA)
Pole Line Road	Covell Village Rd. to Moore Ave.	63.5	64.8 (+1.3)	64.7 (+1.2)	65.1 (+1.6)	65.2	66.4 (+1.2)	66.4 (+1.1)	66.6 (+1.4)
Pole Line Road	Moore Ave. to Donner Ave.	64.4	66.4 (+2.0)	66.4 (+2.0)	66.9 (+2.5)	66.5	67.8 (+1.3)	67.8 (+1.3)	68.1 (+1.6)
Pole Line Road	Donner Ave. to Picasso Ave.	65.0	67.2 (+2.2)	67.2 (+2.3)	67.7 (+2.8)	66.9	68.3 (+1.5)	68.4 (+1.5)	68.7 (+1.9)
Pole Line Road	Picasso Ave. to Covell Blvd.	65.9	67.9 (+2.0)	68.0 (+2.1)	68.4 (+2.5)	67.4	68.8 (+1.4)	68.9 (+1.4)	69.2 (+1.8)
Pole Line Road	S. of Covell Blvd.	65.0	66.5 (+1.5)	66.3 (+1.3)	66.8 (+1.8)	66.6	67.6 (+1.0)	67.5 (+0.9)	67.8 (+1.2)
F Street	N. of Covell Blvd.	61.1	61.8 (+0.7)	61.7 (+0.6)	61.9 (+0.8)	61.9	62.5 (+0.6)	62.4 (+0.5)	62.6 (+0.7)
F Street	S. of Covell Blvd.	62.3	63.1 (+0.8)	63.0 (+0.7)	63.3 (+1.0)	63.3	63.9 (+0.6)	63.8 (+0.5)	64.0 (+0.7)
J Street	S. of Covell Blvd.	56.7	58.3 (+1.6)	58.1 (+1.4)	58.6 (+1.9)	58.4	59.2 (+0.8)	59.0 (+0.6)	59.4 (+1.0)
L Street	Covell Blvd. to Drexel Dr.	56.3	59.6 **(+3.3)**	59.2 (+2.9)	60.1 **(+3.8)**	58.9	59.8 (+0.9)	59.5 (+0.6)	63.7 **(+4.8)**
L Street	Drexel Dr. to 8th St.	56.8	59.9 **(+3.1)**	59.5 (+2.7)	60.3 **(+3.5)**	58.3	60.6 (+2.2)	60.3 (+1.9)	60.9 (+2.6)
L Street	S. of 8th St.	58.4	60.6 (+2.2)	60.3 (+1.9)	61.0 (+2.6)	58.4	60.6 (+2.2)	60.4 (+1.9)	61.0 (+2.6)
Moore Blvd.	E. of Pole Line Rd.	56.3	57.5 (+1.3)	57.3 (+1.1)	57.7 (+1.5)	58.7	59.5 (+0.8)	59.4 (+0.7)	59.7 (+1.0)
Donner Ave.	E. of Pole Line Rd.	53.6	54.2 (+0.6)	54.1 (+0.5)	54.4 (+0.7)	54.0	54.6 (+0.6)	54.5 (+0.5)	54.7 (+0.7)
Picasso Ave.	E. of Pole Line Rd.	56.0	57.0 (+1.0)	56.9 (+0.9)	57.2 (+1.2)	56.2	57.2 (+1.0)	57.0 (+0.8)	57.4 (+1.2)

Sources: FHWA-RD-77-108 with inputs from Fehr & Peers and Bollard & Brennan, Inc.

Notes: Predicted Noise Levels are at a distance of 75 feet from roadway centerlines.
ADT was calculated based on peak-hour PM traffic volume.
83%/17% day/night split assumed.
Traffic speed of 30-40 MPH assumed.
Truck volumes (MT/HT) assumed to be 2%/1%.
Significant noise exposure presented as **bold**.